


Legend


P. amplifolius (dominant, 40- >70%), *N. odorata* & *N. variegata* (common, 30% surface coverage), *B. schreberi* (light, 10% surface coverage), *P. epiphydus* (scattered, 10%), *P. pusillus*, *N. flexilis*, *S. americanum*, *Nitella*, & *V. americana* (trace growth only, <10%)

1a-15b: GPS Data Points

**Distribution of Aquatic Vegetation:
Indigenous Species**

Star Lake
Belmont/Mt. Holly, VT

FIGURE 3
September 7, 2006

USGS Quadrangle
7.5-Minute Topos
Maptech Data

Lake Area: 63 Acres

Scale 1:6,500

500 0 500 Feet

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Table 1: 2006 Aquatic Vegetation Summary of VTDEC Survey Areas

Trace: <10% coverage

Light: 10-40% coverage

Moderate: 40-70% coverage

Dense: >70% coverage

Area 1: *P. amplifolius* and *P. epihydrus* light with scattered growth of lilies.

Area 2: *P. amplifolius* light to moderate with scattered growth of lilies.

Area 3: *Nitella* scattered, trace/light. Lilies scattered. *M. spicatum* trace growth.

Area 4: *P. amplifolius* moderate. *Nitella* trace, with light to moderate growth of lilies.

Area 5: *P. amplifolius* moderate to dense, with traces of *P. pusillus*, *Nitella* & *N. flexilis*. Lilies moderate.

Area 6: *P. amplifolius* dense overall with scattered, moderate growth of *S. americanum*. Traces of *P. pusillus* & *N. flexilis*. Lilies light. *M. spicatum* trace growth.

Area 7: *P. amplifolius*, *Nitella* & *N. flexilis* light to moderate with light growth of *P. pusillus*. Light growth of *S. americanum*. Moderate growth of lilies.

Area 8: *P. amplifolius*, *Nitella* & *S. americanum* trace to light. *N. flexilis* moderate growth. *P. pusillus* light with light growth of lilies. *M. spicatum* trace growth.

Area 9: *P. amplifolius* & *P. pusillus* light, with traces of *Nitella*. *N. flexilis* moderate growth. Lilies light.

Area 10: *P. amplifolius* & *P. pusillus* light and scattered, with scattered lilies. *N. flexilis* moderate growth. *M. spicatum* trace growth. *M. spicatum* trace growth.

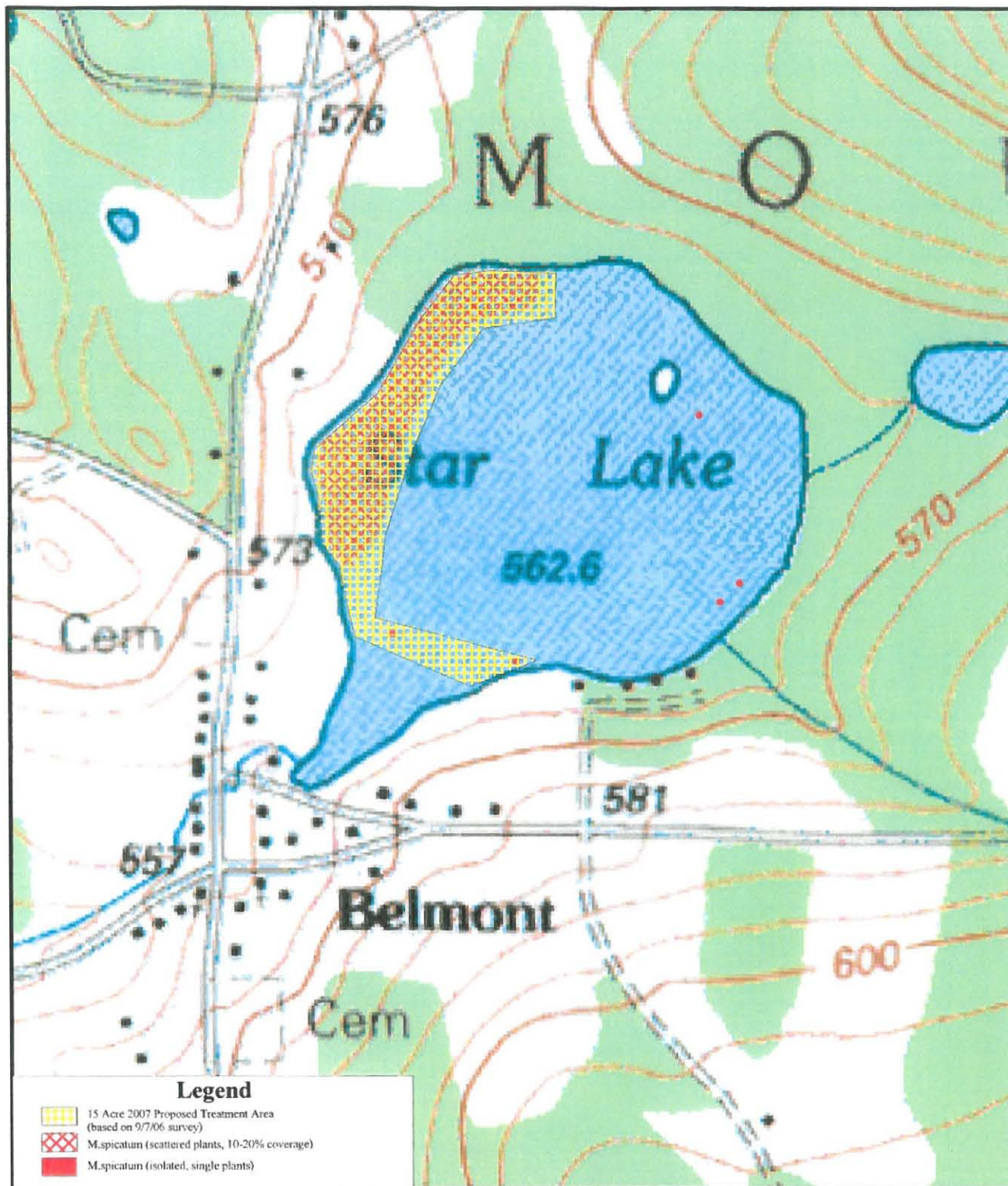
Area 11: *P. amplifolius* & *P. pusillus* light and scattered, with scattered lilies. *N. flexilis* moderate growth. *M. spicatum* light growth.

Area 12: *P. amplifolius* light, with traces of *Nitella* & *P. pusillus*. *N. flexilis* moderate growth. *M. spicatum* light growth.




Area 13: *P. amplifolius* & *N. flexilis* light with traces of *Nitella*. *M. spicatum* trace growth.

Area 14: *P. amplifolius* & *N. flexilis* light with scattered growth of lilies. *M. spicatum* trace growth.

Area 15: *P. amplifolius* light with traces of *Nitella*. Lilies scattered.



Legend

-  15 Acre 2007 Proposed Treatment Area (based on 9/7/06 survey)
-  *M. spicatum* (scattered plants, 10-20% coverage)
-  *M. spicatum* (isolated, single plants)

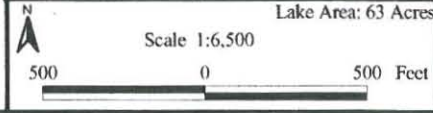
**Distribution of Aquatic Vegetation:
Non-Indigenous Species as of 9/7/06**

Star Lake
Belmont/Mt. Holly, VT

FIGURE 1
2007 Permit Application

USGS Quadrangle
7.5-Minute Topos
Maptech Data

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