

TOWN OF ANIWA
ANIWA Arsenic Sampling
7-14-16

Monitoring Well / Top of (MW) casing	Depth to Water	GW Ele (Post Removal)
B-10 (96.64')	7.01'	89.63'
B-11 (99.77')	11.56'	88.21'
B-12 (97.64')	10.80'	86.84'
B-13R (99.28')	12.01'	87.27'
B-19R (99.44')	12.28'	87.16'
B-20 (97.70')	10.56'	87.14'
B-21 (93.67')	7.32'	86.35'

Monitoring Well #	Readings Temp °C	pH	Spec Cond. mS/cm	Galbons Pumped
B-10	14.6	5.2	0.91	4
B-11	11.65	6.91	0.525	2
B-12	11.43	7.21	0.507	4
B-13R (1 dupl)	11.98	7.17	0.644	4
B-19R (1 dupl)	12.11	6.79	0.675	3
B-20	11.77	6.84	0.495	3
B-21	14.55	6.59	0.424	3

Monitoring Done By Warren Hohn

Warren A. Hohn

7-14-16

Note: B-19R Labeled Wrong on Lab Results
B-18 should be B19R

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ANALYTICAL REPORT

WDNR Laboratory ID No. 7 3460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034
 Printed: 09/28/16 Page 1 of 2
 NLS Project: 267320
 NLS Customer: 104168
 Fax: 715 536 1277 Phone: 715 551 9080

Client: Township of Aniwa
 Attn: Warren Hohn
 305 N. Park St
 Merrill, WI 54452

Project: Groundwater

B-10 NLS ID: 945578

COC: 155384:1 Matrix: GW
 Collected: 07/14/16 08:30 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	7.0	ug/L	1	1.0*	2.0*	09/24/16	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					09/19/16	EPA 200.8M, Rev 5.4	721026460

B-12 NLS ID: 945579

COC: 155384:2 Matrix: GW
 Collected: 07/14/16 12:20 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	490	ug/L	1	1.0*	2.0*	09/24/16	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					09/19/16	EPA 200.8M, Rev 5.4	721026460

B-13R NLS ID: 945580

COC: 155384:3 Matrix: GW
 Collected: 07/14/16 12:01 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	5400	ug/L	1	1.0*	2.0*	09/24/16	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					09/19/16	EPA 200.8M, Rev 5.4	721026460

B-13R Dup NLS ID: 945581

COC: 155384:4 Matrix: GW
 Collected: 07/14/16 12:10 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	5400	ug/L	1	1.0*	2.0*	09/24/16	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					09/19/16	EPA 200.8M, Rev 5.4	721026460

B-18 NLS ID: 945582

COC: 155384:5 Matrix: GW
 Collected: 07/14/16 10:56 Received: 09/12/16

B-19R

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	2.2	ug/L	1	0.50*	1.0*	09/17/16	EPA 200.8, Rev 5.4	721026460

B-18 Dup NLS ID: 945583

COC: 155384:6 Matrix: GW
 Collected: 07/14/16 10:40 Received: 09/12/16

B-19R

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	3.1	ug/L	1	0.50*	1.0*	09/17/16	EPA 200.8, Rev 5.4	721026460

B-20 NLS ID: 945584

COC: 155384:7 Matrix: GW
 Collected: 07/14/16 09:40 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	5.0	ug/L	1	1.0*	2.0*	09/24/16	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					09/19/16	EPA 200.8M, Rev 5.4	721026460

B-21 NLS ID: 945585

COC: 155384:8 Matrix: GW
 Collected: 07/14/16 11:15 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	10	ug/L	1	1.0*	2.0*	09/24/16	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					09/19/16	EPA 200.8M, Rev 5.4	721026460

Project: Groundwater

B-11 NLS ID: 945586

COC: 155384:9 Matrix: GW

Collected: 07/14/16 11:00 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	[1.4]	ug/L	1	1.0*	2.0*	09/24/16	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					09/19/16	EPA 200.8M, Rev 5.4	721026460

Timm Well- Faucet NLS ID: 945587

COC: 155384:10 Matrix: GW

Collected: 07/14/16 13:10 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	1.4	ug/L	1	0.50*	1.0*	09/17/16	EPA 200.8, Rev 5.4	721026460

Timm Well- Exterior Hose Bib NLS ID: 945588

COC: 155384:11 Matrix: GW

Collected: 07/14/16 13:20 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	1.5	ug/L	1	0.50*	1.0*	09/17/16	EPA 200.8, Rev 5.4	721026460

Blank NLS ID: 945625

COC: 155384:12 Matrix: FB

Collected: 07/14/16 00:00 Received: 09/12/16

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	ND	ug/L	1	0.50*	1.0*	09/17/16	EPA 200.8, Rev 5.4	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution and/or solids content.

ND = Not Detected (< LOD) LOD = Limit of Detection LOQ = Limit of Quantitation NA = Not Applicable
 DWB = Dry Weight Basis %DWB = (mg/kg DWB) / 10000 1000 ug/L = 1 mg/L
 MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:
 R. T. Krueger
 President