The background of the entire page is a light gray gradient. It is decorated with numerous water droplets of various sizes, some of which are in sharp focus, showing highlights and shadows. Faint, concentric ripples are visible in the center of the page, suggesting a stone dropped into water.

MOSHAWQUIT LAKE DASH OPERATIONS MANUAL

REFERENCE FIGURES

FIGURE 1



FIGURE 2



FIGURE 3



FIGURE 4



FIGURE 5



FIGURE 6



FIGURE 7

Moshawquit Lake August 29, 2018

Rake Fullness Rating

Eurasian Watermilfoil

- 1
- 2
- 3
- Visual

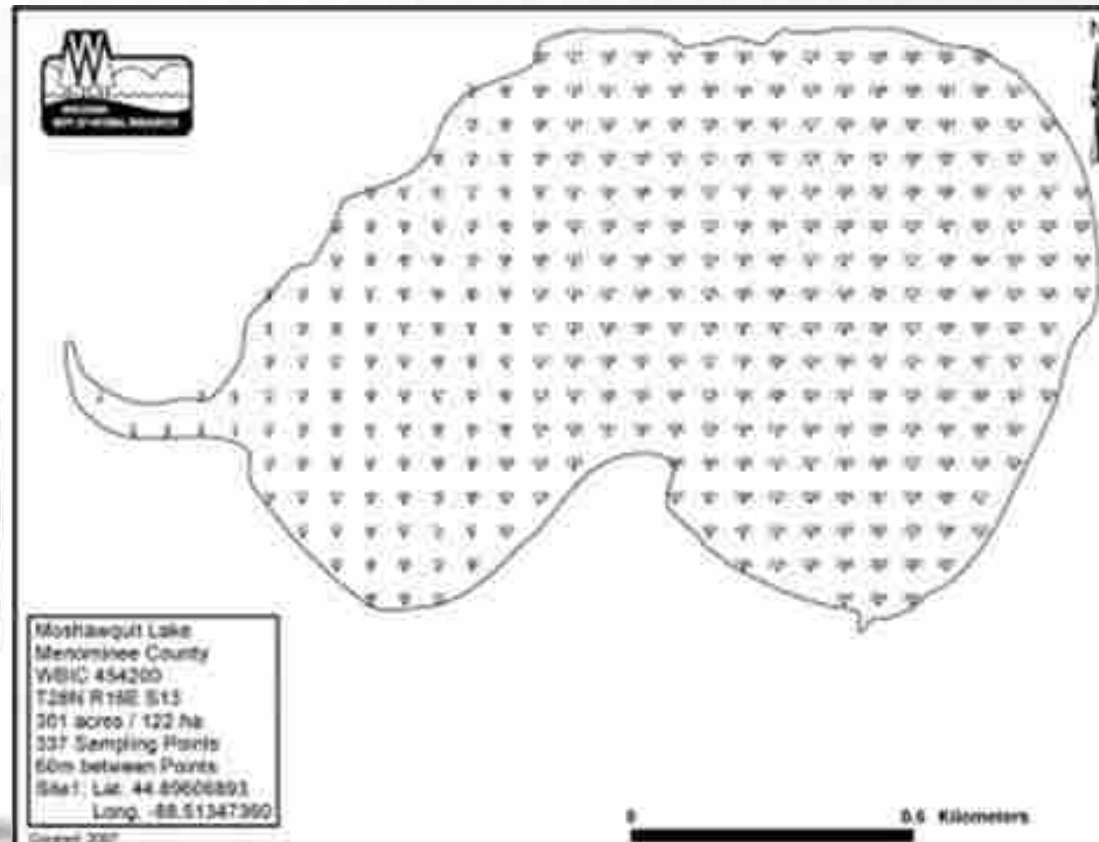
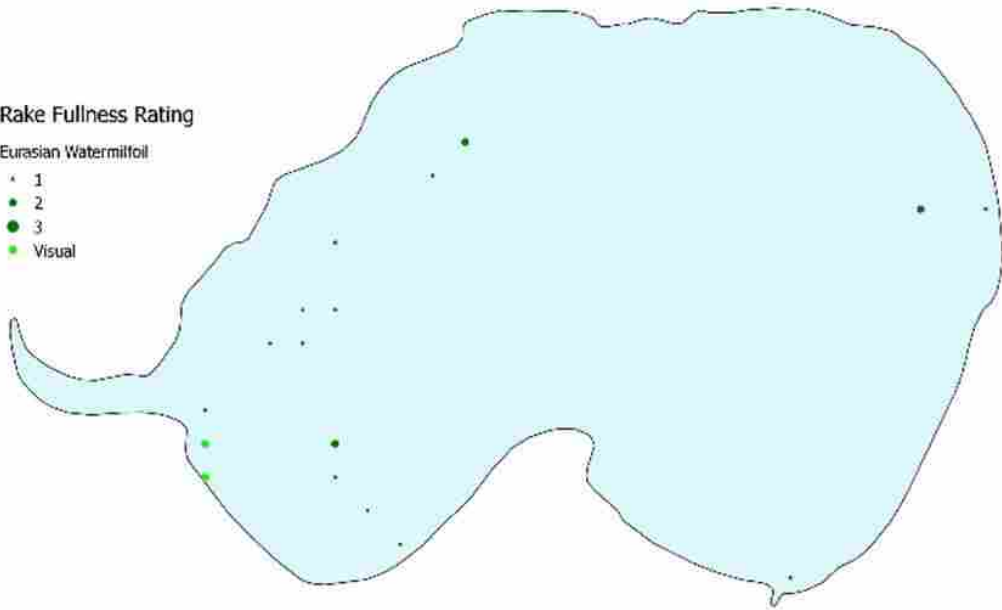


FIGURE 8

DASH PERSONNEL

- TOPSIDE (CAPTAIN)
- DASH DIVER
- KAYAKER
- DISPOSAL PERSON
- SERVICE & MAINTENANCE

FIGURE 9

Chapter 2 - DASH Pre-Deployment Checklist

- ☐ Clipboard box (with keys, Data sheets, permit, GPS) obtain from last Topside (Captain) DASH
- ☐ **23 HP Kohler Compressor/pump/engine** gas tank is full
- ☐ **35 HP Mercury Outboard** gas tank is full with **Premium (no ethanol) Mixed with two cycle oil (ratio is 35:1)** If in doubt, call Mark Emerick.
- ☐ 50 mesh bags in a white 5 gallon bucket (next to the collection tank.)
- ☐ Diver flag is on board DASH. (Flag may be raised into support if the boat is already on the water.)
- ☐ DASH permit, Moshawquit Lake map, and GPS are on board (in cabinet under console.)
- ☐ 2 anchors are on board (stowed at front 2 corners of boat)
- ☐ 2 electric priming (bilge) pumps are on board (stowed on hooks)
- ☐ Diver access ladder is on board. (stowed on deck)
- ☐ Sun umbrella is on board. (stowed between console and railing.)
- ☐ 2 throwable flotation cushions are on board and visible (hanging from front of console).
- ☐ 4 orange life vests are on board (stowed in black trunk at back of DASH boat)
- ☐ Pool skimmer for collecting EWM fragments is on board (stowed on outside of railing).
- ☐ Small cooler with 4-6 bottles of bottled water on board.
- ☐ Diver gear by diver:
 - ☐ Mask & snorkel (if desired)
 - ☐ Fins and or booties
 - ☐ Wetsuit (hood optional)
 - ☐ Weight belt
 - ☐ Mask anti-fogging drops
 - ☐ Spray bottle filled with mouthwash (Listerine or equal) for rinsing regulators.
 - ☐ Regulators are inside a ziploc bag with a rubber band (to keep bugs out.)
 - ☐ Towel(s)
- ☐ Sunscreen for topside workers.

FIGURE 9.1



FIGURE 9.2



FIGURE 9.3



FIGURE 9.4



FIGURE 9.5



FIGURE 9.6



FIGURE 9.7



FIGURE 9.8



FIGURE 9.9



FIGURE 9.10



FIGURE 9.1 1



FIGURE 9.12

- NEED PHOTO OF POOL SKIMMER

FIGURE 10



FIGURE 11

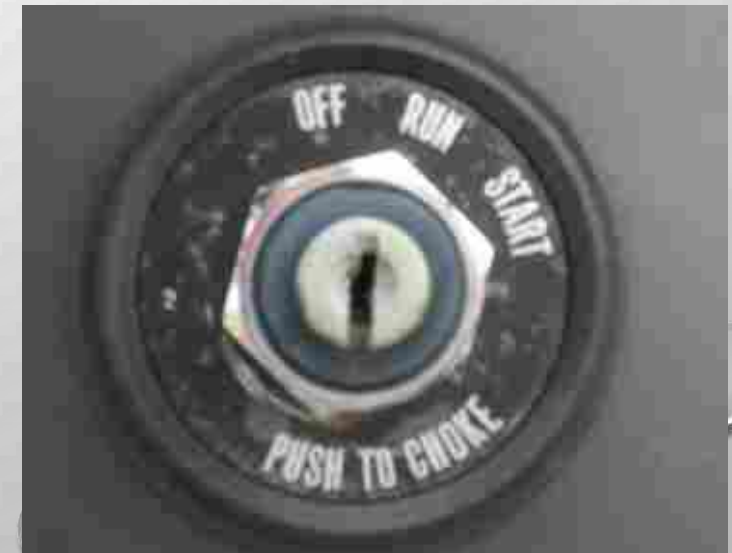


FIGURE 12



FIGURE 13



FIGURE 14

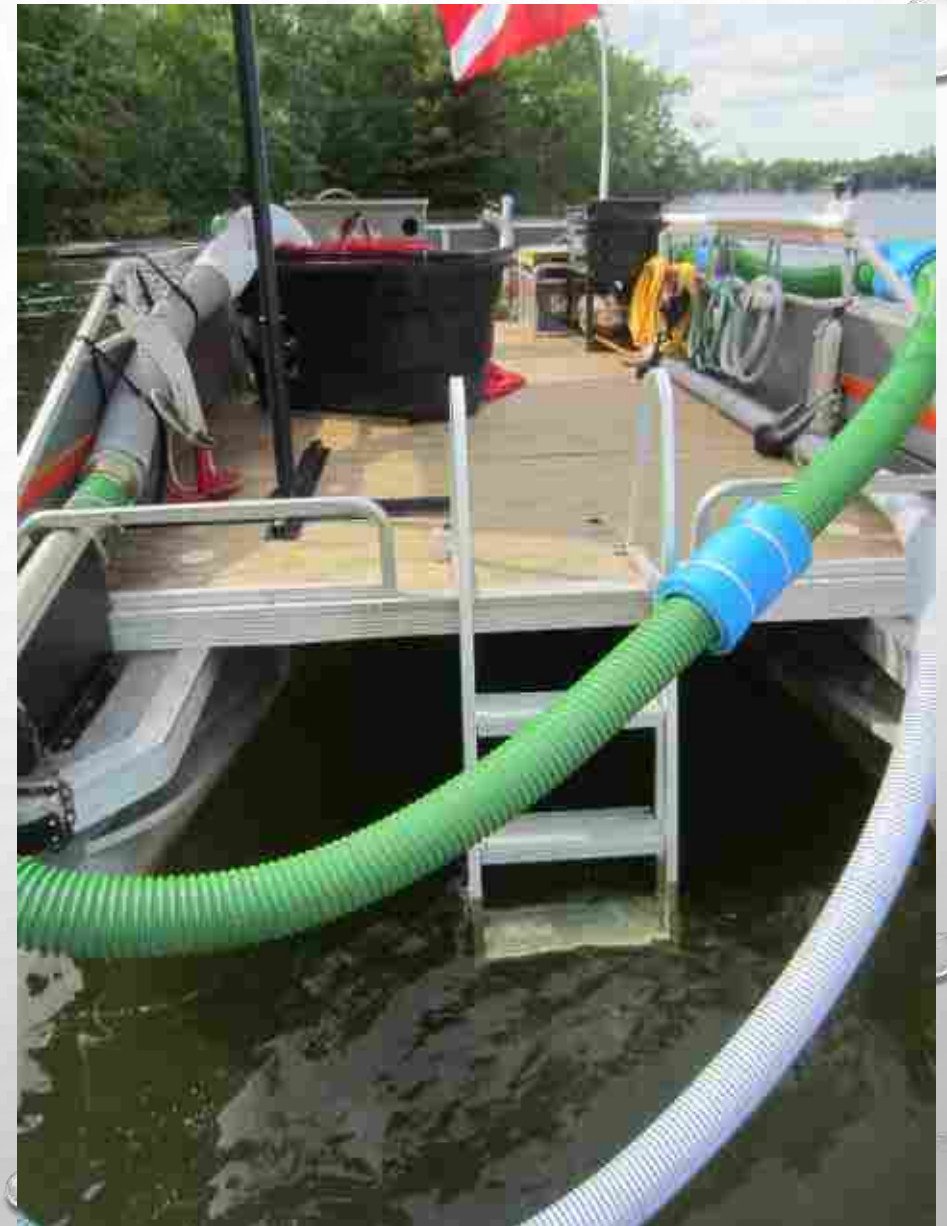


FIGURE 15



FIGURE 16



FIGURE 17



FIGURE 18



FIGURE 19



FIGURE 20



FIGURE 21



FIGURE 22



FIGURE 23



FIGURE 24

2018 Moshawquit Lake DASH Project:

Permit # NE-2018-40-0108M

Harvesting hours are tracked from arrival time to departure time from dock/work site; less than 1/2 hour per day

Date	Location(s) (Grid points)	Location(s) Longitude	Location(s) Latitude	Start Time	Finish Time	Harvesting Hours	1/2 CY. Bag Count	Comments	Conditions	% EWM Catch	EWM Weight	% Native Catch	Native Weight	Native Catch
7/13/2018	Between 107 & 120	44.89944457	-88.50312736	8:00 AM	10:30	2.5	16		78 - 82 F; Wind 3-7 MPH, WNW	95	532	5	28	niad, water celery
7/13/2018	57	44.89381995	-88.50669272	10:40	12:00	2.3	12		78 - 82 F; Wind 3-7 MPH, WNW	90	378	10	42	coontail, flat stem pondweed
7/27/2018	57	44.89381995	-88.50669272	8:00	9:00	1	15		71 - 74 F; Wind 7-12 MPH, NW	90	473	10	53	coontail, flat stem pondweed
7/27/2018	Between 107 & 120	44.89944457	-88.50312736	9:10	9:20	0.25	1	re-check of previous work	71 - 74 F; Wind 7-12 MPH, NW	95	33	5	2	niad, water celery
7/27/2018	329	44.89794979	-88.49214725	12:30	1:00	0.5	0	no EWM found	71 - 74 F; Wind 7-12 MPH, NW	0	0	0	0	
7/27/2018	299	44.90066953	-88.49359606	1:00	1:30	0.5	0	No EWM found	71 - 74 F; Wind 7-12 MPH, NW	0	0	0	0	
7/27/2018	88	44.89326013	-88.50518749	1:40	3:00	1.3	2		71 - 74 F; Wind 7-12 MPH, NW	95	67	5	4	elodea
8/3/2018	57	44.89381995	-88.50669272	8:00	9:00	1	3	re-check of previous work	70-77 F; Wind 5-10 MPH, SSW	95	100	5	5	water celery
8/3/2018	26	44.89707946	-88.50812817	9:15	9:45	0.5	2	visual' from survey, sparse plants	70-77 F; Wind 5-10 MPH, SSW	90	63	10	7	bladderwort
8/3/2018	51	44.8970596	-88.50660886	10:00	11:00	1	8		70-77 F; Wind 5-10 MPH, SSW	90	252	10	28	elodea, northern water milfoil
8/3/2018	51	44.8970596	-88.50660886	11:45	3:00	3.25	7		70-77 F; Wind 5-10 MPH, SSW	90	221	10	25	wild celery, northern watermilfoil
8/6/2018	57	44.89381995	-88.50669272	9:30	10:30	1	4		73 - 84 F; Wind 3-8 MPH, WSW	95	133	5	7	wild celery
8/6/2018	56	44.89435989	-88.50667875	10:40	1:00	2.3	6		73 - 84 F; Wind 3-8 MPH, WSW	95	200	5	11	wild celery
8/10/2018	56	44.89435989	-88.50667875	8:00	10:30	2.5	13		78 - 86 F; Wind 0-4 MPH, SSW	95	432	5	23	wild celery
8/10/2018	57	44.89381995	-88.50669272	10:30	12:00	2	21		78 - 86 F; Wind 0-4 MPH, SSW	95	698	5	37	wild celery
8/10/2018	56	44.89435989	-88.50667875	12:30	4:30	4	14.5		78 - 86 F; Wind 0-4 MPH, SSW	95	482	5	25	wild celery
8/13/2018	56	44.89435989	-88.50667875	9:00	10:00	1	10		85 - 89 F; Wind 3-7 MPH, SSW	95	333	5	18	wild celery
8/13/2018	57	44.89381995	-88.50669272	10:00	12:45	2.75	18		85 - 89 F; Wind 3-7 MPH, SSW	95	599	5	32	wild celery
8/13/2018	284	44.90013961	-88.49436986	1:30	6:00	4.5	17		85 - 89 F; Wind 3-7 MPH, SSW	95	565	5	30	wild celery
8/17/2018	Between 57 & 44	44.89361667	-88.50700000	8:00	3:45	7.75	28		76 - 87 F; Wind 3-6 MPH, ENE	90	882	10	98	wild celery, flat stem pondweed, elodea
8/31/2018	Between 56 & 43	44.89426667	-88.50703333	9:00	4:30	7.5	38.5		70 - 82 F; Wind 7-12 MPH, SSE	90	1213	10	135	wild celery, flat stem pondweed
9/7/2018	Between 56 & 43	44.89421667	-88.50673333	8:30	3:30	7	45.5		63 - 72 F; Wind 0-12 MPH, ENE	95	1513	5	80	wild celery, flat stem pondweed
											9167		686	
Total Bags							281.5							
Weight per bag - 35 lbs. (50% dewatered)							35							
Total lbs							9167							
Native lbs.							686							
Non-Native lbs.							8481							

FIGURE 25



FIGURE 26



FIGURE 27



FIGURE 28



FIGURE 29



FIGURE 30

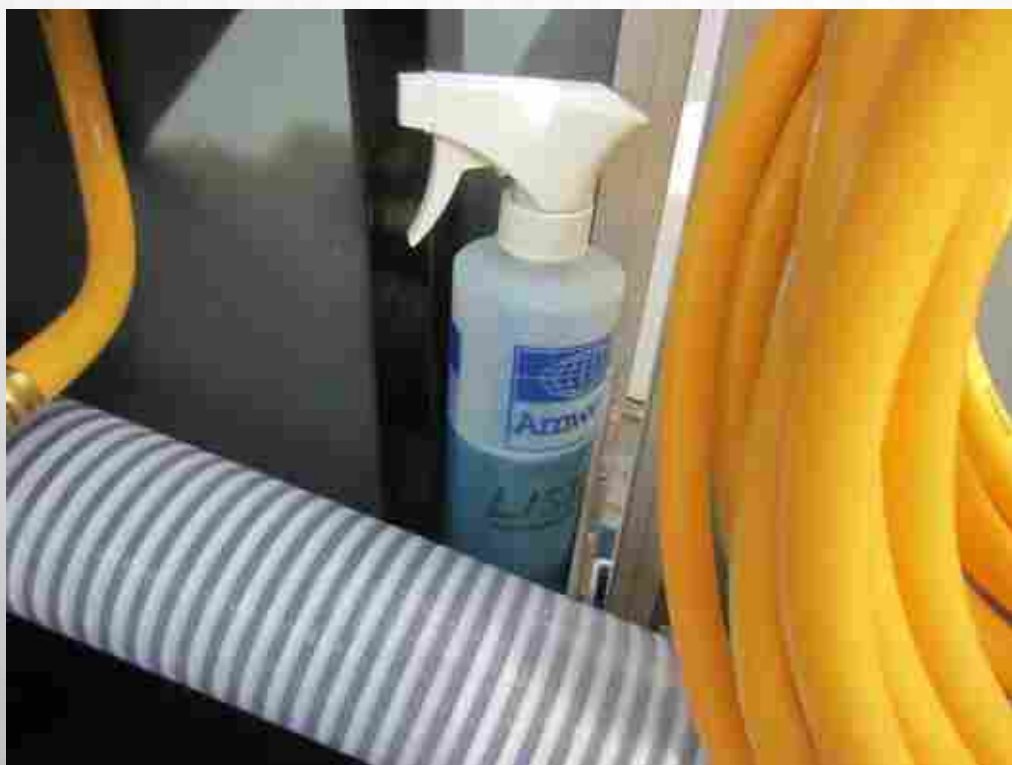


FIGURE 31



FIGURE 32



FIGURE 33



FIGURE 34

- ☐ Diver gear by diver:
 - ☐ Mask & snorkel (if desired)
 - ☐ Fins and or booties
 - ☐ Wetsuit (hood optional)
 - ☐ Weight belt
 - ☐ Mask anti-fogging drops
 - ☐ Spray bottle filled with mouthwash (Listerine or equal) for rinsing regulators.
 - ☐ Regulators are inside a ziploc bag with a rubber band (to keep bugs out.)
 - ☐ Towel(s)

FIGURE 35



FIGURE 36



FIGURE 37



FIGURE 38

