



Crooked Lake Invasive Species Management

October 16, 2012



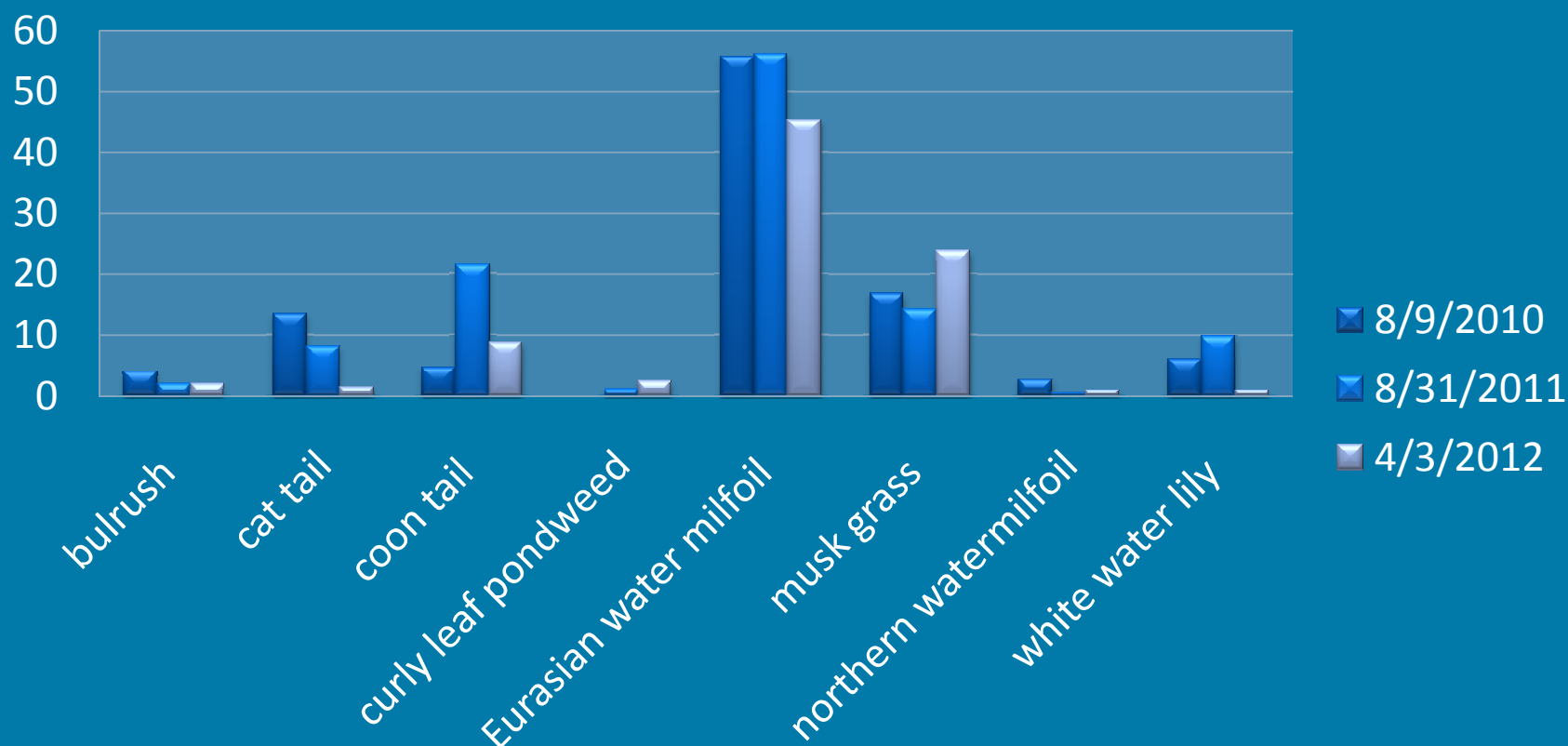
2012 Treatment

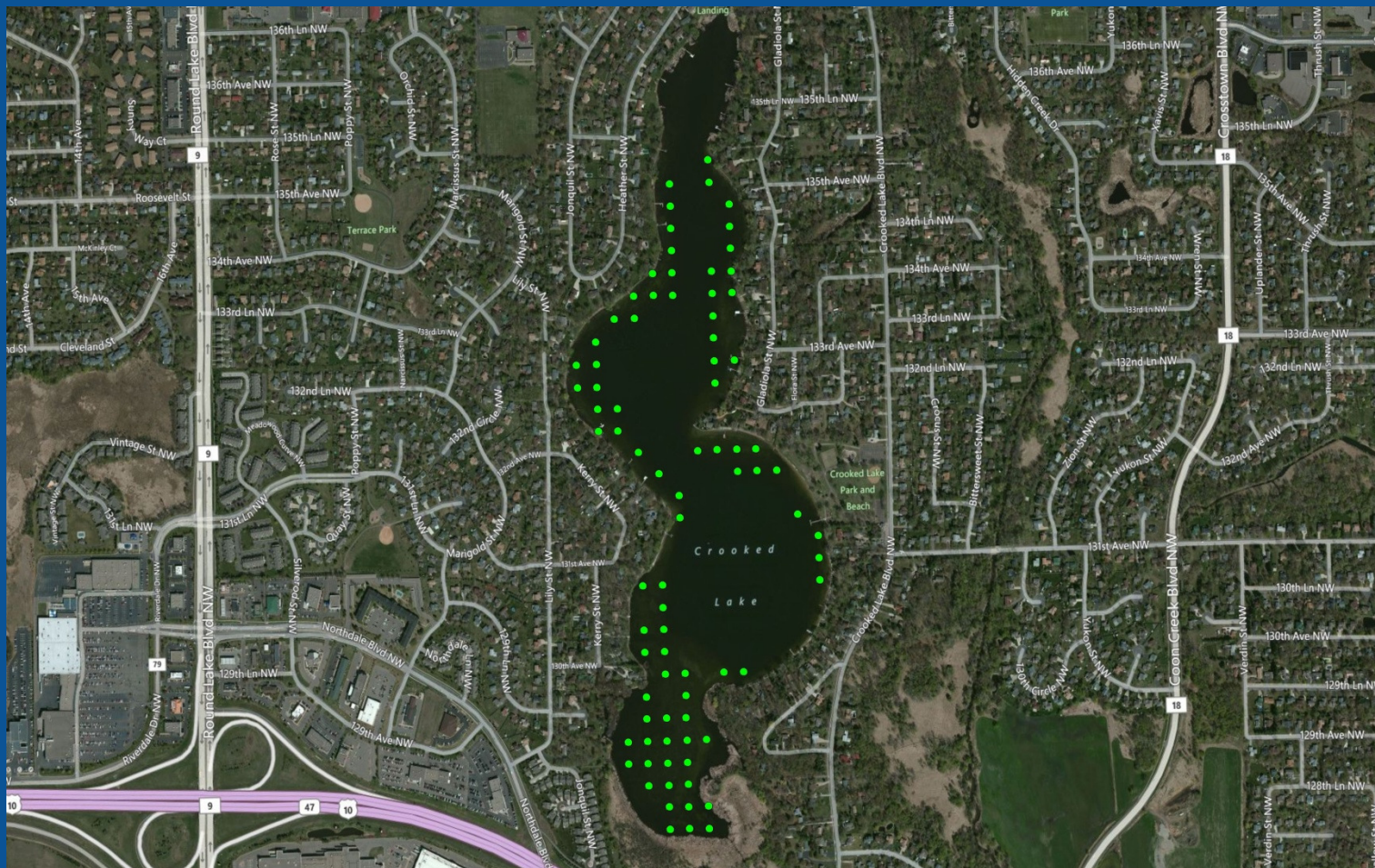




Crooked Lake % occurrence

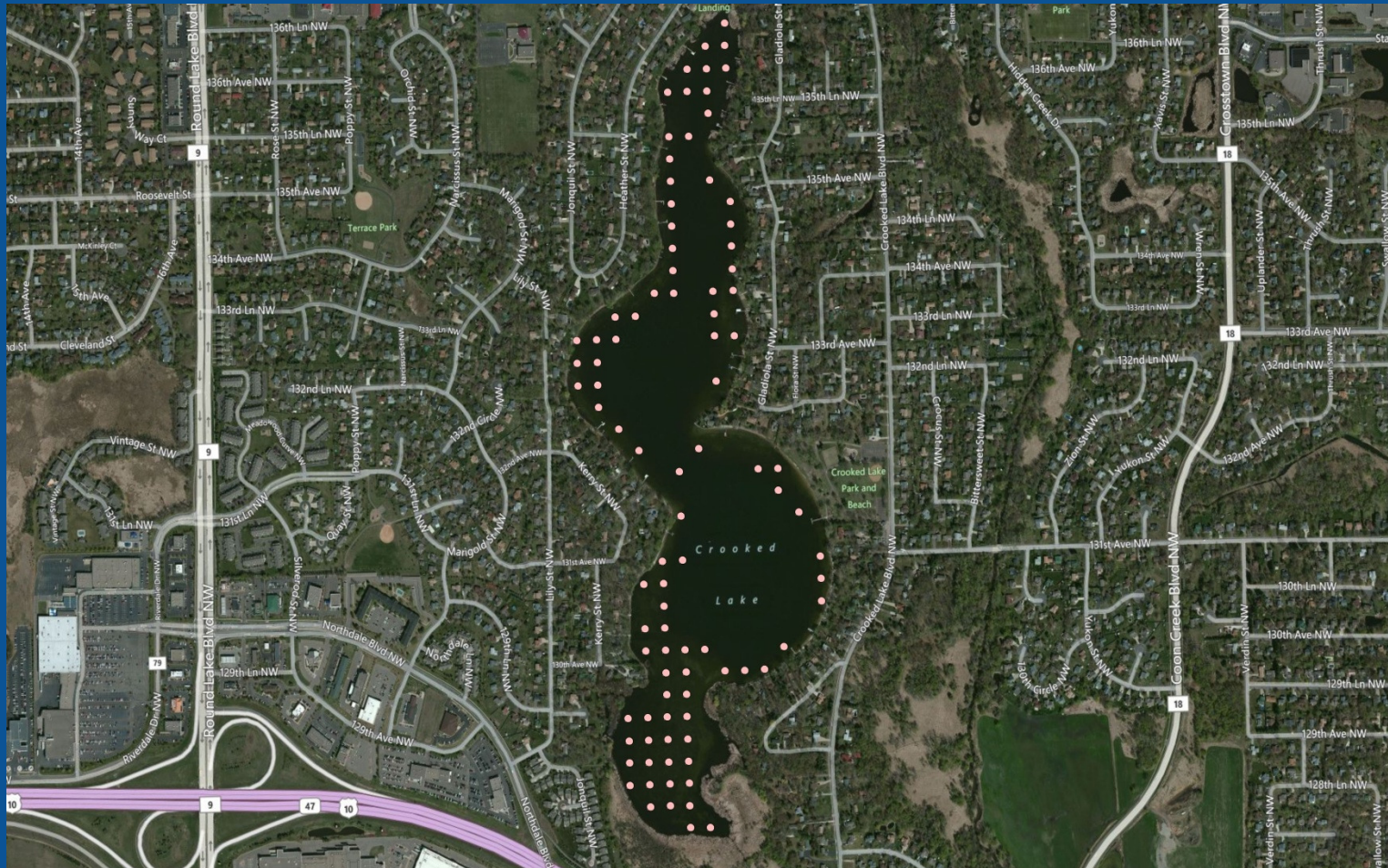
Chart Title







2012 EWM





- EWM continues to remain at higher levels than native plants
- EWM is a lake wide issue impacting nearly everybody on the lake
- Hybrid Milfoil is in the lake



Advantages of lake wide treatment?

- Lake wide treatments will control nearly 99% of the EWM in the year of treatment
- Lake wide treatment may result in no treatment required years 2,3,4 following
- Lake wide treatments will significantly reduce the ability for fragments to spread to other areas of the lake
- By significantly reducing the amount of EWM present in the lake, there is less chance of users to spread it to other nearby lakes



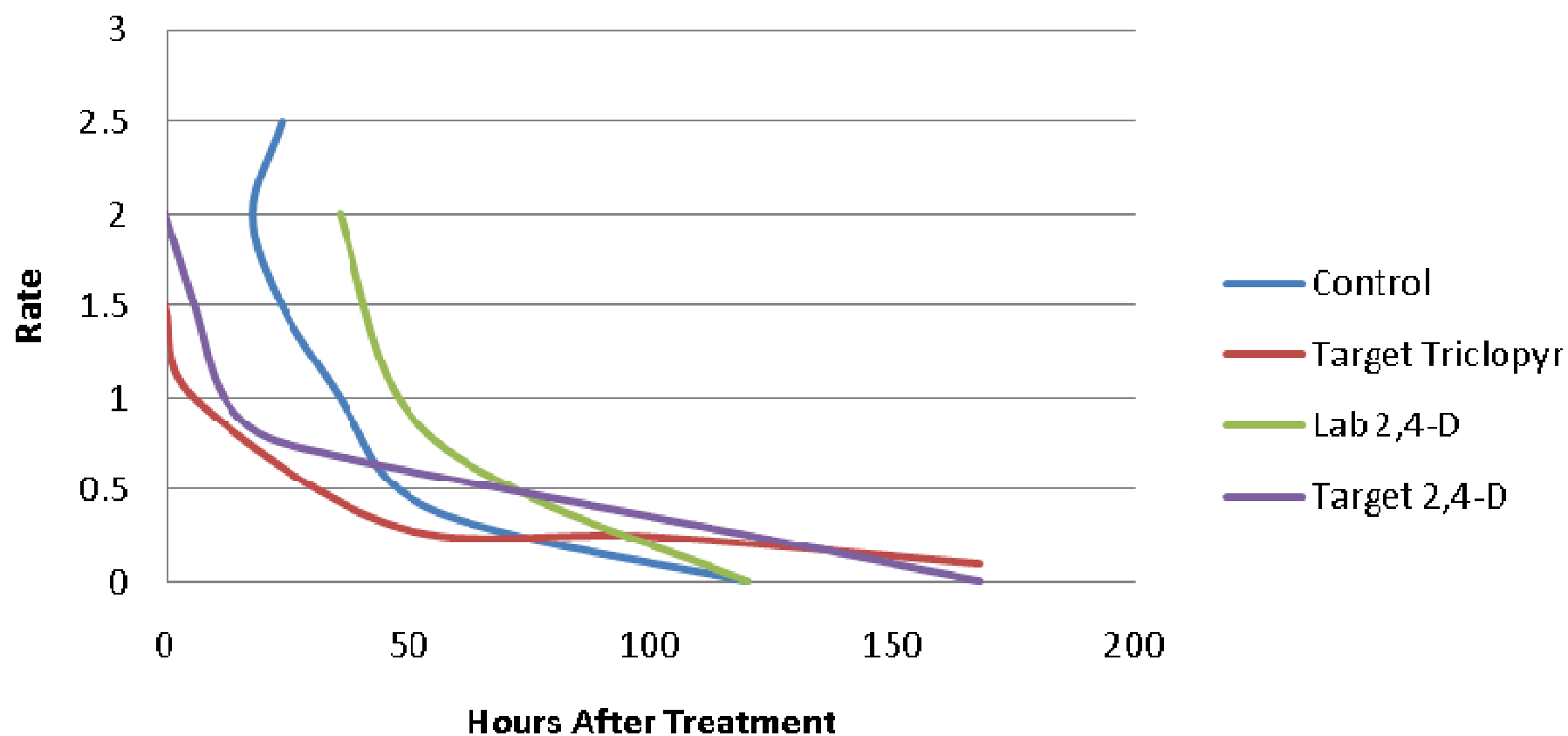
Disadvantages of Bay wide Treatment

- Lake wide treatment at low doses will have impacts on Lily pads and other dicot species. It is expected that 2-4 weeks post treatment lily pads will show signs of stress, however they are likely to recover.
- Bay wide treatments will have Restrictions on watering crop and other annual broad leaf plants in excess of 21 days.



CET

Concentration exposure time





Cost

Treatment	Area	Rate ppm	Cost/Acre	Total
Renovate OTF				
Spot	12	2	\$577.00	\$6,924.00
Lakewide	118	.316	\$406.00	\$48,000.00
Thermo cline	118	.316	\$362.36	\$42,759.00
2,4-D (liquid)				
Spot	12	3	\$300.00	\$3,600.00
Lakewide	118	.75	\$222.91	\$26,304.00
Thermo cline	118	.75	\$198.91	\$23,472.00
Fluridone				
Lakewide	118	6+2+2 (ppb)	\$208.81	\$24,640.00