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

Printed: 09/15/10 Code: NNNN-S Page 1 of 3

NLS Customer: NLS Project: 149334 99521

6515 Grand Teton Plaza Madison Fireworks Fund, Inc. Attn: Deb McCue Suite 140

Client:

Madison, WI 53719

Project: Surface Water

Tenney Park 1/1A NLS ID: 575075 COC: 125406 Matrix: SW

Collected: 08/02/10 15:00 Received: 08/03/10
Notes: Noncompliance: Metals scan is for informational use only.

Result 0.21	ma/L	Dilution	LOD	LOQ	Analyzed	Method	Lab
0.21	ma/L						
		-	0.020	0.050	08/10/10	EPA 200.7	721026460
ND	ug/L	_	2.6	9.2	08/10/10	EPA 200.7	721026460
ND	ug/L	_	3.1	1	08/10/10	EPA 200.7	721026460
28	ug/L	_	2.5*	5.0*	08/10/10	EPA 200.7	721026460
ND	ug/L	_	0.17	0.50	08/10/10	EPA 200.7	721026460
ND	ug/L	>	0.17	0.50	08/10/10	EPA 200.7	721026460
26	mg/L	_	0.15*	0.30*	08/10/10	EPA 200.7	721026460
ND	ug/L	_	1.0	3.0	08/10/10	EPA 200.7	721026460
[0.97]	ug/L	_	0.47	1.7	08/10/10	EPA 200.7	721026460
ND	ug/L	_	0.60	2.1	08/10/10	EPA 200.7	721026460
0.24	mg/L		0.025	0.050	08/10/10	EPA 200.7	721026460
ND	ug/L		1.0	3.0	08/10/10	EPA 200.7	721026460
3	mg/L	_	0.15	0.30	08/10/10	EPA 200.7	721026460
16	ug/L	_	1.0	2.0	08/10/10	EPA 200.7	721026460
[1.4]	ug/L	_	0.76	2.7	08/10/10	EPA 200.7	721026460
ND	ug/L	_	0.74	2.6	08/10/10	EPA 200.7	721026460
3.4	mg/L		0.15	0.30	08/10/10	EPA 200.7	721026460
ND	ug/L		2.4	8.7	08/10/10	SM 3113-B 19ed	721026460
ND	ug/L		0.22	0.77	08/10/10	EPA 200.7	721026460
21	mg/L	_	0.15	0.52	08/10/10	EPA 200.7	721026460
ND	ug/L	_	1.7	5.8	08/10/10	EPA 200.7	721026460
ND	ug/L	_	2.1	7.4	08/10/10	EPA 200.7	721026460
6.8	ug/L	_	0.33	1.0	08/10/10	EPA 200.7	721026460
2.0	ug/L	_	0.41	1.5	08/10/10	EPA 200.7	721026460
ND	ug/L	_	5.0	10	08/10/10	EPA 200.7	721026460
yes					08/06/10	EPA 200.7M	721026460
yes					08/09/10	EPA 200.0M	721026460
ND	ug/L	_	0.37*	4.0*	08/09/10	314.0	Edge
	28 ND ND ND ND ND ND ND ND ND ND	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 47]	ug/L ug/L ug/L ug/L 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L     1     3.1       ug/L     1     2.5*       ug/L     1     0.17       mg/L     1     0.15*       ug/L     1     0.15*       ug/L     1     0.60       ug/L     1     0.025       ug/L     1     0.025       ug/L     1     0.74       ug/L     1     0.75       ug/L     1     0.75       ug/L     1     0.74       ug/L     1     0.33       ug/L     1     0.30       ug/L     1     0.30   <	ug/L     1     3.1     11       ug/L     1     2.5*     5.0*       ug/L     1     0.17     0.50       ug/L     1     0.15*     0.30*       ug/L     1     0.15*     0.30*       ug/L     1     0.047     1.7       ug/L     1     0.060     2.1       ug/L     1     0.050     2.1       ug/L     1     0.025     0.060       ug/L     1     0.15     0.30       ug/L     1     0.74     2.6       mg/L     1     0.74     2.6       mg/L     1     0.74     2.6       ug/L     1     0.74     2.6       ug/L     1     0.74     8.7       ug/L     1     0.15     0.30       ug/L     1     0.15     0.30       ug/L     1     0.15     0.30       ug/L     1     0.15     0.52       ug/L     1     0.17     5.8       ug/L     1     0.33     1.0       ug/L     1     0.33     1.0       ug/L     1     0.37*     4.0*	Ug/L         1         3.1         1         08/10/10           Ug/L         1         2.5*         5.0*         08/10/10           Ug/L         1         0.17         0.50         08/10/10           Ug/L         1         0.17*         0.50         08/10/10           Ug/L         1         0.15*         0.30*         08/10/10           Ug/L         1         0.15*         0.30*         08/10/10           4         mg/L         1         0.025         0.050         2.1         08/10/10           4         mg/L         1         0.025         0.050         08/10/10           Ug/L         1         0.15         0.30         08/10/10           Ug/L         1         0.22         0.77         08/10/10           Ug/L         1         0.22         0.77         08/10/10           Ug/L         1         0.33         1.0         08/10/10           Ug/L

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## **ANALYTICAL REPORT**

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Printed: 09/15/10 Code: NNNN-S Page 2 of 3

NLS Customer: NLS Project: 149334 99521

Client: Madison, WI 53719 6515 Grand Teton Plaza Madison Fireworks Fund, Inc. Suite 140 Attn: Deb McCue

Project: Surface Water

Warner Park 2/2A NLS ID: 575076 COC: 125406 Matrix: SW

Collected: 08/02/10 15:20 Received: 08/03/10
Notes: Noncompliance: Metals scan is for informational use only.

Parameter	Notes. Noticompliatice: Metals scar is for illiornational use only.
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SP         ND         Ug/L         1         0.73           CP         ND         Ug/L         1         0.17           CP         ND         Ug/L         1         0.17           SP         ND         Ug/L         1         0.15*           CP         ND         Ug/L         1         1.0           MD         Ug/L         1         1.0           MD         Ug/L         1         0.025           ICP         5.8         mg/L         1         1.0           by ICP         5.8         mg/L         1         1.0           MD         Ug/L         1         1.0         0.76           by ICP         [0.86]         Ug/L         1         1.0           MD         Ug/L         1         0.74         0.75           MD         Ug/L         1         0.22         0.15           MD         Ug/L         1         0.22         1.7           ND         Ug/L         1         0.23         1.7           ND         Ug/L         1         0.33         1         0.21           ND         Ug/L         1         0.41	Parameter Aluminum, tot. recoverable as Al by ICP Antimony, tot. recoverable as Sb by ICP Arsenic, tot. recoverable as Sb by ICP Arsenic, tot. recoverable as As by ICP Arsenir, tot. recoverable as As by ICP		Units mg/L ug/L ug/L	Dilution	LOD 0.025 2.6 3.1	LOQ 0.050 9.2 11	Analyzed 08/10/10 08/10/10 08/10/10 08/10/10	Method EPA 200.7 EPA 200.7 EPA 200.7	0.7 0.7 0.7
ND	Barium, tot. recoverable as Ba by ICP Beryllium, tot. recoverable as Be by ICP	38 ND	ug/L Ug/L		2.5*	5.0* 0.50		08/10/10 08/10/10	00
15 mg/L 1 0.15*  NID Ug/L 1 10.47  [1.2] Ug/L 1 0.60  0.71 mg/L 1 0.025  [1.2] Ug/L 1 0.025  [1.2] Ug/L 1 0.025  [1.2] Ug/L 1 0.025  [1.2] Ug/L 1 0.025  P [0.86] Ug/L 1 0.76  ND Ug/L 1 0.76  ND Ug/L 1 0.74  2.4 mg/L 1 0.75  ND Ug/L 1 0.33  [1.2] Ug/L 1 0.41  ND Ug/L 1 0.33	Cadmium, tot. recoverable as Cd by ICP	ND	ug/L	_	0.17	0.50		0	0
ND	Calcium, tot. recoverable as Ca by ICP	15	mg/L		0.15*	0.30*		0	٥
ND ug/L 1 0.47 [1.2] ug/L 1 0.60 0.71 mg/L 1 0.025 [1.2] ug/L 1 0.025 [2.3] ug/L 1 0.15 82 ug/L 1 0.15 82 ug/L 1 0.15 82 ug/L 1 0.76 ND ug/L 1 0.74 2.4 mg/L 1 0.74 2.4 mg/L 1 0.74 8.0 ug/L 1 0.74 8.15 mg/L 1 0.22 8.15 mg/L 1 0.22 8.15 mg/L 1 0.22 8.15 ug/L 1 0.22 8.15 ug/L 1 0.22 8.15 ug/L 1 0.22 8.15 ug/L 1 0.23 8.3 ug/L 1 0.33 8.3 ug/L 1 0.33 8.3 ug/L 1 0.33 8.3 ug/L 1 0.33 8.3 ug/L 1 0.31 9.3 ug/L 1 0.33 9.3 ug/L 1 0.35 9.3 ug/L 1 0.35 9.3 ug/L 1 0.35 9.3 ug/L 1 0.35	Chromium, tot. recoverable as Cr by ICP	ND	ug/L		1.0	3.0			
[1.2] ug/L 1 0.60 0.71 mg/L 1 0.70 [1.2] ug/L 1 0.025 [1.2] mg/L 1 0.025 82 ug/L 1 0.15 82 ug/L 1 0.76 ND ug/L 1 0.76 ND ug/L 1 0.74 2.4 mg/L 1 0.74 ND ug/L 1 0.74 ND ug/L 1 0.22 15 mg/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 0.22 15 mg/L 1 0.15 ND ug/L 1 0.23 15 mg/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.50 yes	Cobalt, tot. recoverable as Co by ICP	ND	ug/L		0.47	1.7			
0.71 mg/L 1 0.025 [1.2] ug/L 1 10 5.8 mg/L 1 1.0 82 ug/L 1 1.0 P [0.86] ug/L 1 0.76 ND ug/L 1 0.74 2.4 mg/L 1 0.74 ND ug/L 1 0.22 ND ug/L 1 0.22 ND ug/L 1 0.22 ND ug/L 1 0.23 15 mg/L 1 0.15 ND ug/L 1 0.23 15 mg/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.50 yes	Copper, tot. recoverable as Cu by ICP	[1.2]	ug/L		0.60	2.1		08/10/10	
[1.2] ug/L 1 1.0 5.8 mg/L 1 0.15 82 ug/L 1 0.76 ND ug/L 1 0.76 ND ug/L 1 0.74 2.4 mg/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 0.22 15 mg/L 1 0.22 15 mg/L 1 0.15 ND ug/L 1 0.22 15 ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.50 yes	Iron, tot. recoverable as Fe by ICP	0.71	mg/L		0.025	0.050	50	08/10/10	08/10/10
5.8 mg/L 1 0.15 82 ug/L 1 10 82 ug/L 1 10 82 ug/L 1 10 82 ug/L 1 0.76 ND ug/L 1 0.74 2.4 mg/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 0.22 15 mg/L 1 0.15 ND ug/L 1 0.23 15 ug/L 1 0.33 9.3 ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.50 yes	Lead, tot. recoverable as Pb by ICP	[1.2]	ug/L		1.0	3.0		08/10/10	08/10/10
82     ug/L     1     1.0       P     [0.86]     ug/L     1     0.76       ND     ug/L     1     0.74       2.4     mg/L     1     0.15       ND     ug/L     1     0.22       15     mg/L     1     0.15       ND     ug/L     1     1.7       ND     ug/L     1     1.7       ND     ug/L     1     0.33       [1.2]     ug/L     1     0.41       ND     ug/L     1     0.41       ND     ug/L     1     0.41       ND     ug/L     1     5.0       yes	Magnesium, tot. recoverable as Mg by ICP	5.8	mg/L		0.15	0.30	Ō	08/10/10	08/10/10
P [0.86] ug/L 1 0.76 ND ug/L 1 0.74 2.4 mg/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 0.22 15 mg/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 0.33 [1.2] ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 5.0 yes	Manganese, tot. recoverable as Mn by ICP	82	ug/L	>	1.0	2.0		08/10/10	08/10/10
ND ug/L 1 0.74 2.4 mg/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 0.22 ND ug/L 1 0.22 15 mg/L 1 0.15 ND ug/L 1 0.15 ND ug/L 1 1.7 ND ug/L 1 1.7 ND ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 5.0 yes	Molybdenum, total recoverable as Mo by ICP	[0.86]	ug/L	>	0.76	2.7		08/10/10	
2.4 mg/L 1 0.15 ND ug/L 1 2.4 ND ug/L 1 2.4 ND ug/L 1 0.22 15 mg/L 1 0.15 ND ug/L 1 1.7 ND ug/L 1 1.7 ND ug/L 1 2.1 9.3 ug/L 1 0.33 [1.2] ug/L 1 0.41 ND ug/L 1 5.0 yes	Nickel, tot. recoverable as Ni by ICP	ND	ug/L	>	0.74	2.6	0,	08/10/10	08/10/10
ND ug/L 1 2.4  ND ug/L 1 0.22  15 mg/L 1 0.15  ND ug/L 1 1.7  ND ug/L 1 2.1  9.3 ug/L 1 0.33  [1.2] ug/L 1 0.41  ND ug/L 1 0.33  [1.2] ug/L 1 0.41  ND ug/L 1 5.0  yes	Potassium, tot. recoverable as K by ICP	2.4	mg/L		0.15	0.30	30	08/10/10	08/10/10
ND     ug/L     1     0.22       CP     15     mg/L     1     0.15       CP     ND     ug/L     1     1.7       CP     ND     ug/L     1     2.1       CP     9.3     ug/L     1     0.33       ICP     [1.2]     ug/L     1     0.41       ND     ug/L     1     5.0       yes     yes	Selenium, tot. recoverable as Se by furnace	ND	ug/L		2.4	8.7	7	08/10/10	08/10/10
CP     15     mg/L     1     0.15       CP     ND     ug/L     1     1.7       ND     ug/L     1     2.1       CP     9.3     ug/L     1     0.33       ICP     [1.2]     ug/L     1     0.41       ND     ug/L     1     5.0       yes	Silver, tot. recoverable as Ag by ICP	ND	ug/L		0.22	0.77	77	08/10/10	08/10/10
CP     ND     ug/L     1     1.7       ND     ug/L     1     2.1       CP     9.3     ug/L     1     0.33       ICP     [1.2]     ug/L     1     0.41       ND     ug/L     1     5.0       yes	Sodium, tot. recoverable as Na by ICP	15	mg/L		0.15	0	0.52	08/10/10	08/10/10
ND ug/L 1 2.1  CP 9.3 ug/L 1 0.33  ICP [1.2] ug/L 1 0.41  ND ug/L 1 0.41  yes  yes  yes	Thallium, tot. recoverable as TI by ICP	ND	ug/L	_	1.7	5.8	00	08/10/10	08/10/10
CP     9.3     ug/L     1       ICP     [1.2]     ug/L     1       ND     ug/L     1       yes     yes	Tin, tot. recoverable as Sn by ICP	ND	ug/L	_	2.1	7	7.4	08/10/10	08/10/10
ICP [1.2] ug/L 1  ND ug/L 1  yes  yes	Titanium, tot. recoverable as Ti by ICP	9.3	ug/L		0.33	_	.0	.0 08/10/10	0
ND ug/L 1  yes  yes	Vanadium, tot. recoverable as V by ICP	[1.2]	ug/L	>	0.41	_	CJ	.5 08/10/10	0
	Zinc, tot. recoverable as Zn by ICP	ND	ug/L		5.0	_	0	0 08/10/10	0 08/10/10 EPA 200.7
	Metals digestion - tot. recov.ICP	yes						08/06/10	08/06/10 EPA 200.7M
	Metals digestion - tot, recov. GF	yes						08/09/10	08/09/10 EPA 200.0M

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

ANALYTICAL REPORT

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

Printed: 09/15/10 Code: NNNN-S EPA Laboratory ID No. WI00034 Page 3 of 3

NLS Customer: NLS Project: 149334 99521

Client: Madison, WI 53719 Suite 140 6515 Grand Teton Plaza Attn: Deb McCue Madison Fireworks Fund, Inc.

Project: Surface Water

COC: 125406 Matrix: SW Warner Park 3/3A NLS ID: 575077

Collected: 08/02/10 15:30 Received: 08/03/10

Notes: Noticompilatice: Metals scall is for informational use only	y. Dog::#	= 3 7		-	-	Apswica	S per la company de la company	_ v
Aluminum, tot. recoverable as Al by ICP	ND Ser.	mg/L		0.025	0.050	08/10/10	EPA 200.7	721026460
Antimony, tot. recoverable as Sb by ICP	ND	ug/L	_	2.6	9.2	08/10/10	EPA 200.7	721026460
Arsenic, tot. recoverable as As by ICP	ND	ug/L		ω. Δ	11	08/10/10	EPA 200.7	721026460
Barium, tot. recoverable as Ba by ICP	29	ug/L		2.5*	5.0*	08/10/10	EPA 200.7	721026460
Beryllium, tot. recoverable as Be by ICP	ND	ug/L		0.17	0.50	08/10/10	EPA 200.7	721026460
Cadmium, tot. recoverable as Cd by ICP	N	ug/L		0.17	0.50	08/10/10	EPA 200.7	721026460
Calcium, tot. recoverable as Ca by ICP	15	mg/L	_	0.15*	0.30*	08/10/10	EPA 200.7	721026460
Chromium, tot. recoverable as Cr by ICP	ND	ug/L		1.0	3.0	08/10/10	EPA 200.7	721026460
Cobalt, tot. recoverable as Co by ICP	A	ug/L		0.47	1.7	08/10/10	EPA 200.7	721026460
Copper, tot. recoverable as Cu by ICP	ND	ug/L		0.60	2.1	08/10/10	EPA 200.7	721026460
Iron, tot. recoverable as Fe by ICP	0.24	mg/L		0.025	0.050	08/10/10	EPA 200.7	721026460
Lead, tot. recoverable as Pb by ICP	ND	ug/L	_	1.0	3.0	08/10/10	EPA 200.7	721026460
Magnesium, tot. recoverable as Mg by ICP	5.7	mg/L		0.15	0.30	08/10/10	EPA 200.7	721026460
Manganese, tot. recoverable as Mn by ICP	45	ug/L	_	1.0	2.0	08/10/10	EPA 200.7	721026460
Molybdenum, total recoverable as Mo by ICP	[0.88]	ug/L	_	0.76	2.7	08/10/10	EPA 200.7	721026460
Nickel, tot. recoverable as Ni by ICP	ND	ug/L	_	0.74	2.6	08/10/10	EPA 200.7	721026460
Potassium, tot. recoverable as K by ICP	2.5	mg/L	_	0.15	0.30	08/10/10	EPA 200.7	721026460
Selenium, tot. recoverable as Se by furnace	ND	ug/L		2.4	8.7	08/10/10	SM 3113-B 19ed	721026460
Silver, tot. recoverable as Ag by ICP	ND	ug/L	>	0.22	0.77	08/10/10	EPA 200.7	721026460
Sodium, tot. recoverable as Na by ICP	16	mg/L		0.15	0.52	08/10/10	EPA 200.7	721026460
Thallium, tot. recoverable as TI by ICP	ND	ug/L	_	1.7	5.8	08/10/10	EPA 200.7	721026460
Tin, tot. recoverable as Sn by ICP	ND	ug/L	_	2.1	7.4	08/10/10	EPA 200.7	721026460
Titanium, tot. recoverable as Ti by ICP	[0.72]	ug/L	_	0.33	1.0	08/10/10	EPA 200.7	721026460
Vanadium, tot. recoverable as V by ICP	[0.55]	ug/L	_	0.41	1.5	08/10/10	EPA 200.7	721026460
Zinc, tot. recoverable as Zn by ICP	ND	ug/L		5.0	10	08/10/10	EPA 200.7	721026460
Metals digestion - tot. recov.ICP	yes					08/06/10	EPA 200.7M	721026460
Metals digestion - tot. recov. GF	yes					08/09/10	EPA 200.0M	721026460
Perchlorate by EPA 314	ND	ua/L	_	0 37*	40*	08/09/10	314 0	FICE

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.

Authorized by: LOD = Limit of Detection LOQ = Limit of Quantitation Authorized by:

%DWB = (mg/kg DWB) / 10000ND = Not Detected (< LOD)

MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL

NA = Not Applicable

DWB = Dry Weight Basis

1000 ug/L = 1 mg/L

Reviewed by:

President