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WDNR NR700 Semi-Annual Report Confirmation

Inbox x

DNRRRNR700Reporting@wisconsin.gov Feb 1 (5 days ago)
to me, tauren.beggs

Thank you for submitting your NR700 semi-annual progress report. The DNR Project Manager for this site has been notified of your report submittal. If final case closure has not been granted for before the next reporting period, you will receive a system-generated email reminder and link to report for the next period.

The contents of your report is included below for your records:

Report ID: 180133510414578
BRRTS No.: 02-59-000198
PECFA No: --
Activity Name: ANIWA ARSENIC SITE
Address: MARSH RD NEAR CHICAGO & NW RR, ANIWA
Reporting Period: 7/1/2017 - 12/31/2017

Submitted On: 02/01/2018

Submitter Role: Consultant

Status: Site Investigation: Field Sampling/Monitoring

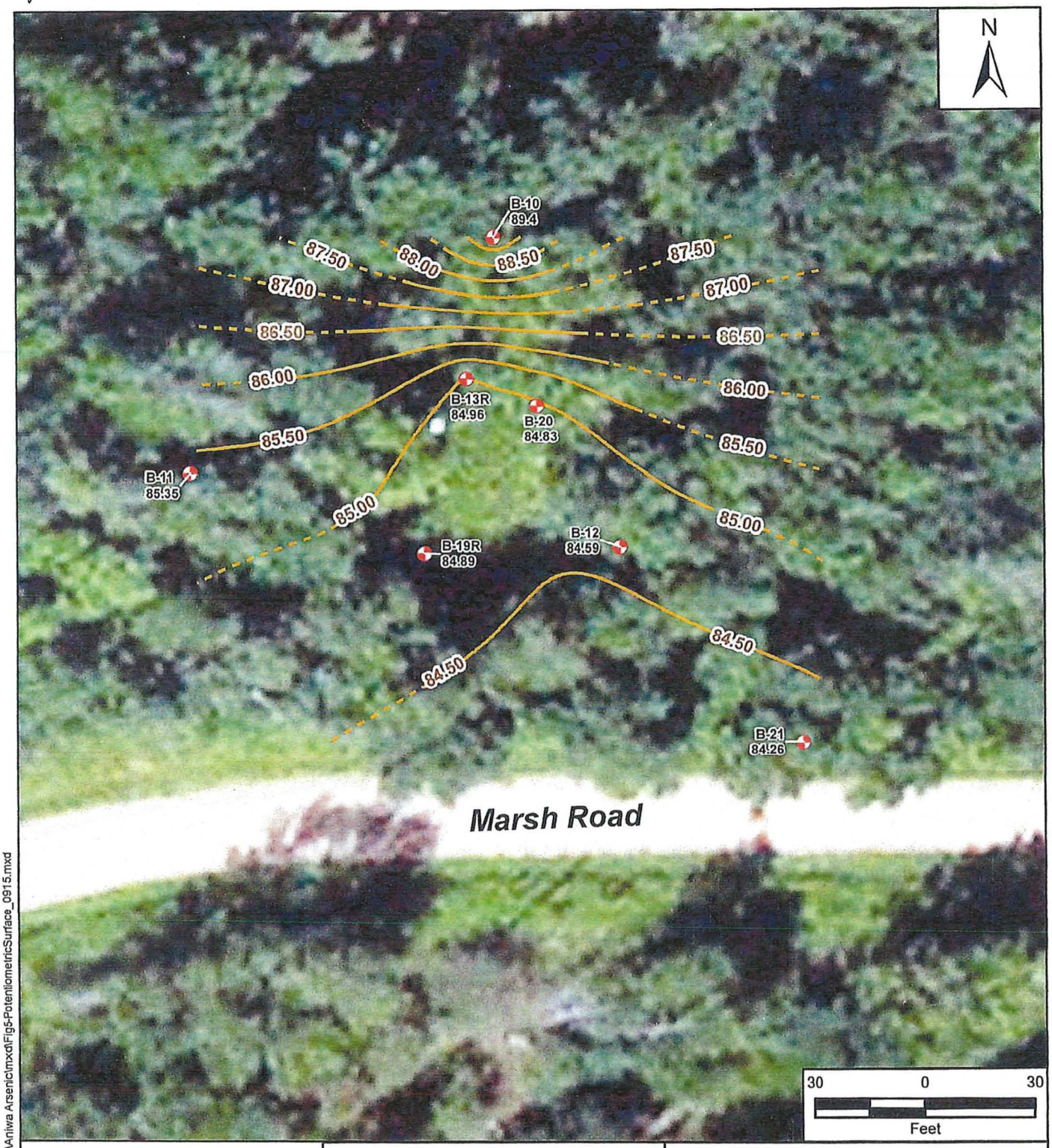
Comments:
Report was previously submitted for the period 1/1/2017-6/30/2017 including lab results for selected monitoring wells and drinking water well west of the site (TIMM well) to Tauren Beggs. Additior was done for the period 7/1/2017-12/30/2017 for monitoring wells and TIMM Well although not required. Will send those results to Tauren Beggs. Done in addition to pinpoint the cleanup process

PECFA Eligible? No

Warren Hohn <whohntesting@gmail.com> Feb 2 (4 days ago)
to TAMMY

Sent from Mail for Windows 10

From: DNRRRNR700Reporting@wisconsin.gov



Legend

- Monitoring Well Location
- Groundwater Elevation Contour
- Inferred Groundwater Elevation Contour
- 87.5 Groundwater Elevation

Source: Bing Maps Hybrid, 2012

Aniwa Arsenic Site
Aniwa, Shawano County, Wisconsin

Figure 5
Groundwater Potentiometric Surface Map
September 2015

TETRA TECH

Prepared For: USEPA Region 5 | Prepared By: Tetra Tech

File Path: G:\GIS\9026-START IV\Wisconsin\Aniwa Arsenic\mxd\Fig5-PotentiometricSurface_0915.mxd

Date Saved: 10/30/2015

EPA Contract No.: EP-S5-13-01 TDD No.: 0001/S05-0001-1502-003

Coordinate System: GCS WGS 1984
Datum: WGS 1984
Units: Degree

Town of Aniwa Arsenic Results

Sample (MW)	Arsenic ug/L	Groundwater Elev.
8/28/17		
B-12	530.0	86.0 Ft.
B-13R	4000.0	86.27 Ft.
B-21	5.3	85.51 Ft.
10/17/17		
B-12	210.0	85.24 Ft.
B-13R	3200.0	85.68 Ft
B-21	7.7	84.87 Ft
10/28/17		
B-12	410.0	85.08 Ft.
B-13R	2400.0	85.50 Ft.
B-21	7.6	84.68 Ft.

Sample (mw)	Date	Well Elev. / Top.	Depth To Water
B-12	8-28-17	97.64',	11.64',
B-13R	8-28-17	99.28',	13.01',
B-21	8-28-17	93.67'	8.16'
B-12	10-17-17	97.64'	12.40',
B-13R	10-17-17	99.28',	13.60'
B-21	10-17-17	93.67'	8.80'
B-12	10-28-17	97.64',	12.56',
B-13R	10-28-17	99.28',	13.78'
B-21	10-28-17	93.67'	8.99'

Sampled by Warren A. Hahn

Warren A. Hahn

Town of Aniwa Arsenic Results

Date

8-28-17

Sample #	Temp °C	pH	Spec. Cond. mS/Cm	Gallons Bailed
B-12	11.52	7.10	0.505	4.0
B-13R	11.89	7.01	0.725	5.0
B-21	13.98	6.51	0.511	4.0

10-17-17

B-12	11.01	7.19	0.515	3.5
B-13R	11.61	6.95	0.699	5.0
B-21	14.40	6.54	0.497	4.0

10-28-17

B-12	11.14	7.14	0.521	3.5
B-13R	11.80	6.90	0.704	5.0
B-21	13.98	6.60	0.507	4.0

Sampled by Warren A. Hohn

Warren A. Hohn

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 287737
NLS Customer: 104168

Client: Township of Aniwa
Attn: Warren Hohn
1201 Lake St
Merrill, WI 54452

Fax: 715 536 1277 Phone: 715 551 9080

Project: Aniwa Arsenic

B-12 NLS ID: 1020247
COC: 201022:1 Matrix: GW
Collected: 08/28/17 12:17 Received: 09/22/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	530	ug/L	1	0.50*	1.0*	09/28/17	EPA 200.8, Rev 5.4	721026460

B-13 R NLS ID: 1020248
COC: 201022:2 Matrix: GW
Collected: 08/28/17 12:30 Received: 09/22/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	4000	ug/L	1	0.50*	1.0*	09/28/17	EPA 200.8, Rev 5.4	721026460

B-21 NLS ID: 1020249
COC: 201022:3 Matrix: GW
Collected: 08/28/17 11:30 Received: 09/22/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	5.3	ug/L	1	0.50*	1.0*	09/28/17	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

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 290143
NLS Customer: 104168

Client: Township of Aniwa
Attn: Warren Hohn
1201 Lake St
Merrill, WI 54452

Fax: 715 536 1277 Phone: 715.551 9080

Project: Groundwater

B-12 NLS ID: 1028192
COC: 190710:1 Matrix: GW
Collected: 10/17/17 13:00 Received: 11/07/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	210	ug/L	1	1.0*	2.0*	11/14/17	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					11/09/17	EPA 200.8M, Rev 5.4	721026460

B-13R NLS ID: 1028193
COC: 190710:2 Matrix: GW
Collected: 10/17/17 13:15 Received: 11/07/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	3200	ug/L	1	1.0*	2.0*	11/14/17	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					11/09/17	EPA 200.8M, Rev 5.4	721026460

B-21 NLS ID: 1028194
COC: 190710:3 Matrix: GW
Collected: 10/17/17 12:45 Received: 11/07/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	7.7	ug/L	1	1.0*	2.0*	11/14/17	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					11/09/17	EPA 200.8M, Rev 5.4	721026460

B-12 NLS ID: 1028195
COC: 190710:4 Matrix: GW
Collected: 10/28/17 12:45 Received: 11/07/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	410	ug/L	1	1.0*	2.0*	11/14/17	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					11/09/17	EPA 200.8M, Rev 5.4	721026460

B-13R NLS ID: 1028196
COC: 190710:5 Matrix: GW
Collected: 10/28/17 13:00 Received: 11/07/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	2400	ug/L	1	1.0*	2.0*	11/14/17	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					11/09/17	EPA 200.8M, Rev 5.4	721026460

B-21 NLS ID: 1028197
COC: 190710:6 Matrix: GW
Collected: 10/28/17 12:38 Received: 11/07/17

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Arsenic, dis. as As by ICP-MS	7.6	ug/L	1	1.0*	2.0*	11/14/17	EPA 200.8, Rev 5.4	721026460
Metals digestion - dissolved ICP-MS	yes					11/09/17	EPA 200.8M, 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