



BIOLOGIST:
 COLIN GOSSELIN
 C: (508) 259-3153
 COLIN@WATERANDWETLAND.COM
 CALL/TEXT WITH ANY QUESTIONS!



FIELD NOTES SUMMARY

CUSTOMER: TOWN OF WALPOLE (CLARKS POND)
SITE LOCATION: WALPOLE, MASSACHUSETTS
DATE: 8/3/21, 12:30 PM

OBSERVATIONS / NOTES: ON AUGUST 3RD, CO-OWNER/AQUATIC BIOLOGIST, COLIN GOSSELIN, AND ENVIRONMENTAL SCIENTIST, JAMES LACASSE CONDUCTED THE 1ST AUGUST VISIT TO CLARK’S POND. A VISUAL SURVEY WAS PAIRED WITH A THROW-RAKE, AS NEEDED. TRACE VARIABLE MILFOIL REGROWTH WAS OBSERVED IN THE SHALLOWEST AREAS OF THE POND. WE WILL BE PLANNING FOR A POSSIBLE TREATMENT DURING THE NEXT VISIT TO STOP ANY POCKETS OF REGROWTH. ALSO PLANNED DURING THE NEXT VISIT IS TREATMENT TO SCALE BACK THE WATERLILIES TO A MORE DESIRABLE/HEALTHY LEVEL. WHILE WATERLILIES PROVIDE VALUABLE COVER AND HABITAT, LARGE AREAS OF DENSE LILIES CAN LIMIT OXYGEN EXCHANGE AND AQUATIC PLANT BIODIVERSITY. SCATTERED PHRAGMITES AND PURPLE LOOSESTRIFE WERE OBSERVED AROUND THE SHORELINE AND WILL CONTINUE TO BE MONITORED AND TREATED ACCORDINGLY (TYPICALLY SEPTEMBER IS THE IDEAL TREATMENT WINDOW FOR THESE INVASIVE SPECIES). WATER CLARITY WAS MODERATE AND CONDITIONS WERE CALM AND PARTLY SUNNY. MINIMAL FLOW WAS OBSERVED AT THE OUTLET (PHOTO 6).

WHILE ON-SITE, SURFACE TEMPERATURE AND DISSOLVED OXYGEN READINGS WERE COLLECTED USING A CALIBRATED YSI METER. THE TEMPERATURE WAS CONSISTENT WITH WHAT WE’VE BEEN SEEING AT OTHER SIMILAR PONDS IN THE AREA. THE DISSOLVED OXYGEN WAS SUFFICIENT TO SUPPORT FISH AND WILDLIFE.

WE TENTATIVELY HAVE THE NEXT VISIT TO CLARK’S POND SCHEDULED FOR AUGUST 16TH WHERE WE WILL BE SCALING BACK THE NUISANCE LEVEL WATERLILIES AND TREATING ANY MILFOIL REGROWTH AS NECESSARY. (THIS DATE IS OF COURSE PENDING WEATHER AND A MORE FORMAL NOTIFICATION WILL BE PROVIDED IN ADVANCE).

POND	SURFACE TEMP (°C)	SURFACE DO (MG/L)
CLARKS POND	23.4	9.02

PHOTOS

