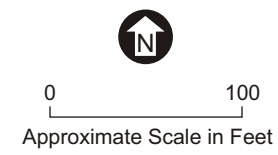


Appendix F

***Lake Holiday, Wing Lake, and Lake Rose
2008 Macrophyte Surveys***

- Macrophyte densities estimated as follows: 1 = light; 2 = moderate; 3 = heavy, 3+ extremely dense
- Sand deltas on all storm sewer inlet locations.
- *Lythrum salicaria* (Purple loosestrife) growing sporadically along entire lake perimeter.
- No plants or plant life observed during August survey.
- Dense **Algal bloom**.

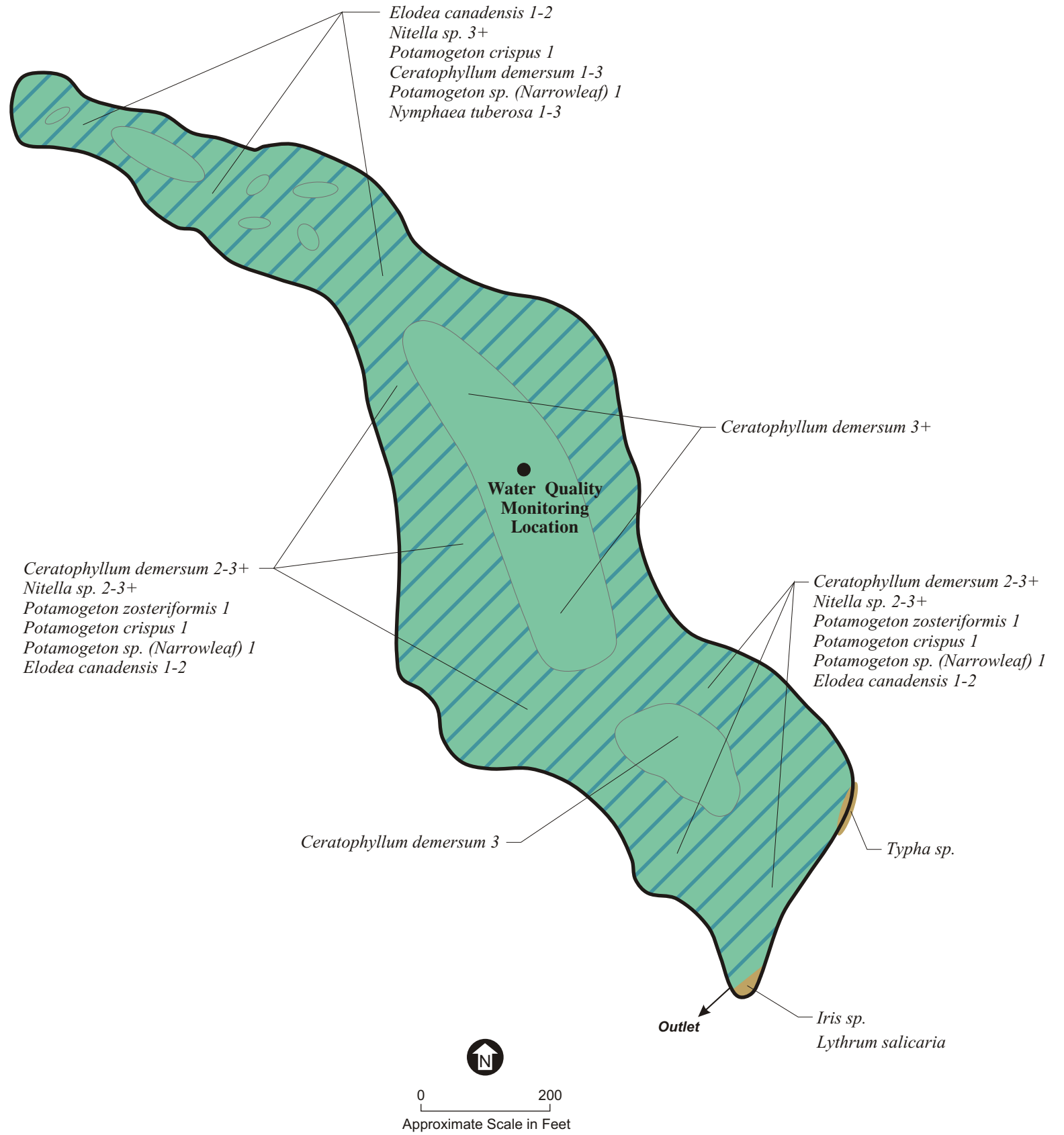
	<u>Common Name</u>	<u>Scientific Name</u>
Submerged Aquatic Plants:		
Floating Leaf:		
Emergent:	 Purple loosestrife	<i>Lythrum salicaria</i>
No Aquatic Vegetation Found:		



LAKE HOLIDAY
MACROPHYTE SURVEY
AUGUST 13, 2008

- Macrophyte densities estimated as follows: 1 = light; 2 = moderate; 3 = heavy, 3+ extremely dense
- *Nymphaea tuberosa* (White waterlily) throughout entire lake. Dense from shore out to middle.
- *Lythrum salicaria* (Purple loosestrife) and *Iris sp.* (Iris) sporadic along lake perimeter.
- *Nitella sp.* (Stonewort) found closer to shore and *Ceratophyllum demersum* (Coontail) 3-3+ near center of lake.

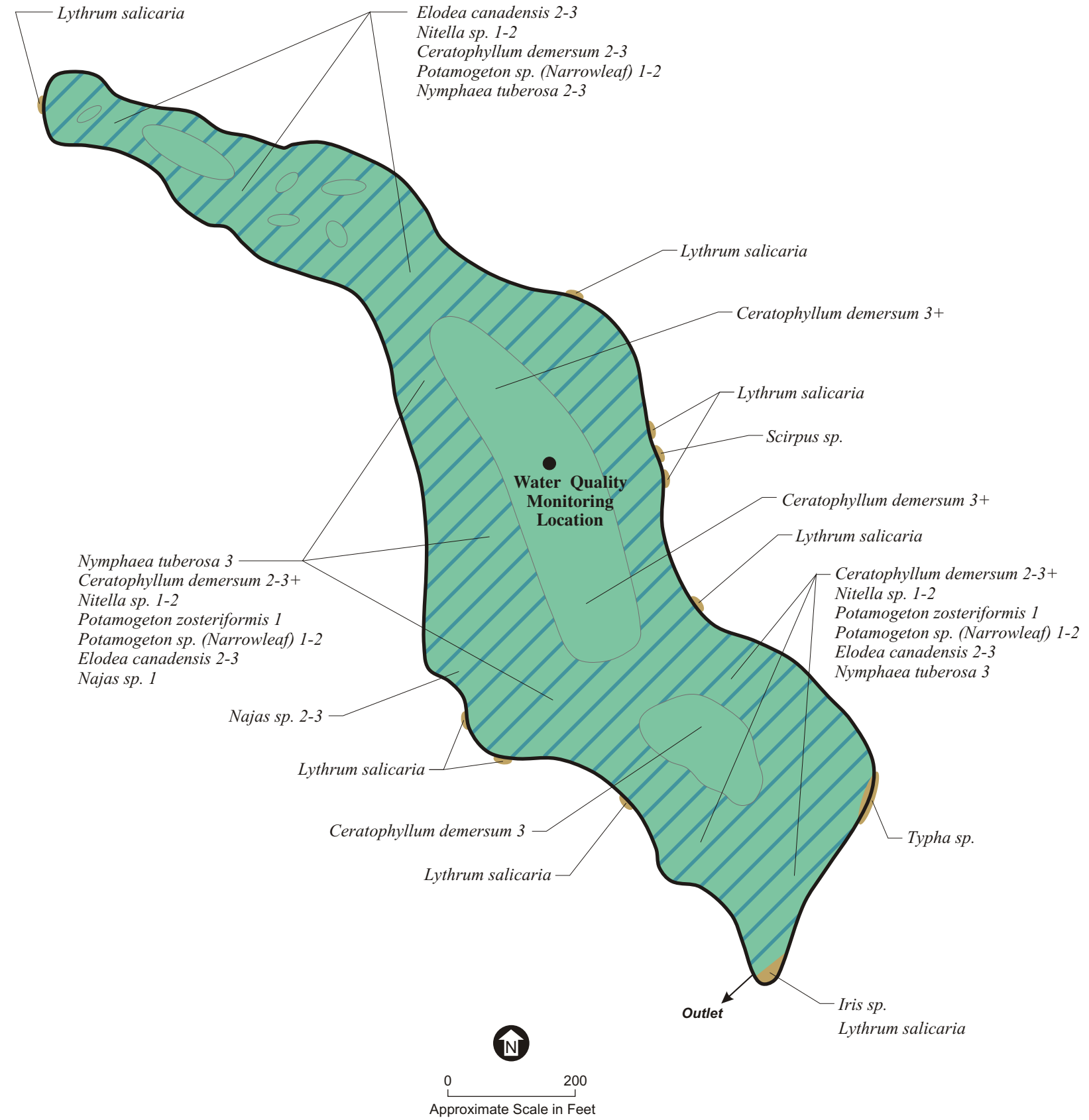
	Common Name	Scientific Name
Submerged Aquatic Plants:	Curlyleaf pondweed	<i>Potamogeton crispus</i>
	Narrowleaf pondweed	<i>Potamogeton sp. (narrowleaf)</i>
	Flatstem pondweed	<i>Potamogeton zosteriformis</i>
	Coontail	<i>Ceratophyllum demersum</i>
	Elodea	<i>Elodea canadensis</i>
	Stonewort	<i>Nitella sp.</i>
Floating Leaf:	White waterlily	<i>Nymphaea tuberosa</i>
Emergent:	Cattail	<i>Typha sp.</i>
	Purple loosestrife	<i>Lythrum salicaria</i>
	Water smartweed	<i>Polygonum amphibium</i>
	Iris	<i>Iris sp.</i>
	No Aquatic Vegetation Found:	



WING LAKE
 MACROPHYTE SURVEY
 JUNE 6, 2008

- Macrophyte densities estimated as follows: 1 = light; 2 = moderate; 3 = heavy, 3+ extremely dense
- *Nymphaea tuberosa* (White waterlily) throughout entire lake. Dense from shore out to middle.
- *Lythrum salicaria* (Purple loosestrife) and *Iris sp.* (Iris) sporadic along lake perimeter.
- *Nitella sp.* (Stonewort) found closer to shore and *Ceratophyllum demersum* (Coontail) 2-3 near center of lake.
- *Polygonum amphibium* (Water smartweed), *Sagittaria sp.* (Arrowhead) sporadic along lake perimeter.
- *Nymphaea tuberosa* (White waterlily): dense.

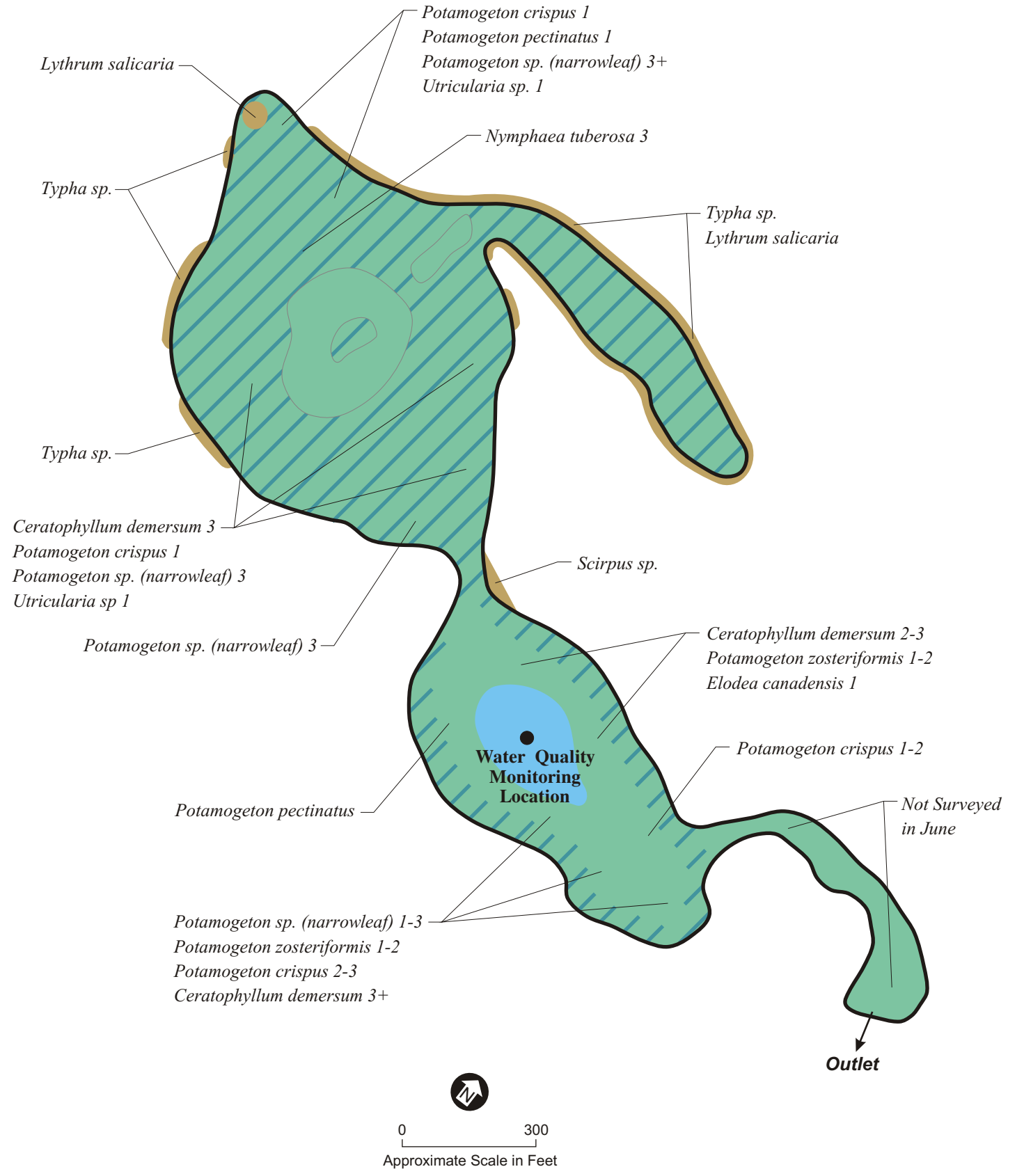
	Common Name	Scientific Name
Submerged Aquatic Plants:	Narrowleaf pondweed	<i>Potamogeton sp. (narrowleaf)</i>
	Flatstem pondweed	<i>Potamogeton zosteriformis</i>
	Coontail	<i>Ceratophyllum demersum</i>
	Elodea	<i>Elodea canadensis</i>
	Stonewort	<i>Nitella sp.</i>
	Bushy pondweed	<i>Najas sp.</i>
	Floating Leaf:	White waterlily
Emergent:	Cattail	<i>Typha sp.</i>
	Purple loosestrife	<i>Lythrum salicaria</i>
	Water smartweed	<i>Polygonum amphibium</i>
	Iris	<i>Iris sp.</i>
	Arrowhead	<i>Sagittaria sp.</i>
	No Aquatic Vegetation Found:	



WING LAKE
MACROPHYTE SURVEY
AUGUST 13, 2008

- No macrophytes found in water > 13'-14'
- Macrophyte densities estimated as follows: 1 = light; 2 = moderate; 3 = heavy, 3+ extremely dense
- *Nymphaea tuberosa* (White waterlily) dense on North basin and sporadic along entire perimeter in South basin
- *Polygonum amphibium* (Water smartweed) and *Lythrum salicaria* (Purple loosestrife) sporadic along lake perimeter

	Common Name	Scientific Name
Submerged Aquatic Plants:	Curlyleaf pondweed	<i>Potamogeton crispus</i>
	Bladder wort	<i>Utricularia sp.</i>
	Narrowleaf pondweed	<i>Potamogeton sp. (narrowleaf)</i>
	Flatstem pondweed	<i>Potamogeton zosteriformis</i>
	Sago pondweed	<i>Potamogeton pectinatus</i>
	Coontail	<i>Ceratophyllum demersum</i>
	Elodea	<i>Elodea canadensis</i>
Floating Leaf:	White waterlily	<i>Nymphaea tuberosa</i>
Emergent:	Bulrush	<i>Scirpus sp.</i>
	Cattail	<i>Typha sp.</i>
	Purple loosestrife	<i>Lythrum salicaria</i>
	Water smartweed	<i>Polygonum amphibium</i>
No Aquatic Vegetation Found:		



LAKE ROSE
MACROPHYTE SURVEY
JUNE 6, 2008

- No macrophytes found in water > 13'-14'
- Macrophyte densities estimated as follows: 1 = light; 2 = moderate; 3 = heavy, 3+ extremely dense
- *Nymphaea tuberosa* (White waterlily) dense on North basin and sporadic along entire perimeter in South basin
- *Polygonum amphibium* (Water smartweed) and *Lythrum salicaria* (Purple loosestrife) sporadic along lake perimeter

	Common Name	Scientific Name
Submerged Aquatic Plants:	Bladder wort	<i>Utricularia sp.</i>
	Narrowleaf pondweed	<i>Potamogeton sp. (narrowleaf)</i>
	Flatstem pondweed	<i>Potamogeton zosteriformis</i>
	Sago pondweed	<i>Potamogeton pectinatus</i>
	Coontail	<i>Ceratophyllum demersum</i>
	Elodea	<i>Elodea canadensis</i>
	Bushy pondweed	<i>Najas sp.</i>
Floating Leaf:	White waterlily	<i>Nymphaea tuberosa</i>
Emergent:	Bulrush	<i>Scirpus sp.</i>
	Cattail	<i>Typha sp.</i>
	Purple loosestrife	<i>Lythrum salicaria</i>
	Water smartweed	<i>Polygonum amphibium</i>
	No Aquatic Vegetation Found:	

