

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174 **Laboratory Results**

Date Received:

04/07/10 09:15

Report Date:

5/5/2010

NPDES/SI Permit Number:

2005-GO-5042

Facility Number:

Facility Name:

Glenwood School

Permit Number:

Sample No: 0D07003-01 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date: Site:		ıd		
Parameter pH, Electrometric by EPA Method 150.1	Re	esult	Analysis Date	Qualifier	Analyst	
PH Nitrite as N by EPA Method 300.0 Rev. 2.1 Nitrite as N	7.35	pH Un	its 04/07/10		₽J	
Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	04/07/10		KL	
Sulfate by EPA Method 300.0 Rev. 2.1	1.83	mg/L	04/07/10		KL	
Chloride by LACHAT 10-117-07-1-A	12.3	mg/L	05/03/10		KL	
Chloride Nitrogen Ammonia, SM4500-NH3 G.	28,3	mg/L	04/21/10		PJ	
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.02	mg/L	04/09/10		PJ	
Total Dissolved Solids	467.0	mg/L	04/19/10		₽J	
Sample No: 0D07003-02 Client ID: Foulkes Utilities (SI Glenwood)	Collect I		04/06/10 11:30 Vault # 2 Glenwood			_
Parameter pH, Electrometric by EPA Method 150.1	Res		Analysis Date	Qualifier	Analyst	
pH Nitrite as N by EPA Method 300.0 Rev. 2.1	7.24	pH Units	04/07/10		PJ	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 0D07003-02 Client ID: Foulkes Utilities (Si Glenwood)	Collec	ot Date: Site:	04/06/10 11:30 Vault # 2 Glenwood		
Parameter Nitrite as N by EPA Method 300.0 Rev. 2.1	R	esult	Analysis Date	Qualifier	Analyst
Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10) mg/L	04/07/10		KL
Sulfate by EPA Method 300.0 Rev. 2.1 Sulfate	0.90	mg/L	04/07/10		KL
Chloride by LACHAT 10-117-07-1-A	17.6	mg/L	05/03/10		KL
Nitrogen Ammonia, SM4500-NH3 G. Nitrogen Ammonia by SM4500NH3	19.3	mg/L	04/21/10		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	< 0.02	mg/L	04/09/10		PJ
	433.0	mg/L	04/19/10		₽J
Sample No: 0D07003-03 Client ID: Foulkes Utilities (SI Glenwood)	Collect		04/06/10 11:30 Vault # 3 Gienwood		
Parameter PH, Electrometric by EPA Method 150.1	Res	sult	Analysis Date	Qualifier	Analyst
pH litrite as N by EPA Method 300.0 Rev. 2.1	7.31	pH Units	04/07/10		₽J
Nitrite as N Iltrate as N by EPA Method 300.0 Rev. 2.1 Nitrate as N	< 0.10	mg/L	04/07/10		KL
ulfate by EPA Method 300.0 Rev. 2.1	1.68	mg/L	04/07/10		KL
hloride by LACHAT 10-117-07-1-A	12.6	mg/L	05/03/10		KL
itrogen Ammonia, SM4500-NH3 G.	31.0	mg/L	04/21/10		PJ

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratorles participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certifled by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 0D07003-03 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date: Site:				7
Parameter Nitrogen Ammonia, SM4500-NH3 G.	R	esult	Analysis Date	Qualifier	Analyst	
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.02	mg/L	04/09/10		PJ	
Total Dissolved Solids	267.0	mg/L	0 4/ 19/10		PJ	
Sample No: 0D07003-04	Collec	Date:	04/06/10 11:30		/-	
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 4 Glenwood			
Parameter pH, Electrometric by EPA Method 150.1	Re	sult	Analysis Date	Qualifier	Analyst	
pH Nitrite as N by EPA Method 300.0 Rev. 2.1	7.25	pH Uni	ts 04/07/10		PJ	
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	04/07/10		KL	
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	0.80	mg/L	04/07/10		KL	
Sulfate Chloride by LACHAT 10-117-07-1-A	17.3	mg/L	05/03/10		KL	
Chloride Vitrogen Ammonia, SM4500-NH3 G.	18.8	mg/L	04/21/10		PJ	
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.02	mg/L	04/09/10		PJ	
Total Dissolved Solids	367.0	mg/L	04/19/10		ΡJ	

** Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accredidation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Due to high ion concentrations and peak shouldering, not able to calculate MS and or MSD for this analyte.

MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

Mark Mueller, Project Manager

S E



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Laboratory Results

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: Report Date:

07/07/10 09:30 8/23/2010

NPDES/SI Permit Number: 2

2005-GO-5042

Facility Number:

Facility Name: Gle

Glenwood School

Permit Number:

Sample No: 0G07003-01 Client ID: Foulkes Utilities (Si Glenwood)	Collec	t Date: Site:		·		_
Parameter pH, Electrometric by EPA Method 150.1	R	esuit	Analysis Date	Qualifier	Analyst	
pH Nitrite as N by EPA Method 300.0 Rev. 2.1	7.27	pH Ur	nits 07/07/10		KF	
Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	07/07/10		KL	
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	1.21	mg/L	07/07/10	F4	KL -	
Sulfate Chloride by LACHAT 10-117-07-1-A Chloride	27.3	mg/L	07/13/10		KL	
Nitrogen Ammonia, SM4500-NH3 G. Nitrogen Ammonia by SM4500NH3	133	mg/L	07/21/10		PJ	
Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	< 0.02	mg/L	07/09/10		PJ	
- 17	600.0	mg/L	07/13/10		KF	
Sample No: 0G07003-02 Client ID: Foulkes Utilities (SI Glenwood)	Collect		07/06/10 10:30 Vault # 2 Glenwood			
Parameter H, Electrometric by EPA Method 150.1	Res		Analysis Date	Qualifier	Analyst	_
pH itrite as N by EPA Method 300.0 Rev. 2.1	7.48	pH Units	o7/07/10		KF	

** Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Marcher

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 0G07003-02 Client ID: Foulkes Utilities (SI Glenwood)	Collec	ot Date: Site:	07/06/10 10:30 Vault # 2 Glenwood		
Parameter Nitrite as N by EPA Method 300.0 Rev. 2.1	R	esult	Analysis Date	Qualifier	Analyst
Nitrate as N Nitrate as N by EPA Method 300.0 Rev. 2.1 Nitrate as N	< 0.10) mg/L	07/07/10		KL
Sulfate by EPA Method 300.0 Rev. 2.1 Sulfate	0.50	mg/L	07/07/10		KL
Chloride by LACHAT 10-117-07-1-A	29.0	mg/L	07/13/10		KL
Nitrogen Ammonia, SM4500-NH3 G. Nitrogen Ammonia by SM4500NH3	56.5	mg/L	07/21/10		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	0.11	mg/L	07/09/10		PJ
	467.0	mg/L	07/13/10		KF
Sample No: 0G07003-03 Client ID: Foulkes Utilities (SI Glenwood)	Collect		07/06/10 10:30		
Parameter (Si Gleriwood)		Site:	Vault # 3 Glenwood		
PH, Electrometric by EPA Method 150.1	Res	Sult	Analysis Date	Qualifier	Analyst
itrite as N by EPA Method 300.0 Rev. 2.1	7.10	pH Units	07/07/10	X	KF
itrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	07/07/10		KL
ulfate by EPA Method 300.0 Rev. 2.1	1.28	mg/L	07/07/10		KL
hioride by LACHAT 10-117-07-1-A	30.1	mg/L	07/13/10		KL
trogen Ammonia, SM4500-NH3 G.	132	mg/L	07/21/10		PJ

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Marsher



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 0G07003-03 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date: Site:			
Parameter Nitrogen Ammonia, SM4500-NH3 G.	Re	esult	Analysis Date	Qualifier	Analyst
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.02	mg/L	07/09/10		PJ
Total Dissolved Solids	633.0	mg/ L	07/13/10		KF
Sample No: 0G07003-04	Collect	Date:	07/06/10 10:30		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 4 Glenwood		
Parameter pH, Electrometric by EPA Method 150.1	Re	sult	Analysis Date	Qualifier	Analyst
pH	7.06	pH Uni	ts 07/07/10		KF
Nitrite as N by EPA Method 300.0 Rev. 2.1 Nitrite as N Vitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	07/07/10		KL
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.16	mg/L	07/07/10		KL
Sulfate Chloride by LACHAT 10-117-07-1-A	20.9	mg/L	07/13/10		KL
Chloride litrogen Ammonia, SM4500-NH3 G.	29.3	mg/L	07/21/10		PJ
Nitrogen Ammonia by SM4500NH3 Residue, Fliterable, Dried at 180 C by SM 2540 C.	0.08	mg/L	07/09/10		PJ
Total Dissolved Solids	400.0	mg/L	07/13/10		KF

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accredidation of Environmental Laboratories, NELAC accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mark Mueller, Project Manager

Due to high ion concentrations and peak shouldering, not able to calculate MS and or MSD for this analyte.

MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

S Ε

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208 (815) 344-4044 FAX (815) 344-2208



Laboratory Results

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174 Date Received: 10/05/10 10:50 Report Date: 11/1/2010

NPDES/SI Permit Number: 2005-GO-5042

Facility Number: Facility Name:

Glenwood School

Permit Number:

Sample No: 0J05005-01 Client ID: Foulkes Utilities (SI Glenwood)	Collect		10/04/10 10:00 Vault # 1 Glenwood	t		
Parameter pH, Electrometric by EPA Method 150.1	Re	sult	Analysis Date	Qualifier	Analyst	
pH	7.73	pH Un	its 10/05/10	Н	KF	
Nitrite as N by EPA Method 300.0 Rev. 2.1			2,20			
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	-	10/05/10		KF	542
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	0.78	mg/L	10/05/10		KF	
Sulfate	n materials not be	mg/L	Fig. 1919 N.A. The existing the	rivores serci	KF	
Chloride by LACHAT 10-117-07-1-A						
Chioride	140	mg/L	10/27/10		PJ	
Nitrogen Ammonia, SM4500-NH3 G.			,,,,,,,			
Nitrogen Ammonia by SM4500NH3	0.25	mg/L	10/08/10		PJ	
Residue, Filterable, Dried at 180 C by SM 2540 C.		Ū				
Total Dissolved Sollds	567.0	mg/L	10/11/10		ΚF	
Sample No: 0J05005-02	Collect		10/04/10 10:00			· <u> </u>
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2 Glenwood			·····
Parameter pH, Electrometric by EPA Method 150.1	Res	suit	Analysis Date	Qualifier	Analyst	
pH Nitrite as N by EPA Method 300.0 Rev. 2.1	7.81	pH Unii	is 10/05/10	Н	KF	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

/hhr //broker/

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 0J05005-02 Client ID: Foulkes Utilities (SI Glenwood)	Collect	Date: Site:	10/04/10 10:00 Vault # 2 Glenwood			
Parameter Nitrite as N by EPA Method 300.0 Rev. 2.1	Re	sult	Analysis Date	Qualifier	Analyst	
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	10/05/10		КF	
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	0.58	mg/L	10/05/10		KF	
Sulfate Chloride by LACHAT 10-117-07-1-A	38.0	mg/L	10/25/10		KF	
Chloride Nitrogen Ammonia, SM4500-NH3 G.	34.3	mg/L	10/27/10		PJ	
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.02	mg/L	10/08/10		PJ	
Total Dissolved Solids	167.0	mg/L	10/11/10		KF	
Sample No: 0J05005-03 Client ID: Foulkes Utilities (SI Glenwood)	Collect	Date: Site:	10/04/10 10:00 Vault # 3 Glenwood			
Parameter pH, Electrometric by EPA Method 150.1	Re	sult	Analysis Date	Qualifier	Analyst	4-2
pH Nitrite as N by EPA Method 300.0 Rev. 2.1	7.61	pH Uni	ts 1 ₀ /05/10	н	KF	
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	10/05/10		KF	
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	0.76	mg/L	10/05/10		KF	
Sulfate Chioride by LACHAT 10-117-07-1-A	26.2	mg/L	10/25/10		KF	
Chloride Nitrogen Ammonia, SM4500-NH3 G.	138	mg/L	10/27/10		ΡJ	

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accredidation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 0J05005-03 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date: Site:	10/04/10 10:00 Vault # 3 Glenwood		
Parameter Nitrogen Ammonia, SM4500-NH3 G.	Re	sult	Analysis Date	Qualifier	Analyst
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.02	mg/L	10/08/10		PJ
Total Dissolved Solids	567.0	mg/L	10/11/10		KF
Sample No: 0J05005-04 Client ID: Foulkes Utilities (SI Glenwood)	Collect	Date: Site:	10/04/10 10:00 Vault # 4 Glenwood		
Parameter pH, Electrometric by EPA Method 150.1	Re	suit	Analysis Date	Qualifier	Analyst
рн Nitrite as N by EPA Method 300.0 Rev. 2.1	7.63	pH Unil	s 10/05/10	Н	KF
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	10/05/10		KF
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.22	mg/L	10/05/10		KF
Sulfate Chloride by LACHAT 10-117-07-1-A	30.0	mg/L	10/25/10		KF
Chloride litrogen Ammonia, SM4500-NH3 G.	40.9	mg/L	10/27/10		PJ
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.16	mg/L	10/08/10	2	Pj
Total Dissolved Solids	400.0	mg/L	10/11/10		KF

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

DUP associated with analytical batch falled to meet acceptance criteria of < 20% RPD.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mark Mueller, Project Manager

D



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Laboratory Results

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received:

01/07/11 09:15

Report Date:

2/7/2011

NPDES/SI Permit Number:

2005-GO-5042

Facility Number:

Facility Name:

Glenwood School

Permit Number:

Sample No: 1A07006-01 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date: Site:	01/06/11 11:00 Vault # 1 Glenwood		
Parameter pH, Electrometric by EPA Method 150.1	Re	esult	Analysis Date	Qualifier Analyst	
pH Nitrite as N by EPA Method 300.0 Rev. 2.1	8.04	pH Uni	ts 01/07/11	KF	
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2,1	< 0.10	mg/L	01/08/11	KF	
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	1.44	mg/L	01/08/11	KF	
Chloride by LACHAT 10-117-07-1-A		- mg/∟≫	点 经财本减分 A.A.	KF	
Nitrogen Ammonia, SM4500-NH3 G.	128	mg/L	01/12/11	PJ	
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.05	mg/L	01/14/11	PJ	
Total Dissolved Solids	533.0	mg/L	01/11/11	KF	
Sample No: 1A07006-02 Client ID: Foulkes Utilities (SI Glenwood)	Collect		01/06/11 11:00 Vault # 2 Glenwood		
Parameter pH, Electrometric by EPA Method 150.1	Res	sult .		Qualifier Analyst	
pH Nitrite as N by EPA Method 300.0 Rev. 2.1	7.94	pH Units	01/07/11	KF	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accredidation of Environmental Laboratories, NELAC accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 1A07006-02	Collec	t Date:	01/06/11 11:00		
Client ID: Foulkes Utilities (SI Glenwood)		Site	Vault # 2 Glenwood		
Parameter Nitrite as N by EPA Method 300.0 Rev. 2.1	R	esult	Analysis Date	Qualifier	Analyst
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	2.62	mg/L	01/08/11		KF
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1 Sulfate	3.07	mg/L	01/08/11		KF
Chloride by LACHAT 10-117-07-1-A	78.2	mg/L	01/25/11	E	KF
Nitrogen Ammonia, SM4500-NH3 G. Nitrogen Ammonia by SM4500NH3	19.8	mg/L	01/12/11		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	0.11	mg/L	01/14/11		PJ
	567.0	mg/L	01/11/11		KF
Sample No: 1A07006-03 Client ID: Foulkes Utilities (SI Glenwood)	Collect		01/06/11 11:00 Vault # 3 Glenwood		
Parameter H, Electrometric by EPA Method 150.1	Re	sult	Analysis Date	Qualifier	Analyst
pH Itrite as N by EPA Method 300.0 Rev. 2.1	7.86	pH Unit	s 01/07/11		KF
Nitrite as N itrate as N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	01/08/11		KF
Nitrate as N ulfate by EPA Method 300.0 Rev. 2.1 Sulfate	1.47	mg/L	01/08/11		KF
Surrate hioride by LACHAT 10-117-07-1-A Chloride	22.8	mg/L	01/24/11		KF
trogen Ammonia, SM4500-NH3 G.	126	mg/L	01/12/11		ΡJ

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accredidation of Environmental Laboratories, NELAC accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 1A07006-03 Client ID: Foulkes Utilities (SI Glenwood)	Colle	ct Date: Site:				
Parameter Nitrogen Ammonia, SM4500-NH3 G.	F	Result	Analysis Date	Qualifier	Analyst	
Nitrogen Ammonia by \$M4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.08	B mg/L	01/14/11		PJ	
Total Dissolved Solids	567.0	mg/L	01/11/11		KF	
Sample No: 1A07006-04 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date:	01/06/11 11:00			
		Site:	Vault # 4 Glenwood			
Parameter OH, Electrometric by EPA Method 150.1	Re	esuit	Analysis Date	Qualifier	Analyst	· · · · · · · · · · · · · · · · · · ·
рн Vitrite as N by EPA Method 300.0 Rev. 2.1	7.84	pH Uni	ts 01/07/11		KF	
Nitrite as N VIII NITRITE AS N by EPA Method 300.0 Rev. 2.1	< 0.10	mg/L	01/08/11		KF	
Nitrate as N ulfate by EPA Method 300.0 Rev. 2.1	0.57	mg/L	01/08/11		KF	
Sulfate Shioride by LACHAT 10-117-07-1-A	42.5	mg/L	01/25/11		KF	
Chloride itrogen Ammonia, SM4500-NH3 G.	36.2	mg/L	01/12/11		PJ	
Nitrogen Ammonia by SM4500NH3 esidue, Filterable, Dried at 180 C by SM 2540 C.	0.12	mg/L	01/14/11		PJ	
Total Dissolved Solids	500.0	mg/L	01/11/11		KF	
This test was performed after expiration of the appropriate MS and or MSD associated with analytical batch failed to r	neet accept.	advisory "	rio duo to matrica de			- 13

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Laboratory Results

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

04/12/11 10:05

Date Received: Report Date:

5/17/2011

NPDES/SI Permit Number:

Facility Number:

2005-GO-5042

Facility Name:

Glenwood School

Parameter Results contained in this proof relative	Res	ult	Analysis Date	Qualifier	Analyst	
Sample No: 1D12002-02 Client ID: Foulkes Utilities (SI Glenwood)	Collect		04/11/11 11:30 Vault # 2 Glenwood			
Total Dissolved Solids	367.0	mg/L	04/12/11		KF	
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.12	mg/L	04/15/11		PJ	
Chloride Nitrogen Ammonia, SM4500-NH3 G.	10.7	mg/L	04/27/11		PJ	
Sulfate Chloride by LACHAT 10-117-07-1-A		mg/L		E	KF	
Nitrate as N Sulfate by EPA Method 300,0 Rev. 2.1	0.61	mg/L	04/12/11 See See Madort		KF	
Nitrate as N by EPA Method 300 0 Rev 2 4	< 0.17		- CALDY 198801		KF	
Collform, Fecal Nitrite as N by EPA Method 300.0 Rev. 2.1	< 1	100m	i 04/12/11		PJ	
pH, Electrometric by EPA Method 150.1 pH Fecal Coliform: Membrane-Filter by SM 9222D.	7.41	pH U	•	Qualifier	Analyst KF	
Client ID: Foulkes Utilities (SI Glenwood) Parameter			Vault # 1 Glenwoo		Amalius	
Sample No: 1D12002-01	Collec	ct Date	04/11/11 11:30			

** Results contained in this report relate only to the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accredidation of Environmental Laboratories, NELAC accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 1D12002-02 Client ID: Foulkes Utilities (Si Glenwood)		1/11/11 11:30 ult # 2 Glenwoo		
Parameter pH, Electrometric by EPA Method 150.1	Result	Analysis Date	Qualifier Analyst	
рн Fecal Coliform: Membrane-Filter by SM 9222D.	7.35 pH Units	04/12/11	KF	
Coliform, Fecal Nitrite as N by EPA Method 300.0 Rev. 2.1 Nitrite as N	10 100ml	04/12/11	PJ	
Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.17 mg/L	04/12/11	KF	
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.34 mg/L	04/12/11	KF	
Sulfate Chloride by LACHAT 10-117-07-1-A	226 mg/L	05/03/11	D,E KF	
Chloride Nitrogen Ammonia, SM4500-NH3 G.	11.1 mg/L	04/27/11	PJ	
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.17 mg/L	04/15/11	PJ	
Total Dissolved Solids	633.0 mg/L	04/12/11	KF	
Sample No: 1D12002-03 Client ID: Foulkes Utilities (SI Glenwood)		1/11 11:30 It # 3 Glenwood		
Parameter PH, Electrometric by EPA Method 150.1	Result	Analysis Date	Qualifier Analyst	
pH Fecal Coliform: Membrane-Filter by SM 9222D.	7.43 pH Unite	04/12/11	KF	
Coliform, Fecal	<1 100ml	04/12/11	: PJ	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 1D12002-03 Client ID: Foulkes Utilities (SI Glenwood)	Collec	ot Date:			
Parameter Nitrite as N by EPA Method 300.0 Rev. 2.1	R	esult	Analysis Date	Qualifier	Analyst
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.17	mg/L	04/12/11		KF
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	2.87	mg/L	04/12/11		KF
Sulfate Chloride by LACHAT 10-117-07-1-A	17.0	mg/L	05/02/11		KF
Chloride Nitrogen Ammonia, SM4500-NH3 G.	61.6	mg/L	04/27/11		PJ
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.07	mg/L	04/15/11		PJ
Total Dissolved Solids	400.0	mg/L	04/12/11		KF
Sample No: 1D12002-04 Client ID: Foulkes Utilities (SI Glenwood)	Collect		04/11/11 11:30 Vault # 4 Glenwood		
Parameter pH, Electrometric by EPA Method 150.1	Res	sult	Analysis Date	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.	7.40	pH Units	04/12/11		KF
Collform, Fecal Nitrite as N by EPA Method 300.0 Rev. 2.1 Nitrite as N	4	100ml	04/12/11	9	PJ
Nitrate as N by EPA Method 300.0 Rev. 2.1 Nitrate as N	< 0.17	mg/L	04/12/11		KF
with ale as M	0.62	mg/L	04/12/11		KF

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



Sample No: 1D12002-04 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date: Site:	04/11/11 11:30 Vault # 4 Glenwood		
Parameter Sulfate by EPA Method 300.0 Rev. 2.1	Re	esult	Analysis Date	Qualifier	Analyst
Sulfate Chloride by LACHAT 10-117-07-1-A	14.9	mg/L	05/02/11		KF
Chloride Nitrogen Ammonia, SM4500-NH3 G.	10.5	mg/L	04/27/11		PJ
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.12	mg/L	04/15/11		PJ
Total Dissolved Solids	333.0	mg/L	04/12/11		KF

Qualiflers

H This test was performed after expiration of the appropriate regulatory/advisory "hold time"

E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

D DUP associated with analytical batch falled to meet acceptance criteria of < 20% RPD.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAC accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Masher

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: 05/26/11 13:55 Report Date: 5/27/2011 NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 1E26019-01 Client ID: Foulkes Utilities (SI Glenwood)		Collec	t Date: Site:	05/26/11 Vault # 1	11:00 I Glenwood		· · · · · · · · · · · · · · · · · · ·
Parameter		Result	Units		Date & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D. Coliform, Fecal	< 1		100ml	05/26/11	14:30		PJ
Sample No: 1E26019-02 Client ID: Foulkes Utilities (SI Glenwood)		Collec	t Date: Site:	05/26/11 Vault # 2	11:00 Glenwood		
arameter ecal Coliform: Membrane-Filter by SM 9222D.	445 (1)	Result		and the second	Date & Time	Qualifier	Analyst
Coliform, Fecal College Box States and College Response for the College	5 1241	en protestia pa La como españo La como españologo	100mi	05/26/11	14:30		ÞJ
Sample No. 1E26019-03 Client ID: Foulkes Utilities (SI Glenwood)	A A	Collec	Date:	05/26/11 Vault # 3	11:15 Glenwood	19	*:
arameter ecal Collform: Membrane-Filter by SM 9222D,		Result	Units		Date & Time	Qualifier	Analyst
Coliform, Fecal	<1		100ml	05/26/11	14:30		PJ
Sample No: 1E26019-04 Client ID: Foulkes Utilities (SI Glenwood)		Collect		05/26/11	4		
arameter ecal Coliform: Membrane-Filter by SM 9222D.	F	Result	Site: Units	1	Glenwood Date & Time	Qualifier	Analyst
Coliform, Fecal	< 1		100ml	05/26/11	14:30		РJ

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208



SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

/ Who / brether

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: 07/14/11 14:55

Report Date: 8/4/2011

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 1G14048-01	Colle	ct Date:	07/14/11	11:00		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault #	1 Glenwood		
Parameter	Result	s Units	Analysis	Date & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1			,		atatilit.	Analyst
pH	7.81	pH Units	07/14/11	16:15		KF
Fecal Collform: Membrane-Filter by SM 9222D.						
Collform, Fecal	3	100ml	07/14/11	15:15		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.17	mg/L	07/15/11	12:12		KF ·
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.34.	[∞] -mg/L	07/15/11	12:12	- 5	KF
Sulfate by EPA Method 300.0 Rev. 2.1	the miles	289	4.3 6.3			N
Sulfate	170	mg/L	07/19/11	10:29		KF
Chloride by LACHAT 10-117-07-1-A	11 -12		54 No. 1			Stor M. Manuelle
Chloride	16.5	mg/L	08/03/11	14:33		PJ
Nitrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.15	mg/L	07/15/11	11:14		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						, -
Total Dissolved Solids	533.0	mg/L	07/19/11	9:00		KF
Sample No: 1G14C48-02	Collec	t Date:	07/14/11	11:00		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2	Glenwood		
Parameter	Results	Units	Analysis (Date & Time	Qualifier	
pH, Electrometric by EPA Method 150.1			7.11413-010 L	Safe of THISE	wuamier	Analyst
pH	7.69	pH Units	07/14/11	16:15		KF

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 1G14048-02	Colle	Collect Date:		11:00		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2	Glenwood		
Parameter	Results	s Units	Analysis	Date & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.						, mining ac
Coliform, Fecal	< 1	100ml	07/14/11	15:15		PJ
litrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.17	mg/L	07/15/11	12:25		KF
litrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	0.44	mg/L	07/15/11	12:25		KF
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	141	mg/L	07/19/11	10:42		KF
hloride by LACHAT 10-117-07-1-A		-				
Chloride	12.7	mg/L	08/03/11	14:35		PJ
iltrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.06	mg/L	07/15/11	11:18	D	PJ
esidue, Filterable, Dried at 180 C by SM 2540 C.					51 a	
Total Dissolved Sollds	633.0	mg/L	07/19/11	9:00		KF
Sample No: 1G14048-03	Collec	t Date:	07/14/11	11:20		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		
arameter	Results	Units	Analysis I	Date & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1			,			Minisar
рН	7.58	pH Units	07/14/11	16:15		KF
ecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	07/14/11	15:15		PJ
Itrite as N by EPA Method 300.0 Rev. 2.1				(1)		• •
Nitrite as N	< 0.17	mg/L	07/15/11	12:39		KF
itrate as N by EPA Method 300.0 Rev. 2.1	/ 1			·		
=						

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102
State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 1G14048-03	Colle	ect Date:	07/14/11	11:20		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		<u> </u>
Parameter	Result	s Units	Analysis I	Date & Time	Qualifier	Analyst
Sulfate by EPA Method 300.0 Rev. 2.1						,
Sulfate	26.8	mg/L	07/18/11	20:34		KF
Chloride by LACHAT 10-117-07-1-A						
Chloride	223	mg/L	08/03/11	14:47		ΡJ
Nitrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.09	mg/L	07/15/11	11:23		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	767.0	mg/L	07/19/11	9:00		KF
		of Dot.	07/44/44	44.00	<u> </u>	
Sample No: 1G14048-04	Colle	ct Date:	07/14/11			
Client ID: Foulkes Utilities (SI Glenwood)		Site:	vault # 4	Glenwood		
Parameter	Result	s Units	Analysis [Date & Time	Quailfler	Analyst
pH, Electrometric by EPA Method 150.1						
Нq	7.66	pH Units	07/14/11	16:15		KF
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	1 0 0ml	07/14/11	15:15		PJ
Nitrīte as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.17	mg/L	07/15/11	12:52		KF
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	0.47	mg/L	07/15/11	12;52		KF
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	28.2	mg/L	07/18/11	20:47		KF
Chloride by LACHAT 10-117-07-1-A						
Chloride	23.3	mg/L	08/03/11	14:40		PJ
Nitrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.19	mg/L	07/15/11	11:24		ÞJ

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 1G14048-04 Client ID: Foulkes Utilities (SI Glenwood)	Collect Date: Site:	07/14/11 11:20 Vault # 4 Glenwood	
Parameter	Results Units	Analysis Date & Time	Qualifier Analyst
Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	567.0 mg/L	07/19/11 9:00	KF

OUALIFIERS

E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

DUP associated with analytical batch failed to meet acceptance criteria of < 20% RPD.

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174 Date Received: 10/06/11 15:29 Report Date: 11/7/2011

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 1J06040-01	Colle	ct Date: Site:	10/06/11	11:00 Glenwood		
Client ID: Foulkes Utilities (SI Glenwood) Parameter	Reculto	Units		Date & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1	Madir	, Omis	Allulyolo	DULO 60 111110	Actaille:	Analyst
pH	7.33	pH Units	10/06/11	16:10		ba
Fecal Coliform: Membrane-Filter by SM 9222D.	7.00	F 7				
Coliform, Fecal	< 1	100ml	10/06/11	15:15		ΡJ
Vitrite as N by EPA Method 300.0 Rev. 2.1	•					
Nitrite as N	< 0.17	mg/L	10/07/11	4:37		KF
Nitrate as N by EPA Method 300.0 Rev. 2.1	411					
Nitrate as N	0.56	mg/L	10/07/11	4:37		KF
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	31.5	mg/L	10/31/11	14:09		KF
Chloride by LACHAT 10-117-07-1-A						
Chloride	34.6	mg/L	10/19/11	12:24		PJ
litrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.34	mg/L	10/14/11	12:13		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	867.0	mg/L	10/11/11	12:30		K F
Sample No: 1J06040-02	Collec	ct Date:	10/06/11	11:00		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2	Glenwood		
arameter	Results	Units	Analysis I	Date & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1						7 11 131 701
pH	7.20	pH Units	10/06/11	16:15		ba

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, il. 60050.

Certified by:

Mach Marcher

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208 (815) 344-4044 FAX (815) 344-2208

Sample No: 1J06040-02 Client ID: Foulkes Utilities (SI Glenwood)	Collec	ot Date: Site:	10/06/11 Vault # 2	11:00 Glenwood		
Parameter	Results			Date & Time	Qualifier	Ameliat
ecal Coliform: Membrane-Filter by SM 9222D.	Nesulls	Oille	Allalysis	Date of Tillie	Quaimer	Analyst
Coliform, Fecal	4	100ml	10/06/11	15:15		PJ
litrite as N by EPA Method 300.0 Rev. 2.1	7	1001111	10/00/11	10.10		
Nitrite as N	< 0.17	mg/L	10/07/11	4:51		KF
litrate as N by EPA Method 300.0 Rev. 2.1	~ 0.17	Hight	10,0,7,11	4,01		Ki
Nitrate as N	0.84	mg/L	10/07/11	4:51		KF
Sulfate by EPA Method 300.0 Rev. 2.1	V 1					
Sulfate	22.0	mg/L	10/31/11	14:22		KF
Chloride by LACHAT 10-117-07-1-A		-	,			
Chloride	145	mg/L	10/19/11	12:26		PJ
litrogen Ammonia, SM4500-NH3 G.		-				
Nitrogen Ammonia by SM4500NH3	1,65	mg/L	10/14/11	12;14		PJ
tesidue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	667.0	mg/L	10/11/11	12:30		KF
Sample No: 1J06040-03	Collec	t Date:	10/06/11	11:15		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault#3	Glenwood		
arameter	Results	Units	Analysis I	Date & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1	***************************************		,,		GMAIIIOI	Allalyst
На	7.40	pH Units	10/06/11	16:22	- 8	ba
ecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	10/06/11	15:15		PJ
Itrite as N by EPA Method 300.0 Rev. 2.1	-					
Nitrite as N	< 0.17	mg/L	10/07/11	5:04		KF
itrate as N by EPA Method 300.0 Rev. 2.1		·				
Nitrate as N	0.58	mg/L	10/07/11	5:04		KF

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Marcher

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 1J06040-03	Collect Date: 10/06/11 11:15					
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		
Parameter	Results	s Units	Analysis I	Date & Time	Qualifier	Analyst
Sulfate by EPA Method 300.0 Rev. 2.1						•
Sulfate	54.0	mg/L	10/31/11	15:02		KF
Chloride by LACHAT 10-117-07-1-A						
Chloride	12.1	mg/L	10/19/11	12:36		PJ
Nitrogen Ammonla, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.06	mg/L	10/14/11	12:15		ΡJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	500.0	mg/L	10/11/11	12:30		KF
Comple Net of 100040 04	Colle	ct Date:	10/06/11	11:15		
Sample No: 1J06040-04 Client ID: Foulkes Utilities (SI Glenwood)	CONC	Site:	Vault # 4 Glenwood			
Parameter	Results	s Units	Analysis I	Date & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1						
pH	7.46	pH Units	10/06/11	16:27		ba
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	10/06/11	15:15		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.17	mg/L	10/07/11	5:17		KF
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	0.67	mg/L	10/07/11	5:17		KF
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	31.4	mg/L	10/31/11	15:16		KF
Chloride by LACHAT 10-117-07-1-A						
Chloride	32.3	mg/L	10/19/11	12:31	E	₽J
litrogen Ammonia, SM4500-NH3 G.						
•						

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certifled Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Marsher

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208 (815) 344-4044 FAX (815) 344-2208

Sample No: 1J06040-04 Client ID: Foulkes Utilities (SI Glenwood)	Collect Date: Site:	10/06/11 11:15 Vault # 4 Glenwood	
Parameter	Results Units	Analysis Date & Time	Qualifier Analyst
Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	500.0 mg/L	10/11/11 12:30	KF

QUALIFIERS

E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

D DUP associated with analytical batch failed to meet acceptance criteria of < 20% RPD.</p>

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174 Date Received: 01/12/12 15:00

Report Date: 2/3/2012 NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 2A12016-01	Colle	ect Date:	01/12/12	10:00			
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 1	Clenwood			
Parameter	Result	s Units	Analysis	Date & Time	Qualifier	Analyst	
pH, Electrometric by EPA Method 150.1			•			Analyst	
рН	7.57	pH Units	01/12/12	15:45		ba	
Fecal Coliform: Membrane-Filter by SM 9222D.							
Coliform, Fecat	< 1	100ml	01/12/12	15:50		ba	
Nitrite as N by EPA Method 300.0 Rev. 2.1							
Nitrite as N	< 0.17	mg/L	01/12/12	23:10		KF	
Nitrate as N by EPA Method 300.0 Rev. 2.1		1				NI	
Nitrate as N	0.60	mg/L	01/12/12	23:10		KF	
Sulfate by EPA Method 300.0 Rev. 2.1							
Sulfate	24.1	mg/L	01/31/12	15:37		KF	
Chloride by LACHAT 10-117-07-1-A							
Chloride Ship again	36.6	mg/L	01/25/12	10:18		PJ	
Nitrogen Ammonia, SM4500-NH3 G.							
Nitrogen Ammonia by SM4600NH3	0.07	mg/L	01/13/12	11:54	D	PJ	
Residue, Filterable, Dried at 180 C by SM 2540 C.							
Total Dissolved Solids	433.0	mg/L	01/17/12	12:00		KF	
ā							
Sample No: 2A12016-02	Colle	ct Date:	01/12/12	10:00			\neg
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2	Glenwood			
Parameter	Results	Units	Analysis I	Date & Time	Qualifier	Anglunt	
pH, Electrometric by EPA Method 150.1					-Granital	Analyst	
PH	7.01	pH Units	01/12/12	15:45		ba	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

What Marchen

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2A12016-02			01/12/12			
Client ID: Foulkes Utilities (SI Glenwood)	<u> </u>	Site:	Vault # 2	Glenwood		_
Parameter	Result	s Units	Analysis	Date & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.						raidiyot
Coliform, Fecal	< 1	100ml	01/12/12	15:50		ba
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.17	mg/L	01/12/12	23:23		KF
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.34	mg/L	01/12/12	23:23		KF
Sulfate by EPA Method 300.0 Rev. 2.1			- 10			1 14
Sulfate	135	mg/L	01/31/12	16:30		KF
Chloride by LACHAT 10-117-07-1-A						,
Chloride	13.8	mg/L	01/25/12	10:21		PJ
Nitrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.11	mg/L	01/13/12	11:59		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.		-				10
Total Dissolved Solids	733.0	mg/L	01/17/12	12:00		KF
Sample No: 2A12016-03	Collec	t Date:	01/12/12	10:30		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3 Glenwood			
Parameter	Results				-	
PH, Electrometric by EPA Method 150,1	I/G9 III/S	Onits	Analysis L	ate & Time	Qualifier	Analyst
pH	7.26	pH Units	01/12/12	15.45		
ecal Coliform: Membrane-Filter by SM 9222D.	D3.1	pri Onio	VIIIZIIZ	15:45		ba
Coliform, Fecal	- 1	100m²	04/40/40	45.50		20.0
litrite as N by EPA Method 300.0 Rev. 2.1	< 1	100ml	01/12/12	15:50		ba
Nitrite as N			04.440.440			
litrate as N by EPA Method 300.0 Rev. 2.1	< 0.17	mg/L	01/12/12	23:37		KF
Nitrate as N	0.74		04140440			
	0.74	mg/L	01/12/12	23:37		KF

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories
McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.
Endorsment by the Federal or State Government or their agencies is not implied.
State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279
State of Illinois Bacteriological Analysis in Dripking Water Cartiford Leb Registry No. 47559

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Who Muchen



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2A12016-03	Colle	ct Date:	01/12/12	10:30		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		
Parameter	Result	s Units	Analysis I	Date & Time	Qualifier	Analyst
Sulfate by EPA Method 300.0 Rev. 2.1			•			
Sulfate	20.7	mg/L	01/31/12	16:44		KF
Chloride by LACHAT 10-117-07-1-A						
Chloride	173	mg/L	01/25/12	10:30		PJ
lltrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.09	mg/L	01/13/12	12:00		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	633.0	mg/L	01/17/12	12:00		KF
O I N 222222	Colle	ot Data:	DAMADIAO	40.20		
Sample No: 2A12016-04	Collect Date:		01/12/12 10:30 Vault # 4 Glenwood			
Client ID: Foulkes Utilities (SI Glenwood)		Site:				····
arameter	Results	s Units	Analysis I	Date & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1						
pH	7.33	pH Units	01/12/12	15:45		ba
ecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	01/12/12	15:50		ba
litrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.17	mg/L	01/12/12	23:50		KF
litrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	0.66	mg/L	01/12/12	23:50		KF
ulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	24.1	mg/L	01/31/12	16:57		KF
hloride by LACHAT 10-117-07-1-A						
Chloride	35.8	mg/L	01/25/12	10:27		PJ
îtrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.10	mg/L	01/13/12	12:01		PJ
					2.0	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208 (815) 344-4044 FAX (815) 344-2208

Collect Date: 01/12/12 10:30 Sample No: 2A12016-04 Client ID: Foulkes Utilities (SI Glenwood) Site: Vault # 4 Glenwood Parameter Results Units Analysis Date & Time Qualifier Analyst Residue, Filterable, Dried at 180 C by SM 2540 C. **Total Dissolved Solids** 767.0 ma/L 01/17/12 12:00 KF

QUALIFIERS

E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

D DUP associated with analytical batch failed to meet acceptance criteria of < 20% RPD.</p>

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratorles participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: 04/19/12 14:30

Report Date: 4/26/2012

Facility Number:

NPDES/SI Permit Number: 2005-GO-5042

Facility Name:

Glenwood School

Sample No: 2D19026-01		ect Date:	04/19/12 11:00			
Client iD: Foulkes Utilities (SI Glenwood)	Site:		Vault # 1	Glenwood		
Parameter	Result	s Units	Analysis	Date & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1			•		SCHOOL STORY	Analyst
На	7.64	pH Units	04/19/12	16:30		ba
Fecal Coliform: Membrane-Filter by SM 9222D.						Ug
Coliform, Fecal	< 10	100ml	04/19/12	15:45		ha
Vitrite as N by EPA Method 300.0 Rev. 2.1	53	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0 11 101 12	10,43		ba
Nitrite as N	< 0.17		- пиноно	20:57		is .
litrate as N by EPA Method 300.0 Rev. 2.1			04/10/12	20.57	1000	18
Nitrate as N Comment of the Page of the Pa	10 10 10 10 10 10 10 10 10 10 10 10 10 1	north:	04/40/40	00.57		8
surger by ELM (Method 300.0 KeV, Z.1 and the second	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		04/19/12.	20:57		JS ·
Sulfate (1) (1) (2) (2) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	9.75	modi		48.44		
Inloride by LACHAT 10-117-07-1-A	* 3.2.2.3.	, mga.	04/23/12	, 15:44	###009#000 # #000	J\$
Chloride gg	36.8	mg/L	04/25/12	44-00	CONCERNO TON	
itrogen Ammonia, SM4500-NH3 G.	JU.0.	mgrL	-04/20/-12	11:36		PJ
Nitrogen Ammonia by SM4500NH3	0 11	mg/L	04/20/12	15:40		
esidue, Filterable, Dried at 180 C by SM 2540 C.	0 11	HIGH	04/20/12	15:48		PJ
Total Dissolved Solids	433.0	ma/l	04/04/40	44.00		
	400.0	mg/L	04/24/12	14:00		ba
Sample No: 2019026-02	Collec	xt Date:	24/40/40	14.00	-	
Client ID: Foulkes Utilities (SI Glenwood)	COILE		04/19/12			
arameter		Site:	vault # 2	Glenwood		
	Results	Units	Analysis D	ate & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1						,
pH	7.46	pH Units	04/19/12	16:30		ba

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2D19026-02			04/19/12			
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2	Glenwood		
Parameter	Results	s Units	Analysis	Date & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.						· iii iii yot
Coliform, Fecal	< 10	100ml	04/19/12	15:45		ba
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.17	mg/L	04/19/12	21:11		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1		0				
Nitrate as N	0.86	mg/L	04/19/12	21:11		JS
Sulfate by EPA Method 300,0 Rev. 2.1		-				
Sulfate	16.4	mg/L	04/23/12	15:57		JS
Chloride by LACHAT 10-117-07-1-A		-				
Chloride	96.9	mg/L	04/25/12	11:37		PJ
Nitrogen Ammonia, SM4500-NH3 G.		-				
Nitrogen Ammonia by SM4500NH3	0.12	mg/L	04/20/12	15:49		РЈ
Residue, Filterable, Dried at 180 C by SM 2540 C.		•				1.0
Total Dissolved Solids	467.0	mg/L	04/24/12	14:00		ba
Sample No: 2D19026-03	Collec	t Date:	04/19/12			
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		
Parameter	Results	Units	Analysis [Date & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1			,			unailer
рH	7.48	pH Units	04/19/12	16:30		ba
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 10	100mi	04/19/12	15:45	7/2	ba
Nitrite as N by EPA Method 300.0 Rev. 2.1				, = +		er all
Nitrite as N	< 0.17	mg/L	04/19/12	21.24		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1	31.11	<u>.</u>		-V F DE T		10
Nitrate as N	< 0.34	mg/L	04/19/12	21:24		JS
	4.41			-1.27		J O

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2D19026-03 Client ID: Foulkes Utilities (SI Glenwood)	Co	Collect Date: 04/19/12 11:15 Site: Vault # 3 Glenwood			•			
Parameter	Resi	ults	Units		Date & Time	Qualifier	Amaluet	
Sulfate by EPA Method 300.0 Rev. 2.1	, , , , ,			. uzuiyoto	Parto M 111116	wuamiet	Analyst	
Sulfate	82,	6 n	ng/L	04/23/12	16:11		JS	
Chloride by LACHAT 10-117-07-1-A								
Chloride	12.	6 n	ng/L	04/25/12	11:38		PJ	
Nitrogen Ammonia, SM4500-NH3 G.								
Nitrogen Ammonia by SM4500NH3	0.0	6 n	ng/L	04/20/12	15.50		PJ	
Residue, Filterable, Dried at 180 C by SM 2540 C.						55		
Total Dissolved Solids	567.	.0 n	ng/L	04/24/12	14:00		ba	
Sample No. 2D19026-04	Co	liect	Date:	04/19/12	11:15	<u>;;,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	·····	
Client ID: Foulkes Utilities (SI Glenwood)		•	Site:	Vault # 4 Glenwood		80		
Parameter	Resu	ilte	Units	Analysis Date & Time		Overlitte		
H, Electrometric by EPA Method 150.1	11031		Cinto	miniyələ i	Jake OF THINE	Qualifier	Analyşt	
pH	7.6	1 p	H Units	04/19/12	. 16:30		ba	
ecal Coliform: Membrane-Filter by SM 9222D,					. 10100		Ja	
Coliform, Fecal	< 1		100ml	04/19/12	15:45		ba	
Nitrite as N by EPA Method 300.0 Rev. 2.1	. ,		. 2011	97/10/1A	10.40		กล	
Nitrite as N	< 0.1	7	mg/L	04/19/12	21:38		JS	
litrate as N by EPA Method 300.0 Rev. 2.1	- 0.1			O II JVI IA	-1,00		Jo	
Nitrate as N	< 0.3	4	mg/L	04/19/12	21:38		JS	
Sulfate by EPA Method 300.0 Rev. 2.1	- 0.0	•		- 11 (W/)M	-1100		30	
Sulfate .	8.81	m	g/L	04/23/12	16:24	9	JS	
Chloride by LACHAT 10-117-07-1-A	2177	31,	J -		101001		30	
Chloride	36.4	m	g/L	04/25/12	11:40		РJ	
litrogen Ammonia, SM4500-NH3 G.			~	,			, •	
Nitrogen Ammonia by SM4500NH3	0.03		g/L	04/20/12	15:51		PJ	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Muchen

[^] This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2D19026-04 Collect Date: 04/19/12 11:15 Client ID: Foulkes Utilities (SI Glenwood) Site: Vault # 4 Glenwood **Parameter** Results Units Analysis Date & Time Qualifier Analyst Residue, Fliterable, Dried at 180 C by SM 2540 C. **Total Dissolved Solids** 433.0 mg/L 04/24/12 14:00 ba

OUALIFIERS

E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAPITNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: 07/12/12 14:27 Report Date: 7/27/2012

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 2G12033-01 Client ID: Foulkes Utilities (SI Glenwood)	Collec	ct Date: Site:	07/12/12 11:30 Vault # 1 Glenwood			. "
Parameter	Results	Units		Date & Time	Ouglisies	A 1 1
pH, Electrometric by EPA Method 150.1	reauts	Onits	Wilelasia r	vare or time	Qualifier	Analyst
pH	7.55	pH Units	07/12/12	16:14		JS
Fecal Coliform: Membrane-Fliter by SM 9222D.						V-
Coliform, Fecal	< 1	100ml	07/12/12	15:50		ÞJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrité as N Tentron de la fillation de la pour de la particular de la par	~ U.QQ	mg/L	07/13/12	8:08	10001	JS · · · · · ·
Nitrate as N by EPA Method 300.0 Rev. 2.1	A Programme Action	/	07/13/12 35	g 8:08		JS
a carriedades da que a araba de grana escularan da estapa a constituir de se Sulfate estados por comenciada a margio contra persona estados es	12.1	ma/L	07/16/12	14:18		Js
Chloride by LACHAT 10-117-07-1-A			e ja samen en en en La samen en en en La samen en en		S100 0 - 20	The transfer
Chloride		mg/L		15:44		PJ
Nitrogen Ammonia, SM4500-NH3 G.			8 220		0.00	
Nitrogen Ammonia by SM4500NH3	0.19	mg/L	07/13/12	11:15		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.			0.0			
Total Dissolved Solids	500.0	mg/L	07/17/12	10:30	22	ba
Sample No: 2G12033-02 Client ID: Foulkes Utilities (SI Glenwood)	Collec	t Date: Site;	07/12/12 1 Vault # 2 0	1:30 Glenwood		
Parameter	Results	Units	Analysis D	ata & Time	Ouglities	*
pH, Electrometric by EPA Method 150.1		21110	Zalaryolo D	MAG OF THE STATE OF	Qualifier	Analyst
pH	7.36	pH Units	07/12/12	16:14		JS

sults contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certifled by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208 (815) 344-4044 FAX (815) 344-2208

Sample No: 2G12033-02 Client ID: Foulkes Utilities (SI Glenwood)	Collect Date: 07/12/12 11:30 Site: Vault # 2 Glenwood		•		•		Z Z	
Parameter	Result	s Units	Analysis	Date & Time	Qualifier	Analyst		
ecal Coliform: Membrane-Filter by SM 9222D.						, ii tai ya c		
Collform, Fecal	< 1	100ml	07/12/12	15:50		PJ		
litrite as N by EPA Method 300.0 Rev. 2.1								
Nitrite as N	< 0.38	mg/L	07/13/12	8:22		JS		
litrate as N by EPA Method 300.0 Rev. 2.1								
Nitrate as N	0.47	mg/L	07/13/12	8:22		JS		
ulfate by EPA Method 300.0 Rev. 2.1		-		_				
Sulfate	29.5	mg/L	07/16/12	14:45		JS		
hloride by LACHAT 10-117-07-1-A		-				**		
Chloride	134	mg/L	07/20/12	15;54	D , E	PJ		
ltrogen Ammonia, SM4500-NH3 G.		•		· • •	_ ,	, .		
Nitrogen Ammonia by SM4500NH3	0.06	mg/L	07/13/12	11:16		PJ		
esidue, Filterable, Dried at 180 C by SM 2540 C.			******	,,,,,				
Total Dissolved Solids	733.0	mg/L	07/17/12	10:30		ba		
Sample No: 2G12033-03	Colle	ct Date:	07/12/12	11:30		······		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood				
arameter	Results	Units	Analysis [Date & Time	Qualifier	Analyst		
H, Electrometric by EPA Method 150.1					-country	Allalyst		
pH	7.58	pH Units	07/12/12	16:14		JS		
ecal Coliform: Membrane-Filter by SM 9222D.								
Coliform, Fecal	<1	100ml	07/12/12	15:50		PJ		
itrite as N by EPA Method 300.0 Rev. 2.1	·							
Nitrite as N	< 0.38	mg/L	07/13/12	8:35		JS		
itrate as N by EPA Method 300.0 Rev. 2.1	. 5.55					V O		
Nitrate as N	< 0.27	mg/L	07/13/12	8:35		JS		
	~ U.A./	gr =	OTT TOT TA	0.00		<i>3</i> 3		

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis In Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Maden

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2G12033-03	Collect Date					
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		
Parameter	Results	Units	Analysis I	Date & Time	Qualifier	Analyst
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	97.1	mg/L	07/16/12	14:58		JS
Chloride by LACHAT 10-117-07-1-A						
Chloride	13.0	mg/L	07/20/12	15:50		ΡJ
Nitrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.28	mg/L	07/13/12	11:17		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	567.0	mg/L	07/17/12	10:30		ba
					<u></u>	
Sample No: 2G12033-04	Colleg	ct Date:	07/12/12			
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 4	Glenwood		
Parameter	Results	Units	Analysis I	Date & Time	Qualifier	Analyşt
H, Electrometric by EPA Method 150.1			•			
рН	7.64	pH Units	07/12/12	16:14		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	07/12/12	15:50		РJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38	mg/L	07/13/12	8:49		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.27	mg/L	07/13/12	8:49		JS
Sulfate by EPA Method 300.0 Rev. 2.1		-				
Sulfate	14.5	mg/L	07/16/12	15:11	14	JS
Chloride by LACHAT 10-117-07-1-A						
Chloride	40.8	mg/L	07/20/12	15:51		PJ
litrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.30	mg/L	07/13/12	11:18		PJ

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Cortified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Collect Date: 07/12/12 11:30 Sample No: 2G12033-04 Client ID: Foulkes Utilities (SI Glenwood) Site: Vault # 4 Glenwood **Parameter** Results Units **Analysis Date & Time** Qualifier Analyst Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids 433.0 mg/L 07/17/12 10:30 ba

QUALIFIERS

Ε MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

DUP associated with analytical batch failed to meet acceptance criteria of < 20% RPD.

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certifled by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208 (815) 344-4044 FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: 10/25/12 14:48

Report Date: 11/19/2012

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Collect Date:		10/25/12 1	1:00		•
	Site:	Vault#10	Glenwood		
Results	Units	Analysis D	ate & Time	Qualifier	Analyst
					·
7,31	pH Units	10/25/12	15:49		JS
< 1	100ml	10/25/12	15:37		PJ
				4 4 4 4	60760 M, A 12 L
< 0.38	mg/L	10/25/12	22:18		CR
Kessi,a arkad yy	J - 450 ***				
		ो10/25/12 ा	22:18		CR
A. S. C.	5 (A= (\$M)	· ·			
44.9	ring/Line	10/29/12	15:40		JS
	4-45		ist i		
12.7	mg/L	11/14/12	10:52		PJ
0.17	mg/L	10/26/12	11;44		JS
467.0	mg/L	10/30/12	9:50		ba
Collec	t Date:	10/25/12 1	1:00		
	Site:	Vault # 2 0	Slenwood		
Results	Units	Analysis D	ate & Time	Qualifier	Analyst
	7.31 <1 <0.38 <0.38 <0.38 <0.34 <0.38 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.34 <0.3	Site: Results Units 7.31 pH Units 4.1 100ml 4.38 mg/L 4.4.9 mg/L 4.4.9 mg/L 4.7.0 mg/L 467.0 mg/L Collect Date: Site:	Site: Vault # 1 (Results Units Analysis Di 7.31 pH Units 10/25/12 <1 100ml 10/25/12 <0.38 mg/L 10/25/12 <1.46 mg/L 10/25/12 12.7 mg/L 11/14/12 0.17 mg/L 10/26/12 467.0 mg/L 10/30/12 Collect Date: 10/25/12 1 Site: Vault # 2 (Site: Vault # 1 Glenwood	Site: Vault # 1 Glenwood

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs:

Endorsment by the Federal of State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556
McHenry Analytical Laboratories, 4314 A Crystal Lake Road, McHenry, II. 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2J25017-02	Collect Date:		10/25/12	11:00		
Client ID: Foulkes Utilities (SI Glenwood)	Site:		Vault # 2	Glenwood		
Parameter	Results U	nits	Analysis I	Date & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.			•		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7 11 121 1 0 1
Coliform, Fecal	< 1 10	0ml	10/25/12	15:37		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38 mg	g/1.	10/25/12	22;32		CR
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	0.47 mg/l		10/25/12	22:32		CR
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	106 mg/l	_	10/29/12	15:54		JS
Chioride by LACHAT 10-117-07-1-A						
Chloride	13.7 mg/L	_	11/14/12	10:55		PJ
Nitrogen Ammonia, SM4500-NH3 G.						
Nitrogen Ammonia by SM4500NH3	0.23 mg/L		10/26/12	11:51		JS
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	533,0 mg/L	•	10/30/12	9:50		ba
Sample No: 2J25017-03	Collect Da	te:	10/25/12	11:15		
Client ID: Foulkes Utilities (SI Glenwood)	Si	te:	Vault # 3 Glenwood			
Parameter	Results Un	its	Analysis D	ate & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1					addinio:	Allalyst
На	7.29 pH U	nits	10/25/12	15:49		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1 100)in	10/25/12	15;37		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						-
Nitrite as N	< 0.38 mg	/L	10/25/12	22:45		CR
Nitrate as N by EPA Method 300.0 Rev. 2.1						41.
Nitrate as N	2,01 mg/L		10/25/12	22:45		ÇR

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mach Mindler



4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2J25017-03 Client ID: Foulkes Utilities (SI Glenwood)	Collect Date: Site:		10/25/12 Vault # 3	11:15 Glenwood		
Parameter	Results			Date & Time	Qualifler	Anabat
Sulfate by EPA Method 300.0 Rev. 2.1	176auts	Oints	Allalyolo L	Sero or Time	Quanner	Analyst
Sulfate	45.6	mg/L	10/29/12	16:07		JS
Chloride by LACHAT 10-117-07-1-A						-
Chloride	130	mg/L	11/14/12	10:57		ΡJ
Nitrogen Ammonia, SM4500-NH3 G.		_				
Nitrogen Ammonia by SM4500NH3	0.05	mg/L	10/26/12	11:53		JS
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	633.0	mg/L	11/06/12	8:40		ba
Sample No. 2 195047 04	Collect Date:		10/25/12	11.15		
Sample No: 2J25017-04 Client ID: Foulkes Utilities (SI Glenwood)	Site:			Glenwood		
Parameter						
	Results	Units	Analysis I	Date & Time	Qualifier	Analyst
OH, Electrometric by EPA Method 150.1			§			
pH	7.37	pH Units	10/25/12	15:49		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	10/25/12	15:37		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38	mg/L	10/26/12	8:39	E	JS
litrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.27	mg/L	10/26/12	8:39	E	JS
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	8.25	mg/L	10/29/12	16:21		J\$
hloride by LACHAT 10-117-07-1-A						
Chloride	42.5	mg/L	11/14/12	10:58		PJ
litrogen Ammonia, SM4500-NH3 G.						
				11:54		

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. McHenry, IL 60050-4208

(815) 344-4044 FAX (815) 344-2208

Sample No: 2J25017-04 Collect Date: 10/25/12 11:15 Client ID: Foulkes Utilities (SI Glenwood) Site: -Vault # 4 Glenwood Parameter Results Units **Analysis Date & Time** Qualifier Analyst Residue, Filterable, Dried at 180 C by SM 2540 C. **Total Dissolved Solids** 400.0 mg/L 11/06/12 8:40 ba

OUALIFIERS

Ε

MS and or MSD associated with analytical batch falled to meet acceptance criteria due to matrix effects.

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

** Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Atln: Erik Butler 1114 S. 13th Street St. Charles IL, 60174

Date Received: 12/19/13 14:15

Report Date: 1/8/2014

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name:

Glenwood School

Sample No: 3L19037-01 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: Site:		12/19/13 Vault # *	09:30 Glenwood		
Parameter	Resul	ts Units		Date & Time	Qualifier	A
pH, Electrometric by EPA Method 150.1					Quanner	Analyst
pH Facel Calif	7.26	рН	12/19/13	15:30		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	12/19/13	15:12		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38	mg/L	12/19/13	17:41		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	1.30	mg/L	12/19/13	17:41		JS
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	17.4	rng/L	12/30/13	13:44		JS
Chloride by LACHAT 10-117-07-1-A						
Chloride	5.46	mg/L	01/08/14	10:37		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	< 0.02	mg/L	12/20/13	15:35		ΡJ
lesidue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	433.0	mg/L	12/24/13	8:30		вА
Sample No: 3L19037-02	Collec	t Date.	12/19/13 (9:35		
Client ID: Sheaffer Roland (SI Glenwood)		Site:		Glenwood		
arameter	Results	Units				
H, Electrometric by EPA Method 150.1	Redita	UIRES	milalysis D	ate & Time	Qualifier	Analyst
рH	7.54	рH	12/19/13	15:30		JS

the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis In Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314 A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3L19037-02	Collect Date:		12/19/13			
Client ID: Sheaffer Roland (SI Glenwood) Parameter		Site:	Vault # 2	Glenwood		
	Results	Units	Analysis	Date & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.						•
Coliform, Fecal	< 1	100ml	12/19/13	15:12		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38	mg/L	12/19/13	17:55		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.75	mg/L	12/19/13	17:55		JS
Sulfate by EPA Method 300.0 Rev. 2.1		_	-	.,,==		110
Sulfate	92.9	mg/L	12/30/13	13:58		JS
Chloride by LACHAT 10-117-07-1-A		_				40
Chloride	12.7	ng/L	01/08/14	10:38		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997			# 17 # 01 1 - 3	10.00		FJ
Nitrogen Ammonia by SM4500NH3	< 0.02	mg/L	12/20/13	15:36		D.I
Residue, Filterable, Dried at 180 C by SM 2540 C.	· 0.02	···g· L	(LILO/10	13.50		PJ
Total Dissolved Solids	533.0 r	ng/L	12/24/13	8:30		ВА
						D/ (
Sample No: 3L19037-03	Collect	Date:	12/19/13	9:45		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 3	Glenwood		
arameter	Results	Units	Analysis D	ate & Time	Qualifier	Analose
H, Electrometric by EPA Method 150.1					wuamet	Analyst
рH	7.46 p	Н	12/19/13	15;30		JS
ecal Coliform: Membrane-Filter by SM 9222D.	·					00
Coliform, Fecal	< 1	100mi	12/19/13	15:12		PJ
litrite as N by EPA Method 300.0 Rev. 2.1	•		10170			LA
Nitrite as N	< 0.38	mg/L	12/19/13	18:09		10
itrate as N by EPA Method 300.0 Rev. 2.1	· 0.30	mg/L	12/19/19	10.08		JS
Nitrate as N	1.06 m	ıg/L	12/19/13	10.00		16
	1,00 11	.g.∟	12/18/13	18:09		JS

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by.

Mhh Machen

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3L19037-03 Client ID: Sheaffer Roland (SI Glenwood)		Collect Date: 12/19/13 09:45 Site: Vault # 3 Glenwood						
Parameter		Result			Date & Time	Qualifier	A l	_
Sulfate by EPA Method 300.0 Rev. 2.1		riocuit	5 51110	Allayolo	Date & Table	Qualifier	Analyst	
Sulfate .		26.6	mg/L	12/30/13	14:12		JS	
Chloride by LACHAT 10-117-07-1-A								
Chloride		109	mg/L	01/08/14	10:40		PJ	
Nitrogen Ammonia, SM4500-NH3 G - 1997								
Nitrogen Ammonia by SM4500NH3		< 0.02	mg/L	12/20/13	15:37		PJ	
Residue, Filterable, Dried at 180 C by SM 2540 C.			-				. 117	
Total Dissolved Solids		533.0	mg/L	12/24/13	8:30		BA	
Sample No: 3L19037-04		Colle	ct Date:	12/19/13	10:00			_
Client ID: Sheaffer Roland (Si Glenwood)	Site:		Vault # 4 Glenwood					
arameter	Ġ.	Results	Units	Analysis [Date & Time	Qualifier	Analyst	
H, Electrometric by EPA Method 150.1						otaaiiiiei	Analyst	
рН		7.51	pН	12/19/13	15:30		JS	
ecal Coliform: Membrane-Filter by SM 9222D.								
Coliform, Fecal		< 1	100ml	12/19/13	15:12		PJ	
litrite as N by EPA Method 300.0 Rev. 2.1							, ,	
Nitrite as N		< 0.38	mg/L	12/19/13	18:23		JS	
itrate as N by EPA Method 300.0 Rev. 2.1			Ū	17			50	
Nitrate as N		< 0.75	mg/L	12/19/13	18:23		JS	
ulfate by EPA Method 300.0 Rev. 2.1							30	
Sulfate		7.75	mg/L	12/30/13	14:26		JS	
hioride by LACHAT 10-117-07-1-A			-				50	
Chloride		62.6	mg/L	01/08/14	10:41		PJ	
itrogen Ammonia, SM4500-NH3 G - 1997			•				. •	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3L19037-04 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: Site:	12/19/13 1 Vault # 4 (
Parameter Residue, Filterable, Dried at 180 C by SM 2540 C.	Results Units	Analysis Date & Time		Qualifier	Analyst
Total Dissolved Solids	467.0 mg/L	12/24/13	8:30		BA

QUALIFIERS

MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

LABORATORY RESULTS

Sheaffer Roland (Si Glenwood) Attn: Erik Butler 1114 S. 13th Street St. Charles IL, 60174

Date Received: 09/26/13 14:35

NPDES/SI Permit Number: 2005-GO-5042

Report Date: 10/10/2013

Facility Number:

Facility Name: Glenwood School

Sample No: 3l26024-01 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: Site:		09/26/13 09:30 Vault # 1 Glenwood		(2)	
Parameter	Resul	ts Units			O 110	
pH, Electrometric by EPA Method 150.1	241	0,,,,,	Analysis	Date of 1HIIO	Qualifier	Analyst
pH	7.39	pH Units	09/26/13	15: 2 2		JS
Fecal Coliform: Membrane-Filter by SM 9222D.				19122		35
Coliform; Fecal	< 10	100ml	09/26/13	15:26		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1				10.20		PJ
Nitrite as N	< 0.38	mg/L	09/26/13	19:33		10
Nitrate as N by EPA Method 300.0 Rev. 2.1		·		10,00		JS
Nitrate as N	1.27	mg/L	09/26/13	19:33		JS
Sulfate by EPA Method 300.0 Rev. 2.1	***	·				10
Sulfate	29.9	mg/L	09/30/13	13:00		JS
Chloride by LACHAT 10-117-07-1-A						JJ
Chloride	9.01	mg/L	10/09/13	10:59		nonnu
Nitrogen Ammonía, SM4500-NH3 G - 1997						penny
Nitrogen Ammonia by SM4500NH3	< 0.02	mg/L	09/27/13	11:44		
Residue, Filterable, Dried at 180 C by SM 2540 C.		•				per
Total Dissolved Solids	400.0	mg/L	10/01/13	8:45		BA
Sample No: 3/26024-02	Calla	4 Data			·	· · · · · · · · · · · · · · · · · · ·
Client ID: Sheaffer Roland (SI Glenwood)	Collec	t Date:	09/26/13			
Parameter		Site:	vault # 2	Glenwood		
H, Electrometric by EPA Method 150.1	Results	Units	Analysis D	ate & Time	Qualifier	Analyst
pH						
por.	7.47	pH Units	09/26/13	15:22		JS

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3/26024-02	Collect Date:					
Client ID: Sheaffer Roland (SI Glenwood) Parameter	Resui	Site:		2 Glenwood Date & Time	0	
Fecal Coliform: Membrane-Filter by SM 9222D. Coliform, Fecal Nitrite as N by EDA Method 200 a B	< 1	100ml	09/26/13	15:26	Qualifier	Analyst PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1 Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.38	mg/L	09/26/13	20:15		JS
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.75	mg/L	09/26/13	20:15		JS
Sulfate Chloride by LACHAT 10-117-07-1-A Chloride	88.6	mg/L	09/30/13	13:13		JS
Nitrogen Aminonia, SM4500-NH3 G - 1997	13.0	mg/L	10/ 09/13	11:05		penny
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	0.12	mg/L	09/27/13	11:45		periny
Town Disability Strings	500.0	mg/L	10/01/13	8:45		BA
Sample No: 3!26024-03 Client ID: Sheaffer Roland (SI Glenwood)	Colle	ct Date: Site:	09/26/13 10:05 Vault # 3 Glenwood			<u> </u>
Parameter PH, Electrométric by EPA Method 150.1	Results	Units		Date & Time	Qualifier	Analyst
ecal Coliform: Membrane-Filter by SM 9222D. Coliform, Fecal	7.28	pH Units	09/26/13	15:22		JS
itrite as N by EPA Method 300.0 Rev. 2.1	1	100ml	09/26/13	15:26		_e bì
Itrate as N by EPA Method 300.0 Rev. 2.1	< 0.38	mg/L	09/26/13	20:42		JS
TIME GO II	2.49	,mg/L	09/26/13	20:42		JS

^{**} Results contained in this report relate only to the iterns tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Marka



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3i26024-03 Client ID: Sheaffer Roland (SI Glenwood)	Coll	ect Date: Site:	09/26/13	10:05 Glenwood		
Parameter	Daniel					
Sulfate by EPA Method 300.0 Rev. 2.1	Resul	its Units	Analysis	Date & Time	Qualifier	Analyst
Sulfate	21,5	mg/L	09/30/13	13:27		
Chloride by LACHAT 10-117-07-1-A	_110	gr.	00/00/15	13.21		18
Chloride	104	mg/L	10/09/13	11:08		
Nitrogen Ammonia, SM4500-NH3 G - 1997			10/00/10	11.00		реплу
Nitrogen Ammonia by SM4500NH3	< 0.02	mg/L	09/27/13	11:46		
Residue, Filterable, Dried at 180 C by SM 2540 C.	0.02		30,21110	ULTO		pel
Total Dissolved Solids	467.0	rng/L	10/01/13	8;45		ВА
Sample No: 3126024-04	Colle	ect Date:	09/26/13	10:15		
Client ID: Sheaffer Roland (SI Glenwood)	Site:		Vault # 4	Glenwood		
Parameter	Result	s Units		Date & Time	Qualifier	
pH, Electrometric by EPA Method 150.1		,			Anailli61	Analyst
pH ·	7.50	pH Units	09/26/13	15:22		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						00
Colliform, Fecal	< 10	100ml	09/26/13	15:26		PJ
litrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38	mg/L	09/26/13	20:56		JS
litrate as N by EPA Method 300.0 Rev. 2.1			(8)			J.
Nitrate as N	< 0.75	mg/L	09/26/13	20:56		JS
ulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	9.00	mg/L	09/30/13	13:41		JS
hioride by LACHAT 10-117-07-1-A						
	58.0	mg/L	10/09/13	11:09		penny
itrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	0.04	mg/L	09/27/13	11:48		penny

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3l26024-04 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: Site:	09/26/13 10:15 Vault # 4 Glenwood	 	
Parameter Residue, Filterable, Dried at 180 C by SM 2540 C.	Results Units	Analysis Date & Time	 Analyst	
Total Dissolved Solids OUALIFIERS	433.0 mg/L	10/01/13 8:45	BA	

QUALIFIERS

MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects. E

DUP associated with analytical batch failed to meet acceptance criteria of < 20% RPD.

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Itlinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: 06/27/13 14:46 Report Date: 7/12/2013

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 3F27038-01	Colle	ot Date:	06/27/13	10:50		
Client ID: Foulkes Utilities (S) Glenwood)		Site		Glenwood		
Parameter	Results	Units		Date & Time	O	
pH, Electrometric by EPA Method 150.1	***************************************	- 0/110	Airaiyele i	Sore or Little	Qualifier	Analyst
pH	7.34	pH Units	06/27/13	15:56		JS
Fecal Coliform: Membrane-Filter by SM 9222D.		,		10.00		Jo
Coliform, Fecal	< 1	100ml	06/27/13	15:18		5.1
Nitrite as N by EPA Method 300.0 Rev. 2.1		, , , , , , , ,	00/21/10	15.16		₽J
Nitrite as N	< 0.38	mg/L	06/28/13	a. a . 8;43 - √11 2 -	error dischiel sie	tone matter
Nitrate as N by EPA Method 300.0 Rev. 2.1			, 00/20/45 · 1.			JS
TO Nitrate las Nicola (Colores of Colores of Colores (Colores) និង និង ប្រជាជាតិ ប្រជាជាក្នុង (Colores of Colores) និង ប្រជាពី ប្រជាជាក្នុង (Colores of Colores) និង ប្រជាពី	1.02	mg/L.:	06/28/13	8:43		JS
Pullage by Charletthod 300.0 Rev. 2.1 To the Charlet School	T. 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 17 0 15 10 10 10 10 10 10 10 10 10 10 10 10 10	THE FIRE	0.40		JO
AS Sullate with a size of the size of the Contrate back of the says of the say	29.0	mg/L	07/01/13	13:27		JS
Chiloride by LACHAT 10-117-07-1-A	Jyje tych	Li Liu Su	Table Land Land	a in the same of the same		io io
Chloride	11.7	mg/L	07/10/13	11:15		penny
litrogen Ammonia, SM4500-NH3 G - 1997		-	, ,			penny
Nitrogen Ammonia by SM4500NH3	< 0.02	mg/L	06/28/13	13:23		Por.
lesidue, Filterable, Dried at 180 C by SM 2540 C.		•		70.20		per
Total Dissolved Solids	433.0	mg/L	07/02/13	10:15		BA
	=	-910	1.00	N 1980a W		0A
Sample No: 3F27038-02	Collect	Date:	-08/27/13 1	1:05		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2 0		. '	
arameter	Results	Units				
H, Electrometric by EPA Method 150.1	Veanis	OINES	Analysis D	ate & Ilme	Qualifier	Analyst
На	7.09	oH Units	08/27/13	45.50		
				15:56		JS
* Results contained in this report relate only to the items tested or to the	samples n	eceived by	the Laborator	/		
This report shall not be reproduced, except in full, without the written a fairlenry Analytical Laboratories participates in the following accreditation and produced by the Endergles State Courses	approval of I	McHenry A	nalytical Labor	ratories		

McHerry Analytical Laboratories participates in the following accreditation/certification and proficiency program Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3F27038-02 Client ID: Foulkes Utilities (Si Glenwood)	Colle	ect Date: Site:	06/27/13	•		
Parameter Fecal Coliform: Membrane-Filter by SM 9222D.	Resul			Glenwood Date & Time		Analyst
Coliform, Fecal Nitrite as N by EPA Method 300.0 Rev. 2.1	42	100ml	06/27/13	15:18		PJ
Nitrite as N Nitraté as N by EPA Method 300.0 Rev. 2.1	< 0.38	mg/L	06/28/13	8:57		JS
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.75	mg/L	06/28/13	8:57		JS
Sulfate Chloride by LACHAT 10-117-07-1-A	85.8	mg/L	07/01/13	13:41		JS
Chloride Nitrogen Ammonia, SM4500-NH3 G - 1997	11.1	mg/L	07/10/13	11;23		penny
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	0.13	mg/L	06/28/13	13:25		penny
Total Dissolved Solids	500,0	mg/L	07/02/13	10:15		ВА
Sample No: 3F27038-03	Coile	ct Date:				
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		
H, Electrometric by EPA Method 150.1	Results	s Units	Analysis D	ate & Time	Qualifier	Analyst
рн ecal Coliform: Membrane-Filter by SM 9222D.	7.14	pH Units	08/27/13	15:56		JS
Collions, Fecal itrite as N by EPA Method 300.0 (Rev. 2.1)	< 1	100ml	06/27/13	15:18	US 330 A	PJ
Nitrite as N itrate as N by EPA Method 300.0 Rev. 2.1	< 0.38	mg/L	06/26/13	9:37	E	JS
Nitrate as N	1.34	mg/L	06/28/13	9:37		JS

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

Certified by:

Mah Mada

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

	200					
Sample No: 3F27038-03 Client ID: Foulkes Utilities (SI Glenwood)	Colle	ect Date:	06/27/13			
Parameter	D	Site:		3 Glenwood		
Sulfate by EPA Method 300.0 Rev. 2.1	Resul	ts Units	Analysis	Date & Time	Qualifier	Analyst
Sulfate	22.4	mg/L	07/01/13	13:54		10
Chloride by LACHAT 10-117-07-1-A			QIII II II	10.04		JS
Chloride	169	nig/L	07/10/13	11:26		penny
Nitrogen Ammonia, SM4500-NH3 G - 1997		-		*		penny
Nitrogen Ammonia by SM4500NH3	< 0.02	mg/L	06/28/13	13:26		per
Residue, Filterable, Dried at 180 C by SM 2540 C.		-				GCI
Total Dissolved Solids	667.0	mg/L	07/02/13	10:15		BA
	_					
Sample No: 3F27038-04	Colle	ct Date:	06/27/13 11:15			
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 4 Glenwood			
Parameter	Results	s Units	Analysis	Date & Time	Qualifier	Amalusa
pH, Electrometric by EPA Method 150.1			•		Quanner!	Analyst
pH	7.40	pH Units	08/27/13	15:56		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100mt	08/27/13	15:18		PJ
Vitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38	mg/L	06/28/13	10:04		JS
litrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	1.74	mg/L	06/28/13	10:04		JS
ulfate by EPA Method 300,0 Rev. 2.1						
	6.44	mg/L	07/01/13	14:08		JS
Hioride by LACHAT 10-117-07-1-A	522		٠	500 8 . 501 0	1 32	18 1861
itrogen Ammonia, SM4500-NH3 G - 1997	40.2	mg/L	07/10/13	11:27		penny
Nitrogen Ammonia by SM4500NH3						
Amose Aminotia by Sigrauuvill3	< 0.02	mg/L	06/28/13	13:27		per
- The second of	< 0.02	mg/L	06/28/13	13:27		per

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3F27038-04 Collect Date: 06/27/13 11:15

Client ID: Foulkes Utilities (SI Glenwood) Site: Vault # 4 Glenwood

Parameter Results Units Analysis Date & Time Qualifier Analyst

Residue, Filterable, Dried at 180 C by SM 2540 C.

Total Dissolved Solids 433.0 mg/L 07/02/13 10:15 BA

OUALIFIERS

E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystat Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

LABORATORY RESULTS

Foulkes Utilities (SI Glenwood) Attn: Charles Foulkes 1114 S. 13th Street St. Charles IL, 60174

Date Received: 03/21/13 14:25 Report Date: 4/10/2013

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No.: 3C21027-01	Collec	ot Date:	03/21/13 1	2:00		, , , , , , , , , , , , , , , , , , ,
Client ID: Foulkes Offiliaes (SI Glenwood)		Slie	Vault#10	Henwood		
Parameter	Results	Units	Analysis Da	ate & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1			•			> interfor
Hq	7.48	pH Units	03/21/13	15:55		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 10	100ml	03/21/13	15:10		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.38	mg/L	03/21/13	18:41	200	JS
Nitrate as N by EPA Method 300.0 Rev. 2.1		2-				•••
Wilfrain as North research engage to be 100 April 18 19 19 19		mg/L	03/21/13	18:41		JS
Sulfate by EPA Method 300,0 Rev. 2,1	i de la		enna nastara. T			013
Sulfate with the second agreement to be a second to enter the	11. Oct. 15.	mg/L	03/25/13	16:33		JS
Chloride by LACHAT 10-117-07-1-A			kanist e	CHEE IN C		
Chloride	5,51	mg/L	03/27/13	12:41		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997						, 0
Nitrogen Ammonia by SM4500NH3	< 0.04	mg/L	03/22/13	13:44		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.	- 0.04	111g/2	00/22/10	10.77		ru
Total Dissolved Solids	267.0	me/l	04/02/13	8:51		BA
	40,10	11,9,2	O NOL TO	0.01		DA
Sample No: 3C21027-02	Collect	t Date:	03/21/13 12	 2:00		
Client ID: Foulkes Utilities (St Glenwood)		Site:	Vault # 2 G			
Parameter	Results	Units	Analysis Da			
pH, Electrometric by EPA Method 150.1	modula	Onne	MILETYSIS DE	ra or tillie	Qualifier	Analyst
рН	7,32	pH Units	03/21/13	15:55		10
a the second sec	I,GE	Pri Omis	00/21/10	10:00		JS

^{**} Repulls contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endersment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lub Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3C21027-02	Colle	ct Date:	03/21/13	12:00		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 2	Glenwood		
Parameter	Result	s Units	Analysis i	Date & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.			100			,
Coliform, Fecal	< 1	100ml	03/21/13	15:10		PJ
Nitrite as N by EPA Method,300.0 Rev. 2.1		8				
Nitrite as N	< 0.38	mg/L	03/21/13	18:54		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1		_				
Nitrate as N	< 0.75	mg/L	03/21/13	18:54		JS
Sulfate by EPA Method 300.0 Rev. 2.1						V O
Suifate	70.2	mg/L	03/25/13	16:47		JS
Chloride by LACHAT 10-117-07-1-A		\$-	40.20.10			U.G
Chloride	10.4	mg/L	03/27/13	12:57		РJ
Nitrogen Ammonia, SM4500-NH3 G - 1997				12,01		, 5
Nitrogen Ammonia by SM4500NH3	< 0.04	mg/L	03/22/13	13:46		РJ
Residue, Filterable, Dried at 180 C by SM 2540 C.	~ 0.04	11191E	GOIEE 10	10.40		ΓŲ
Total Dissolved Solids	300.0	mg/L	04/02/13	8:51		ВА
	<u> </u>					
Sample No: 3C21027-03	Collec	ct Date:	03/21/13	12:15		
Client ID: Foulkes Utilities (SI Glenwood)		Site:	Vault # 3	Glenwood		
Parameter	Results	Units	Analysis [Date & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1			•			Allaiyat
рН	7.43	pH Units	03/21/13	15:55		JS
ecal Coliform: Membrane-Filter by SM 9222D.		15				
Coliform, Fecal	< 1	100ml	03/21/13	15:10		PJ
litrite as N by EPA Method 300.0 Rev. 2.1	1			, · •		
Nitrite as N	< 0.38	mg/L	03/21/13	19:07		Js
itrate as N by EPA Method 300.0 Rev. 2.1	- 0.00	******	400 E 11 I O	10,07		JU
Nitrate as N	2.27	mg/L	03/21/13	19:07		JS
	4.41	mgr =	3012 11 10	19:00		30

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacterlological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Mah Marker

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories.



4314-A Crystal Lake Rd. • McHenry, IL 60050 • (815) 344-4044 • FAX (815) 344-2208

Sample No: 3C21027-04 Client ID: Foulkes Utilities (SI Glenwood) Parameter	Collect Date: Site:	03/21/13 12:15 Vault # 4 Glenwood	
Residue, Filterable, Dried at 180 C by SM 2540 C.	Results Units	Analysis Date & Time	Qualifier Analyst
Total Dissolved Solids OUALIFIERS	367.0 mg/L	04/04/13 9:40	BA
E MS and or MSD associated with applytical batch to			

MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

SAMPLE CONTAINER CHECK IN

Temperature Preservation Discrepancy noted

** Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208 Email: www.mchenrylab.com



LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Attn: Jason Fowler 611 Stevens St. Genoa IL, 60134 Date Received: 03/13/14 16:20 Report Date: 12/11/2015

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 4C13050-01	Colle	ct Date:	03/13/14 0	7:15		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault#10	Slenwood		
Parameter	Results	Units	Analysis D	ate & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 160.1			-			, may or
рH	7,92	ρН	03/13/14	17:00		BA
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 10	100ml	03/13/14	16:46	Н	PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	03/14/14	13;17		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	0.92	mg/L,	03/14/14	13:17		JS
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	13.2	mg/L	03/25/14	2:02		JS
Chloride by LACHAT 10-117-07-1-A						
Chioride	1.76	mg/L	03/26/14	11:31		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	0.06	mg/L	03/28/14	11:45		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	367.0	mg/i.	03/24/14	16:00		BA
Sample No: 4C13050-02	Colle	ct Date:	03/13/14 0	7:25		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 2 C	Henwood		
Parameter	Results	Units	Analysis Da	ate & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1						analyst
рН	6.99	рН	03/13/14	17:00		BA

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHerry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Leboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 4C13050-02	Colle	ct Date:	03/13/14 0	7:25		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 2 (3lenwood	· · · · · · · · · · · · · · · · · · ·	
Parameter	Results	Units	Analysis D	ate & Time	Qualifier	Analyst
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	03/13/14	16:46	Н	PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	03/14/14	13:31		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.35	mg/L	03/14/14	13:31		JS
Sulfate by EPA Method 300.0 Rev. 2.1						
Suifate	96.9	mg/∟	03/25/14	2:16		JS
Chloride by LACHAT 10-117-07-1-A						
Chloride	15.4	mg/L	03/26/14	11:43		PJ
Vitrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonla by SM4500NH3	0.08	mg/L	03/28/14	11:46		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	600.0	mg/L	03/24/14	16:00		ВА
Sample No: 4C13050-03	Colle	ct Date:	03/13/14 0	7:35		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault #3 0	€lenwood		
Parameter	Results	Units	Analysis Da	ate & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1			-			
рН	7.29	pН	03/13/14	17:00		BA
ecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	03/13/14	16:46	н	PJ
litrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	03/14/14	14:12	E	JS
litrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	1.55	mg/L	03/14/14	14:12		JS

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 190279
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208 Email: www.mchenrylab.com



Sample No: 4C13060-03	Colle	ct Date:				
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 3 (enwood		
Parameter	Results	Units	Analysis Da	ate & Time	Qualifier	Analyst
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	24.8	mg/L	03/25/14	2:29		JS
Chloride by LACHAT 10-117-07-1-A						
Chloride	130	mg/L	03/26/14	11:45		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	03/28/14	11:48		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	600.0	mg/L	03/24/14	18:00		ВА
Sample No: 4C13050-04	Colie	ct Date:	03/13/14 07:45			
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault#4 C	Bienwood		
Parameter	Results	Units	Analysis D	ate & Time	Qualifier	Analyst
oH, Electrometric by EPA Method 150.1						•
Нq	7.47	рΗ	03/13/14	17:00		BA
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	03/13/14	16:46	Н	PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	03/14/14	14:40		JS
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.35	mg/L	03/14/14	14:40		JS
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate by EPA Method 300.0 Rev. 2.1 Sulfate	7.37	mg/L	03/25/14	2;43		JS
	7.37	mg/L	03/25/14	2;43		JS
Sulfate	7.37 63.1	mg/L mg/L	03/25/14	2;43 11:51		JS PJ
Sulfate Chloride by LACHAT 10-117-07-1-A						

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 4C13050-04 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: Site:	Site: Vault # 4 Glenwood ts Units Analysis Date & Time	
Parameter	Results Units	Analysis Date & Time	Qualifier Analyst
Residue, Filterable, Dried at 180 C by SM 2540 C.			·
Total Dissolved Solids	433.0 mg/L	03/24/14 16:00	BA

QUALIFIERS

- Z LRB was greater than the LOD for the batch associated with this sample
- H This test was performed after expiration of the appropriate regulatory/advisory "hold time"
- E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Leboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208 Email: www.mchenrylab.com



SAMPLE CONTAINER CHECK IN

There are no Chemical or Temperature discrepancies noted for this work order.

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 190279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17558

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Attn: Jason Fowler 611 Stevens St. Genoa IL, 60134

Date Received: 06/19/14 15:30

Report Date: 12/11/2015 NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 14F1944-01	Colle	ct Date:	06/19/14 (7:20		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 1	Glenwood		
Parameter	Results	Units	Analysis D	ate & Time	Qualifi	OF A-41-44
pH, Electrometric by EPA Method 150.1					WORKEN	er Analyst
рH	7.44	ρH	06/19/14	16:18		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						•••
Collform, Fecal	<1	100ml	08/19/14	16:32	н	ÞJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						10
Nitrite as N	< 0.35	mg/L	06/19/14	21:33		CR
Nitrate as N by EPA Method 300.0 Rev. 2.1				21100		OIT
Nitrate as N	< 0.35	mg/L	06/19/14	21:33		CR
Sulfate by EPA Method 300.0 Rev. 2.1		-	,			OI (
Sulfate	5.97	mg/L	06/24/14	2:07		JS
Chloride by LACHAT 10-117-07-1-A		-				
Chloride	2.80	mg/L	06/30/14	18:16		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	06/27/14	12:12		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.		Ŧ				1.4
Total Dissolved Solids	333.0	mg/L	06/30/14	15:50		BA
Sample No: 14F1944-02	Collec	t Date:	06/19/14 07	7:30		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 2 G	lenwood		
Parameter PH, Electrometric by EPA Method 150,1	Results	Units	Analysis Da	te & Time	Qualifie	Analyst

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No., 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No , 17558

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 14F1944-02	Coll	ect Date:	06/19/14 (7:30		
Client ID: Sheaffer Roland (St Glenwood)		Site:	Vault # 2	Glenwood		
Parameter	Resulte	Units	Analysis D	ate & Time	Qualifie	Analyst
pH, Electrometric by EPA Method 150.1			,		of mailing	Analysi
На	7.57	р∺	06/19/14	16:18		js
Fecal Collform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	10	100ml	06/19/14	16:32	н	PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						. •
Nitrite as N	< 0.35	mg/L	06/19/14	21:47		CR
Vitrate as N by EPA Method 300.0 Rev. 2.1		•				VI
Nitrate as N	< 0.35	mg/L	06/19/14	21:47		CR
Sulfate by EPA Method 300,0 Rev. 2.1	5.00	···g·=		41.71		UR
Sulfate	71.8	mg/L	06/24/14	2:21		JS
Chloride by LACHAT 10-117-07-1-A		•				VO
Chloride	18.0	mg/L	06/30/14	18:24		PJ
litrogen Ammonia, SM4500-NH3 G - 1997				10.24		FU
Nitrogen Ammonia by SM4500NH3	0.06	mg/L	06/27/14	12:18		PJ
tesidue, Filterable, Dried at 180 C by SM 2540 C.			- 41=1111	14.14		rd
Total Dissolved Solids	467.0	mg/L	06/30/14	15:50		ВА
Sample No: 14F1944-03	Colle	ct Date:	06/19/14 0	 7:40		**
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 3 G	ilenwood		
arameter	Results	Units	Analysis Da	te & Time	Qualifier	Analyst
H, Electrometric by EPA Method 150.1			-			Anaiyat
Hq	7.56	рH	06/19/14	16:18		JS
ecal Coliform: Membrane-Filter by SM 9222D.						- *
Coliform, Fecal	122	100ml	06/19/14	16:32	н	₽J
itrite as N by EPA Method 300.0 Rev. 2.1					**	• •

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analylical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Comple No. 4454044.00	Colle	ct Date:	06/19/14 0	7:40		
Sample No: 14F1944-03 Client ID: Sheaffer Roland (SI Glenwood)	COIIE	Site:	Vault # 3 (
Parameter	D====14=				0110	
Nitrate as N by EPA Method 300.0 Rev. 2.1	Results	Units	Analysis D	ate & Ime	Qualifier	Analyst
Nitrate as N	3.13	mg/L	06/19/14	22:01		CR
Sulfate by EPA Method 300.0 Rev. 2.1	3.13	ing/L	00/18/14	22.01		OR
Sulfate	5.57	mg/L	06/24/14	2:34		JS
Chloride by LACHAT 10-117-07-1-A	Ų.Ų.	III-g/L	00/24/14	2.04		Ųů.
Chloride	5,42	m g/L	06/30/14	18:26		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997	0.42	mg/L	ODIGOT 17	10.20		10
Nitrogen Ammonia by SM4500NH3	40 AF	mg/L	06/27/14	12:20		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	เหมู่หะ	UUIZII 14	12,20		1.0
Total Dissolved Solids	300.0	mg/L	06/30/14	15:50		ВА
Total Dissolvad Solids	500.0	iiig/L	00/30/14	10.00		DA
Sample No: 14F1944-04	Colle	ct Date:	06/19/14 0	7:50		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 4 (Blenwood		
Parameter	Results	Units	Analysis Date & Time		Qualifier	Analyst
pH, Electrometric by EPA Method 150.1	noouno	411,10			- Agginizor	Analyst
pH	7.34	ρН	06/19/14	16:18		JS
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	8	100ml	06/19/14	16:32	Н	PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	06/20/14	11:20		CR
Nitrate as N by EPA Method 300.0 Rev. 2.1		-				
Nitrate as N	12.05	mg/L	06/20/14	11:20		CR
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	18.4	mg/L	08/24/14	2:48		JS
Chloride by LACHAT 10-117-07-1-A						
Allerte	0.40	h	00100141	40-00		
Chloride	9.18	mg/L	06/30/14	18:22		PJ

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 14F1944-04 Client ID: Sheaffer Roland (Si Glenwood)	Collect Date: Site:		06/19/14 07:50 Vault # 4 Glenwood			
arameter Res		Units	Analysis Date & Time		Qualifier Analysi	
Nitrogen Ammonia, SM4500-NH3 G - 1997 Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	06/27/14	12:21	ı	PJ
esidue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	400.0	mg/L.	06/30/14	16:50	I	ВА

QUALIFIERS

H This test was performed after expiration of the appropriate regulatory/advisory "hold time"

E MS and or MSD associated with analytical batch falled to meet acceptence criteria due to matrix effects.

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



McHenry Analytical Water Laboratory, Inc. A Crystal Lake Rd. McHenry, 1L 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Attn: Jason Fowler 611 Stevens St. Genoa IL, 60134

Date Received: 09/18/14 15:00 Report Date: 12/11/2015

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 14I1844-01 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: Site:	09/18/14 08 Vault # 1 G		
Parameter pH, Electrometric by EPA Method 150.1	Results Units	Analysis Da	ite & Time	Qualifier Analyst
Hq	7.29 pH	09/18/14	16:15	PH
Fecal Coliform: Membrane-Filter by SM 9222D.				
Coliform, Fecal	< 1 100ml	09/18/14	16:35	PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1				
Nitrite as N	< 0.35 mg/L	09/19/14	10:47	PH
Nitrate as N by EPA Method 300.0 Rev. 2.1				
Nitrate as N	< 0.35 mg/L	09/19/14	10:47	PH
Sulfate by EPA Method 300.0 Rev. 2.1				
Sulfate	5.39 mg/L	09/22/14	21:06	PH
Chloride by LACHAT 10-117-07-1-A				
Chloride	1.15 mg/L	09/24/14	12:10	PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997				
Nitrogen Ammonia by SM4500NH3	< 0.05 mg/L	09/19/14	12:25	PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.				
Total Dissolved Solids	300.0 mg/L	09/30/14	9:42	ВА
Sample No: 14l1844-02	Collect Date:	09/18/14 08	:55	
Client ID: Sheaffer Roland (SI Glenwood)	Site:	Vault # 2 G	lenwood	
Parameter	Results Units	Analysis Dat	le & Time	Qualifier Analyst
PH, Electrometric by EPA Method 150.1		-		

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 14I1844-02	 Collect Date:		09/18/14 0	8:55		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 2			
Parameter	 Results	Units	Analysis D	ate & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1			-			
рН	7.56	pН	09/18/14	16:15		PH
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	< 1	100ml	09/18/14	16:35		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	09/19/14	11:43		РН
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.35	mg/L	09/19/14	11:43		PH
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	46.5	mg/L	09/22/14	21:20		PH
Chloride by LACHAT 10-117-07-1-A						
Chloride	16.2	mg/L	09/24/14	12:21		PJ
Nitrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	09/19/14	12:26		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	467.0	mg/L	09/30/14	9;42		BA
Sample No: 14l1844-03	Colle	ct Date:	09/18/14 09:10		,	
Client ID: Sheaffer Roland (SI Glenwood)	 	Site:	Vault #3 (Blenwood		_
Parameter	 Results	Units	Analysis D	ate & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1						
На	7 .37	pН	09/18/14	16:16		PH
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	21	100m)	09/18/14	16:35		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N		mg/L	09/19/14	11:57		PH

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



McHenry Analytical Water Laboratory, Inc. A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208 Email: www.mchenrylab.com



Sample No: 14l1844-03	Collect Date: 09/18/14 09:10		9:10			
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 3 G	Slenwood		
Parameter	Results	Units	Analysis D	ate & Time	Qualifier	Analyst
Vitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	2.57	mg/L	09/19/14	11:57	ŗ	PH .
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfale	16.5	mg/L	09/22/14	21:34	F	PH
Chloride by LACHAT 10-117-07-1-A						
Chloride	116	mg/L	09/24/14	12:24	F	า
Nitrogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	09/19/14	12:27	F	² J
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	533.0	mg/L	09/30/14	9:42	E	BA
Sample No: 14I1844-04	Colle	ct Date:	09/18/14 0	9:20		<u></u>
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 4 Glenwood			
Parameter	Results	Units	Analysis Date & Time		Qualifier	Analyst
oH, Electrometric by EPA Method 150.1						•
pH	7.40	рH	09/18/14	16:15	F	PH
Fecal Coliform: Membrane-Fliter by SM 9222D.						
Coliform, Fecal	< 1	100ml	09/18/14	16:35	F	บ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	09/19/14	12:11	F	°H
Nitrate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	1.24	mg/L	09/19/14	12:11	F	'H
Sulfate by EPA Method 300.0 Rev. 2.1						
Sulfate	22.3	mg/L	09/22/14	21:48	F	PH
Chloride by LACHAT 10-117-07-1-A						
Siliolide by LAGRAL 10-117-07-1-A						

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556
McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHanry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 14I1844-04 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: 09/18/14 09:20 ad (SI Glenwood) Site: Vault # 4 Glenwood					
Parameter	Results	Units	Analysis D	ste & Time	Qualifier	Analyst
Vitrogen Ammonia, SM4500-NH3 G - 1997						_
Nitrogen Ammonia by SM4500NH3	0.07	mg/L	09/19/14	12:28		PJ
Residue, Filterable, Dried at 180 C by SM 2540 C.						
Total Dissolved Solids	533.0	mg/L	10/03/14	16:35	н	BA

QUALIFIERS

Н This test was performed after expiration of the appropriate regulatory/advisory "hold time"

Е MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

D DUP associated with analytical batch failed to meet acceptance criteria of < 20% RPD.

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17558 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Attn: Erik Butler 611 Stevens St. Genoa IL, 60134

Date Received: 12/18/14 14:30 Report Date: 12/11/2015 NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Glenwood School

Sample No: 14L1843-01 Client ID: Sheaffer Roland (SI Glenwood)	Collect Dat		09:10 Glenwood	
Parameter pH, Electrometric by EPA Method 150.1	Results Unit	1-4177	ate & Time	Qualifier Analyst
pH Fecal Collform: Membrane-Filter by SM 9222D,	7.33 pH	12/18/14	16:10	PH
Collform, Fecal Total-P as P, by SM4500 F - 1999	< 1 100n	nl 12/18/14	16:42	PJ
Phosphate, Totel as P Nitrite as N by EPA Method 300.0 Rev. 2.1	0.025 mg/L	12/23/14	10:18	PJ
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.35 mg/L	12/18/14	21:35	РН
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.35 mg/L	12/18/14	21:35	РН
Sulfate Chloride by LACHAT 10-117-07-1-A	19.1 mg/L	12/29/14	13:03	РН
Nitrogen Ammonia, SM4500-NH3 G - 1997	2.76 mg/L	12/24/14	10:49	PJ
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	< 0.05 mg/L	12/19/14	14:01	PJ
iorai nissoivēd 20līdz	367.0 mg/L	12/22/14	15:47	8A

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconstn Bacteriological Analysis in Drinking Water Certified Lab DNR No . 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Leboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 14L1843-02	Col	lect Date:	12/18/14		
Client ID: Sheaffer Roland (SI Glenwood) Parameter		Site:	Vault # 2	Glenwood	
pH, Electrometric by EPA Method 150.1	Result	s Units	Analysis i	Date & Time	Qualifier Analyst
PH Fecal Coliform: Membrane-Filter by SM 9222D.	7.80	pН	12/18/14	16:10	РН
Coliform, Fecal Total-P as P, by SM4500 F - 1999	<1	100mi	12/18/14	16:42	PJ
Phosphate, Total as P Nitrite as N by EPA Method 300.0 Rev. 2.1	6.49	mg/L	12/30/14	9:49	PJ
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	12/18/14	22:44	PH
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	12/18/14	22:44	PH
Sulfate Chloride by LACHAT 10-117-07-1-A	10.9	mg/L	12/29/14	13:45	PH
Chloride Nitrogen Ammonia, SM4500-NH3 G - 1997	16.7	mg/L	12/24/14	10:53	PJ
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	mg/L	12/19/14	14:02	PJ
Total Dissolved Solids	567.0	mg/L	12/22/14	15;47	ВА
Sample No: 14L1843-03 Client ID: Sheaffer Roland (SI Glenwood)	Colle	ct Date:	12/18/14 0: Vault # 3 G		
Parameter oH, Electrometric by EPA Method 150.1	Results	Units	Analysis Da		Qualifier Analyst
pH Fecal Coliform: Membrane-Filter by SM 9222D.	7,53	pН	12/18/14	16:10	PH
Coliform, Fecal	3	100ml	12/18/14	16:42	PJ

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 14L1843-03	Со	lect Date:	12/18/14	09:45		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 3	Glenwood		
Parameter Total-P as P, by SM4500 F - 1999	Resul	ts Units	Analysis	Date & Time	Qualifier	Analyst
Phosphate, Total as P Nitrite as N by EPA Method 300.0 Rev. 2.1	0.690	mg/L	1 2/ 23/14	10:24	F	ห
Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	12/18/14	22:58	P	Н
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1 Sulfate	0,92	mg/L	12/18/14	22:58	Р	Н
Chloride Chloride	7.72	mg/L	12/29/14	20:00	P	Н
Nitrogen Ammonia, SM4500-NH3 G - 1997 Nitrogen Ammonia by SM4500NH3	171	mg/L	12/24/14	10:55	P.	J
Residue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids	< 0.05	mg/L	12/19/14	14:03	Ρ,	
	667.0	mg/L	12/22/14	15:47	84	1
Sample No: 14L1843-04 Client ID: Sheaffer Roland (SI Glenwood)	Colle	ct Date: Site:	12/18/14 1			
Parameter pH, Electrometric by EPA Method 150.1	Results	Units	Vault # 4 (Qualifier	Analyst
pH ecal Coliform: Membrane-Filter by SM 9222D. Coliform, Fecal	7.48	рН	12/18/14	16:10	РН	
otal-P as P, by SM4500 F - 1999	< 1	100mf	12/18/14	16:42	PJ	
Phosphate, Total as P Iltrite as N by EPA Method 300.0 Rev. 2.1	0.540	mg/L	12/23/14	10:26	PJ	
Nitrite as N	< 0.35	mg/L	12/18/14	29;12	PH	

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No . 105-10102

State of thisconsin bacteriological Analysis in Drinking vvalor Certified Lab DNR No. 105-10102

State of illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17558

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certifled by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, 1L 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 14L1843-04 Client ID: Sheaffer Roland (SI Glenwood)	Coll	ect Date: Site:	12/18/14 · Vault # 4	10:05 Glenwood	
Parameter Nitrate as N by EPA Method 300.0 Rev. 2.1	Result	s Units	Analysis D		Qualifier Analyst
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0,35	mg/L	12/18/14	29:12	PH
Sulfate hloride by LACHAT 10-117-07-1-A	19.5	mg/L	12/29/14	14:12	PH
Chlorida trogen Ammonia, SM4500-NH3 G - 1997	79,4	mg/L	12/24/14	10:56	PJ
Nitrogen Ammonia by SM4500NH3 esidue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	mg/L	12/19/14	14:12	PJ
Total Dissolved Solids	633.0	mg/L	12/22/14	16:47	ВА

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 180279 State of litinois Bacteriological Analysis in Drinking Water Certified Lab Registry No . 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

> Certified by: Penny Janus, Project Manager

MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects. Ę

D DUP associated with analytical batch falled to meet acceptance criteria of < 20% RPD.

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHerry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Attn: Erik Butler 611 Stevens St. Genoa IL, 60134

Date Received: 03/19/15 14:40 Report Date: 4/8/2015

NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name: Gl

Glenwood School

Sample No: 15C1923-01 Client ID: Sheaffer Roland (SI Glenwood)	Colle	ect Date: Site:	03/19/15 (Vault # 1 (7:15 Glenwood		
rameter	Results	Units	Analysis D		Qualific	ar Amphae
l, Electrometric by EPA Method 150,1					o(nanth	er Analysi
рН	7.62	рН	03/19/15	17:30		BA
cal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	<1	100ml	03/19/15	16:02	Н	ΡJ
tal-P as P, by SM4500 F - 1999						
Phosphate, Total as P	0.046	mg/L	04/07/15	11:12		PJ
trite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	03/20/15	7;39		CR-
trate as N by EPA Method 300.0 Rev. 2.1						
Nitrate as N	< 0.35	mg/L	03/20/15	7:39		CR
Ifate by EPA Method 300.0 Rev. 2.1						
Sulfate	5.38	mg/L	03/22/15	23:06		CR
loride by LACHAT 10-117-07-1-A						
Chloride	< 1.00	mg/L	04/06/15	12:54		PJ
rogen Ammonia, SM4500-NH3 G - 1997						
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	03/20/15	17:47		PJ
sidue, Filterable, Dried at 180 C by SM 2540 C.		-				-
Total Dissolved Solids	300.0	mg/L	03/23/15	13:00		ВА

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certifled by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208 Email: www.mchenrylab.com



Sample No: 15C1923-02	Colle	ect Date:	03/19/15 (07:25		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault#2	Gienwood		
Parameter	Results	Units	Analysis D	ate & Time	Qualifie	Analyst
pH, Electrometric by EPA Method 150.1						ruidiyət
На	7.65	рΗ	03/19/15	17:30		BA
Fecal Coliform: Membrane-Filter by SM 9222D.						
Coliform, Fecal	<1	100ml	03/19/15	16:02	н	PJ
Total-P as P, by SM4500 F - 1999						
Phosphate, Total as P	5.26	mg/L	04/07/15	11:13		PJ
Nitrite as N by EPA Method 300.0 Rev. 2.1						
Nitrite as N	< 0.35	mg/L	03/20/15	0:00		CR
litrate as N by EPA Method 300.0 Rev. 2.1		-				
Nitrate as N	< 0.35	mg/L	03/20/15	0:00		CR
Sulfate by EPA Method 300.0 Rev. 2.1		·				O.C.
Sulfate	89.1	mg/L	03/22/15	22:09		CR
chloride by LACHAT 10-117-07-1-A		8				Ç(t
Chloride	15.7	mg/L	04/06/15	12:56		PJ
lifrogen Ammonia, SM4500-NH3 G - 1997						, ,
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	03/20/15	17:48		PJ
esidue, Filterable, Dried at 180 C by SM 2540 C.	****			11110		r u
Total Dissolved Solids	533.0	mg/L	03/23/15	13:00		BA
						D.,
Sample No: 15C1923-03	Collec	Collect Date: 03/19/15 07:40		7:40		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault #3 G	lenwood		
arameter	Results	Units	Analysis Da		0	
H, Electrometric by EPA Method 150.1	inoullo	Ailife	miaryolo Da	no of thing	Qualifier	Analyst
pH	7.63	pН	03/19/15	17:30		Dá
ecal Coliform: Membrane-Filter by SM 9222D.	1100	p	30/10/10	11:00		BA
Coliform, Fecal	< 1	100ml	03/19/15	16:02	Н	₽Į

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Leb DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100278

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 15C1923-03	Collect Date:		03/19/15 (07:40	•	.,	
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 3	ult # 3 Glenwood			
Parameter	Results	s Units	Analysis D	Analysis Date & Time		r Analyst	
Total-P as P, by SM4500 F - 1999					•	- mayat	
Phosphate, Total as P	1.06	mg/L	04/07/15	11:15		PJ	
Nitrite as N by EPA Method 300,0 Rev. 2.1							
Nitrite as N	< 0.35	mg/L	03/20/15	D:13		CR	
Nitrate as N by EPA Method 300.0 Rev. 2.1							
Nitrale as N	4.44	mg/L	03/20/15	0:13		CR	
Sulfate by EPA Method 300.0 Rev. 2.1							
Sulfate	16.8	mg/L	03/23/15	0:01		CR	
Chloride by LACHAT 10-117-07-1-A							
Chloride	74.2	mg/L	04/06/15	12:68		PJ	
Nitrogen Ammonia, SM4500-NH3 G - 1997		mg/L 03/2					
Nitrogen Ammonia by SM4500NH3	0.08		03/20/15	17:49		PJ	
Residue, Filterable, Dried at 180 C by SM 2540 C.					12		
Total Dissolved Solids	467.0	mg/L	03/23/15	13:00		ВА	
Sample No: 15C1923-04	Colle	ct Date:	03/19/15 0	7:55		<u> </u>	
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 4 0	enwood			
arameter	Results	Units	Analysis Da	ate & Time	Qualifier	Analyst	
H, Electrometric by EPA Method 150.1			•		4**************************************	Allalyst	
Нq	7.64	На	03/19/15	17:30		BA	
ecal Coliform: Membrane-Filter by SM 9222D.							
Collform, Fecal	< 1	100ml	03/19/15	16:02	н	рJ	
otal-P as P, by SM4500 F - 1999					n PJ		
Phosphate, Total as P	2.28	mg/L	04/07/15	11:22		PJ	
itrite as N by EPA Method 300.0 Rev. 2.1						- -	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556
McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208 Email: www.mchenrylab.com



Sample No: 15C1923-04 Client ID: Sheaffer Roland (SI Glenwood)		ect Date: Site:	03/19/15 0 Vault # 4 0		-
Parameter	Results	Units	Analysis D	ate & Time	Qualifier Analyst
Nitrate as N by EPA Method 300.0 Rev. 2.1					· may v
Nitrate as N	1.61	mg/L	03/20/15	0:27	CR
Sulfate by EPA Method 300.0 Rev. 2.1					
Sulfate	20.1	mg/L	03/23/15	0:15	CR
Chloride by LACHAT 10-117-07-1-A					-
Chloride	48.4	mg/L	04/06/15	13:05	PJ
litrogen Ammonia, SM4500-NH3 G - 1997					
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	03/20/15	17: 57	PJ
lesidue, Filterable, Dried at 180 C by SM 2540 C.	5.00				
Total Dissolved Solids	467.0	mg/L	03/23/15	13:00	ВА
	····				

QUALIFIERS

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Leboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

H Tale test was performed after expiration of the appropriate regulatory/advisory "hold time"

E MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects.

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Attn: Erik Butler 611 Stevens St. Genoa IL, 60134

Date Received: 06/25/15 14:52 Report Date: 7/9/2015

NPDES/SI Permit Number: 2005-GO-5042

Facility Number;

Facility Name: Glenwood School

Sample No: 15F2532-01 Client ID: Sheaffer Roland (SI Glenwood)	Collect Date: Site:			10:10 Glenwood	
Parameter pH, Electrometric by EPA Method 150.1	Results	Units		ate & Time	Qualifier Analyst
рн Fecal Collform: Membrane-Filter by SM 9222D,	7.28	рН	06/25/15	16:44	EE
Coliform, Fecal Fotal-P as P, by SM4500 F - 1999	21	100ml	06/25/15	16:36	PJ
Phosphate, Total as P Nitrite as N by EPA Method 300.0 Rev. 2.1	0.029	mg/L	06/30/15	10:46	PJ
Nitrile as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	06/25/15	18:45	МД
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	08/25/15	18:45	MD
Sulfate Chloride by LACHAT 10-117-07-1-A	3.63	mg/L	08/30/15	19:25	MD
Chloride litrogen Ammonia, SM4500-NH3 G - 1997	< 1.00	mg/L	07/08/15	15:37	PJ
Nitrogen Ammonia by SM4500NH3 esidue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	mg/L	06/29/15	14:44	PJ
Total Dissolved Solids	300.0	mg/L	06/30/15	10:00	ВА

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis In Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinols Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

> Certified by: Penny Janus, Project Manager

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 15F2532-02	Colle	ect Date:	06/25/15	10;20		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 2	Glenwood		
Parameter	Results	Units	Analysis D	ate & Time	Qualifier	Analyst
pH, Electrometric by EPA Method 150.1			•		Gualille)	Analyst
pH	7.07	pН	06/25/15	16:44	1	ΞE
Fecal Coliform: Membrane-Filter by SM 9222D.						_
Coliform, Fecal	54	100mJ	08/25/15	16:36	E	ય
Total-P as P, by SM4500 F - 1999					•	
Phosphate, Total as P	5,20	mg/L	06/30/15	10:56		ม
Nitrite as N by EPA Method 300.0 Rev. 2.1			***************************************	10,00		J
Nitrite as N	< 0.35	mg/L	08/25/15	18:57		in
Nitrate as N by EPA Method 300.0 Rev. 2.1	~ 0.55	⊌/⊏	OGIZOJ IG	10:07	٨	MD
Nitrate as N	< 0.3 5	ma/l	ACMENE	40.67	-	
ulfate by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	06/25/15	18:57	M	1D
Sulfate	38,0	mg/L	08/30/15	40.52		
Chloride by LACHAT 10-117-07-1-A	50,0	mg/c	09/30/18	19:37	N	D
Chloride	11.2	mell	07100145	45.14		
ltrogen Ammonia, SM4500-NH3 G - 1997	11.2	mg/L	07/08/15	15:44	P	J
Nitrogen Ammonia by SM4500NH3	. 2. 2. 2		0.00044.5			
desidue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	mg/L	06/29/15	14:53	P.	J
Total Dissolved Solids	107 5					
	467.0	mg/L	06/30/15	10:00	8/	٩
Sample No: 15F2532-03	Collec	t Date:	06/25/15 10	0:35		
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 3 G	lenwood		
arameter	Results	Units	Analysis Da		O	
H, Electrometric by EPA Method 150.1		51110	manyole Da	ING OF LILIE	Qualifier	Analyst
pH	7.45	рH	06/25/15	16:44		
ecal Coliform: Membrane-Filter by SM 9222D.		p	00/20/10	10,44	EE	•
Coliform, Fecal	164	100ml	06/25/15	16:36	PJ	

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:	Party
	Donnis bassa Destant Man

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 15F2532-03 Client ID: Sheaffer Roland (SI Glenwood)	Col	ect Date: Site:	06/25/15 Vault # 3	10:35 Glenwood	
Parameter Total-P as P, by SM4500 F - 1999	Result	s Units	Analysis I	Date & Time	Qualifier Analyst
Phosphate, Total as P Nitrite as N by EPA Method 300.0 Rev. 2.1	2.55	mg/L	06/30/15	10:59	ÞJ
Nitrite as N Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	06/25/16	20:58	MD
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	8.99	mg/L	06/25/15	20:58	MD
Sulfate hioride by LACHAT 10-117-07-1-A Chioride	7,91	mg/L	06/30/15	5 20:12	MD
Chionde Nitrogen Ammonia, SM4500-NH3 G - 1997	27.8	mg/L	07/08/15	15;46	PJ
Nitrogen Ammonia by SM4500NH3 Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	mg/L	06/29/15	14:55	PJ
Total Dissolved Solids	400.0	mg/L	06/30/15	10:00	ВА
Sample No: 15F2532-04 Client ID: Sheaffer Roland (SI Glenwood)	Colle	ct Date: Site:	06/25/15 1 Vault # 4 0		
Parameter PH, Electrometric by EPA Method 150.1	Results	Units	Analysis D		Qualifier Analyst
pH ecal Coliform: Membrane-Filter by SM 9222D.	7.22	pΗ	08/25/15	16:44	EE
Coliform, Fecal otal-P as P, by SM4500 F - 1999	11	100ml	06/25/15	16:36	PJ
Phosphate, Total as P Itrite as N by EPA Method 300.0 Rev. 2.1	1.91	mg/L	06/30/15	11:02	PJ
Nitrite as N	< 0.35	mg/L	06/25/15	19:57	MD

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs.

Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No . 17556 McHenry Analytical Leboratories , 4314-A Crystal Lake Road , McHenry, IL 60050.

Certified by: Penny Janus, Project Manager

^{**} Results contained in this report relate only to the items lested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 15F2532-04 Client ID: Sheaffer Roland (SI Glenwood)	Coll	lect Date: Site:	06/25/15 1 Vault # 4 (
Parameter Nitrate as N by EPA Method 300.0 Rev. 2.1	Result	6 Units	Analysis Da		Qualifier Analyst
Nilrate as N Sulfate by EPA Method 300.0 Rev. 2.1	2.16	mg/l.	06/25/15	19:57	MD
Sulfate Chloride by LACHAT 10-117-07-1-A	8.79	mg/L	06/30/15	20:36	ДМ
Chloride litrogen Ammonia, SM4500-NH3 G - 1997	5.01	mg/L	07/08/15	15:47	PJ
Nitrogen Ammonie by SM4500NH3 tesidue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	mg/L	06/29/15	14:56	PJ
Total Dissolved Solids	367.0	mg/L	08/30/15	10:00	ВА

QUALIFIERS

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Leboratories , NELAP/TNI accredited Laboratory No. 100278 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analylical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

Analyte falled to meet the required acceptance criteria for relative percent difference (RPD) of 20% between the MS and MSD. F

MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects. Ε

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



McHenry Analytical Water Laboratory, Inc. A Crystal Lake Rd. McHenry, 1L 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



LABORATORY RESULTS

Sheaffer Roland (SI Glenwood) Attn: Erik Butler 611 Stevens St. Genoa IL, 60134

Date Received: 09/17/15 15:05 Report Date: 9/30/2015 NPDES/SI Permit Number: 2005-GO-5042

Facility Number:

Facility Name:

Glenwood School

Sample No: 15/1753-02 Client ID: Sheaffer Roland (SI Glenwood)	Colle	ct Date: Site:	09/17/15 10 Vault # 2 G		-		
Oursell No.				· · · · · · · · · · · · · · · · · · ·			_
Total Dissolved Solids	333.0	mg/L	09/24/15	8:37	BA		
Residue, Fliterable, Dried at 180 C by SM 2540 C.		-		14114	F	1	
Nitrogen Ammonia by SM4500NH3	< 0.05	mg/L	09/25/15	13:10	PJ	ı	
Nitrogen Ammonia, SM4500-NH3 G - 1997		-		1 4-14-1	Ρ,	ı	
Chloride	2.98	mg/L	09/22/15	12:27	P.	ı	
Chioride by LACHAT 10-117-07-1-A	_	· v -		E4,43	М	D	
Sulfate	11.6	mg/L	09/22/16	22:39		-	
Sulfate by EPA Method 300.0 Rev. 2.1	3,00	gru	09/11/15	18:44	M	D	
Nitrate as N	0.66	mg/L	09/17/15	40.44		_	
Nitrate as N by EPA Method 300.0 Rev. 2.1	₹ 0.35	mg/L	09/17/15	18:44	N	ď	
Nitrite as N	< 0.35	O	004744				
Nitrite as N by EPA Method 300.0 Rev. 2.1	0.143	mg/L	09/30/15	11;35	P	J	
Phosphate, Total as P	0.143	m.a/I	0000045				
Total-P as P, by SM4500 F - 1999	< 10	100ml	09/17/15	16:45	F	น	
Collform, Fecal					249		
Fecal Coliform: Membrane-Filter by SM 9222D.	7.36	рH	09/17/15	17:45	E	BA	
pH							
pH, Electrometric by EPA Method 150.1	Result	s Units	Analysis 🛭	ate & Time	Qualifier	Analyst	
Parameter		Site:	Vault # 1	Glenwood			
Sample No: 15i1753-01 Client ID: Sheaffer Roland (SI Glenwood)	Col	lect Date:	09/17/15				

this report relate only to the items lested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation/certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17558

McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Leboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 15/1753-02	Co	llect Date:	09/17/15			
Client ID: Sheaffer Roland (SI Glenwood)		Site:	Vault # 2	Glenwood		
Parameter	Resul	ts Units	Analysis D	ate & Time	Qualifier	Analysi
pH, Electrometric by EPA Method 150.1						Allalyst
Hq	7.26	pН	09/17/15	17:45	į	3A
Fecal Coliform: Membrane-Filter by SM 9222D.					•	(
Collform, Fecal	< 1	100ml	09/17/15	16:45		2 J
Total-P as P, by SM4500 F - 1999			_	10100	•	- 1
Phosphate, Total as P	5.22	mg/L	09/30/15	11:36		.J
litrite as N by EPA Method 300.0 Rev. 2.1			*******	11.00	r	-J
Nitrite as N	< 0.35	mg/L	09/17/15	18:55	_	
litrate as N by EPA Method 300.0 Rev. 2.1	~ 0.35	mgr	V 0 /1//10	18;55	٨	1D
Nitrate as N	0.41	mg/L	001121112	48		
ulfate by EPA Method 300.0 Rev. 2.1	0.41	rng/L	09/17/15	18:55	M	1D
Sulfate	42.8		0010011			
hloride by LACHAT 10-117-07-1-A	42.0	mg/L	09/22/15	23:12	M	םו
Chloride	44.4					
itrogen Ammonia, SM4500-NH3 G - 1997	11.4	mg/L	09/22/15	12:28	P	J
Nitrogen Ammonia by SM4500NH3						
	< 0.05	mg/L	09/25/15	13:14	P.	J
esidue, Filterable, Dried at 180 C by SM 2540 C. Total Dissolved Solids						
Total pissorved bolids	500.0	mg/L	09/24/15	8:37	В	4
Sample No: 1511753-03	Colle	ect Date:	09/17/15 10):30		
Client ID: Sheaffer Roland (SI Glenwood)	Site: Vault #3 Glenwood					
urameter	Results	Units				
I, Electrometric by EPA Method 150.1	1004113	Othe	Analysis Da	it o lime	Qualifier	Analyst
На	7.28	Ηα	09/17/15	47:45		
cal Collform: Membrane-Filter by SM 9222D.	1.20	ווע	na/1//12	17:45	BA	
Coliform, Fecal	< 1	100ml	09/17/15	16:45	PJ	

^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory

McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Leboratories , NELAP/TNI accredited Laboratory No. 100279

State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No . 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by:

^{**} This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 1511753-03 Client ID: Sheaffer Roland (SI Glenwood)	Coll	ect Date:	09/17/15			
Parameter		Site:	Vault # 3	Glenwood		
Total-P as P, by SM4500 F - 1999	Results	Units	Analysis I	Date & Time	Qualifler	Analyst
Phosphate, Total as P	0.070		4=1==			
Nitrite as N by EPA Method 300.0 Rev. 2.1	0.072	mg/L	09/30/15	11:38	F	ภ
Nitrite as N						
Nitrate as N by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	09/17/15	19:06	V	/ID
Nitrate as N	0.70	_				
Sulfate by EPA Method 300.0 Rev. 2.1	0.72	mg/L	09/17/15	19:06	4	1D
Sulfate	00.0					
Chloride by LACHAT 10-117-07-1-A	23.6	mg/L	09/22/15	23:34	N	ID
Chloride	000	wa 0	A4 (0 A H =			
Nitrogen Ammonia, SM4500-NH3 G - 1997	200	mg/L	09/22/15	12:30	Р	J.
Nitrogen Ammonia by SM4500NH3						
Residue, Filterable, Dried at 180 C by SM 2540 C.	< 0.05	mg/L	09/25/15	13:15	P	J
Total Dissolved Solids	767.0	mg/L	09/24/15	0.07		
	707.0	пул	08/24/13	8:37	B	4
Sample No: 15 1753-04	Collect Date:		09/17/15 10:40			
Client ID: Sheaffer Roland (SI Glenwood)	1,-	Site:		Vault # 4 Glenwood		
arameter	Results	Units				
H, Electrometric by EPA Method 150.1	กออนแร	Digits	Analysis Da	ate & lime	Qualifier	Analyst
рН	7.54	рH	09/17/15	47445		
ecal Coliform: Membrane-Filter by SM 9222D.	,,,,,,	P++4	00/11/10	17:45	BA	A.
Collform, Fecel	<1	100ml	09/17/15	40.45		
otal-P as P, by SM4500 F - 1999	~ 1	IVURII	09/11/10	16:45	PJ	
Phosphate, Total as P	0.306	mg/L	09/30/15	44.44		
litrite as N by EPA Method 300.0 Rev. 2.1	0.000	ing/L	valoui 10	11:41	PJ	
Nitrite as N	4005	mad	00/47/45	40.47		
	< 0.35	mg/L	09/17/15	19:17	MI)

McHenry Analytical Laboratories participates in the following accreditation /certification and profictency programs. Endorsment by the Federal or State Government or their agencies is not implied.

State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102

State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accreditat Laboratory No. 100279
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556
McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, IL 60050.

Certified by: Penny Janus, Project Manager

^{**} Results contained in this report relate only to the Items tested or to the samples received by the Laboratory
** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



A Crystal Lake Rd. McHenry, IL 60050-4314

Phone: (815) 344 4044 Fax: (815) 344 2208

Email: www.mchenrylab.com



Sample No: 15i1753-04 Client ID: Sheaffer Roland (Si Glenwood)	Collect Date: Site:		09/17/15 10:40 Vault # 4 Glenwood		
Parameter Nitrate as N by EPA Method 300.0 Rev. 2.1	Results	Units	Analysis D	ate & Time	Qualifier Analyst
Nitrate as N Sulfate by EPA Method 300.0 Rev. 2.1	< 0.35	mg/L	09/17/15	19:17	MD
Sulfate Shloride by LACHAT 10-117-07-1-A	29.7	mg/L	09/22/15	23:44	MD
Chloride Krogen Ammonia, SM4500-NH3 G - 1997	86.2	mg/L	09/22/15	12:32	PJ
Nitrogen Ammonia by SM4500NH3 esidue, Filterable, Dried at 180 C by SM 2540 C.	0.11	mg/L	09/25/15	13:16	PJ
Total Dissolved Solids	567.0	mg/L	09/24/15	8:37	BA

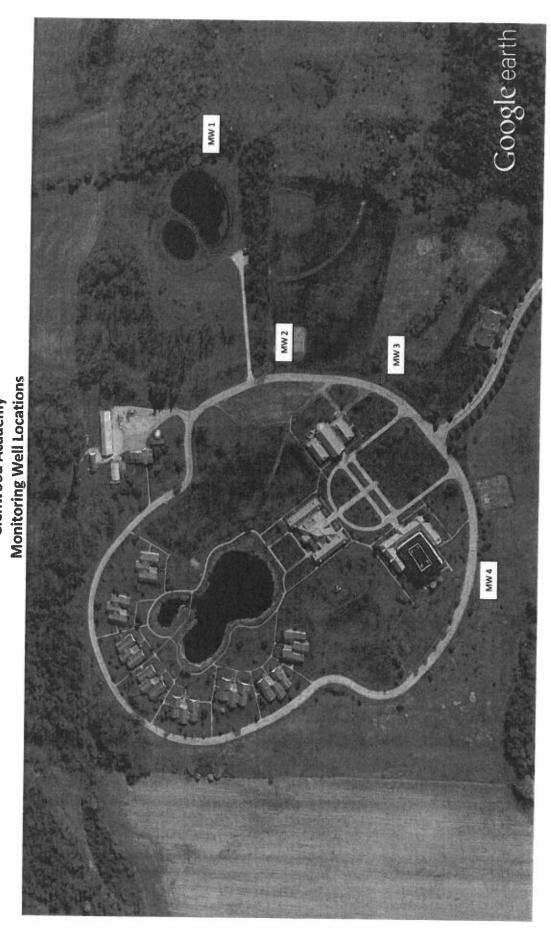
McHenry Analytical Laboratories participates in the following accreditation /certification and proficiency programs. Endorsment by the Federal or State Government or their agencies is not implied. State of Wisconsin Bacteriological Analysis in Drinking Water Certified Lab DNR No. 105-10102 State of Illinois Accreditation of Environmental Laboratories, NELAP/TNI accredited Laboratory No. 100279 State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17556 McHenry Analytical Laboratories, 4314-A Crystal Lake Road, McHenry, 1L 60050.

Certified by:

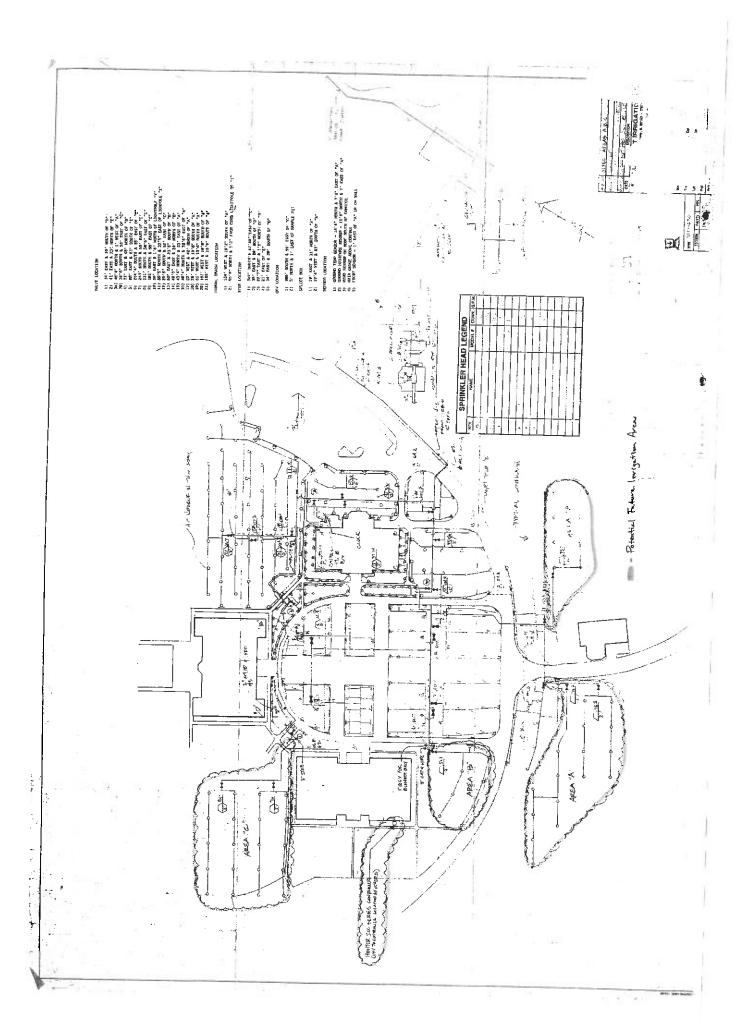
MS and or MSD associated with analytical batch failed to meet acceptance criteria due to matrix effects. Ε

D DUP associated with analytical batch failed to meet acceptance criteria of < 20% RPD.

 ^{**} Results contained in this report relate only to the items tested or to the samples received by the Laboratory
 ** This report shall not be reproduced, except in full, without the written approval of McHenry Analytical Laboratories



Glenwood Academy





Barbara Jeffers, MPH Executive Director

Memorandum

Public Health Center

1240 N. Highland Avenue Aurora, Illinois 60506

630.208.3801

TO: CC: Keith Berkhout, Kane County Building & Zoning Division

Mark VanKerkhoff, Director, Kane County Development and

Community Services Department

Public Health Center 1750 Grandstand Place

Elgin, Illinois 60123

630.208.3801

Ken Anderson, Director, Kane County Environmental & Water

Resources Division

FROM:

Julie Wiegel, LEHP, Assistant Director of Environmental Health,

Kane County Health Department

DATE:

December 7, 2015

RE:

Zoning Petition #4364 - 41W400 Silver Glen Road

The Kane County Health Department has reviewed the above petition and has the following comments.

Potable Water System

Provide a copy of the current Illinois Environmental Protection Agency (IEPA) permit to the County. In addition, please provide a copy of the most recent IEPA inspection report for the potable water system to the Health Department.

Wastewater System

Provide a copy of the current IEPA permit to the Health Department.

Food Service

A Food Service Establishment permit is required for any food service establishment where food is prepared and intended for, though not limited to, individual portion service, and includes the site at which individual portions are provided.

An onsite consultation with Kane County Health Department staff will be required to evaluate the current facilities and identify any necessary changes or



updates needed prior to permitting. A plan review is required for any food service area renovations.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY WATER POLLUTION CONTROL PERMIT

LOG NUMBERS:

1163-10

PERMIT NO.: 2011-GO-1163

FINAL PLANS, SPECIFICATIONS, APPLICATION AND SUPPORTING DOCUMENTS PREPARED BY: Foulkes Utility Resources, Inc.

DATE ISSUED: March 29, 2011

SUBJECT: GLENWOOD SCHOOL- STP and Spray Irrigation

PERMITTEE TO OWN AND OPERATE

Glenwood School for Boys and Girls 500 West 187th Street Glenwood, IL 60425

Permit is hereby granted to the above designated permittee to construct, own and operate water pollution control facilities

Α. Sewage Treatment Facility

A wastewater treatment facility consisting of a 2 cell mechanically aerated lagoon system with turbo-disc filter and chlorination followed by an irrigation system. The first cell contains 88,600 ft³ and the second cell has 256,833 ft³. The design PE is for 160 with a design average flow to the lagoons of 16,000 GPD.

В. Irrigation System

An irrigation system consisting of pop-up nozzles for land application of wastewater effluent on approximately 4.1 acres of landscaped areas around the administration and school buildings with average weekly application rate of approximately 1.5 Inches per week. The irrigation system also includes four monitoring wells in order to sample

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

This Permit renews and replaces Permit Number 2005-GO-5042 which was previously issued for the herein permitted

SPECIAL CONDITION 1: An irrigation area with drainage tile cannot be operated when the water table level is above the invert of the drainage tile unless the crown of the tile is at least 4 feet from the soil surface.

SPECIAL CONDITION 2: The operation of this slow rate land application system shall be under a certified operator as required under Title 35, Subtitle C, Chapter 1, Part 312-Treatment Plant Operator Certification. This facility, which includes the wastewater treatment plant, Irrigation pumps, and land Irrigation area(s) shall be under the exclusive control of the certified operator. Control of the irrigation system by anyone other than the certified operator shall be a violation of

Page 1 of 4

THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

SAK:GY:j:\docs\permits\statecon\yilma\1163-10.docx

DIVISION OF WATER POLLUTION CONTROL

EPA-Des Plaines FOS CC: Foulkes Utility Resources, Inc. Glenwood School fpr Boys and Girls Records - Municipal

Binds

Manager, Permit Section

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY WATER POLLUTION CONTROL PERMIT

LOG NUMBERS:

1163-10

PERMIT NO.: 2011-GO-1163

FINAL PLANS, SPECIFICATIONS, APPLICATION AND SUPPORTING DOCUMENTS

PREPARED BY: Foulkes Utility Resources, Inc.

DATE ISSUED: March 29, 2011

SUBJECT: GLENWOOD SCHOOL- STP and Spray Irrigation

this permit.

SPECIAL CONDITION 3: Storage of wastewater must be provided when groundwater or saturated soil conditions do not

SPECIAL CONDITION 4: The land irrigation system shall be operated at an average weekly application rate of 1.50 inches with the following maximum rates depending upon climatic conditions:

Maximum hour - 0.25 inches Maximum day - 1.00 inches

Maximum week - 3.00 inches

Any precipitation received during the 24 hour period prior to irrigation shall be subtracted from the 1.0 inch maximum day rate to determine the maximum day application rate that can be applied.

SPECIAL CONDITION 5: The operational portion of this permit expires on February 29, 2016 and is subject to renewal at

SPECIAL CONDITION 6: The following monitoring is required:

Parameter	Data	
Influent Flow	Monthly Avg., Daily Max. (mgd)	Sample Frequency
Lagoons	Water Level	Continuous
Groundwater	THE LEVEL	Weekly
1. Nitrate	Conc. (mg/L)	Ouestint.
2. Nitrite	Conc. (mg/L)	Quarterly
3. NH ₃	Conc. (mg/L)	Quarterly
4. Chloride	Conc. (mg/L)	Quarterly
5. Sulfates	Conc. (mg/L)	Quarterly
6. pH 7. Total Dissolved Solids	Units	Quarterly
That Diobolded Golids	Conc. (mg/L)	Quarterly
	Conc. (mg/L)	Quarterly
9. Fecal Colifrom	#/ 100 mL	Quarterly

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY WATER POLLUTION CONTROL PERMIT

LOG NUMBERS:

1163-10

PERMIT NO.: 2011-GO-1163

FINAL PLANS, SPECIFICATIONS, APPLICATION

AND SUPPORTING DOCUMENTS

DATE ISSUED: March 29, 2011

PREPARED BY: Foulkes Utility Resources, Inc.

SUBJECT: GLENWOOD SCHOOL-STP and Spray Irrigation

Chlorine Residual of Wastewater Effluent

Applied to Land

Conc. (mg/L)

Daily

Wastewater Effluent Applied to Land

inches/day

Daily

a standard the agency of the grant of the

Quarterly reports shall be submitted to:

Manager, Region 2
Field Operations Section DWPC
Illinois Environmental Protection Agency
9511 West Harrison Street
Des Plaines, Illinois 60016

These reports should be received on January 15, April 15, July 15, and October 15 each year.

A copy shall also be submitted to:

Illinois Environmental Protection Agency Division of Water Pollution Control Permit Section 1021 North Grand Avenue East P.O. Box 19276 Springfield, IL 62794-9276 (217) 782-0610

SPECIAL CONDITION 7: The spray irrigation system shall not be operated when the water table in the irrigation area is within 4 feet of the soil surface. A 4 feet layer of soil or more must be maintained in an aerobic condition prior to spray groundwater levels recorded.

SPECIAL CONDITION 8:

- A. Treated wastewater shall be applied to sites within the following guidelines:
 - It shall not be applied to sites during precipitation.
 - It shall not be applied to sites which are saturated or with ponded water.
 - It shall not be applied to ice or snow covered sites or when the ground is frozen.
 - 4. It shall not be applied when winds exceed 15 mph.
- B. It is recommended that treated wastewater not be applied to the site when precipitation is imminent.
- C. Treated wastewater shall not be applied to land which lies within 200 feet from surface waters, intermittent streams, wells or other water supplies.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY WATER POLLUTION CONTROL PERMIT

LOG NUMBERS:

1163-10

PERMIT NO.: 2011-GO-1163

FINAL PLANS, SPECIFICATIONS, APPLICATION AND SUPPORTING DOCUMENTS
PREPARED BY: Foulkes Utility Resources, Inc.

DATE ISSUED: March 29, 2011

SUBJECT: GLENWOOD SCHOOL- STP and Spray Irrigation

SPECIAL CONDITION 9: The outer edge of the area wetted by the spray mist shall not be closer than 200 feet from any existing or proposed potable water supply well.

SSPECIAL CONDITION 10: This permit is issued with the expressed understanding that there shall be no surface discharge from these facilities. Should any such discharged be anticipated; the permittee shall apply for an NPDES permit at least 180 days prior to such discharge.



Midwest Office Sheaffer & Roland Inc. | 611 Stevens St | Geneva | IL 60134

telephone: (630) 208-9898 | fax: (630) 208-9895 $information@sheaf fer and roland.com \mid sheaf fer and roland.com$

December 14, 2015

Keith Berkhout Kane County Building & Zoning Division 719 Batavia Avenue Geneva, IL 60134

Re:

Zoning Petition #4364

40W400 Silver Glen Road (Glenwood Academy)

Campton Township

Dear Mr. Berkhout:

We have received the Memorandum dated December 7, 2015 in regards to the above referenced project from Julie Wiegel, LEHP, Assistant Director of Environmental Health, Kane County Health Department. We have listed below the comments along with our responses on the Potable Water System and the Wastewater System.

Potable Water System

Comment 1:

Provide a copy of the current Illinois Environmental Protection Agency (IEPA) permit to the county. In addition, please provide a copy of the most recent IEPA inspection report for the potable water system to the Health Department.

Response:

The water supply, Facility ID IL0890080 is currently on the inactive list due to low population served. Sheaffer & Roland continues to follow routine sample requirements and independent lab testing of the water supply. Discussions with the IEPA indicate that a change of ownership notification will put the facility back on active status. At that time the local IEPA field office will conduct any

necessary inspections of the facility.

Wastewater System

Comment 1:

Provide a copy of the current IEPA permit to the Health Department.

Response:

A copy of the current permit is attached.

Keith Berkhout December 14, 2015 Page 2 of 2

Should you have any questions, please contact us.

Sincerely,

SHEAFFER & ROLAND, INC.

Jason C. Fowler, P.E.

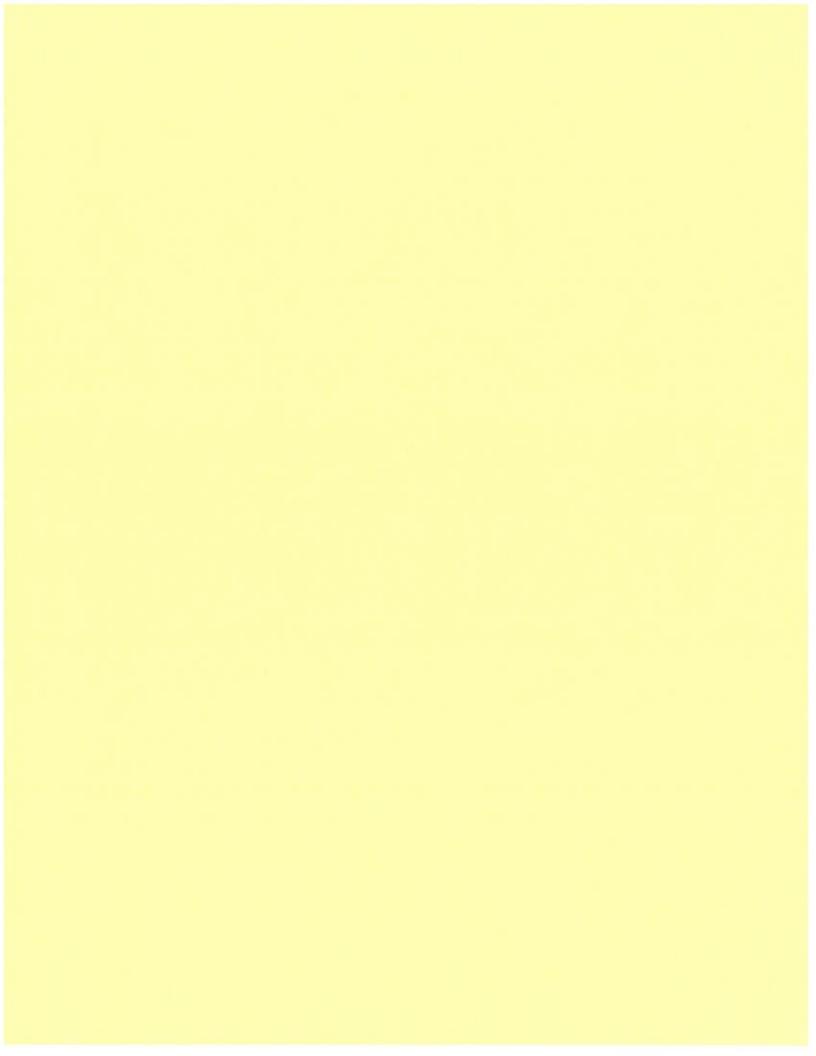
Vice President

Enclosure

Cc: Mark VanKerkhoff, Director, Kane County Development & Community Services Dept.

Ken Anderson, Director, Kane County Environmental & Water Resources Division

Julie Wiegel, LEHP, Asst. Director of Environmental Health, Kane County Health Dept.



RYAN ANTHONY BAILEY

505 70th Street • Darien, IL 60561 • (630) 738-1013 • RyanBailey33@gmail.com

EXPERIENCE

Murer Consultants, Inc., Mokena, IL

Senior Consultant, Jan. 2015 - Present / Consultant, March 2014 - December 2014

- Consult healthcare providers regarding strategic operations in areas such as negotiation and implementation of transactions (mergers/acquisitions, physician contracting, etc.), facility feasibility and development, and other performance improvement projects as identified
- Develop innovative physician alignment models while navigating applicable fraud and abuse standards, including the development of clinical integration and co-management models utilizing quality data metrics
- Address compliance issues and conduct audits with regard to Medicare certification, billing/coding, fraud and abuse, HIPAA, the 340B Drug Pricing Program and state-specific licensure/certificate of need regulations
- Draft policies and procedures and prepare regulatory filings for hospitals and other health care providers as needed

Esp Kreuzer Cores LLP, Wheaton, IL

Associate Attorney, Aug. 2012 - February 2014 / Law Clerk, Aug. 2011 - Aug. 2012

• Developed and implemented litigation strategies in medical malpractice, insurance defense and family litigation

Susan E. Loggans & Associates, P.C., Chicago, IL

Law Clerk, May 2011 - Aug. 2011

• Researched and drafted pleadings and memoranda of law in medical malpractice and personal injury litigation

Judge Robert Gordon, Illinois Appellate Court, First District, Chicago, IL

Judicial Extern, Dec. 2010 - May 2011

· Assisted Appellate Court judge in analyzing and deciding criminal and civil appeals and drafting court orders

American Medical Association, Chicago, IL

Legal Internship, May 2010 - Aug. 2010

- Studied legislative developments and drafted advisory documents for the AMA Council on Ethical and Judicial Affairs, on topics such as HIPAA compliance, PHS funding regulations, Joint Commission accreditation, and CMS conditions for participation
- Drafted four articles published by the AMA: The Case of Anna Pou: Physician Liability in Emergency Situations; The LGBT Community, Health Policy, and the Law; Testing Manufacturer Liability in FDA-Approved Device Malfunction; Layman's Guide to Public Health Service Funding and Financial Conflicts of Interest

EDUCATION

DePaul University College of Law, Juris Doctor, Chicago, IL - Conferred, May 2012

- Editor of the DePaul Journal of Health Care Law
 - o Article selected for publication: Obesity and the Internal Revenue Code: Deducting Costs of Diet Food Items Incorporated in Physician-Prescribed Weight-Loss Programs
- Board Member of the DePaul Institute of Health Care Law
- Obtained Business Law Certificate

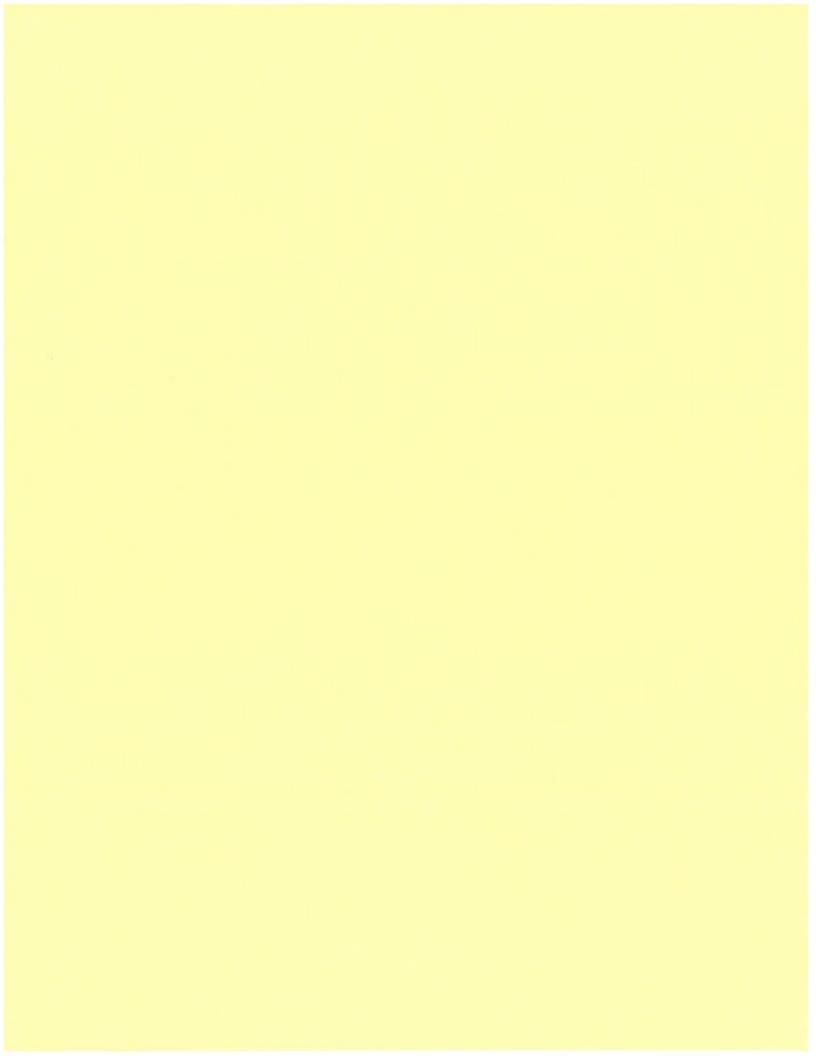
University of Illinois, Bachelor of Arts, Champaign-Urbana, IL - Conferred, Aug. 2008

- Double-majored in English and Spanish
- Studied abroad in Granada, Spain

BAR ADMISSION

State of Illinois – Nov. 2012





MONICA HON

19065 Hickory Creek Drive, STE 115, Mokena, IL 60448 / 708-478-7030 / mhon@murer.com

HEALTHCARE MANAGEMENT, ADMINISTRATION & REGULATORY COMPLIANCE SPECIALIST

- Respected Health Care Manager & Regulatory Compliance Specialist. Extensive experience in leading successful health care and regulatory compliance and project management initiatives, including problem solving and innovative troubleshooting. Proven track record of implementing targeted action plans to maximize productivity, efficiency, and performance while reducing costs and controlling risk. Lead various culture building projects within controversial transitions while maintaining company-wide buy-in and positive output. Successful implementation of System Integration projects involving acquisition, provider based status and Clinical co-management arrangements as well as NCQA, Joint Commission and CARF accredited programs in various provider services including short and long term acute as well as assisted living.
- Dynamic Relationship Builder. Effective communicator and liaison, known for building strategic partnerships and alliances as well as development of integrated delivery systems. Motivates and energizes diverse cross-functional teams as a key resource, critical thinker, and out-of-the-box problem solver. Successful development and implementation of various cultural change/accommodation projects related to acquisitions and mergers. Bilingual in English and Spanish.
- □ Training Professional. Solutions-focused, motivated professional with a progressive career path in managing and training a diverse range of HR/Compliance managers, employees, and administrative staff at hospitals. Drafted policy and training manuals, tools and presentations for entire programs. Highly versatile; quickly masters new roles, responsibilities, technologies, and environments. Reputation for integrity, dedication, and work ethic.

CORE COMPETENCIES

Team Leadership • Health Care • Efficient Troubleshooting• Strategic Planning • Process Improvement • Risk Management • Quality Control • Project Management • Staff Training & Motivation • Presentations & Negotiations Regulatory Compliance • Relationship Building • Proactive Problem Solving • Integration of Technology • Attention to Detail • Program Design & Development • Medicare/Medicaid Parts A, B, D Compliance • Meaningful Use • Provider-Based Status • 340B Audit • Clinical Co-Management • Recruitment and Human Resources • Third Party Payer Contract Drafting and Negotiation • RFP and Proposal Drafting and Negotiation• Development and Implementation of Policy and Procedure Manuals • Development and enhancement of new product lines • NCQA, URAC•Total Quality Management (TQM)/Continuous Quality Improvement (CQI) concepts

ACHIEVEMENT HIGHLIGHTS

- Developed a stellar reputation as a primary resource for Health System Compliance and Quality Programs for up-to-date legislation, analysis, troubleshooting and assistance for optimum performance.
- Successfully implemented health system integration projects to optimize managed care and Medicare reimbursement including medical record and technology integration
- Collaborated with a diverse range of healthcare organizations to assist them with the constant changing regulatory healthcare world. Optimized regulatory compliance programs; oversaw physician-owned entities and acute care hospitals, LTACH and related facilities on a nationwide scale as well as interim administrator and manager of said facilities.
- Ensured Federal and State regulatory compliance, including licensure, managed care negotiations, HIPAA,
 Office of Civil Rights, Medicare Conditions of Participation, Certificate of Need, NCQA, and the Joint
 Commission.

EXHIBIT

P-12

MONICA HON / mhon@murer.com / PAGE 2/2

EDUCATION

Juris Doctor
Bachelor of Arts, English

Loyola University Chicago School of Law, Chicago, Illinois

University of Illinois, Chicago, Illinois

PROFESSIONAL EXPERIENCE

Murer Consultants, Inc., Joliet, Illinois Vice President (2006-Present)
Senior Consultant (2005-2006)
Consultant (2003-2005)

Maintain full accountability for leading a diverse range of multi-million dollar projects involving strategic problem solving, optimum regulatory compliance, and troubleshooting. Train, mentor, and supervise consultants and hospital executives throughout the country in Human resources, Training and Competencies, RAC/MAC audits, HIPAA, Stark, Operations, Regulatory Compliance, and Fraud Prevention.

- Specialize in the analysis and implementation of various integration projects related to Hospital and Physician partnerships, acquisitions, clinical co-management and ACO concepts in conjunction with the efficient utilization of Medicare provider based status
- Apply strategic planning and management skills toward leading a cross-functional team of consultants with the management of multiple acute care hospitals, with an emphasis on integration of providers, regulatory compliance, operations, staff recruitment, training and retention as well as budget analysis and project feasibility.
- Implemented new programs including policies and procedures and framework for execution by provider staff
- Provided oversight of clinical and administrative staff including assessments of competencies and subsequent training and follow up programs

Additional Experience

Chicago Northwestern Railroad, Chicago, Illinois

Compliance & Client Relations

Coordinated multiple simultaneous projects to maximize efficiency and achieve critical timelines. Managed and facilitated the timely performance of high-dollar shipments in accordance with Federal and transportation laws. Trained, mentored, and managed team members in accordance with organizational goals; monitored staff proficiency levels and work output in compliance with company policies.

- Optimized operations by coordinating train positioning, updating data, and resolving client billing discrepancies within established budgets and time constraints.
- Strategically led projects to ensure on-time, requirements-compliant completion while maintaining high quality standards.

Spiegel, Inc., Oak Brook, Illinois

Loss Prevention Analyst / Customer Service

Exhibited critical thinking talents in proactively identifying issues and developing and implementing targeted process improvement solutions, integral to streamlining workflow and boosting productivity.

 Maximized human resource performance by conducting annual evaluations, clearly defining skill gaps, providing strategic training / professional development solutions.

VOLUNTEER EXPERIENCE: Board of Directors - LaSalle County C.A.S.A. (Court Appointed Special Advocates) and Youth Softball Program Management and Fundraising

MONICAHON

19065 Hickory Creek Drive, STE 115, Mokena, IL 60448 / 708-478-7030 / mhon@murer.com

HEALTHCARE MANAGEMENT, ADMINISTRATION & REGULATORY COMPLIANCE SPECIALIST

- Respected Health Care Manager & Regulatory Compliance Specialist. Extensive experience in leading successful health care and regulatory compliance and project management initiatives, including problem solving and innovative troubleshooting. Proven track record of implementing targeted action plans to maximize productivity, efficiency, and performance while reducing costs and controlling risk. Lead various culture building projects within controversial transitions while maintaining company-wide buy-in and positive output. Successful implementation of System Integration projects involving acquisition, provider based status and Clinical co-management arrangements as well as NCQA, Joint Commission and CARF accredited programs in various provider services including short and long term acute as well as assisted living.
- Dynamic Relationship Builder. Effective communicator and liaison, known for building strategic partnerships and alliances as well as development of integrated delivery systems. Motivates and energizes diverse cross-functional teams as a key resource, critical thinker, and out-of-the-box problem solver. Successful development and implementation of various cultural change/accommodation projects related to acquisitions and mergers. Bilingual in English and Spanish.
- □ Training Professional. Solutions-focused, motivated professional with a progressive career path in managing and training a diverse range of HR/Compliance managers, employees, and administrative staff at hospitals. Drafted policy and training manuals, tools and presentations for entire programs. Highly versatile; quickly masters new roles, responsibilities, technologies, and environments. Reputation for integrity, dedication, and work ethic.

CORE COMPETENCIES

Team Leadership • Health Care • Efficient Troubleshooting• Strategic Planning • Process Improvement • Risk Management • Quality Control • Project Management • Staff Training & Motivation • Presentations & Negotiations Regulatory Compliance • Relationship Building • Proactive Problem Solving • Integration of Technology • Attention to Detail • Program Design & Development • Medicare/Medicaid Parts A, B, D Compliance • Meaningful Use • Provider-Based Status • 340B Audit • Clinical Co-Management • Recruitment and Human Resources • Third Party Payer Contract Drafting and Negotiation • RFP and Proposal Drafting and Negotiation• Development and Implementation of Policy and Procedure Manuals • Development and enhancement of new product lines • NCQA, URAC•Total Quality Management (TQM)/Continuous Quality Improvement (CQI) concepts

ACHIEVEMENT HIGHLIGHTS

- Developed a stellar reputation as a primary resource for Health System Compliance and Quality Programs for up-to-date legislation, analysis, troubleshooting and assistance for optimum performance.
- Successfully implemented health system integration projects to optimize managed care and Medicare reimbursement including medical record and technology integration
- Collaborated with a diverse range of healthcare organizations to assist them with the constant changing regulatory healthcare world. Optimized regulatory compliance programs; oversaw physician-owned entities and acute care hospitals, LTACH and related facilities on a nationwide scale as well as interim administrator and manager of said facilities.
- Ensured Federal and State regulatory compliance, including licensure, managed care negotiations, HIPAA,
 Office of Civil Rights, Medicare Conditions of Participation, Certificate of Need, NCQA, and the Joint
 Commission.

MONICA HON / mhon@murer.com / PAGE 2/2

EDUCATION

Juris Doctor

Loyola University Chicago School of Law, Chicago, Illinois

Bachelor of Arts, English

University of Illinois, Chicago, Illinois

PROFESSIONAL EXPERIENCE

Murer Consultants, Inc., Joliet, Illinois <u>Vice President (2006-Present)</u> <u>Senior Consultant (2005-2006)</u> <u>Consultant (2003-2005)</u>

Maintain full accountability for leading a diverse range of multi-million dollar projects involving strategic problem solving, optimum regulatory compliance, and troubleshooting. Train, mentor, and supervise consultants and hospital executives throughout the country in Human resources, Training and Competencies, RAC/MAC audits, HIPAA, Stark, Operations, Regulatory Compliance, and Fraud Prevention.

- Specialize in the analysis and implementation of various integration projects related to Hospital and Physician partnerships, acquisitions, clinical co-management and ACO concepts in conjunction with the efficient utilization of Medicare provider based status
- Apply strategic planning and management skills toward leading a cross-functional team of consultants
 with the management of multiple acute care hospitals, with an emphasis on integration of providers,
 regulatory compliance, operations, staff recruitment, training and retention as well as budget analysis
 and project feasibility.
- Implemented new programs including policies and procedures and framework for execution by provider staff
- Provided oversight of clinical and administrative staff including assessments of competencies and subsequent training and follow up programs

Additional Experience

Chicago Northwestern Railroad, Chicago, Illinois

Compliance & Client Relations

Coordinated multiple simultaneous projects to maximize efficiency and achieve critical timelines. Managed and facilitated the timely performance of high-dollar shipments in accordance with Federal and transportation laws. Trained, mentored, and managed team members in accordance with organizational goals; monitored staff proficiency levels and work output in compliance with company policies.

- Optimized operations by coordinating train positioning, updating data, and resolving client billing discrepancies within established budgets and time constraints.
- Strategically led projects to ensure on-time, requirements-compliant completion while maintaining high quality standards.

Spiegel, Inc., Oak Brook, Illinois

Loss Prevention Analyst / Customer Service

Exhibited critical thinking talents in proactively identifying issues and developing and implementing targeted process improvement solutions, integral to streamlining workflow and boosting productivity.

 Maximized human resource performance by conducting annual evaluations, clearly defining skill gaps, providing strategic training / professional development solutions.

VOLUNTEER EXPERIENCE: Board of Directors - LaSalle County C.A.S.A. (Court Appointed Special Advocates) and Youth Softball Program Management and Fundraising



CAMPTON HILLS POLICE DEPARTMENT

Daniel N. Hoffman, Chief of Police

TO: Plan Commission, Village of Campton Hills

FROM: Chief Dan Hoffman DATE: October 22, 2012

SUBJECT: KIVA Facility Impact on Local Law Enforcement

The Campton Hills Police Department recently conducted a study regarding the potential impact on local law enforcement if the KiVA Clinic was to be incorporated within the borders of the Village of Campton Hills. We were given a list of facilities, both locally and nationally, which offered similar programs that catered to similar clients, as would the KIVA Clinic. We then contacted each clinic as well as the local law enforcement agency, which had jurisdictional responsibility to respond to calls for service at each facility. Following is a list of the facilities and the law enforcement agency contacted:

Facility	Location	Responsible Law Enforcement Agency
Slerra Tucson	Tucson, AZ	Plma County Sheriff's Department
Cirque Lodge	Sundance, UT	Utah County Sheriff's Department
The Ranch	Nunnelly, TN	Hickman County Sheriff's Department
Caron	Wernersville,PA	South Heldelberg Twp. Police Department
Hazelton	Center City, MN	Center City Police Department
Passages	Mallbu Beach, CA	Los Angeles County Sheriff's Department
Promises	Malibu Beach, CA	Los Angeles County Sheriff's Department
Talbot Recovery	College Park, GA	College Park Police Department
Crossroads	Lakewood, WA	Lakewood Police Department
Linden Oaks	Naperville, IL	Naperville Police Department
Resurrection Health	DesPlaines,IL	DesPlaines Police Department
Rosecrance	Rockford,IL	Rockford Police Department
Betty Ford	Rancho Mirage, CA	Riverside County Sheriff's Department

The above listed facilities are broken down into two distinct types of facilities. The majority of the facilities, from Sierra Tucson to Crossroads are primarily in-patient addiction clinics, whose primary function is the treatment of addictions. The remaining four are addiction clinics, shown in bold print, housed in a hospital facility. As such, the disparities of calls for service differ greatly. The stand-alone clinics generally average approximately 5-10 calls for service to their local law enforcement agency per year. The clinics based in a hospital setting averaged over 100 calls for service to law enforcement per year. However, in speaking with the law enforcement agencies that respond to those settings, it is difficult to extrapolate the calls for the addiction clinic as opposed to the calls for the hospital in general.



CAMPTON HILLS POLICE DEPARTMENT

Daniel N. Hoffman, Chief of Police

Additionally, many of the clinics based in hospitals accept court-mandated patients as a condition of their sentence whereby the stand-along clinics generally do not.

in speaking with local law enforcement, which had police responsibility to the facilities in their jurisdiction, it appears that the facilities in their jurisdiction do not make up an inordinate amount of calls for police service. Calls for service ranged from theft, criminal damage, disturbance, and patient walk-aways to attempted suicide. Of those calls, the majority of them were for notifications of patients that walked away from the facility and/or for medically related issues. Additionally, to reduce calls for service to law enforcement, several of the larger clinics have on staff and/or a security team, who attempt to intervene on incidents to mitigate police intervention.

Several law enforcement representatives expressed frustration when responding to calls at the clinics over issues dealing with patient confidentiality and HIPAA rules and regulations. They advised that often times, clinic staff err on the side of the patient in refusing to release information to law enforcement, which often times stymies investigations they are called to intervene on.

Based upon my investigation, it is my conclusion that the inclusion of the KIVA Clinic within the Village limits will impact the calls for service to the Campton Hills Police Department. However, the impact could be mitigated tremendously if they plan accordingly and include the following:

- Develop an on-site security team and security processes
- Take only private, non-court ordered patients
- Develop a process of communication with law enforcement, consistent with the HIPAA rules, which will assist, not hamper, law enforcement's intervention in incidents occurring on-site.