

Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	27 July 2020
Observers:	Adler, Graham

Color: Overall color of plant material (i.e. green, yellow, red, etc.)

Structure: Is the plant material mush, soft, medium, firm?

Flower: Presence or absence of flowers

Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 F1	43.265580	-89.597316	1	95% G 5% Y	Firm	Absent	
2 F6	43.265680	-89.597270	1	95% G 5% Y	Firm	Absent	Small amount of B-G algae present
3 F11	43.265741	-89.597220	2	90% G 10% Y	Firm	4 Flowers	
4 F16	43.265720	-89.597076	2	95% G 5% Y	Firm	Absent	
5 F21	43.265670	-89.596951	1	100% G	Firm	Absent	

General observations: 1-2 YFH seedlings in pond's inlet.
 Will keep pupp/recirculation system running for 2020 treatment to reach these plants.

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
F26	43.265595	-89.596913	1	95% G 5% Y	Firm	Absent	
F31	43.265535	-89.597019	1	95% G 5% Y	Firm	4 flowers	Bug damage on leaves
F36	43.265561	-89.597139	1	95% G 5% Y	Firm	Absent	Bug damage on leaves

Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	29 July 2020	Time: 10:05
Observers:	Adler, Graham	

Color: Overall color of plant material (i.e. green, yellow, red, etc.)

Structure: Is the plant material mush, soft, medium, firm?

Flower: Presence or absence of flowers

Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 F1	43.265580	-89.597316	1	90% G 10% Y	Firm	Absent	
2 F6	43.265680	-89.597270	2	95% G 5% Y	Firm	Absent	
3 F11	43.265741	-89.597220	3	95% G 5% Y	Firm	2 Flowers	
4 F16	43.265720	-89.597076	3	90% G 10% Y	Firm	Absent	Acorus
5 F21	43.265670	-89.596951	1	90% G 10% Y	Firm	Absent	

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
F26 6	43.265595	-89.596913	1	95% G 5% Y	Firm	Absent	
F31 7	43.265535	-89.597019	1	95% G 5% Y	Firm	Absent	Acorus
F36 8	43.265561	-89.59713	1	95% G 5% Y	Firm	Absent	

General observations: Many plants rooted on shore w/runners growing out into the water and forming roots.

Some very small seedlings on shore.

Dug out plants 2-3 feet from waters

edge w/no runners to water - herbicides

would not reach them.

Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	29 July 2020	Time: 15:07
Observers:	Adler, Graham	

Color: Overall color of plant material (i.e. green, yellow, red, etc.)
 Structure: Is the plant material mush, soft, medium, firm?
 Flower: Presence or absence of flowers
 Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 F1	43.265580	-89.597316	1	90% G 10% Y	Firm	Absent	
2 F6	43.265680	-89.597270	2	95% G 5% Y	Firm	Absent	
3 F11	43.265741	-89.597220	3	95% G 5% Y	Firm	Absent	
4 F16	43.265720	-89.597076	3	95% G 5% Y	Firm	Absent	Aconus
5 F21	43.265670	-89.596951	1	90% G 10% Y	Firm	Absent	

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
F26 6	43.265595	-89.596913	1	95% G 5% Y	Firm	Absent	
F31 7	43.265535	-89.597019	2	95% G 5% Y	Firm	Absent	Acorus
F36 8	43.265561	-89.597139	1	95% G 5% Y	Firm	Absent	

Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	30 July 2020
Observers:	Adler, Graham

Time: 12:02

- Color: Overall color of plant material (i.e. green, yellow, red, etc.)
 Structure: Is the plant material mush, soft, medium, firm?
 Flower: Presence or absence of flowers
 Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 F1	43.265580	-89.597316	1	95% G 5% Y	Firm Curling Leaves	Absent	
2 F6	43.265680	-89.597270	1	90% G 10% Y	Firm Curling Leaves	Absent	
3 F11	43.265711	-89.597220	3	90% G 8% Y 2% B	Firm Curling Leaves	1 Flower	
4 F16	43.265720	-89.597076	3	90% G 9% Y 1% B	Firm Curling Leaves	Absent	Acorus
5 F21	43.265670	-89.596951	1	90% G 10% Y	Firm Curling Leaves	Absent	

Plants to watch

Site 4: Plant rooted on shore, left of Acorus next to taller smartweed.

Site 6: Plant in front of Flag 26, marked w/rock stack.

Seedling in FA, marked by large white rock, in front of Flag 31.

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
F36 * 8	43.265561	-89.597139	1	90% G 10% Y	Firm Curling leaves Leggy stems	Absent	
F26 * 6	43.265596	-89.596913	1	95% G 5% Y	Firm Curling leaves	Absent	Arrowhead turning yellow
F31 * 7	43.265535	-89.59709	2	90% G 10%	Firm Curling leaves Leggy stems	Absent	

General Observations/Comments: Watching plants rooted on shore, does herbicide translocate enough to kill them?

*Ask Maureen/Michelle to come look at these plants?

2021 - 7 Raise water level to vbeam, cover rocks. So any seedlings above get treated.

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Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	1 August 2020	Time: 12:12
Observers:	Adler	

Color: Overall color of plant material (i.e. green, yellow, red, etc.)

Structure: Is the plant material mush, soft, medium, firm?

Flower: Presence or absence of flowers

Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 F1	43.265580	-89.597316	1	75% G 25% Y	Firm Curling Leaves Leggy Stems	Absent	
2 F6	43.265680	-89.597270	1	80% G 18% Y 2% B	Firm Curling Leaves Leggy Stems	Absent	
3 F11	43.265741	-89.597220	2	85% G 10% Y 5% B	Firm Curling Leaves Leggy Stems	Absent	
4 F16	43.265720	-89.597076	3	60% G 38% Y 2% B	Firm Curling Leaves Leggy Stems	Absent	Acorus Plant Check - Leaves curling @ shore w/ brown edges, curling stems
5 F21	43.265670	-89.596951	1	60% G 35% Y 5% B	Medium Curling Leaves Leggy Stems	Absent	Plant Check - Leaves curling, Stem medium/leggy

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
F26	43.265595	-89.596913	1	90% G 5% Y 5% B	Firm Curling Leaves Leggy stems	Absent	Plant Check
F31	43.265535	-89.597019	1	40% G 55% Y 5% B	Medium Curling Leaves Leggy stems	Absent	Plant Check = Leaves Pale Green, slightly curling Leggy medium stems
F36	43.265561	-89.597139	1	70% G 29% Y 1% B	Firm Curling Leaves Leggy stems	Absent	

Acerus

Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	5 August 2020
Observers:	Adler, Gira Nam

* Inlet YFH Dead, ^{one small} yellow leaf

Color: Overall color of plant material (i.e. green, yellow, red, etc.)

Structure: Is the plant material mush, soft, medium, firm?

Flower: Presence or absence of flowers

Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 FI	43.265580	-89.597316	<1	90% Y 5% B 5% G	Soft Curling leaves Weak stems	Absent	
2 F6	43.265680	-89.597270	2	5% G 90% Y 5% B	Soft Curling Leaves Weak stems	Absent	
3 F11	43.265741	-89.597220	3	15% G 80% Y 5% B	Soft Curling Leaves Weak stems	Absent	
4 F16	43.265720	-89.597076	2	7% G 90% Y 3% B	Soft Curling Leaves Weak stems	Absent	Acorus Plant Chuck: curling but Green, legs stems
5 F21	43.265670	-89.596951	1	2% G 95% Y 3% B	Soft Curling Leaves Weak stems	Absent	Plant Chuck: mushy, dry, Curled, dead Dead Arrowweed

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
F26 6	43.265595	-89.596913	1	1% G 89% Y 1% B/R	Soft Curving leaves Weak stems	Absent	
F31 7	43.265535	-89.597019	2	8% G 90% Y 2% B	Soft V. Leggy stems (curving leaves)	Absent	Plant check: Aca Weak/soft, leggy, pale green + yellow curving
F36 8	43.265561	-89.597139	1	5% G 90% Y 5% B	Soft Curving leggy	Absent	

Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	12 August 2020
Observers:	Adler, Graham

Inlet Plant → gone

Color: Overall color of plant material (i.e. green, yellow, red, etc.)

Structure: Is the plant material mush, soft, medium, firm?

Flower: Presence or absence of flowers

Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 F1	43.265580	-89.597316	<1 0.2	50% Y 50% B	Soft	Ab	
2 F6	43.265680	-89.597270	<1 0.5	50% Y 50% B	Soft	Ab	Live, green plants on shore
3 F11	43.265680	-89.597220	2	5% G 35% Y 60% Brown	Soft → Mush	Ab	
4 F16	43.265720	-89.597076	1	5% G 35% Y 60% B	Soft → Mush	Ab	Acorus Plant Check: Green, slightly curled + leafy, looks better
5 F21	43.265670	-89.596951	<1 0.5	20% Y 80% B	Soft		Plant Check: Gone

Comments: Loose floating, dead leaves

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
F26 6	43.265596	-89.596913	<1 0.2	50% Y 50% Brown → Red	Soft	Absent	Arrowhead Arrowhead Gonal
F31 7	43.265536	-89.597019	1	50% Y 50% B	Soft → mush V. lsgy	Absent	Plant stuck → Weak, yellow + brown, limp Acosas
F36 8	43.265561	-89.597139	<1 0.5	40% Y 60% B	Soft → mush V. lsgy	Absent	

Aquatic Plant Survey for Small Scale Waterbodies - Qualitative Data Form

Date:	19 August 2020
Observers:	Adler

Color: Overall color of plant material (i.e. green, yellow, red, etc.)

Structure: Is the plant material mush, soft, medium, firm?

Flower: Presence or absence of flowers

Other: Any other observations?

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
1 F1	43.265580	-89.597316	0	-	-	-	-
2 F6	43.265680	-89.597270	<1, 0.1	100% B	Mush	Absent	Living plants up on shore dug up
3 F11	43.265741	-89.597220	1	100% B	Mush	Absent	Living plants up on shore dug up
4 F16	43.265720	-89.597076	<1, 0.5	100% Br	Mush	Absent	Acorus Present Arrowhead blooming Plant check - Leggy, but leaves larger, Dug up
5 F21	43.265670	-89.596951	<1, 0.2	100% B	Mush	Absent	Plant check - Dead / Gone

Site	Latitude	Longitude	Overall % Surface Coverage	Color	Structure	Flower	Other
6 F26	43.265595	-89.596913	0	-	-	-	-
7 F31	43.265535	-89.597019	<1, 0.1	100% Brown	Mush	Absent	Acorus Present Plant Check - Leaves brown, mushy, dead
8 F36	43.265561	-89.597139	<1, 0.5	100% Brown	Mush	Absent	

Free-
Floating stems + leaves → brown and dead

Dug up all living plants on shore that could be found