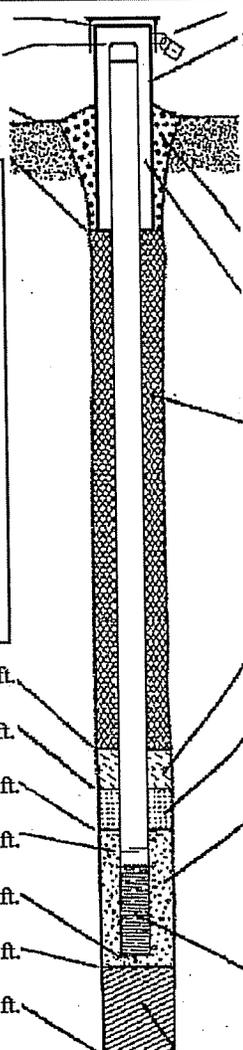




Facility/Project Name <b>SI @ Hurley MGP</b>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <b>WMW-1</b>
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. <b>46° 26' 57.9"</b> Long. <b>90° 10' 42.1"</b> or	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane <b>Silur-</b> ft. N. <b>Street-</b> ft. E. <b>S/C/N</b>	Date Well Installed <b>10/20/2010</b> m m d d y y v v v v
Type of Well Well Code <b>Temp</b>	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N. R. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm <b>MDNRE &amp; WDNR</b>
Distance from Waste/Source ft. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input checked="" type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation ----- ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation ----- ft. MSL	2. Protective cover pipe: a. Inside diameter: ----- in. b. Length: ----- ft. c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation ----- ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom ----- ft. MSL or ----- ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Other <input checked="" type="checkbox"/> <b>Geoprobe</b>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
Describe _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): <b>None</b>	10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
E. Bentonite seal, top ----- ft. MSL or ----- ft.	b. Manufacturer _____ c. Slot size: _____ in. d. Slotted length: _____ ft.
F. Fine sand, top ----- ft. MSL or ----- ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input type="checkbox"/>
G. Filter pack, top ----- ft. MSL or ----- ft.	
H. Screen joint, top ----- ft. MSL or <b>6.1</b> ft.	
I. Well bottom ----- ft. MSL or <b>11.1</b> ft.	
J. Filter pack, bottom ----- ft. MSL or ----- ft.	
K. Borehole, bottom ----- ft. MSL or <b>11.1</b> ft.	
L. Borehole, diameter ----- in.	
M. O.D. well casing ----- in.	
N. I.D. well casing <b>1"</b> in.	



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature William Schultz Firm 10-20-10 - WDNR

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name <u>Ironwood MGP Site</u>			License/Permit/Monitoring Number		Boring Number <u>WMW-2</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: _____ Last Name: _____ Firm: <u>MDNR</u>			Date Drilling Started <u>10/20/2010</u> m m d d y y y y	Date Drilling Completed <u>10/20/2010</u> m m d d y y y y	Drilling Method <u>Geoprobe</u>
WI Unique Well No.	DNR Well ID No.	Well Name <u>MW-1</u>	Final Static Water Level <u>4.81</u> Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter <u>2.0</u> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Local Grid Location Lat _____ ° ' " _____ Long _____ ° ' " _____		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
1/4 of _____ 1/4 of Section _____, T _____ N, R _____		Facility ID _____	County <u>Iron</u>	County Code _____	Civil Town/City/ or Village <u>Hurley</u>

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	4' / 24"		1	Organic topsoil	PT									No odor/sheen
			2	Fine to medium grained sand. Tan gravel	GP									
			3	<u>Silty</u> sand medium to coarse grained w/ gravel little fines	GM		0.7		Dry					
			4				0.8		Dry					
2	4' / 34"		5										No odor/sheen Sample 35-5 4-6' static 4.81' H2O 1095 0928 HRB	
			6				0.8		Wet					
			7	Sand, medium to coarse grained w/ gravel	GP		0.5		Wet					
3	4' / 27"		8										No odor/sheen	
			9				0.3		Wet					
			10	Sand, fine to medium grained <u>Silty</u> w/ gravel	GM		0.3		Wet					

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature John M Firm MDNR

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Facility/Project Name <b>SI @ Humly MGP</b>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <b>WMW-2</b>
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. <b>46° 27' 7.7"</b> Long. <b>90° 10' 45.2"</b> or	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane <b>Maple St. N, Street</b> ft. E. S/C/N	Date Well Installed <b>10/20/2010</b> in m d d y v v v y
Type of Well Well Code <b>TEMP</b>	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N. R. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm <b>MDNREG WDNR</b>
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL		1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL		2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL		d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.		3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No		5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 <b>Geoprobe</b> Other <input checked="" type="checkbox"/>		f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99		6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
Describe _____		8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
17. Source of water (attach analysis, if required): <b>None</b>		9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>	b. Manufacturer _____ c. Slot size: 0. _____ in. d. Slotted length: _____ ft.
F. Fine sand, top _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>	
G. Filter pack, top _____ ft. MSL or _____ ft.		
H. Screen joint, top _____ ft. MSL or <b>6.25</b> ft.		
I. Well bottom _____ ft. MSL or <b>11.25</b> ft.		
J. Filter pack, bottom _____ ft. MSL or _____ ft.		
K. Borehole, bottom _____ ft. MSL or <b>11.25</b> ft.		
L. Borehole, diameter _____ in.		
M. O.D. well casing _____ in.		
N. I.D. well casing <b>1"</b> in.		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature William Schultz Firm WDNR

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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Revelpment  Other

Page 1 of 1

Facility/Project Name <u>Ironwood MGP site</u>			License/Permit/Monitoring Number		Boring Number <u>WMW-3</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: Firm: <u>MDNR</u>			Date Drilling Started <u>10/20/2010</u> m m d d y y y y	Date Drilling Completed <u>10/20/2010</u> m m d d y y y y	Drilling Method <u>Grease</u>
WI Unique Well No.	DNR Well ID No.	Well Name <u>MW-3</u>	Final Static Water Level Feet MSL		Surface Elevation Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/> State Plane N, E			Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		Borehole Diameter <u>2.0</u> inches
1/4 of Section, T, N, R			Lat, Long		
Facility ID		County <u>Iron</u>	County Code	Civil Town/City/ or Village <u>Houley</u>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	4' / 23"		1	organic topsoil	Pt									No odor / Sheen
			2	silty clay, little sand & gravel	GC			0.4	M				Moist	
			3										No odor / Sheen	
			4					0.3	M				Moist	
2	4' / 38"		5										No odor / Sheen	
			6				0.2	M				Moist		
			7										No odor / Sheen	
			8					12.2	W				Moist/Wet	
3	4' / 44"		9	silty sand & gravel some clay	GM								No odor / Sheen	
			10				10.2	W				Wet		
								9.4	W				No odor / Sheen	

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature: [Signature] Firm: MDNR

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Facility/Project Name <b>St. @ Hunley MGP</b>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <b>WRW-3</b>
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. <b>46° 27' 15.2"</b> Long. <b>90° 10' 43.7"</b> or	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. <b>OAK</b> ft. N. <b>57-eat</b> ft. E. <b>S/CN</b>	Date Well Installed <b>10/20/2010</b> m m d d y y v v
Type of Well Well Code <b>TEMP</b>	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. _____ <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm <b>MDNRE &amp; WDNR</b>
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL		1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL		2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL		d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.		3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
<div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen:                  GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/>                  SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/>                  Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50                  Hollow Stem Auger <input type="checkbox"/> 41  <u>Geoprobe</u> Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01                  Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe _____</p> <p>17. Source of water (attach analysis, if required):  <u>None</u></p> </div>		4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
F. Fine sand, top _____ ft. MSL or _____ ft.	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>
G. Filter pack, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft <sup>3</sup>	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or <b>7.35</b> ft.	10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>	b. Manufacturer _____ c. Slot size: _____ in. d. Slotted length: <b>5</b> ft.
I. Well bottom _____ ft. MSL or <b>12.35</b> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>	
J. Filter pack, bottom _____ ft. MSL or _____ ft.		
K. Borehole, bottom _____ ft. MSL or <b>12.35</b> ft.		
L. Borehole, diameter _____ in.		
M. O.D. well casing _____ in.		
N. I.D. well casing _____ in.		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature William Schultz Firm WDNR

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**MONITORING WELL SAMPLING  
FIELDBOOK**

**WDNR Brownfields Environmental  
Assessment Program**

   
Site Name: Ironwood MGP Inspection Type: \_\_\_\_\_

Cerclis #: WIN00051055 Inspection Date: 10/20/10

Sampler: Phill Richard (print)

Phl E. Rhl (sign)

Recorder: John Sager (print)

John Sager (sign)

CROSSED-OUT (X) PAGES INDICATE LEFT INTENTIONALLY BLANK BY RECORDER

Sample Number: W05-1

Sampling Time: 1150

Well Name: W04W-1

PID/FID Reading: \_\_\_\_\_

QC Sample: YES  NO  Duplicate

MSD Rinsate Trip Blank

Depth to Bottom: 11.1 (ft)

Water Column Length (A): 5.0 (ft)

Depth to Water: 6.1 (ft)

Inside Well Diameter: 1.0 (in)

Volume to be purged (AXB) 0.815

Time purging began 0900

Time purging complete 1100

Purged dry YES  NO

Inches *	B
1.00	0.163
1.25	0.255
1.50	0.367
2.00	0.652
3.00	1.469
4.00	2.610

\*Inside Well Diameter

Sampling Equipment: Rough tubing

Dedicated Equipment: YES  NO

Bailer No.: \_\_\_\_\_

Sample Description (include color, odor, turbidity, etc.): Clear, no

slightly ~~white~~ turbid

Comments (include problems encountered/deviations from sampling plan) \_\_\_\_\_

Sample Number: W5-2

Sampling Time: 1120

Well Name: W04W-2

PID/FID Reading: \_\_\_\_\_

QC Sample: YES  NO  Duplicate

MSD Rinsate Trip Blank

Depth to Bottom: 11.25 (ft)

Water Column Length (A): \_\_\_\_\_ (ft)

Depth to Water: 4.81 (ft)

Inside Well Diameter: 1.0 (in)

Volume to be purged (AXB) \_\_\_\_\_

Time purging began 1200

Time purging complete 1100

Purged dry YES  NO

Inches *	B
1.00	0.163
1.25	0.255
1.50	0.367
2.00	0.652
3.00	1.469
4.00	2.610

\*Inside Well Diameter

Sampling Equipment: Rough tubing

Dedicated Equipment: YES  NO

Bailer No.: \_\_\_\_\_

Sample Description (include color, odor, turbidity, etc.): Clear, No odor

Comments (include problems encountered/deviations from sampling plan) \_\_\_\_\_

Photo number(s): \_\_\_\_\_

Photo direction(s): \_\_\_\_\_

WELL CAP REPLACED AND LOCKED

YES NO

Photo number(s): \_\_\_\_\_

Photo direction(s): \_\_\_\_\_

WELL CAP REPLACED AND LOCKED

YES NO

Sample Number: W5-3

Sampling Time: 140

Well Name: WMMW-3

PID/FID Reading: \_\_\_\_\_

QC Sample:  YES  NO  Duplicate

MSD Rinsate Trip Blank

Depth to Bottom: 12.35 (ft)

Water Column Length (A): \_\_\_\_\_ (ft)

Depth to Water: 10.84 (ft)

Inside Well Diameter: \_\_\_\_\_ (in)

Volume to be purged (AxB) 1045

Time purging began \_\_\_\_\_

Time purging complete 1300

Purged dry:  YES  NO

Inches *	B
1.00	0.163
1.25	0.255
1.50	0.367
2.00	0.652
3.00	1.469
4.00	2.610

\*Inside Well Diameter

Sampling Equipment: Rough/Tubers

Dedicated Equipment:  YES  NO

Bailer No.: \_\_\_\_\_

Sample Description (include color, odor, turbidity, etc.): NO odor,

Slightly turbid

Comments (include problems encountered/deviations from sampling plan) \_\_\_\_\_

Sample Number: \_\_\_\_\_

Sampling Time: \_\_\_\_\_

Well Name: \_\_\_\_\_

PID/FID Reading: \_\_\_\_\_

QC Sample: YES NO Duplicate

MSD Rinsate Trip Blank

Depth to Bottom: \_\_\_\_\_ (ft)

Water Column Length (A): \_\_\_\_\_ (ft)

Depth to Water: \_\_\_\_\_ (ft)

Inside Well Diameter: \_\_\_\_\_ (in)

Volume to be purged (AxB) \_\_\_\_\_

Time purging began \_\_\_\_\_

Time purging complete \_\_\_\_\_

Purged dry: YES NO

Inches *	B
1.00	0.163
1.25	0.255
1.50	0.367
2.00	0.652
3.00	1.469
4.00	2.610

\*Inside Well Diameter

Sampling Equipment: \_\_\_\_\_

Dedicated Equipment: YES NO

Bailer No.: \_\_\_\_\_

Sample Description (include color, odor, turbidity, etc.): \_\_\_\_\_

Comments (include problems encountered/deviations from sampling plan) \_\_\_\_\_

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

WELL CAP REPLACED AND LOCKED YES NO

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

WELL CAP REPLACED AND LOCKED YES NO

**SOIL/SEDIMENT SAMPLING  
FIELDBOOK**

**WDNR Brownfields Environmental  
Assessment Program**

Site Name: Ironwood MGP Site Inspection Type: \_\_\_\_\_

Cerclis #: MIW00051055 Inspection Date: 10/19/10

Sampler: John Sage (print)

John Sage (sign)

Recorder: John Sage (print)

John Sage (sign)

CROSSED-OUT (X) PAGES INDICATE LEFT INTENTIONALLY BLANK BY RECORDER

SOIL SEDIMENT SAMPLING

SOIL SEDIMENT SAMPLING

SOIL SEDIMENT (CIRCLE ONE)

Sample Number: SS-4

Sampling Time: 8:54 am

QC Sample: YES  NO  Duplicate

MSD

Depth of Sample: 4'-6' bgs

PID/FID Reading: 0.7

Grab /  Composite (Circle One)

If composite, number of locations: \_\_\_\_\_

If composite, spacing btwn locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

Greepole core from  
location of RW-1

(Sketch)

Sampling Methods / Equipment: Greepole

Dedicated Equipment  YES  NO

Sample Description (include color, texture, mottling/staining, odor, etc.): \_\_\_\_\_

Silty to Sand, silty fine gravel  
with gravel with clay brown

Comments (include problems encountered/deviations from sampling plan): \_\_\_\_\_

Photo number(s): \_\_\_\_\_

Photo direction(s): \_\_\_\_\_

SOIL SEDIMENT (CIRCLE ONE)

Sample Number: SS-5

Sampling Time: 9:28 am

QC Sample: YES  NO  Duplicate

MSD

Depth of Sample: 4'-6' bgs

PID/FID Reading: 0.8

Grab /  Composite (Circle One)

If composite, number of locations: \_\_\_\_\_

If composite, spacing btwn locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

Greepole core from  
location of RW-2

(Sketch)

Sampling Method / Equipment: Greepole

Dedicated Equipment  YES  NO

Sample Description (include color, texture, mottling/staining, odor, etc.): \_\_\_\_\_

Silty fine to medium gravel sand w/ gravel  
brown

Comments (include problems encountered/deviations from sampling plan): \_\_\_\_\_

Photo number(s): \_\_\_\_\_

Photo direction(s): \_\_\_\_\_

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: SS-3 Sampling Time: 10:22am

QC Sample: YES  NO Duplicate MSD

Depth of Sample: 6'-8" bss PID/FID Reading: 12.2

Grab Composite (Circle One) If composite, number of locations: \_\_\_\_\_  
If composite, spacing btwn locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

Creepable core from  
location of MW-3

\_\_\_\_\_  
\_\_\_\_\_  
(Sketch)

Sampling Methods / Equipment: Creepable

Dedicated Equipment:  YES  NO

Sample Description (include color, texture, mottling/staining, odor, etc.): \_\_\_\_\_

brown silty clay w/ little gravel  
little sand

Comments (include problems encountered/deviations from sampling plan): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: \_\_\_\_\_ Sampling Time: \_\_\_\_\_

QC Sample: YES NO Duplicate MSD

Depth of Sample: \_\_\_\_\_ PID/FID Reading: \_\_\_\_\_

Grab / Composite (Circle One) If composite, number of locations: \_\_\_\_\_  
If composite, spacing btwn locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
(Sketch)

Sampling Method / Equipment: \_\_\_\_\_

Dedicated Equipment: YES NO

Sample Description (include color, texture, mottling/staining, odor, etc.): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Comments (include problems encountered/deviations from sampling plan): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

**SOIL/SEDIMENT SAMPLING  
FIELDBOOK**

**WDNR Brownfields Environmental  
Assessment Program**

Site Name: Inglwood MGP Site Inspection Type: \_\_\_\_\_

Cerclis #: MIN00051055 Inspection Date: 10/19/10

Sampler: Phil Richard (print)

Phil E. Phil (sign)

Recorder: John Sager (print)

John Sager (sign)

CROSSED-OUT (X) PAGES INDICATE LEFT INTENTIONALLY BLANK BY RECORDER

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: SS-1 Sampling Time: 1030

QC Sample: YES NO Duplicate MSD

Depth of Sample: 1' bgs PID/FID Reading: 0.0

Grab Composite (Circle One) If composite, number of locations: \_\_\_\_\_  
If composite, spacing b/w locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

Hand Auger at  
riverbank SW side Silver  
St

Cumyquist Cells (Sketch)

Sampling Methods / Equipment: Hand Auger

Dedicated Equipment:  YES  NO

Sample Description (include color, texture, mottling/staining, odor, etc.):

Brown fm to medium grained sand  
little sand organic and staining  
no odor

Comments (include problems encountered/deviations from sampling plan):

none

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: SS-2 Sampling Time: 11:10

QC Sample: YES  NO Duplicate MSD

Depth of Sample: 1.5' bgs PID/FID Reading: 0.1

Grab Composite (Circle One) If composite, number of locations: \_\_\_\_\_  
If composite, spacing b/w locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

River Bank at east  
end of 1st St

Cumyquist Cells (Sketch)

Sampling Method / Equipment: Hand Auger

Dedicated Equipment:  YES  NO

Sample Description (include color, texture, mottling/staining, odor, etc.):

Brown fine to medium grained sand  
little organic matter no staining  
no odor

Comments (include problems encountered/deviations from sampling plan):

none

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: 55-6 Sampling Time: 12:00

QC Sample:  YES  NO Duplicate  MSD

Depth of Sample: 1.0' PID/FID Reading: 510

Grab Composite (Circle One) If composite, number of locations: \_\_\_\_\_  
If composite, spacing b/w locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

1st and Ayres at  
checkbank end of Oak  
St.  
Cundyside GRS (Sketch)

Sampling Methods / Equipment: Hand Auger

Dedicated Equipment:  YES  NO

Sample Description (include color, texture, mottling/staining, odor, etc.):

Dark brown fine to medium grained  
sand little organics

Comments (include problems encountered/deviations from sampling plan):

None

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: 55-7 Sampling Time: 12:35

QC Sample: YES  NO  Duplicate MSD

Depth of Sample: 1.0 bgs PID/FID Reading: 0.6

Grab Composite (Circle One) If composite, number of locations: \_\_\_\_\_  
If composite, spacing b/w locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

Riverbank north end  
of Riverbank Drive  
Cundyside GRS (Sketch)

Sampling Method / Equipment: Hand Auger

Dedicated Equipment:  YES  NO

Sample Description (include color, texture, mottling/staining, odor, etc.):

Dark brown silty sand w/ little clay  
some organics tree roots etc.

Comments (include problems encountered/deviations from sampling plan):

\_\_\_\_\_

Photo number(s): \_\_\_\_\_ Photo direction(s): \_\_\_\_\_

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: SS-8

Sampling Time: 12:45

QC Sample: YES NO

Duplicate

MSD Dup of SS-7

Depth of Sample: \_\_\_\_\_

PID/FID Reading: \_\_\_\_\_

Grab / Composite (Circle One)

If composite, number of locations: \_\_\_\_\_

If composite, spacing btwn locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Sketch)

Sampling Methods / Equipment: \_\_\_\_\_

Dedicated Equipment: YES NO

Sample Description (include color, texture, mottling/staining, odor, etc.): \_\_\_\_\_

Comments (include problems encountered/deviations from sampling plan): \_\_\_\_\_

Photo number(s): \_\_\_\_\_

Photo direction(s): \_\_\_\_\_

SOIL/SEDIMENT (CIRCLE ONE)

Sample Number: \_\_\_\_\_

Sampling Time: \_\_\_\_\_

QC Sample: YES NO

Duplicate

MSD

Depth of Sample: \_\_\_\_\_

PID/FID Reading: \_\_\_\_\_

Grab / Composite (Circle One)

If composite, number of locations: \_\_\_\_\_

If composite, spacing btwn locations: \_\_\_\_\_

Sample Location (include distance to a permanent feature):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Sketch)

Sampling Method / Equipment: \_\_\_\_\_

Dedicated Equipment: YES NO

Sample Description (include color, texture, mottling/staining, odor, etc.): \_\_\_\_\_

Comments (include problems encountered/deviations from sampling plan): \_\_\_\_\_

Photo number(s): \_\_\_\_\_

Photo direction(s): \_\_\_\_\_