

Lycott Environmental, Inc.
Lake Fairlee Vermont
 August 2010

| Point Information | | | Point Data | | | | Species Data (x=present, d=dominant) | | | | | | | | | | | | | | | | |
|-------------------|----------|-----------|------------|---------|---------|---------------------|--------------------------------------|------------------------------|----------------------------|---------------|---------------|--------------|----------------|--|--------------------------------|-------------------------------|--------------------------------|-----------------------------|------------------------------|----------------------------------|--------------------|------------------------------|--|
| Point # | Latitude | Longitude | depth | Density | % cover | Biomass Index (0-4) | <i>Ceterophyllum demersum</i> | <i>Myriophyllum spicatum</i> | <i>Megalondonta beckii</i> | <i>Elodea</i> | <i>Isotes</i> | <i>Najas</i> | <i>Nitella</i> | <i>Nymphaea / Nuphar / Brasenia spp.</i> | <i>Potamogeton amplifolius</i> | <i>Potamogeton epiphydrus</i> | <i>Potamogeton perfoliatus</i> | <i>Potamogeton pusillus</i> | <i>Potamogeton robbinsii</i> | <i>Potamogeton zosteriformis</i> | <i>Utricularia</i> | <i>Vallisneria americana</i> | |
| 1 | 43.88985 | -72.2259 | 19.1 | S | 10 | 1 | | | | | | | d | | | | | | | | | | |
| 2 | 43.88907 | -72.2259 | 34.3 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 3 | 43.8883 | -72.2248 | 8.5 | S | 10 | 2 | | | | | | | d | | | | | | | x | | | |
| 4 | 43.88753 | -72.2248 | 37.7 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 5 | 43.88753 | -72.2237 | 26 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 6 | 43.88753 | -72.2227 | 34 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 7 | 43.8883 | -72.2227 | 19.5 | Z | 0 | 3 | | | | | | | d | | x | | | | | | | | |
| 8 | 43.88907 | -72.2227 | 15.4 | M | 30 | 1 | | | | | | | d | | | | | | | | | | |
| 9 | 43.88983 | -72.2216 | 17.4 | M | 20 | 1 | | | | | | | d | | | | | | | | | | |
| 10 | 43.8906 | -72.2216 | 12.6 | M | 35 | 3 | | | | | | | d | | x | | | | | | | | |
| 11 | 43.8906 | -72.2205 | 30 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 12 | 43.89137 | -72.2205 | 16.6 | D | 80 | 1 | | | | | | | d | | | | | | | | | | |
| 13 | 43.89137 | -72.2195 | 15.7 | M | 70 | 1 | | | | d | | | x | | | | | | | | | | |
| 14 | 43.89137 | -72.2184 | 15.5 | M | 60 | 2 | | | | | | | x | | | | | | | d | | | |
| 15 | 43.89213 | -72.2174 | 24.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 16 | 43.8929 | -72.2174 | 15.2 | S | 20 | 1 | | | | | | | d | | | | | | | | | | |
| 17 | 43.89367 | -72.2173 | 6.5 | S | 5 | 1 | | | | | | | d | | | | | | | | | | |
| 18 | 43.89367 | -72.2163 | 14.6 | S | 5 | 1 | | | | | | | d | | | | | | | | | | |
| 19 | 43.89365 | -72.2152 | 26.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 20 | 43.89443 | -72.2152 | 17.9 | S | 30 | 1 | | | | | | | d | | | | | | | | | | |
| 21 | 43.89518 | -72.2142 | 12.7 | T | 10 | 1 | | | | | | | d | | | | | | | | | | |
| 22 | 43.89595 | -72.2131 | 29.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 23 | 43.89597 | -72.2141 | 13.3 | S | 40 | 3 | | | | | | | | | d | | | | | x | | | |
| 24 | 43.89673 | -72.2141 | 13.4 | S | 30 | 1 | | | | | | | d | | | | | | | | | | |
| 25 | 43.8975 | -72.2141 | 13.5 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |

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| Point # | Latitude | Longitude | depth | Density | % cover | Biomass Index (0-4) | <i>Ceterophyllum demersum</i> | <i>Myriophyllum spicatum</i> | <i>Megalondonta beckii</i> | <i>Elodea</i> | <i>Isotes</i> | <i>Najas</i> | <i>Nitella</i> | <i>Nymphaea / Nuphar / Brasenia spp.</i> | <i>Potamogeton amplifolious</i> | <i>Potamogeton epihydrus</i> | <i>Potamogeton perfoliatus</i> | <i>Potamogeton pusillus</i> | <i>Potamogeton robbinsii</i> | <i>Potamogeton zosteriformis</i> | <i>Utricularia</i> | <i>Vallisneria americana</i> | |
|---------|----------|-----------|-------|---------|---------|---------------------|-------------------------------|------------------------------|----------------------------|---------------|---------------|--------------|----------------|--|---------------------------------|------------------------------|--------------------------------|-----------------------------|------------------------------|----------------------------------|--------------------|------------------------------|---|
| 26 | 43.89827 | -72.2131 | 28.2 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 27 | 43.89903 | -72.2131 | 21.3 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 28 | 43.8998 | -72.2131 | 9.6 | M | 30 | 3 | | | | | | | x | | d | | | x | | | | | |
| 29 | 43.8998 | -72.212 | 8.4 | S | 20 | 2 | | | | | | | | | | | | | d | | x | | |
| 30 | 43.90057 | -72.2109 | 1 | D | 100 | 3 | | | d | | x | | | x | x | | | | | | | x | |
| 31 | 43.89978 | -72.2109 | 21.8 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 32 | 43.89902 | -72.2099 | 5.2 | D | 60 | 3 | | | x | | | | | | | | | | | d | | | |
| 33 | 43.89825 | -72.2099 | 21.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 34 | 43.89748 | -72.2099 | 19 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 35 | 43.89672 | -72.2099 | 3 | D | 50 | 3 | | | x | | x | | | | | x | | | | d | | | |
| 36 | 43.89595 | -72.2099 | 8.8 | S | 40 | 2 | | | | | | | | | | | | | | | | | d |
| 37 | 43.89518 | -72.211 | 24 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 38 | 43.89442 | -72.211 | 9.9 | T | 30 | 2 | | | x | | | | | | | | | | | | d | | |
| 39 | 43.89442 | -72.212 | 30.7 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 40 | 43.89365 | -72.212 | 20 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 41 | 43.89365 | -72.2131 | 29.7 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 42 | 43.89288 | -72.2131 | 4.3 | M | 40 | 3 | | | | | | | | | x | | x | | | d | | | x |
| 43 | 43.89212 | -72.2131 | 4.8 | D | 95 | 3 | | | x | x | x | | | | | | x | | | d | | | x |
| 44 | 43.89212 | -72.2142 | 28 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 45 | 43.89135 | -72.2152 | 30.2 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 46 | 43.89058 | -72.2163 | 28.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 47 | 43.88982 | -72.2163 | 30.4 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 48 | 43.88905 | -72.2163 | 4.4 | D | 80 | 3 | | | x | | | x | | | d | | | | | x | | | x |
| 49 | 43.88905 | -72.2174 | 31.9 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 50 | 43.88828 | -72.2174 | 22 | T | 5 | 1 | | | | | | | d | | | | | | | | | | |
| 51 | 43.88828 | -72.2184 | 33.3 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |

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| Point # | Latitude | Longitude | depth | Density | % cover | Biomass Index (0-4) | <i>Ceterophyllum demersum</i> | <i>Myriophyllum spicatum</i> | <i>Megalondonta beckii</i> | <i>Elodea</i> | <i>Isotes</i> | <i>Najas</i> | <i>Nitella</i> | <i>Nymphaea / Nuphar / Brasenia spp.</i> | <i>Potamogeton amplifolious</i> | <i>Potamogeton epiphydrus</i> | <i>Potamogeton perfoliatus</i> | <i>Potamogeton pusillus</i> | <i>Potamogeton robbinsii</i> | <i>Potamogeton zosteriformis</i> | <i>Utricularia</i> | <i>Vallisneria americana</i> | |
|---------|----------|-----------|-------|---------|---------|---------------------|-------------------------------|------------------------------|----------------------------|---------------|---------------|--------------|----------------|--|---------------------------------|-------------------------------|--------------------------------|-----------------------------|------------------------------|----------------------------------|--------------------|------------------------------|---|
| 52 | 43.88752 | -72.2184 | 3.7 | M | 60 | 3 | | | x | x | | | | | d | | | | | x | | | |
| 53 | 43.88752 | -72.2195 | 3.2 | D | 80 | 3 | | | | | | | | | d | | | | | x | | | x |
| 54 | 43.88675 | -72.2206 | 2.2 | M | 10 | 2 | | | | | | | d | | | x | | | | | | | x |
| 55 | 43.88677 | -72.2216 | 24.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 56 | 43.88598 | -72.2216 | 6.2 | M | 35 | 3 | | | x | | | | | | d | | | | | x | | | |
| 57 | 43.886 | -72.2238 | 8.6 | T | 5 | 1 | | | | | | d | | | | | | | | | | | |
| 58 | 43.88523 | -72.2248 | 28.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 59 | 43.88523 | -72.2259 | 36 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 60 | 43.88447 | -72.2259 | 4.2 | S | 30 | 2 | | | x | | | | | | | x | | | | | x | | d |
| 61 | 43.88447 | -72.2269 | 23.8 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 62 | 43.8837 | -72.227 | 5.8 | M | 30 | 2 | | | x | | | | x | | | | | | | | | | d |
| 63 | 43.8837 | -72.228 | 37.8 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 64 | 43.88293 | -72.228 | 14.3 | S | 35 | 2 | | | | | | x | d | | | | | | | | | | |
| 65 | 43.88293 | -72.2291 | 42.5 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 66 | 43.88217 | -72.2291 | 45.1 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 67 | 43.88217 | -72.2301 | 47.9 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 68 | 43.8814 | -72.2301 | 38.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 69 | 43.88063 | -72.2302 | 16 | S | 10 | 2 | | | | | | | | | | | | | | | | | d |
| 70 | 43.88063 | -72.2312 | 42.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 71 | 43.87987 | -72.2312 | 28.5 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 72 | 43.87987 | -72.2323 | 14.2 | S | 30 | 2 | | | | | | | d | | | | | | | x | | | |
| 73 | 43.87987 | -72.2333 | 12 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 74 | 43.87912 | -72.2344 | 1 | D | 95 | 4 | | | | | | | | x | x | x | | | | d | | | x |
| 75 | 43.87988 | -72.2344 | 16.7 | M | 10 | 1 | | | | | | | d | | | | | | | | | | |
| 76 | 43.88065 | -72.2344 | 6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 77 | 43.88142 | -72.2333 | 36.4 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |

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|---------|----------|-----------|-------|---------|---------|---------------------|-------------------------------|------------------------------|----------------------------|---------------|---------------|--------------|----------------|--|--------------------------------|-------------------------------|--------------------------------|-----------------------------|------------------------------|----------------------------------|--------------------|------------------------------|---|
| 78 | 43.88218 | -72.2333 | 36.6 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 79 | 43.88142 | -72.2344 | 2.5 | S | 10 | 2 | | | | | | | | | | | | | | | | | d |
| 80 | 43.88218 | -72.2344 | 16 | Z | 0 | 0 | | | | | | | | | | | | | | | | | |
| 81 | 43.88142 | -72.2355 | 0.2 | D | 75 | 3 | | | | | | | | | | | | | | | | | d |
| 82 | 43.88218 | -72.2355 | 19.8 | Z | 0 | 1 | | | | | | | d | | | | | | | | | | |
| 83 | 43.88218 | -72.2365 | 12.5 | S | 20 | 2 | | | | | | | d | | | | | | x | | | | |
| 84 | 43.88218 | -72.2376 | 4.2 | D | 75 | 3 | | | | | | | | x | | | | | | | | | d |
| 85 | 43.88297 | -72.2386 | 17.2 | T | 20 | 2 | | | | | | | | | | | | | | | | | d |
| 86 | 43.88297 | -72.2397 | 8.6 | S | 20 | 2 | | | | | | | d | | | | | | | | | | x |
| 87 | 43.8822 | -72.2408 | 7.2 | M | 40 | 2 | | | | | | | | | | | | | | d | | | x |
| 88 | 43.88297 | -72.2408 | 9.6 | T | 20 | 1 | | | | | | d | | | | | | | | | | | |
| 89 | 43.88297 | -72.2418 | 8.6 | M | 40 | 1 | | | | | | | | | | | | | | d | | | |
| 90 | 43.8822 | -72.2429 | 3.8 | D | 50 | 3 | | | | | | | | | d | | | | | x | | | x |
| 91 | 43.88297 | -72.2429 | 6.7 | M | 45 | 3 | | | | | | | | | x | | | | | d | | | |
| 92 | 43.88373 | -72.2429 | 5 | T | 5 | 1 | | | | | | | d | | | | | | | | x | | |
| 93 | 43.88373 | -72.2439 | 4 | T | 5 | 2 | | | | | | | | | | | | | | | | | d |
| 94 | 43.88373 | -72.245 | 13 | D | 75 | 2 | | | | | | | | | | | | | | | | | d |
| 95 | 43.8845 | -72.2429 | 7.5 | S | 45 | 2 | | | | | | | | | | | | | | d | | | |
| 96 | 43.88527 | -72.2429 | 5.7 | S | 40 | 2 | | | | | | | | | | | | | | d | | | |
| 97 | 43.88603 | -72.2429 | 0.5 | S | 35 | 2 | | | | | | | | | | | | | | | | | d |
| 98 | 43.88603 | -72.2418 | 6.4 | M | 50 | 3 | | | x | | | | | | | | | | | d | | | |
| 99 | 43.88603 | -72.2407 | 9 | S | 45 | 2 | | | | | | | | | | | | | | d | | | |
| 100 | 43.8868 | -72.2407 | 6.6 | M | 60 | 2 | | | | | | | | | | | | | | d | | | |
| 101 | 43.88603 | -72.2397 | 9.9 | M | 60 | 2 | | | | | | x | | | | | | | | d | | | |
| 102 | 43.8868 | -72.2397 | 9.3 | M | 60 | 2 | | | | | | | | | | | | | | d | | | |
| 103 | 43.88603 | -72.2386 | 12.4 | M | 40 | 3 | | | | | | | | | d | | | | | | | | |

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|---------|----------|-----------|-------|---------|---------|---------------------|-------------------------------|------------------------------|----------------------------|---------------|---------------|--------------|----------------|--|--------------------------------|-------------------------------|--------------------------------|-----------------------------|------------------------------|----------------------------------|--------------------|------------------------------|---|---|
| 104 | 43.8868 | -72.2386 | 3.4 | S | 35 | 2 | | | | | | | | | | | | | | | | | d | |
| 105 | 43.8868 | -72.2365 | 7.3 | M | 35 | 3 | | | x | | | | | | | | | | | d | | | | x |
| 106 | 43.88757 | -72.2354 | 5 | M | 20 | 3 | | | | | | | | | x | | | | | | | | | d |
| 107 | 43.88755 | -72.2344 | 5.3 | M | 30 | 3 | | | x | | | | | | | | | | | d | | | | |
| 108 | 43.88755 | -72.2333 | 4.8 | M | 25 | 3 | | | | | | | | | | | | | | | | | | d |
| 109 | 43.88755 | -72.2312 | 6 | D | 80 | 3 | | | x | | | | | | d | | | | | x | | | | x |
| 110 | 43.88832 | -72.2312 | 6 | D | 60 | 3 | | | | | | | | | x | | | | | d | | | | x |
| 111 | 43.88832 | -72.2301 | 30 | Z | 0 | 0 | | | | | | | | | | | | | | | | | | |
| 112 | 43.88908 | -72.2291 | 16 | Z | 0 | 1 | | | x | | | | d | | | | | | | | | | | |
| 113 | 43.88908 | -72.2301 | 4 | D | 80 | 3 | | | d | | | | | | x | | | | | | | | | x |
| 114 | 43.88985 | -72.2312 | 1.2 | D | 80 | 3 | | | d | | | | | | x | | | | | | | | | |
| 115 | 43.88985 | -72.2301 | 0.8 | D | 80 | 4 | | | d | | | | | | | | | | | x | | | | |
| 116 | 43.88985 | -72.229 | 4 | D | 75 | 4 | | | d | | | | | | x | | | | | | | | | x |
| 117 | 43.89062 | -72.229 | 0.8 | D | 95 | 4 | | | d | | | | | | x | | | | | x | | | | x |
| 118 | 43.88985 | -72.228 | 8.6 | D | 80 | 4 | | | d | | | | | | x | | | | | | | | | x |
| 119 | 43.88985 | -72.2269 | 18.3 | Z | 0 | 0 | | | | | | | | | | | | | | | | | | |
| 120 | 43.88908 | -72.228 | 32 | Z | 0 | 0 | | | | | | | | | | | | | | | | | | |