Lake George Questions and Answers, 2014 CSLAP

Q1. What is the condition of our lake this year?

A1. The condition of Lake George continues to be very highly favorable. Water clarity is high due to very low algae levels, although nutrient levels are slightly higher than expected at some sites. Several invasive species are found in the lake, which potentially impact lake uses.

Q2. Is there anything new that showed up in the testing this year?

A2. The HABs testing includes information about the types of algae found in the water samples. These extensive results from multiple sites show very low total and blue green algae levels in the open water, and no shoreline blue green algae blooms have been reported.

Q3. How does the condition of our lake this year compare with other lakes in the area?

A3. Lake George had much higher water clarity and much lower nutrient and algae levels than most nearby lakes. Algae blooms have not been reported. Aquatic plant coverage is highly variable from site to site, so it is difficult to compare plant coverage overall in the lake to other lakes in the area.

Q4. Are there any trends in our lake's condition?

A4. Over the last decade, no clear trends have been apparent in the CSLAP dataset. Conductivity has increased slightly in the southern sites, although phosphorus levels have decreased slightly and algae levels have not changed in most sites.

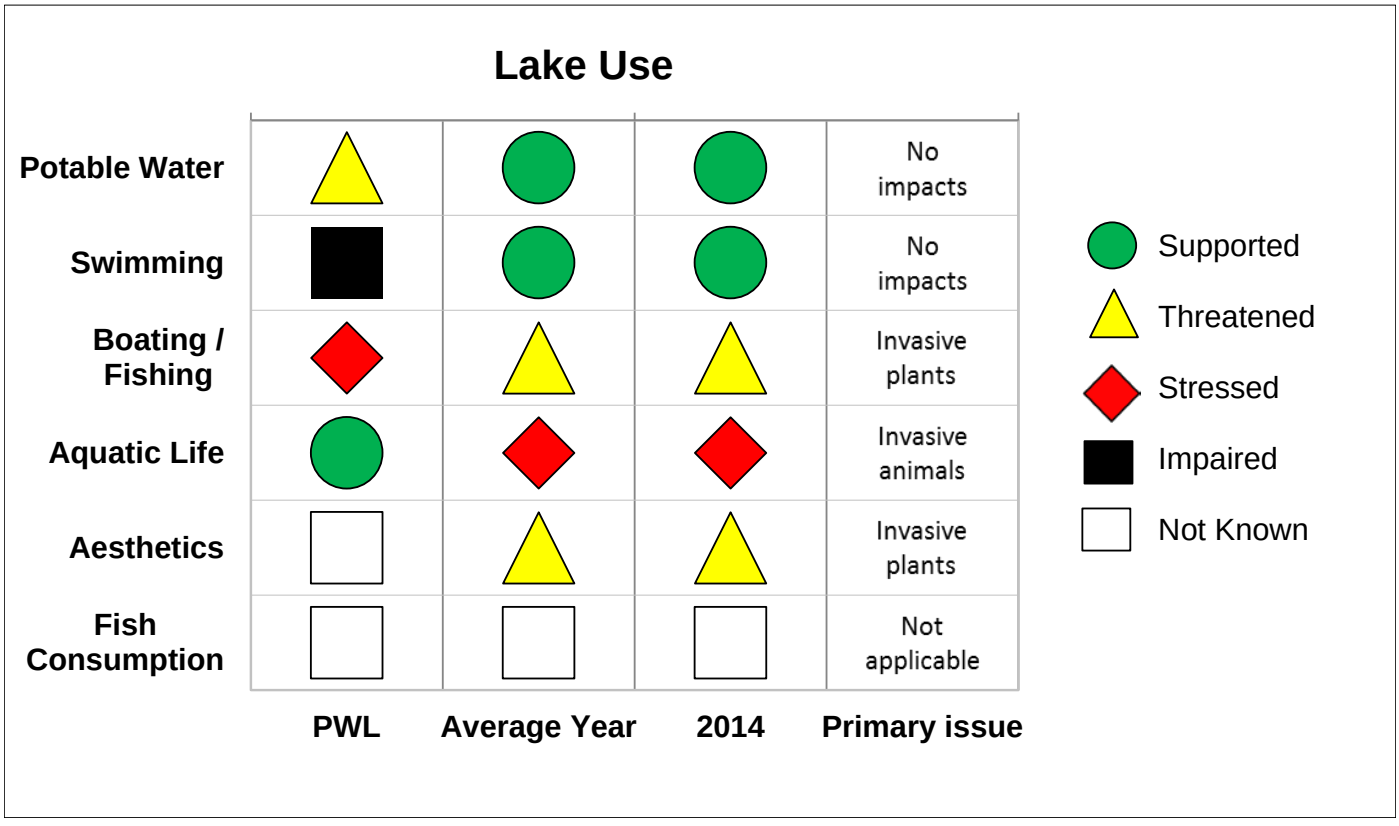
Q5. Should we be concerned about the condition of our lake? Are we close to a tipping point?

A5. Lake George continues to exhibit a low susceptibility to shoreline algae blooms, although this may change with climate changes. The lake continues to be susceptible to introduction from invasive species.

Q6. Are any actions indicated, based on the trends and this year's results?

A6. Individual stewardship activities such as pumping your septic system, growing a buffer of native plants next to the water bodies, and reducing erosion from shoreline properties will help to improve lake conditions by reducing nutrient and sediment loading to the lake. Visiting boats should be inspected to reduce the risk of new invasive species, since nearby lakes harbor several invasive plants not found in the lake.

(Basin Bay Reference Site)



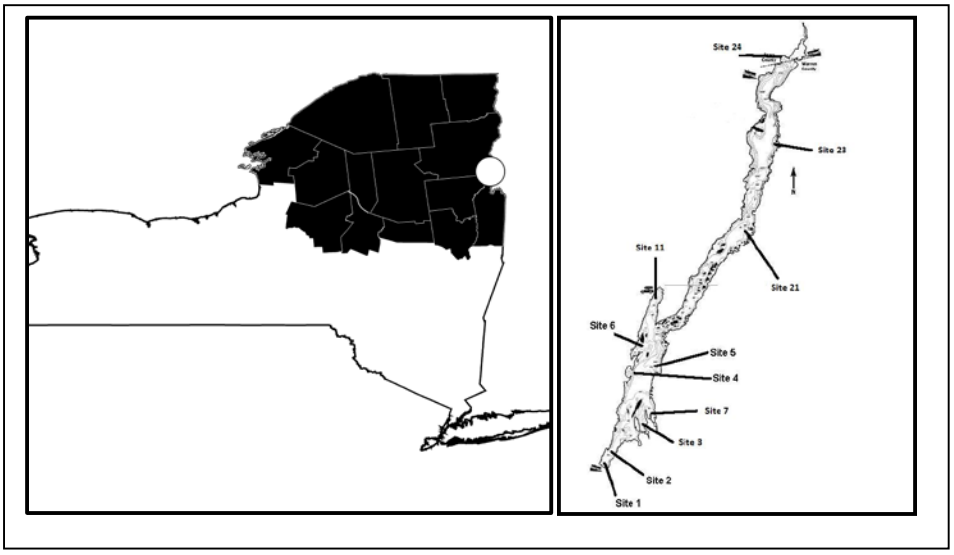
CSLAP 2014 Lake Water Quality Summary:
Lake George

General Lake Information

Location	Towns of Ticonderoga, Hague, Putnam, Bolton, Dresden, Warrensburg, Fort Ann, Lake George
County	Washington, Warren, Essex
Basin	Lake Champlain
Size	11,401 hectares (28,160 acres)
Lake Origins	Natural
Watershed Area	60,372 hectares (149,120 acres)
Retention Time	8.7 years
Mean Depth	18 meters
Sounding Depth	14.5 meters
Public Access?	DEC/private launches
Major Tributaries	many
Lake Tributary To…	La Chute to Lake Champlain
WQ Classification	AAspec (potable water)
Lake Outlet Latitude	43.843
Lake Outlet Longitude	-73.432
Sampling Years	2001, 2004-2014
2014 Samplers	Joanne and Mark Mueller, Roger and Susan Wilson, Roger R. Summerhayes, Peter Leyh, Marie Faulkner, and Jennifer Forman
Main Contact	Kristen Rohne

Lake Map

(sampling location marked with a circle)



Background

Lake George is a 28,200 acre, class $AA_{special}$ lake found in multiple towns in Warren, Washington, and Essex Counties, in the southeastern portion of the Adirondack Park region of New York State. It was first sampled as part of CSLAP in 2004 (although a single site was evaluated in 2001).

It is one of 12 CSLAP lakes among the more than 120 lakes found in Warren County, one of nine CSLAP lakes among the more than 270 lakes found in Essex County, one of five CSLAP lakes among the more than 50 lakes found in Washington County, and one of 15 CSLAP lakes among the more than 240 lakes and ponds in the Lake Champlain drainage basin.

Lake Uses

Lake George is a Class $AA_{special}$ lake; this means that the best intended use for the lake is for potable water intake—drinking—with minimal treatment, contact recreation—swimming and bathing, non-contact recreation—boating and fishing, aquatic life, and aesthetics. The lake is used extensively by lake residents, visitors and tourists for swimming, boating and other recreation via shoreline properties and multiple public boat launches.

Lake George is stocked annually with about 1500 10 to 11 inch and 34,000 six to seven inch land-locked salmon. Lake trout have also been stocked- typically about 5000 seven inch trout. Other fish species in the lake include Atlantic salmon, bullhead, chain pickerel, largemouth bass, pumpkinseed sunfish, smallmouth bass, smelt, sunfish, trout, and yellow perch.

General statewide fishing regulations are applicable in Lake George. In addition, open season for yellow perch, trout and sunfish lasts all year, with no minimum size but a daily limit of 50 (five for trout). The open season for lake trout and land-locked also lasts all year, with daily limits of two fish and minimum lengths of 23 inches for lake trout and 16 inches for land-locked salmon.

The statewide fish consumption advisories apply to Lake George; no lake specific advisories have been posted.

Historical Water Quality Data

CSLAP sampling was conducted on Lake George from 2001, and 2004 to 2014. The CSLAP reports for each of the past several years can be found on the NYSFOLA website at http://nysfola.mylaketown.com. The most recent CSLAP report and scorecard for Lake George can also be found on the NYSDEC web page at http://www.dec.ny.gov/lands/77831.html.

Lake George has been extensively involved in multiple NYS monitoring programs. It is beyond the scope of this program to evaluate the entirety of these monitoring programs.

Many of the tributaries have been monitored through the state stream macroinvertebrate monitoring program, and West Brook has been sampled through the NYSDEC Rotating Intensive Basins (RIBS) program. These data have been summarized in several DEC reports. The lake has been extensively sampled by DEC fisheries staff in support of fish stocking activities or any other statewide monitoring programs.

Lake Association and Management History

Lake George is served by the Lake George Association, the oldest lake association in the world, founded in 1885 and including more than 5000 among its members. The LGA is involved in a wide variety of lake management and preservation activities conducted by a full time staff, broadly summarized in the following categories:

- communications
- education
- GIS
- land use management
- nuisance species control
- water quality

The Lake George Association maintains a website at www.lakegeorgeassociation.org.

Summary of 2014 CSLAP Sampling Results

Evaluation of 2014 Annual Results Relative to 2001-2013

The summer (mid-June through mid-September) average readings are compared to historical averages for all CSLAP sampling seasons in the "Lake Condition Summary" table, and are compared to individual historical CSLAP sampling seasons in the "Long Term Data Plots –Lake George" section in Appendix C.

Evaluation of Eutrophication Indicators

2014: Phosphorus readings were slightly higher than normal in 2014 at the Diamond Island site, while algae levels were slightly higher than usual in 2014 at the Crown Island and Gull Bay sites. The slightly higher algae levels may have contributed to slightly lower water clarity readings at the Gull Bay site, although clarity was slightly higher than usual at the Crown Island site.

Long Term: Water clarity readings have decreased slightly over the last decade at the Diamond Island site; this occurred despite a slight drop in phosphorus readings during this time. Water clarity readings have increased slightly over the same period at the Basin Bay and Crown Island sites, and the rise in water transparency at the Crown Island site was coincident with a decrease in phosphorus readings over the same period. Phosphorus readings have also decreased slightly at the Gull Bay site, and surface phosphorus changes at the Diamond Island and Gull Bay site were mostly synchronized with changes in deepwater phosphorus levels at both sites. All of these changes have been fairly small.

Seasonal: Phosphorus levels increase slightly during the summer at the Basin Bay and Gull Bay sites, and decrease slightly during the typical sampling season at Crown Island. However, in 2014, water clarity decreased slightly during the summer in Gull Bay, while phosphorus readings decreased slightly in Basin Bay. These small seasonal changes vary slightly from year to year and site to site.

Comparison: Lake productivity is slightly higher in the southern sites, based on slightly lower water clarity and slightly higher nutrient levels. However, lake productivity is low at all sites,

and nutrient and algae levels suggest that no significant changes in water clarity are likely to occur in at least the near future.

Site	*Long Term*			*2014*		
	Avg Zsd (m)	Avg Chl.a (ug/l)	Avg TP (mg/l)	Avg Zsd (m)	Avg Chl.a (ug/l)	Avg TP (mg/l)
2- Diamond Island	7.2	0.9	0.007	7.2	0.6	0.010
4- Basin Bay	8.0	0.9	0.006	8.2	1.0	0.007
6- Crown Island	9.3	0.4	0.009	10.2	0.8	0.009
23- Gull Bay	9.7	0.5	0.005	10.3	0.7	0.004

The lake continues to be characterized as *oligotrophic* at all sites, based on water clarity, total phosphorus readings and chlorophyll *a* readings (all typical of *oligotrophic* lakes). The trophic state indices (TSI) evaluation suggests that each of these trophic indicators is "internally consistent"—each of these indicators is in the expected range given the readings of the other indicators. However, phosphorus readings are slightly higher than expected given the algae levels and water clarity at the Diamond Island and Crown Island sites. This suggests that small changes in phosphorus at these sites might not significantly affect water transparency. Overall trophic conditions are summarized on the Lake Scorecards and Lake Condition Summary Tables.

Evaluation of Potable Water Indicators

Algae levels are not high enough to render the lake susceptible to taste and odor compounds or elevated DBP (disinfection by product) compounds that could affect the potability of the water. Hypolimnetic phosphorus, ammonia, iron, manganese and arsenic readings are low or close to those measured at the lake surface at all sites, although either deepwater phosphorus or ammonia readings were slightly higher than usual at most CSLAP sites in 2014. The elevated arsenic levels in the deep Diamond Island sample from several years ago have been influenced by what were likely inaccurate measurements. This suggests that deepwater intakes should not be compromised for any deep potable water use. Potable water conditions, at least as measurable through CSLAP, are summarized in the Lake Scorecards and Lake Condition Summary Tables.

Evaluation of Limnological Indicators

2014: Color and calcium levels were slightly lower than normal at all four sampling sites, while pH was lower than usual at the Diamond Island and Gull Bay sites, TN was lower than usual but ammonia was higher than usual at the Basin Bay and Gull Bay sites. However, nearly all of these changes were small, and these readings continue to be indicative of *oligotrophic* lakes.

Long Term: The trending indicators for each site can be found in the tables below. pH, conductivity and ammonia readings have increased slightly at the southern (Diamond Island and Basin Bay) sites over the last decade. TN and NOx have decreased at the Basin Bay site, also over the last decade. Each of the other indicators has not exhibited any clear long-term trends at these sampling sites.

Comparison: pH is generally higher at the southern sites, but otherwise there are no clear gradients in the indicators cited below. At all sites, the lake can continue to be characterized as a

slightly alkaline, softwater, uncolored lake with low nitrogen levels, and there are only slight differences from site to site.

Overall limnological conditions for each of the sampling sites are summarized in the Lake Scorecards and Lake Condition Summary Tables.

	Long Term						
Site	Avg NOx	Avg NH4	Avg TN	Avg pH	Avg Cond	Avg Color	Avg Ca
2- Diamond Island	0.01	0.03	0.22	7.83	115	8	12
4- Basin Bay	0.02	0.02	0.24	7.76	116	6	12
6- Crown Island	0.04	0.02	0.21	7.68	114	7	12
23- Gull Bay	0.02	0.03	0.33	7.58	120	5	12

	2014						
Site	Avg NOx	Avg NH4	Avg TN	Avg pH	Avg Cond	Avg Color	Avg Ca
2- Diamond Island	0.01	0.04	0.20	7.30	139	3	11
4- Basin Bay	0.01	0.03	0.17	7.59	127	4	9
6- Crown Island	0.00	0.04	0.21	7.48	113	2	11
23- Gull Bay	0.01	0.13	0.19	7.26	123	2	11

Evaluation of Biological Condition

Macrophyte communities in the lake have been regularly monitored by Darrin Freshwater Institute. These plant surveys have found a very high plant diversity, with at least forty-five plant species, including eight protected plant species (*Megalodonta beckii*, water marigold; *Myriophyllum alterniflorum*, alternate flower watermilfoil; *Myriophyllum pinnatum*, cutleaf watermilfoil; *Neobeckii aquatica*, lake cress; *Potamogeton alpinus*, northern pondweed; *Potamogeton hillii*, Hills pondweed; *Subularia aquatica var. americana*, water awlwort; and *Utricularia minor*, lesser bladderwort) and two invasive exotic plant species (*Myriophyllum spicatum*, Eurasian watermilfoil and *Potamogeton crispus*, curly-leafed pondweed). The modified floristic quality index (FQI) indicates that the quality of the aquatic plant community is "excellent." The change in the macrophyte community at any of these sampling sites has not been evaluated.

The fish community in the lake is comprised of a mix of coldwater (at least five species), coolwater (at least three species) and warmwater (at least six species) fish. This indicates that the lake supports a two story fishery. The quality of the fishery was assessed through the Lake George Coldwater Angler Diary Cooperator Summary in 2009 (http://www.dec.ny.gov/docs/fish_marine_pdf/lkgeorgeadr09.pdf). This summary showed a favorable fishery.

Zooplankton and macroinvertebrate surveys have not been conducted through CSLAP at Lake George, although historical data from previous studies may be included in future generations of the CSLAP reports. The fluoroprobe screening samples analyzed by SUNY ESF in the last three years found low overall algae levels and low blue green algae levels at all sites. Shoreline blooms are very rarely reported, and blue green algae blooms have not been apparent.

Biological conditions in the lake are summarized in the Lake Scorecards and Lake Condition Summary Tables.

Evaluation of Lake Perception

2014: Each of the indicators of lake perception was close to normal in 2014, in part because all of these assessments have been consistently very favorable.

Long Term: None of the indicators of lake perception has exhibited any long-term changes, also in part because all of these assessments have been consistently very favorable

Comparison: Lake perception is comparable and continues to be highly favorable at all sampling sites, at least as evaluated through CSLAP.

Overall lake perception is summarized on the Lake Scorecards and Lake Condition Summary Tables (see Legend in Appendix A for ranges of possible responses for QA, QC and QC).

	Long Term				*2014*			
Site	Avg Water T	Avg QA	Avg QB	Avg QC	Avg Water T	Avg QA	Avg QB	Avg QC
2- Diamond Island	20.9	1.0	1.0	1.0	20.1	1.0	1.0	1.0
4- Basin Bay	18.7	1.0	1.0	1.1	18.7	1.0	1.0	1.0
6- Crown Island	22.4	1.0	1.2	1.1	21.6	1.0	1.0	1.0
23- Gull Bay	22.2	1.0	1.0	1.0	22.2	1.1	1.0	1.0

Evaluation of Local Climate Change

2014: Water temperatures were close to usual at all sites.

Long Term: Water temperatures have increased over the last decade at the Basin Bay site, and decreased in the surface and bottom waters at the Crown Island sites. It is not known if any of these changes are part of a long-term trend.

Comparison: Water temperature readings in the summer index period are higher in the northern sites. It is more likely that this reflects minor errors or thermometer inconsistencies rather than actual temperature gradients. It is not likely that long-term changes would be observable with only a few years of CSLAP data collections.

Evaluation of Algal Toxins

Algal toxin levels can vary significantly within blooms and from shoreline to lake, and the absence of toxins in a sample does not indicate safe swimming conditions. Phycocyanin readings have been below the levels indicating susceptibility for harmful algal blooms (HABs) in the open water at all sites. This is consistent with the fluoroprobe screening results from the last few years indicating low blue green algae levels in nearly all samples. An analysis of algae samples indicates very low microcystin readings, well below the levels associated with hazardous swimming conditions.

Lake Condition Summary- Diamond Island Site

Category	Indicator	Min	Overall Avg	Max	2014 Avg	Classification	2014 Change?	Long-term Change?
Eutrophication Indicators	Water Clarity	4.75	7.23	10.00	7.24	Oligotrophic	Within Normal Range	No Change
	Chlorophyll *a*	0.05	0.86	2.39	0.68	Oligotrophic	Within Normal Range	No Change
	Total Phosphorus	0.003	0.007	0.023	0.010	Oligotrophic	Higher than Normal	No Change
Potable Water Indicators	Hypolimnetic Ammonia	0.01	0.04	0.42	0.03	Close to Surface NH4 Readings	Within Normal Range	Not known
	Hypolimnetic Arsenic	0.50	1.32	4.10		Elevated Deepwater As		Not known
	Hypolimnetic Iron	0.01	0.03	0.10		Low Iron Levels		Not known
	Hypolimnetic Manganese	0.01	0.03	0.10		Low Manganese Levels		Not known
Limnological Indicators	Hypolimnetic Phosphorus	0.004	0.009	0.030	0.011	Close to Surface TP Readings	Higher than Normal	Not known
	Nitrate + Nitrite	0.00	0.01	0.21	0.01	Low NOx	Within Normal Range	No Change
	Ammonia	0.00	0.03	0.67	0.04	Low Ammonia	Within Normal Range	No Change
	Total Nitrogen	0.04	0.22	0.63	0.20	Low Total Nitrogen	Within Normal Range	No Change
	pH	6.77	7.83	9.22	7.30	Alkaline	Lower Than Normal	No Change
	Specific Conductance	38	115	179	139	Softwater	Higher than Normal	Increasing Significantly
	True Color	0	8	43	3	Uncolored	Lower Than Normal	No Change
	Calcium	9.8	12.1	14.8	11.2	May be Susceptible to Zebra Mussels	Lower Than Normal	No Change
Lake Perception	WQ Assessment	1	1.0	2	1.0	Crystal Clear	Within Normal Range	No Change
	Aquatic Plant Coverage	1	1.0	1	1.0	Plants Not Visible	Within Normal Range	No Change
	Recreational Assessment	1	1.0	2	1.0	Could Not Be Nicer	Within Normal Range	Slightly Improving
Biological Condition	Phytoplankton					Open water-low blue green algae biomass	Not known	Not known
	Macrophytes					Excellent quality of aquatic plant community	Not known	Not known
	Zooplankton					Not evaluated through CSLAP	Not known	Not known
	Macroinvertebrates					Not evaluated through CSLAP	Not known	Not known
	Fish					Two story fishery	Not known	Not known
	Invasive Species					Zebra mussels, Asian clam, Chinese mystery snail, European fingernail snail, Brown trout, Black crappie, Spiny water flea, Eurasian watermilfoil, Curlyleaf pondweed, Brittle naiad	Not known	Not known
Local Climate Change	Air Temperature	8	24.3	32	22.8		Within Normal Range	No Change
	Water Temperature	13	20.9	26	20.1		Within Normal Range	No Change
Harmful Algal Blooms	Open Water Phycocyanin	0	4	33	1	No readings indicate high risk of BGA	Not known	Not known
	Open Water FP Chl.a	0	1	5	1	No readings indicate high algae levels	Not known	Not known
	Open Water FP BG Chl.a	0	0	2	0	No readings indicate high BGA levels	Not known	Not known
	Open Water Microcystis	<DL	<DL	<DL	<DL	Open water MC-LR consistently not detectable	Not known	Not known
	Open Water Anatoxin a	<DL	<DL	<DL	<DL	Open water Anatoxin-a consistently not detectable	Not known	Not known
	Shoreline Phycocyanin					No shoreline blooms sampled for PC	Not known	Not known
	Shoreline FP Chl.a					No shoreline blooms sampled for FP	Not known	Not known
	Shoreline FP BG Chl.a					No shoreline blooms sampled for FP	Not known	Not known
	Shoreline Microcystis					No shoreline bloom MC-LR data	Not known	Not known
	Shoreline Anatoxin a					No shoreline bloom anatoxin data	Not known	Not known

Lake Condition Summary- Basin Bay Site

Category	Indicator	Min	Overall Avg	Max	2014 Avg	Classification	2014 Change?	Long-term Change?
Eutrophication Indicators	Water Clarity	5.75	8.05	10.75	8.24	Oligotrophic	Within Normal Range	Increasing Slightly
	Chlorophyll *a*	0.05	0.86	2.60	1.02	Oligotrophic	Within Normal Range	No Change
	Total Phosphorus	0.002	0.006	0.023	0.007	Oligotrophic	Within Normal Range	No Change
Potable Water Indicators	Hypolimnetic Ammonia	0.01	0.02	0.06	0.04	Close to Surface NH4 Readings	Higher than Normal	Not known
	Hypolimnetic Arsenic	0.34	0.64	1.00		Low Deepwater Arsenic Levels		Not known
	Hypolimnetic Iron	0.01	0.04	0.11	0.04	Low Iron Levels	Within Normal Range	Not known
	Hypolimnetic Manganese	0.01	0.03	0.10		Low Manganese Levels		Not known
Limnological Indicators	Hypolimnetic Phosphorus	0.002	0.007	0.016	0.006	Close to Surface TP Readings	Within Normal Range	Not known
	Nitrate + Nitrite	0.00	0.02	0.11	0.01	Low NOx	Lower Than Normal	No Change
	Ammonia	0.01	0.02	0.13	0.03	Low Ammonia	Higher than Normal	No Change
	Total Nitrogen	0.01	0.24	1.44	0.17	Low Total Nitrogen	Within Normal Range	No Change
	pH	6.31	7.74	8.74	7.59	Alkaline	Within Normal Range	No Change
	Specific Conductance	31	116	169	127	Softwater	Within Normal Range	No Change
	True Color	1	6	22	4	Uncolored	Lower Than Normal	No Change
	Calcium	7.8	11.6	14.8	9.3	May be Susceptible to Zebra Mussels	Lower Than Normal	No Change
Lake Perception	WQ Assessment	1	1.0	2	1.0	Crystal Clear	Within Normal Range	No Change
	Aquatic Plant Coverage	1	1.0	1	1.0	Plants Not Visible	Within Normal Range	No Change
	Recreational Assessment	1	1.1	3	1.0	Could Not Be Nicer	Within Normal Range	No Change
Biological Condition	Phytoplankton					Open water-low blue green algae biomass	Not known	Not known
	Macrophytes					Excellent quality of aquatic plant community	Not known	Not known
	Zooplankton					Not evaluated through CSLAP	Not known	Not known
	Macroinvertebrates					Not evaluated through CSLAP	Not known	Not known
	Fish					Two story fishery	Not known	Not known
	Invasive Species					Zebra mussels, Asian clam, Chinese mystery snail, European fingernail snail, Brown trout, Black crappie, Spiny water flea, Eurasian watermilfoil, Curlyleaf pondweed, Brittle naiad	Not known	Not known
Local Climate Change	Air Temperature	9	19.6	30	19.6		Within Normal Range	No Change
	Water Temperature	11	18.7	26	18.7		Within Normal Range	Increasing Significantly
Harmful Algal Blooms	Open Water Phycocyanin	0	6	66	2	No readings indicate high risk of BGA	Not known	Not known
	Open Water FP Chl.a	0	0	2	0	No readings indicate high algae levels	Not known	Not known
	Open Water FP BG Chl.a	0	0	1	0	No readings indicate high BGA levels	Not known	Not known
	Open Water Microcystis	<DL	<DL	0.5	<DL	Low open water MC-LR	Not known	Not known
	Open Water Anatoxin a	<DL	<DL	<DL	<DL	Open water Anatoxin-a consistently not detectable	Not known	Not known
	Shoreline Phycocyanin					No shoreline blooms sampled for PC	Not known	Not known
	Shoreline FP Chl.a					No shoreline blooms sampled for FP	Not known	Not known
	Shoreline FP BG Chl.a					No shoreline blooms sampled for FP	Not known	Not known
	Shoreline Microcystis					No shoreline bloom MC-LR data	Not known	Not known
	Shoreline Anatoxin a					No shoreline bloom anatoxin data	Not known	Not known

Lake Condition Summary- Crown Island Site

Category	Indicator	Min	Overall Avg	Max	2014 Avg	Classification	2014 Change?	Long-term Change?
Eutrophication Indicators	Water Clarity	4.00	9.32	12.25	10.21	Oligotrophic	Within Normal Range	Increasing Slightly
	Chlorophyll *a*	0.05	0.41	1.20	0.77	Oligotrophic	Higher than Normal	No Change
	Total Phosphorus	0.004	0.009	0.030	0.009	Oligotrophic	Within Normal Range	Decreasing Significantly
Potable Water Indicators	Hypolimnetic Ammonia	0.01	0.02	0.04	0.04	Close to Surface NH4 Readings	Higher than Normal	Not known
	Hypolimnetic Arsenic	1.00	1.00	1.00		Low Deepwater Arsenic Levels		Not known
	Hypolimnetic Iron	0.01	0.06	0.12		Low Iron Levels		Not known
	Hypolimnetic Manganese	0.01	0.04	0.10		Low Manganese Levels		Not known
Limnological Indicators	Hypolimnetic Phosphorus	0.004	0.008	0.019	0.011	Close to Surface TP Readings	Higher than Normal	Not known
	Nitrate + Nitrite	0.00	0.04	0.69	0.00	Low NOx	Lower Than Normal	No Change
	Ammonia	0.00	0.02	0.33	0.04	Low Ammonia	Higher than Normal	No Change
	Total Nitrogen	0.01	0.21	1.04	0.21	Low Total Nitrogen	Within Normal Range	No Change
	pH	6.75	7.68	9.32	7.48	Alkaline	Within Normal Range	No Change
	Specific Conductance	73	114	203	113	Softwater	Within Normal Range	No Change
	True Color	1	7	39	2	Uncolored	Lower Than Normal	No Change
	Calcium	9.6	11.6	16.4	10.6	May be Susceptible to Zebra Mussels	Lower Than Normal	No Change
Lake Perception	WQ Assessment	1	1.0	1	1.0	Crystal Clear	Within Normal Range	No Change
	Aquatic Plant Coverage	1	1.2	3	1.0	Plants Not Visible	Within Normal Range	No Change
	Recreational Assessment	1	1.1	2	1.0	Could Not Be Nicer	Within Normal Range	No Change
Biological Condition	Phytoplankton					Open water-low blue green algae biomass	Not known	Not known
	Macrophytes					Excellent quality of aquatic plant community	Not known	Not known
	Zooplankton					Not evaluated through CSLAP	Not known	Not known
	Macroinvertebrates					Not evaluated through CSLAP	Not known	Not known
	Fish					Two story fishery	Not known	Not known
	Invasive Species					Zebra mussels, Asian clam, Chinese mystery snail, European fingernail snail, Brown trout, Black crappie, Spiny water flea, Eurasian watermilfoil, Curlyleaf pondweed, Brittle naiad	Not known	Not known
Local Climate Change	Air Temperature	10	23.2	44	19.9		Lower Than Normal	Decreasing Significantly
	Water Temperature	12	22.4	27	21.6		Within Normal Range	No Change
Harmful Algal Blooms	Open Water Phycocyanin	-1	4	12	0	No readings indicate high risk of BGA	Not known	Not known
	Open Water FP Chl.a	0	5	22	0	Few readings indicate high algae levels	Not known	Not known
	Open Water FP BG Chl.a	0	3	11	0	Few readings indicate high BGA levels	Not known	Not known
	Open Water Microcystis	<0.30	<DL	<DL	<0.30	Open water MC-LR consistently not detectable	Not known	Not known
	Open Water Anatoxin a	<DL	<DL	<DL	<DL	Open water Anatoxin-a consistently not detectable	Not known	Not known
	Shoreline Phycocyanin					No shoreline blooms sampled for PC	Not known	Not known
	Shoreline FP Chl.a					No shoreline blooms sampled for FP	Not known	Not known
	Shoreline FP BG Chl.a					No shoreline blooms sampled for FP	Not known	Not known
	Shoreline Microcystis					No shoreline bloom MC-LR data	Not known	Not known
	Shoreline Anatoxin a					No shoreline bloom anatoxin data	Not known	Not known

Lake Condition Summary- Gull Bay Site

Category	Indicator	Min	Overall Avg	Max	2014 Avg	Classification	2014 Change?	Long-term Change?
Eutrophication Indicators	Water Clarity	7.35	10.26	13.55	9.70	Oligotrophic	Within Normal Range	No Change
	Chlorophyll *a*	0.05	0.53	1.10	0.73	Oligotrophic	Higher than Normal	No Change
	Total Phosphorus	0.002	0.005	0.014	0.004	Oligotrophic	Within Normal Range	No Change
Potable Water Indicators	Hypolimnetic Ammonia	0.00	0.03	0.18	0.06	Close to Surface NH4 Readings	Higher than Normal	Not known
	Hypolimnetic Arsenic	0.34	0.56	1.00		Low Deepwater Arsenic Levels		Not known
	Hypolimnetic Iron	0.01	0.04	0.11		Low Iron Levels		Not known
	Hypolimnetic Manganese	0.01	0.03	0.10		Low Manganese Levels		Not known
Limnological Indicators	Hypolimnetic Phosphorus	0.003	0.006	0.022	0.006	Close to Surface TP Readings	Within Normal Range	Not known
	Nitrate + Nitrite	0.00	0.02	0.30	0.01	Low NOx	Within Normal Range	No Change
	Ammonia	0.00	0.03	0.29	0.13	Low Ammonia	Higher than Normal	No Change
	Total Nitrogen	0.01	0.33	7.42	0.19	Low Total Nitrogen	Within Normal Range	No Change
	pH	6.75	7.58	8.54	7.26	Alkaline	Lower Than Normal	No Change
Lake Perception	Specific Conductance	63	120	327	123	Softwater	Within Normal Range	No Change
	True Color	0	5	40	2	Uncolored	Lower Than Normal	Decreasing Slightly
	Calcium	10.3	11.8	14.0	10.6	May be Susceptible to Zebra Mussels	Lower Than Normal	No Change
	WQ Assessment	1	1.0	2	1.1	Crystal Clear	Less Favorable than Normal	No Change
	Aquatic Plant Coverage	1	1.0	1	1.0	Plants Not Visible	Within Normal Range	No Change
	Recreational Assessment	1	1.0	2	1.0	Could Not Be Nicer	Within Normal Range	No Change
Biological Condition	Phytoplankton					Open water-low blue green algae biomass	Not known	Not known
	Macrophytes					Excellent quality of aquatic plant community	Not known	Not known
	Zooplankton					Not evaluated through CSLAP	Not known	Not known
	Macroinvertebrates					Not evaluated through CSLAP	Not known	Not known
	Fish					Two story fishery	Not known	Not known
	Invasive Species					Zebra mussels, Asian clam, Chinese mystery snail, European fingernail snail, Brown trout, Black crappie, Spiny water flea, Eurasian watermilfoil, Curlyleaf pondweed, Brittle naiad	Not known	Not known
Local Climate Change	Air Temperature	13	24.2	34	24.2		Within Normal Range	No Change
	Water Temperature	13	22.2	28	22.2		Within Normal Range	No Change
Harmful Algal Blooms	Open Water Phycocyanin	-1	2	17	1	No readings indicate high risk of BGA	Not known	Not known
	Open Water FP Chl.a	0	1	8	0	No readings indicate high algae levels	Not known	Not known
	Open Water FP BG Chl.a	0	0	5	0	No readings indicate high BGA levels	Not known	Not known
	Open Water Microcystis	<DL	<DL	0.4	<DL	Low open water MC-LR	Not known	Not known
	Open Water Anatoxin a	<DL	<DL	<DL	<DL	Open water Anatoxin-a consistently not detectable	Not known	Not known
	Shoreline Phycocyanin					No shoreline blooms sampled for PC	Not known	Not known
	Shoreline FP Chl.a	0	1	8	1	No readings indicate high algae levels	Not known	Not known
	Shoreline FP BG Chl.a					No shoreline blooms sampled for FP	Not known	Not known
	Shoreline Microcystis					No shoreline blooms rept	Not known	Not known
	Shoreline Anatoxin a					No shoreline blooms rept	Not known	Not known

Evaluation of Lake Condition Impacts to Lake Uses

The 2009 NYSDEC Priority Waterbody Listing (PWL) for the Lake Champlain drainage basin indicate *recreation* is *impaired*, *habitat* is *stressed*, and *water supply* is threatened. The PWL listing for Lake George is shown in Appendix B.

Potable Water (Drinking Water)

The CSLAP dataset at Lake George, including water chemistry data, physical measurements, and volunteer samplers' perception data, is inadequate to evaluate the use of the lake for potable water. The limited data related to algae levels indicate that the lake should support potable water usage in nearly all locations.

Contact Recreation (Swimming)

The CSLAP dataset at Lake George, including water chemistry data, physical measurements, and volunteer samplers' perception data, suggests that swimming and contact recreation should be fully supported, although additional information about bacterial levels is needed to evaluate the safety of the water for swimming.

Non-Contact Recreation (Boating and Fishing)

The CSLAP dataset on Lake George, including water chemistry data, physical measurements, and volunteer samplers' perception data, suggest that non-contact recreation should be fully supported, although this use may ultimately be *threatened* by the presence of Eurasian watermilfoil.

Aquatic Life

The CSLAP dataset on Lake George, including water chemistry data, physical measurements, and volunteer samplers' perception data, suggest that aquatic life may be *stressed* by exotic animals and plants and deepwater hypoxia. Additional data are needed to evaluate the food and habitat conditions for aquatic organisms in the lake.

Aesthetics

The CSLAP dataset on Lake George, including water chemistry data, physical measurements, and volunteer samplers' perception data, suggest that aesthetics should be fully supported, although this use may be *threatened* in some locations by invasive plants.

Fish Consumption

General Adirondack-wide fish consumption advisories apply to Lake George.

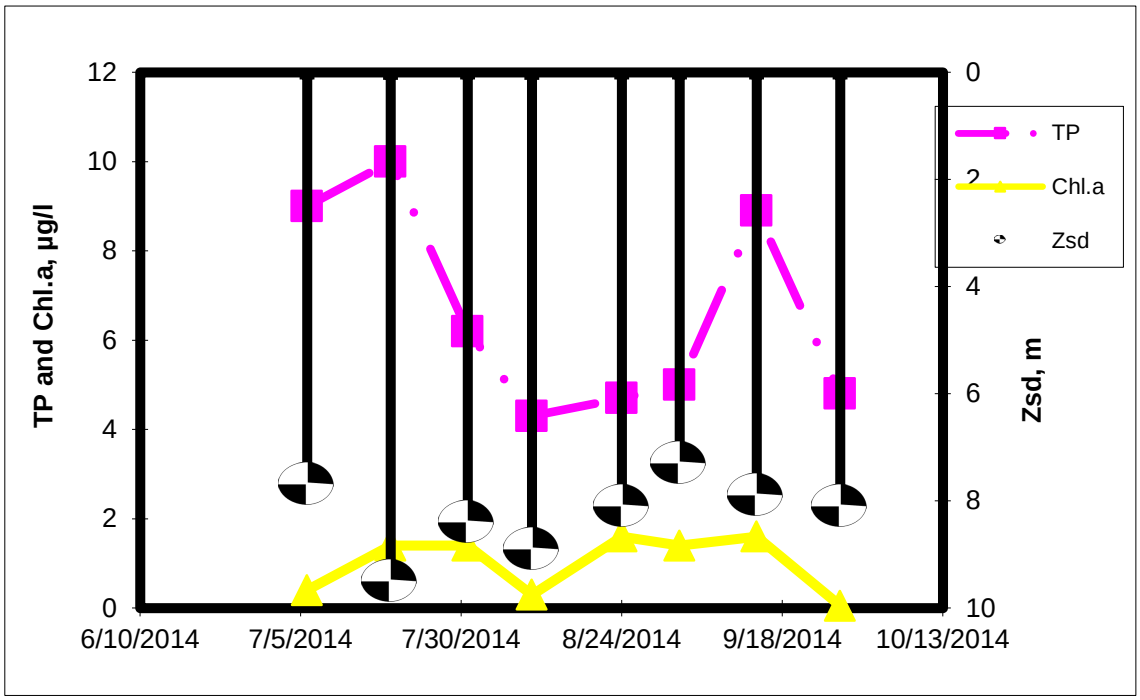
Additional Comments and Recommendations

It is not known if Eurasian watermilfoil populations in the lake have significantly affected the biological integrity of the lake. Continued aquatic invasive species surveys can help to determine the impact of these biological invaders on the biological health of the lake. Lake residents should continue to report and avoid exposure to any surface scums or heavily discolored water, recognizing that the lake does not appear to be susceptible to blue green algae blooms.

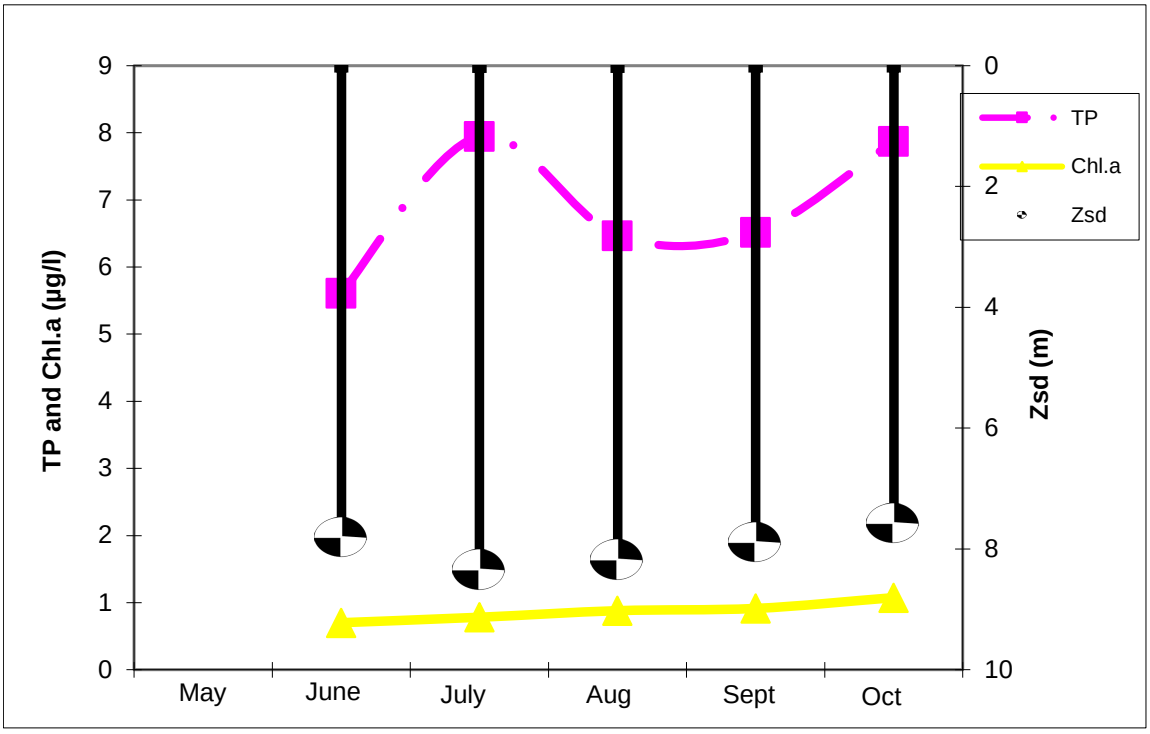
Aquatic Plant IDs-2014

None submitted for identification in 2014.

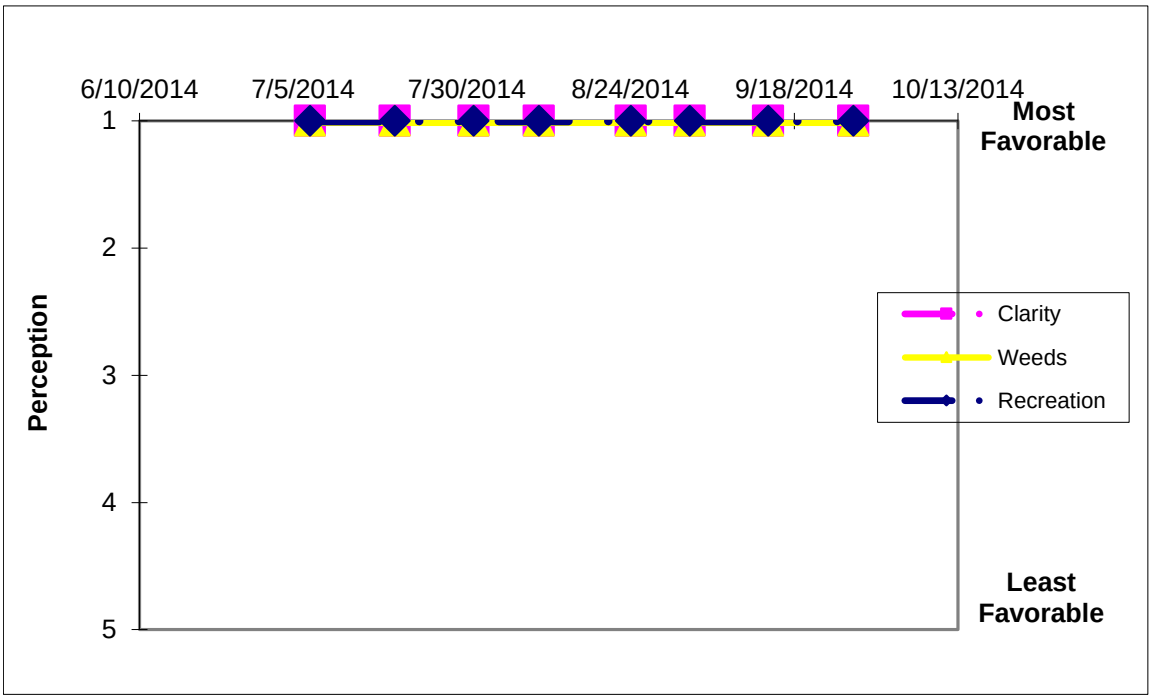
Time Series: Trophic Indicators, 2014- "Reference Site" (Basin Bay)



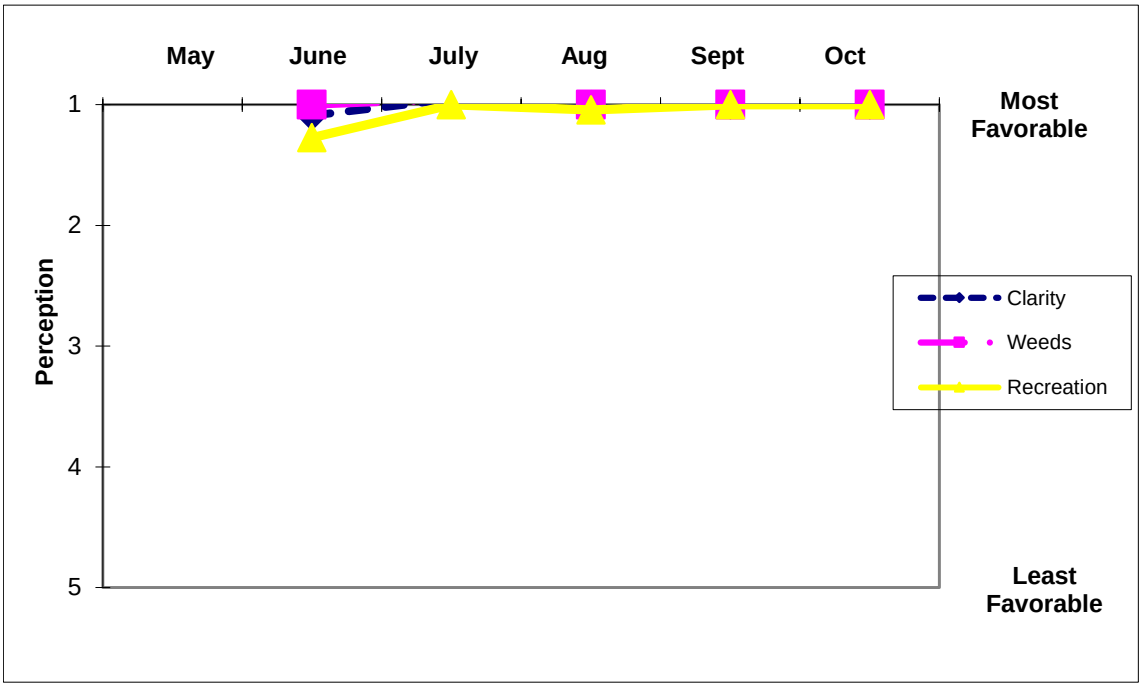
Time Series: Trophic Indicators, Typical Year (2004-2014)-"Reference Site" (Basin Bay)



Time Series: Lake Perception Indicators, 2014-"Reference Site" (Basin Bay)



Time Series: Lake Perception Indicators, Typical Year (2004-2014)- "Reference Site"- Basin Bay



Appendix A- CSLAP Water Quality Sampling Results for Lake George

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.01	L George Site 1-LG Village	7/2/2004	30.3	7.75	1.5	0.020	0.01	0.01	0.11	5.30	5	6.54	127	16.5	0.2
199.01	L George Site 1-LG Village	7/28/2004	30.5	9.30	1.5		0.01	0.01	0.43		0	7.24	134		0.3
199.01	L George Site 1-LG Village	8/10/2004	30.5	6.10	1.5	0.014	0.01	0.01	0.19	13.55	2	8.16	123		1.2
199.01	L George Site 1-LG Village	8/17/2004	30.5	5.15		0.012	0.08	0.02	0.44	36.51	34	7.39	146		1.5
199.01	L George Site 1-LG Village	9/14/2004	30.5	6.75	1.5	0.010	0.09	0.01	0.36	37.31	3	7.08	106	13.7	0.9
199.01	L George Site 1-LG Village	9/21/2004	30.5	6.45	1.5	0.007	0.02	0.01	0.44	60.83	1	8.07	107		
199.01	L George Site 1-LG Village	10/8/2004	30.5	6.40	1.5	0.005	0.01	0.01	0.29	63.63	0	6.73	111		
199.01	L George Site 1-LG Village	10/25/2004	30.5	5.95	1.5	0.005	0.01	0.01	0.85	183.37	3	7.43	92.4		1.7
199.01	L George Site 1-LG Village	6/27/2005				0.004					3	8.27	113		0.2
199.01	L George Site 1-LG Village	7/11/2005		7.45	1.5	0.010	0.01	0.01	0.11	11.01				12.4	1.6
199.01	L George Site 1-LG Village	7/26/2005	17.9	7.15	1.5	0.015	0.01	0.01	0.13	8.94	11	7.90	130		0.8
199.01	L George Site 1-LG Village	8/8/2005	18.0	6.45	1.5	0.006	0.01	0.01	0.16	26.10	7	7.65	75		1.0
199.01	L George Site 1-LG Village	9/11/2005	18.1	6.25	1.5	0.009	0.01	0.01	0.06	7.06	4	7.77	135		1.1
199.01	L George Site 1-LG Village	10/2/2005				0.007						7.49	48		0.3
199.01	L George Site 1-LG Village	6/19/2007	19.8	6.90	1.0	0.007	0.00	0.01	0.16	51.95	3	7.70	130	11.7	0.10
199.01	L George Site 1-LG Village	7/2/2007	20.3	6.80	1.0	0.006	0.01	0.00	0.27	93.63	6	8.06	122		0.20
199.01	L George Site 1-LG Village	6/24/2008	**15.0**	7.35	1.5	0.011	0.01	0.01	0.14	28.48		7.45	103		0.22
199.01	L George Site 1-LG Village	7/15/2008	17.7	5.85		0.011	0.09	0.02	0.12	23.29	11	8.22	107		0.23
199.01	L George Site 1-LG Village	7/29/2008	13.0	7.25	1.5	0.010	0.01	0.01	0.11	24.40	7	7.57	113		0.29
199.01	L George Site 1-LG Village	8/13/2008	12.0	7.05	1.5	0.007	0.01	0.01	0.09	27.14	3	7.48	130		0.33
199.01	L George Site 1-LG Village	8/26/2008	**13.1**	6.85	1.5	0.005	0.01	0.00	0.12	52.71	6	7.98	125	9.6	0.26
199.01	L George Site 1-LG Village	9/14/2008	12.1	6.05	1.5	0.004	0.01	0.01	0.14	74.63	6	7.60	133		1.37
199.01	L George Site 1-LG Village	9/28/2008				0.005	0.01	0.01	0.13	58.72	5	7.11	123		0.66
199.01	L George Site 1-LG Village	6/19/2007	19.8	6.90	1.0	0.007	0.00	0.01	0.16	51.95	3	7.70	130	11.7	0.10
199.01	L George Site 1-LG Village	7/2/2004	30.3			0.008	0.06	0.03	0.28	34.89					
199.01	L George Site 1-LG Village	7/28/2004	30.5		30.0	0.025	0.03	0.01	0.35	14.25					
199.01	L George Site 1-LG Village	8/10/2004	30.5		30.0	0.012	0.04	0.01	0.11	8.96					
199.01	L George Site 1-LG Village	8/17/2004	30.5		30.0	0.010	0.09	0.01	0.32	33.92					
199.01	L George Site 1-LG Village	9/14/2004	30.5		30.0	0.009	0.10	0.01	0.35	41.47					
199.01	L George Site 1-LG Village	9/21/2004	30.5		30.0	0.008	0.12	0.01	0.56	74.06					
199.01	L George Site 1-LG Village	10/8/2004	30.5		30.0	0.009	0.09	0.01	0.13	14.36					
199.01	L George Site 1-LG Village	10/25/2004	30.5		30.0	0.006	0.08	0.01							
199.01	L George Site 1-LG Village	6/27/2005				0.027									
199.01	L George Site 1-LG Village	7/11/2005			17.8	0.053									
199.01	L George Site 1-LG Village	7/26/2005	17.9		17.0	0.011									
199.01	L George Site 1-LG Village	8/8/2005	18.0		16.5	0.007									
199.01	L George Site 1-LG Village	9/11/2005	18.1		17.5	0.009									
199.01	L George Site 1-LG Village	10/2/2005				0.008									
199.01	L George Site 1-LG Village	6/19/2007	19.8		18.3	0.013									
199.01	L George Site 1-LG Village	7/2/2007	20.3		18.5	0.006									
199.01	L George Site 1-LG Village	6/24/2008	**15.0**	7.35	**18.5**	0.006									
199.01	L George Site 1-LG Village	7/15/2008	17.7	5.85	17.7	0.012									
199.01	L George Site 1-LG Village	7/29/2008	13.0	7.25	13.0	0.008									
199.01	L George Site 1-LG Village	8/13/2008	12.0	7.05		0.007									
199.01	L George Site 1-LG Village	8/26/2008	**13.1**	6.85	**14.0**	0.007									
199.01	L George Site 1-LG Village	9/14/2008	12.1	6.05	11.0	0.009									
199.01	L George Site 1-LG Village	9/28/2008				0.006									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.02	L George Site 2-Diamond Island	7/22/2004	30.5	9.35	1.5	0.004	0.01	0.01	0.33	92.43	2	7.55	132	13.9	0.2
199.02	L George Site 2-Diamond Island	8/6/2004	30.8	8.05	1.5	0.014	0.01	0.01	0.13	9.32	6	7.44	130		0.9
199.02	L George Site 2-Diamond Island	8/19/2004	31.1	8.75	2.0	0.009	0.01	0.01	0.38	41.28	12	7.82	119		2.4
199.02	L George Site 2-Diamond Island	9/2/2004	30.8	8.25	2.0	0.012	0.01	0.01	0.32	26.92	4	7.83	98		1.4
199.02	L George Site 2-Diamond Island	9/15/2004	30.8	7.30	2.0	0.009	0.01	0.01	0.14	16.58	1	7.38	96	12.6	2.2
199.02	L George Site 2-Diamond Island	10/1/2004	30.8	6.80	2.0	0.013	0.01	0.02	0.38	29.88	0	7.58	113		
199.02	L George Site 2-Diamond Island	7/20/2005	30.5	8.50	1.5	0.007					1	7.10	134	11.6	0.3
199.02	L George Site 2-Diamond Island	8/7/2005	30.2	6.50	1.5	0.007	0.01	0.01	0.17	23.32	5	7.69	130		0.1
199.02	L George Site 2-Diamond Island	8/25/2005	30.5	8.25	1.5	0.003	0.01	0.01	0.10	28.57	5	8.63	78		0.1
199.02	L George Site 2-Diamond Island	9/7/2005	30.5	6.25	1.5	0.007	0.01	0.01	0.18	25.95	33	8.91	38		0.9
199.02	L George Site 2-Diamond Island	7/3/2006	30.5	7.25	3.0										
199.02	L George Site 2-Diamond Island	7/5/2006	30.5	7.25	3.5	0.006	0.01	0.02			15	8.13	79	9.8	0.97
199.02	L George Site 2-Diamond Island	7/17/2006	30.5	7.75	3.0	0.008	0.01	0.02			6	8.03	103		1.06
199.02	L George Site 2-Diamond Island	8/4/2006	29.9	7.50	3.0	0.013	0.01	0.02				9.16	93		0.64
199.02	L George Site 2-Diamond Island	8/18/2006	30.5	6.70	3.0	0.006	0.01	0.01				8.72	105		1.32
199.02	L George Site 2-Diamond Island	8/28/2006	30.5	7.65	3.0	0.007					22	8.07	87	12.9	1.11
199.02	L George Site 2-Diamond Island	9/10/2006	30.5	6.25	3.0	0.007					27	7.93	90		1.19
199.02	L George Site 2-Diamond Island	7/7/2007	30.5	6.50	3.0	0.006	0.01	0.02	0.32	123.94	10	9.2	115	11.5	1.13
199.02	L George Site 2-Diamond Island	7/25/2007	30.5	6.75	1.5	0.007	0.00	0.01	0.30	98.97	8	8.2	123		1.66
199.02	L George Site 2-Diamond Island	7/31/2007	30.0	8.20	3.0	0.007	0.01	0.02	0.27	90.56	9	8.0	90		0.88
199.02	L George Site 2-Diamond Island	8/14/2007	30.8	9.50	3.0	0.005	0.00	0.01	0.26	107.45	5	7.6	105		0.75
199.02	L George Site 2-Diamond Island	8/27/2007	30.5	9.00	3.0	0.006	0.00	0.01	0.28	98.75	3	7.3	119	11.0	0.82
199.02	L George Site 2-Diamond Island	9/4/2007	30.5	7.75	3.0	0.008	0.01	0.01	0.31	84.66	4	8.1	109		0.77
199.02	L George Site 2-Diamond Island	9/13/2007	30.5	6.75	3.0	0.007	0.02	0.02	0.34	106.18	10	9.2	83		0.92
199.02	L George Site 2-Diamond Island	9/21/2007	30.0	7.13	3.0	0.008	0.02	0.67	0.63	177.64	2	8.7	98		0.94
199.02	L George Site 2-Diamond Island	6/15/2008	~30	7.50	3.0	0.006	0.01	0.04	0.15	58.42	5	8.3	117	11.6	0.60
199.02	L George Site 2-Diamond Island	6/30/2008	30.0	8.25	3.0	0.005	0.00	0.01	0.17	68.15	4	7.3	122		1.33
199.02	L George Site 2-Diamond Island	7/9/2008	30.0	6.65	3.0	0.007	0.01	0.01	0.10	35.20	10	9.1	53		0.70
199.02	L George Site 2-Diamond Island	7/22/2008	30.0	8.25	3.0	0.007	0.01	0.01	0.12	40.53	9	8.2	98		0.42
199.02	L George Site 2-Diamond Island	7/27/2008	30.0	5.75	3.0	0.006	0.01	0.01	0.23	90.59	43	8.8	113	11.3	1.49
199.02	L George Site 2-Diamond Island	8/18/2008	30.0	6.50	3.0	0.004	0.02	0.02	0.15	75.83	6	9.2	122		0.74
199.02	L George Site 2-Diamond Island	8/27/2008	30.0	8.00	3.0	0.004	0.01	0.03	0.18	111.31	6	8.1	109		1.18
199.02	L George Site 2-Diamond Island	9/11/2008	30.0	7.75	3.0	0.005	0.01	0.01	0.13	54.80	3	7.5	122		0.99
199.02	L George Site 2-Diamond Island	06/24/2009	30.5	7.50	1.0	0.005	0.00	0.01	0.06	25.67	12	8.29	96	10.8	0.73
199.02	L George Site 2-Diamond Island	07/06/2009	30.5	10.00	1.0	0.004	0.00	0.00	0.05	28.29	11	7.97	106		0.89
199.02	L George Site 2-Diamond Island	07/07/2009	30.5	7.25	1.0	0.006	0.01	0.03	0.07	25.86	5	7.76	99		0.74
199.02	L George Site 2-Diamond Island	07/22/2009	30.5	8.75	1.0	0.005	0.01	0.01	0.08	32.19	4	7.66	96		0.71
199.02	L George Site 2-Diamond Island	07/30/2009	30.5	5.75	1.0	0.004	0.01	0.01	0.14	78.97	7	6.91	83	11.4	0.70
199.02	L George Site 2-Diamond Island	08/17/2009	30.5	7.00	1.0	0.006	0.01	0.04	0.11	39.67	9	7.35	146		0.30
199.02	L George Site 2-Diamond Island	08/31/2009	30.5	7.25	1.0	0.005		0.02	0.09	39.35	9	7.42	110		0.80
199.02	L George Site 2-Diamond Island	09/04/2009	30.5	8.00	1.0	0.006			0.08	27.50	10	8.25	90		
199.02	L George Site 2-Diamond Island	6/22/2010	30.5	6.50	1.0	0.006	0.01	0.02	0.16	58.79	11	7.89	126	14.8	0.90
199.02	L George Site 2-Diamond Island	6/30/2010	30.5	5.50	1.0	0.007	0.21	0.04	0.14	45.94	8				1.50
199.02	L George Site 2-Diamond Island	7/12/2010	30.5	7.75	1.0	0.005	0.01	0.01	0.13	61.60	7	8.75	129		0.50
199.02	L George Site 2-Diamond Island	7/27/2010	30.5	8.25	1.0	0.004	0.01	0.02	0.11	61.17	12	8.13	121		0.80
199.02	L George Site 2-Diamond Island	8/13/2010	30.5	9.10	1.0	0.005	0.03	0.04	0.20	88.90	8	7.62	133	12.5	0.80
199.02	L George Site 2-Diamond Island	8/24/2010	30.5	7.75	1.0	0.005	0.03	0.04	0.40	181.50	11	7.52	132		1.20
199.02	L George Site 2-Diamond Island	8/28/2010	30.5	7.75	1.0	0.005	0.01	0.02	0.14	59.65	12	7.49	139		0.80
199.02	L George Site 2-Diamond Island	9/13/2010	30.5	7.00	1.0	0.005	0.02	0.04	0.16	70.94	5	7.40	137		0.30
199.02	L George Site 2-Diamond Island	6/28/2011	30.5	6.25	3.0	0.007	0.04	0.02	0.16	50.06	10	6.79	106	14.0	1.20
199.02	L George Site 2-Diamond Island	7/15/2011	30.5	7.25	3.0	0.005	0.03	0.03			10	6.89	131		0.70
199.02	L George Site 2-Diamond Island	7/29/2011	30.5	6.75	3.0	0.006	0.01	0.01	0.24	94.29	22	7.84	126		0.80
199.02	L George Site 2-Diamond Island	8/5/2011	30.5	7.25	3.0	0.009	0.01	0.01	0.18	43.52	11	7.97	127		0.60
199.02	L George Site 2-Diamond Island	8/18/2011	30.5	5.75	3.5	0.010	0.01	0.02	0.12	26.89	9	8.41	111	13.4	0.80
199.02	L George Site 2-Diamond Island	8/26/2011	30.5	6.25	3.0	0.005	0.01	0.04	0.16	72.55	7	8.75	93		0.60
199.02	L George Site 2-Diamond Island	9/16/2011	30.5	6.25	3.0	0.013	0.01	0.02	0.21	3.68	10	8.04	131		1.30
199.02	L George Site 2-Diamond Island	10/9/2011	30.5	4.75	3.0	0.023	0.01	0.03	0.20	19.18	7	8.51	82		1.40
199.02	L George Site 2-Diamond Island	6/6/2012	30.8	6.75	1.0	0.006	0.08	0.06	0.17	57.62	7	7.21	129	12.0	0.40
199.02	L George Site 2-Diamond Island	6/13/2012	30.5	8.25	1.0	0.007	0.02	0.04	0.14	44.94	6	7.21	127		0.90
199.02	L George Site 2-Diamond Island	7/12/2012	30.5	7.75	3.0	0.006	0.01	0.01	0.12	44.73	5	7.61	128		
199.02	L George Site 2-Diamond Island	7/31/2012	30.5	6.75	1.0	0.006	0.03	0.01	0.15	58.28	4	7.91	128		
199.02	L George Site 2-Diamond Island	8/22/2012	30.5	5.75	1.0	0.006	0.01	0.03	0.14	48.89	5	7.54	126	12.9	
199.02	L George Site 2-Diamond Island	8/31/2012	30.5	6.00	1.0	0.009	0.01	0.03	0.12	28.39	5	7.44	128		
199.02	L George Site 2-Diamond Island	9/21/2012	30.5	5.25	1.0	0.006	0.02	0.02	0.21	71.59	4	7.59	127		1.00
199.02	L George Site 2-Diamond Island	10/13/2012		5.50	3.0	0.007	0.01	0.01	0.17	50.93	3	7.24	127		
199.02	L George Site 2-Diamond Island	6/20/2013	30.5	8.35	1.0	0.007	0.01	0.01	0.04	12.99	18	7.53	128		0.50

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.02	L George Site 2-Diamond Island	6/30/2013	30.5	4.75	1.0	0.006			0.20	79.56	9	7.27	129		0.70
199.02	L George Site 2-Diamond Island	7/17/2013	30.5	7.25	1.0	0.004	0.01	0.02	0.27	140.90	5	7.41	129		0.50
199.02	L George Site 2-Diamond Island	8/8/2013	30.5	6.50	1.0	0.004			0.36	189.18	11	7.50	131		0.60
199.02	L George Site 2-Diamond Island	8/31/2013	30.5	6.75	1.0	0.004	0.01	0.01	0.30	169.13	8	7.33	130		
199.02	L George Site 2-Diamond Island	9/24/2013	30.5	7.25	1.0	0.005			0.32	137.09	6	7.42	130		
199.02	L George Site 2-Diamond Island	6/10/2014	30.5	6.50	1.5	0.007	0.02	0.04	0.19	62.72		6.77	134	11.1	0.10
199.02	L George Site 2-Diamond Island	6/30/2014	30.5	7.75	1.5	0.007			0.20	63.17		7.00	131		0.80
199.02	L George Site 2-Diamond Island	7/14/2014	30.5	6.25	1.5	0.014	0.01	0.03	0.21	33.40	5	7.48	127		1.00
199.02	L George Site 2-Diamond Island	7/28/2014	30.5	7.75	1.5	0.018			0.18	22.24	2	7.61	179		1.20
199.02	L George Site 2-Diamond Island	8/17/2014	30.2	7.75	1.5	0.008	0.01	0.03	0.19	50.98	2	7.84	135	11.2	0.70
199.02	L George Site 2-Diamond Island	8/25/2014	30.5	7.95	1.5	0.009			0.25	64.47	2	7.37	136		0.30
199.02	L George Site 2-Diamond Island	9/19/2014	30.5	6.25	1.5	0.008	0.02	0.05	0.17	49.57	2	7.25	130		0.70
LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.02	L George Site 2-Diamond Island	7/22/2004	30.5		29.8	0.006	0.05	0.42	0.32	50.49					
199.02	L George Site 2-Diamond Island	8/6/2004	30.8		30.5	0.030	0.02	0.03	0.35	11.72					
199.02	L George Site 2-Diamond Island	8/19/2004	31.1		30.5	0.006	0.07	0.02	0.60	102.36					
199.02	L George Site 2-Diamond Island	9/2/2004	30.8		30.5	0.010	0.08	0.02	0.41	39.73					
199.02	L George Site 2-Diamond Island	9/15/2004	30.8		30.5	0.013	0.09	0.01	0.23	18.03					
199.02	L George Site 2-Diamond Island	10/1/2004	30.8		30.5	0.009	0.08	0.01	0.32	37.28					
199.02	L George Site 2-Diamond Island	7/20/2005	30.5		30.0	0.013									
199.02	L George Site 2-Diamond Island	8/7/2005	30.2		29.9	0.007									
199.02	L George Site 2-Diamond Island	8/25/2005	30.5		30.5	0.006									
199.02	L George Site 2-Diamond Island	9/7/2005	30.5		30.5	0.007									
199.02	L George Site 2-Diamond Island	7/5/2006	30.5		32.0	0.008									
199.02	L George Site 2-Diamond Island	8/4/2006	29.9		30.2	0.008									
199.02	L George Site 2-Diamond Island	8/18/2006	30.5		29.3	0.006									
199.02	L George Site 2-Diamond Island	8/28/2006	30.5		30.5	0.006									
199.02	L George Site 2-Diamond Island	9/10/2006	30.5		29.9	0.006									
199.02	L George Site 2-Diamond Island	7/25/2007	30.5		30.0	0.016									
199.02	L George Site 2-Diamond Island	7/31/2007	30.0		30.0	0.007									
199.02	L George Site 2-Diamond Island	8/14/2007	30.8		30.5	0.011									
199.02	L George Site 2-Diamond Island	8/27/2007	30.5		30.5	0.008									
199.02	L George Site 2-Diamond Island	9/4/2007	30.5		30.5	0.897									
199.02	L George Site 2-Diamond Island	9/13/2007	30.5		30.5	0.009									
199.02	L George Site 2-Diamond Island	9/21/2007	30.0		30.0	0.007									
199.02	L George Site 2-Diamond Island	6/15/2008			30.0	0.007									
199.02	L George Site 2-Diamond Island	6/30/2008			30.0	0.009									
199.02	L George Site 2-Diamond Island	7/9/2008			30.0	0.009									
199.02	L George Site 2-Diamond Island	7/22/2008			30.0	0.008									
199.02	L George Site 2-Diamond Island	7/27/2008			30.0	0.007									
199.02	L George Site 2-Diamond Island	8/18/2008			30.0	0.007									
199.02	L George Site 2-Diamond Island	8/27/2008			30.0	0.005									
199.02	L George Site 2-Diamond Island	9/11/2008			30.0	0.004									
199.02	L George Site 2-Diamond Island	06/24/2009	30.5		30.5	0.007									
199.02	L George Site 2-Diamond Island	07/06/2009	30.5		30.5	0.007									
199.02	L George Site 2-Diamond Island	07/07/2009	30.5		30.5	0.009									
199.02	L George Site 2-Diamond Island	07/22/2009	30.5		30.5	0.012									
199.02	L George Site 2-Diamond Island	07/30/2009	30.5		30.5	0.005							0.1	0.1	
199.02	L George Site 2-Diamond Island	08/17/2009	30.5		30.5	0.008									
199.02	L George Site 2-Diamond Island	08/31/2009	30.5		30.5	0.009							0.1	0.1	
199.02	L George Site 2-Diamond Island	09/04/2009	30.5		30.5	0.007									
199.02	L George Site 2-Diamond Island	6/22/2010	30.5		30.5	0.007		0.02							
199.02	L George Site 2-Diamond Island	7/12/2010	30.5		30.5	0.010		0.02							
199.02	L George Site 2-Diamond Island	7/27/2010	30.5		30.5								0.03		
199.02	L George Site 2-Diamond Island	8/13/2010	30.5		30.5	0.007		0.02							
199.02	L George Site 2-Diamond Island	8/24/2010	30.5		30.5	0.006		0.04							
199.02	L George Site 2-Diamond Island	8/28/2010	30.5		30.5	0.007		0.03							
199.02	L George Site 2-Diamond Island	9/13/2010	30.5		30.5	0.007									4.10
199.02	L George Site 2-Diamond Island	6/28/2011	30.5		30.0	0.007		0.05					0.01	0.01	
199.02	L George Site 2-Diamond Island	7/29/2011	30.5		30.5	0.011		0.03					0.01	0.01	
199.02	L George Site 2-Diamond Island	8/18/2011	30.5		30.5	0.008		0.02					0.01	0.01	0.50
199.02	L George Site 2-Diamond Island	9/16/2011	30.5		30.5	0.006		0.03					0.01	0.01	0.50
199.02	L George Site 2-Diamond Island	6/6/2012			30.5	0.008		0.04							
199.02	L George Site 2-Diamond Island	6/13/2012			30.5								0.03	0.02	
199.02	L George Site 2-Diamond Island	7/12/2012			30.5	0.008		0.01							

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.02	L George Site 2-Diamond Island	7/31/2012			30.5								0.03	0.02	
199.02	L George Site 2-Diamond Island	8/22/2012			30.5	0.009		0.03							
199.02	L George Site 2-Diamond Island	8/31/2012			30.5								0.03	0.02	0.50
199.02	L George Site 2-Diamond Island	9/21/2012			30.5	0.010		0.01							
199.02	L George Site 2-Diamond Island	10/13/2012			30.5								0.03	0.02	1.00
199.02	L George Site 2-Diamond Island	6/20/2013			30.5	0.011		0.01							
199.02	L George Site 2-Diamond Island	7/17/2013			30.5	0.006		0.02							
199.02	L George Site 2-Diamond Island	8/31/2013			30.5	0.007		0.01							
199.02	L George Site 2-Diamond Island	6/10/2014			30.5	0.012		0.03							
199.02	L George Site 2-Diamond Island	6/30/2014			30.5	0.008									
199.02	L George Site 2-Diamond Island	7/14/2014			30.5	0.007		0.07							
199.02	L George Site 2-Diamond Island	7/28/2014			30.5	0.015									
199.02	L George Site 2-Diamond Island	8/17/2014			30.2	0.011		0.02							
199.02	L George Site 2-Diamond Island	8/25/2014			30.5	0.009									
199.02	L George Site 2-Diamond Island	9/19/2014			30.5	0.011		0.02							
199.02	L George Site 2-Diamond Island	9/30/2014			30.5	0.016									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.03	Lake George Site 3 Harris Bay	6/24/2007	14.7	8.73	1.5	0.007	0.00	0.01	0.23	71.3	6	8.0	90	11.1	0.10
199.03	Lake George Site 3 Harris Bay	7/8/2007	14.2	7.25	1.5	0.008	0.00	0.01	0.23	61.4	1	7.8	106		0.22
199.03	Lake George Site 3 Harris Bay	7/22/2007	14.7	7.00	1.5	0.013	0.00	0.01	0.38	65.0	3	7.5	115		0.30
199.03	Lake George Site 3 Harris Bay	8/5/2007	14.8	7.30	1.5	0.005	0.00	0.01	0.52	239.5	3	7.7	136		0.10
199.03	Lake George Site 3 Harris Bay	8/18/2007	8.3	7.45	1.5	0.006	0.01	0.01	0.32	120.7	7	8.0	92	12.5	0.21
199.03	Lake George Site 3 Harris Bay	9/2/2007	14.7	8.25	1.5	0.005	0.00	0.01	0.43	178.0	6	8.3	90		0.25
199.03	Lake George Site 3 Harris Bay	9/16/2007	14.5	6.05	1.5	0.004	0.01	0.01	0.36	178.9	6	7.3	112		1.55
199.03	Lake George Site 3 Harris Bay	9/30/2007	14.8	6.65	1.5	0.010	0.02	0.01	0.54	124.1	6	7.5	128		1.10
199.03	Lake George Site 3 Harris Bay	6/22/2008	14.6	7.00	1.5	0.010	0.01	0.01	0.26	56.32	9	8.08	97	11.7	1.30
199.03	Lake George Site 3 Harris Bay	7/6/2008	14.9	8.15	1.5	0.015	0.04	0.04	0.21	31.48	3	7.79	82		1.89
199.03	Lake George Site 3 Harris Bay	7/20/2008	14.4	7.50	1.5	0.006	0.02	0.02	0.12	41.52		8.13	83		1.28
199.03	Lake George Site 3 Harris Bay	7/30/2008	14.8	7.75	1.5	0.008	0.02	0.05	0.18	48.43	8	8.30	99		1.20
199.03	Lake George Site 3 Harris Bay	8/16/2008	14.9	7.40	1.5	0.008	0.00	0.01	0.13	35.20	7	6.91	119	10.3	1.26
199.03	Lake George Site 3 Harris Bay	9/1/2008	14.0	7.55	1.5	0.019	0.00	0.00	0.14	15.83	9	7.63	119		1.20
199.03	Lake George Site 3 Harris Bay	9/14/2008	14.5	6.35	1.5	0.006	0.02	0.01	0.19	64.54	1	7.52	107		1.26
199.03	Lake George Site 3 Harris Bay	10/4/2008	14.4	6.70	1.5	0.007	0.01	0.00	0.20	62.42	1	7.41	122		0.59
199.03	Lake George Site 3 Harris Bay	07/12/2009	14.8	8.35	1.5	0.006	0.03	0.01	0.14	54.62	8	7.52	104	12.5	0.88
199.03	Lake George Site 3 Harris Bay	07/26/2009	13.8	6.50	1.5	0.008	0.03	0.02	0.19	52.08	7	7.21	85		1.06
199.03	Lake George Site 3 Harris Bay	08/08/2009	14.5	6.25	1.5	0.007	0.05	0.02	0.21	64.17	6	7.25	82		1.10
199.03	Lake George Site 3 Harris Bay	08/23/2009	14.4	7.50	1.5	0.008	0.04	0.01	0.21	59.43	9	7.14	103		1.00
199.03	Lake George Site 3 Harris Bay	09/06/2009	14.5	7.35	1.5	0.005	0.01	0.01	0.11	46.59	6	7.25	94	13.1	0.90
199.03	Lake George Site 3 Harris Bay	09/20/2009	14.6	7.45	1.5	0.006	0.02	0.24	0.16	54.48	6	7.28	96		0.90
199.03	Lake George Site 3 Harris Bay	10/09/2009	14.9	7.20	1.5	0.006	0.03	0.02	0.10	37.77	1	7.15	92		1.00
199.03	Lake George Site 3 Harris Bay	10/21/2009	14.8	8.20	1.5	0.005	0.11	0.03	0.15	60.30	7	7.89	114		1.20
199.03	Lake George Site 3 Harris Bay	6/19/2010	14.5	5.55	1.5	0.008	0.01	0.01	0.19	51.80	2	7.84	133	12.4	1.50
199.03	Lake George Site 3 Harris Bay	7/5/2010	14.6	7.70	1.5	0.007	0.01	0.02	0.18	59.43	2	7.45	132		1.30
199.03	Lake George Site 3 Harris Bay	7/25/2010	14.4	7.55	1.5	0.006	0.02	0.03	0.16	64.00	5	7.87	130		0.90
199.03	Lake George Site 3 Harris Bay	8/8/2010	14.7	7.60	1.5	0.007	0.02	0.02	0.21	62.38	3	8.21	133		1.00
199.03	Lake George Site 3 Harris Bay	8/27/2010	14.0	6.65	1.5	0.006	0.01	0.02	0.30	106.16	5	7.39	136	12.5	1.40
199.03	Lake George Site 3 Harris Bay	9/19/2010	14.0	6.20	1.5	0.007	0.04	0.02	0.18	58.67	10	7.37	139		1.10
199.03	Lake George Site 3 Harris Bay	10/10/2010	14.6	6.20	1.5	0.008	0.03	0.02	0.14	35.78	4	7.30	132		1.10
199.03	Lake George Site 3 Harris Bay	6/19/2011	14.8	7.25	1.5	0.007	0.02	0.04	0.01	1.69	6	6.80	132	11.7	0.90
199.03	Lake George Site 3 Harris Bay	7/4/2011	15.1	7.10	1.5	0.013	0.03	0.02	0.25	41.46	4	7.42	147		0.70
199.03	Lake George Site 3 Harris Bay	7/17/2011	14.8	6.70	1.5	0.005	0.04	0.03	0.13	57.75	4	8.44	138		0.80
199.03	Lake George Site 3 Harris Bay	8/7/2011	14.8	7.30	1.5	0.008	0.02	0.02	0.29	77.54	4	7.21	125		0.90
199.03	Lake George Site 3 Harris Bay	8/21/2011	14.5	6.75	1.5	0.004	0.01	0.01	0.17	89.02		7.63	130	11.5	0.90
199.03	Lake George Site 3 Harris Bay	9/16/2011	14.7	5.90	1.5	0.014	0.02	0.03			5	7.88	122		1.40
199.03	Lake George Site 3 Harris Bay	10/10/2011	14.5	5.95	1.5	0.007	0.05	0.02	0.29	93.18	10	7.65	123		1.50
LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.03	Lake George Site 3 Harris Bay	6/24/2007	14.7		13.2	0.007									
199.03	Lake George Site 3 Harris Bay	7/8/2007	14.2		12.7	0.005									
199.03	Lake George Site 3 Harris Bay	7/22/2007	14.7		13.2	0.007									
199.03	Lake George Site 3 Harris Bay	8/5/2007	14.8		13.3	0.008									
199.03	Lake George Site 3 Harris Bay	8/18/2007	8.3		12.8	0.007									
199.03	Lake George Site 3 Harris Bay	9/2/2007	14.7		13.2	0.010									
199.03	Lake George Site 3 Harris Bay	9/16/2007	14.5		13.0	0.006									
199.03	Lake George Site 3 Harris Bay	9/30/2007	14.8		13.3	0.010									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.03	Lake George Site 3 Harris Bay	6/22/2008			13.5	0.057									
199.03	Lake George Site 3 Harris Bay	7/6/2008			14.0	0.014									
199.03	Lake George Site 3 Harris Bay	7/20/2008			14.0	0.015									
199.03	Lake George Site 3 Harris Bay	7/30/2008			14.0	0.009									
199.03	Lake George Site 3 Harris Bay	8/16/2008			14.0	0.002									
199.03	Lake George Site 3 Harris Bay	9/1/2008			13.5	0.007									
199.03	Lake George Site 3 Harris Bay	9/14/2008			13.5	0.003									
199.03	Lake George Site 3 Harris Bay	10/4/2008			13.5	0.018									
199.03	Lake George Site 3 Harris Bay	07/12/2009	14.8		13.3	0.009									
199.03	Lake George Site 3 Harris Bay	07/26/2009	13.8		12.0	0.013									
199.03	Lake George Site 3 Harris Bay	08/08/2009	14.5		13.0	0.009									
199.03	Lake George Site 3 Harris Bay	08/23/2009	14.4		13.0	0.009									
199.03	Lake George Site 3 Harris Bay	09/06/2009	14.5		13.0	0.014							0.10	0.10	
199.03	Lake George Site 3 Harris Bay	09/20/2009	14.6		13.0	0.007									
199.03	Lake George Site 3 Harris Bay	10/09/2009	14.9		13.5	0.012							0.10	0.10	
199.03	Lake George Site 3 Harris Bay	10/21/2009	14.8		13.0	0.006									
199.03	Lake George Site 3 Harris Bay	6/19/2010	14.5			0.011		0.01							
199.03	Lake George Site 3 Harris Bay	7/25/2010	14.4		13.0	0.010		0.01							
199.03	Lake George Site 3 Harris Bay	8/8/2010	14.7		13.0								0.03		
199.03	Lake George Site 3 Harris Bay	8/27/2010	14.0		14.0	0.007		0.03							
199.03	Lake George Site 3 Harris Bay	9/19/2010	14.0		14.0								0.11		0.34
199.03	Lake George Site 3 Harris Bay	10/10/2010	14.6		13.0	0.010		0.03							
199.03	Lake George Site 3 Harris Bay	6/19/2011	14.8		13.3	0.017		0.04					0.01	0.01	
199.03	Lake George Site 3 Harris Bay	7/17/2011	14.8		13.3	0.011		0.01					0.01	0.01	
199.03	Lake George Site 3 Harris Bay	8/21/2011	14.5		13.5	0.008		0.01					0.01	0.01	0.50
199.03	Lake George Site 3 Harris Bay	10/10/2011	14.5		13.0	0.009		0.02					0.01	0.01	

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.04	L George Site 4-Basin Bay	6/27/2004	18.0	7.60		0.005	0.01	0.01	0.33	148.59	8	6.60	123		0.40
199.04	L George Site 4-Basin Bay	7/11/2004	16.5	8.35		0.023	0.01	0.01	0.25	23.30	9	6.68	34		0.30
199.04	L George Site 4-Basin Bay	7/25/2004	15.5	8.80		0.021	0.02	0.02	0.63	64.59		7.97	131		0.42
199.04	L George Site 4-Basin Bay	8/1/2004	15.0	7.43		0.008	0.02	0.03	0.23	67.39	1	7.65	112		1.30
199.04	L George Site 4-Basin Bay	8/22/2004	14.0	6.30		0.007	0.02	0.01	0.38	127.10	9	7.72	133	13.2	2.19
199.04	L George Site 4-Basin Bay	9/5/2004	13.0	6.30		0.006	0.01	0.01	0.27	106.62	3	8.40	89		1.20
199.04	L George Site 4-Basin Bay	9/19/2004	9.0	6.20		0.008	0.01	0.02			3	6.70	116		2.60
199.04	L George Site 4-Basin Bay	10/3/2004	10.5	7.70		0.004	0.02	0.01	0.41	231.74	22	7.95	107		
199.04	L George Site 4-Basin Bay	6/26/2005	13.5	6.60		0.005	0.01	0.01	0.01	2.23	5	7.20	99	11.8	0.16
199.04	L George Site 4-Basin Bay	7/10/2005	8.5	7.65		0.009	0.04	0.02	0.26	65.88	4	8.00	110		
199.04	L George Site 4-Basin Bay	7/24/2005	15.0	8.25		0.006	0.01	0.01	0.19	73.40	1	6.65	122		0.88
199.04	L George Site 4-Basin Bay	8/8/2005	19.5	7.55		0.006	0.03	0.13	0.35	121.06		7.81	120		0.45
199.04	L George Site 4-Basin Bay	8/21/2005	14.0	5.75		0.006	0.01	0.01	0.01	1.83	5	7.72	123		1.02
199.04	L George Site 4-Basin Bay	9/6/2005	13.5	7.15		0.008	0.01	0.01	0.11	32.59	7	7.72	94	11.1	0.76
199.04	L George Site 4-Basin Bay	9/18/2005	8.5	7.60		0.007	0.01	0.01	0.39	118.38	3	7.92	113		0.34
199.04	L George Site 4-Basin Bay	10/2/2005	12.0	7.05		0.005	0.01	0.01	0.10	41.21	5	7.15	75		0.99
199.04	L George Site 4-Basin Bay	6/18/2006	9.0	7.10		0.004	0.01	0.01	0.31	161.07	11	7.61	122	9.4	1.27
199.04	L George Site 4-Basin Bay	7/4/2006	11.0	6.10		0.006					10	7.17	98		0.86
199.04	L George Site 4-Basin Bay	7/18/2006	10.0	8.65		0.004			0.34	167.79	4	8.42	125		0.53
199.04	L George Site 4-Basin Bay	8/6/2006		9.05		0.007	0.01	0.01	0.60	195.38	2	7.69	135		0.68
199.04	L George Site 4-Basin Bay	8/21/2006	14.5	7.95		0.006	0.04	0.04	0.45	179.81	4	7.97	110	11.6	1.21
199.04	L George Site 4-Basin Bay	9/4/2006	10.5	6.65		0.005			0.29	128.27		7.90	115		1.43
199.04	L George Site 4-Basin Bay	9/18/2006	11.0	7.20		0.007	0.00	0.01	0.41	129.59	9	7.98	59		1.11
199.04	L George Site 4-Basin Bay	9/30/2006	11.0	8.45		0.005	0.02	0.02	0.33	135.86	9	6.93	106		0.32
199.04	L George Site 4-Basin Bay	7/8/2007	14.0	8.20		0.006	0.01	0.03	0.27	94.75	11	7.77	89		0.50
199.04	L George Site 4-Basin Bay	7/28/2007	9.0	7.40		0.005	0.01	0.01	0.38	162.45	15	8.05	119		0.91
199.04	L George Site 4-Basin Bay	8/5/2007	15.0	7.70		0.006	0.01	0.01	0.41	142.22	11	8.33	113		
199.04	L George Site 4-Basin Bay	8/19/2007	24.0	9.90		0.006	0.01	0.01	0.30	103.62	5	7.59	101	12.3	0.78
199.04	L George Site 4-Basin Bay	9/2/2007	15.0	9.00		0.006	0.01	0.04	0.39	149.89	6	8.30	114		1.04
199.04	L George Site 4-Basin Bay	9/16/2007	15.0	7.65		0.008	0.00	0.01	0.37	98.18	7	7.24	113		1.88
199.04	L George Site 4-Basin Bay	9/30/2007	15.0	8.95		0.006	0.02	0.03	1.44	536.69	10	7.91	129		1.26
199.04	L George Site 4-Basin Bay	6/28/2008	14.5	8.25		0.005	0.00	0.06	0.19	78.95	2	8.26	132	10.5	0.94
199.04	L George Site 4-Basin Bay	7/12/2008	13.0	9.90		0.005	0.01	0.01	0.12	57.26	6	8.39	116		
199.04	L George Site 4-Basin Bay	7/27/2008	14.5	5.95		0.005	0.02	0.01	0.13	55.76	5	8.19	97		1.18
199.04	L George Site 4-Basin Bay	8/10/2008	13.0	8.20		0.004	0.02	0.02	0.13	73.88	6	7.35	105		1.20
199.04	L George Site 4-Basin Bay	8/31/2008	12.0	**10.75**		0.006	0.01		0.21	83.64	3	8.15	109	10.9	0.42
199.04	L George Site 4-Basin Bay	9/16/2008	13.0	8.45		0.005	0.01	0.02	0.16	67.72	3	7.28	106		0.90
199.04	L George Site 4-Basin Bay	9/28/2008	15.5	8.00		0.005	0.01	0.01	0.16	65.34	5	7.43	113		0.32
199.04	L George Site 4-Basin Bay	10/12/2008	12.0	8.95		0.004	0.01	0.01	0.13	64.49	5	7.17	123		0.53
199.04	L George Site 4-Basin Bay	06/29/2009	14.0	8.65		0.005	0.05	0.03	0.12	52.71	7	8.30	120	11.9	0.82
199.04	L George Site 4-Basin Bay	07/12/2009	12.5	8.80		0.005	0.01	0.01	0.11	45.63	12	7.54	31		0.68
199.04	L George Site 4-Basin Bay	08/02/2009	11.5	6.75		0.007	0.02	0.01	0.13	38.19	11	8.66	89		0.84
199.04	L George Site 4-Basin Bay	08/09/2009	15.0	7.10		0.006	0.01	0.01	0.14	51.21	10	8.43	94		0.60
199.04	L George Site 4-Basin Bay	08/23/2009	13.5	9.00		0.006	0.01	0.01	0.15	58.40	12	7.95	87	14.8	0.90
199.04	L George Site 4-Basin Bay	09/09/2009	14.0	9.65		0.005	0.01	0.01	0.12	51.76	12	7.23	99		0.70
199.04	L George Site 4-Basin Bay	09/20/2009	15.0	7.75		0.007		0.02	0.17	57.33	17	7.72	121		0.65
199.04	L George Site 4-Basin Bay	10/04/2009	14.0	7.50		0.006	0.01	0.01	0.09	30.25	6	7.73	103		1.34
199.04	L George Site 4-Basin Bay	6/26/2010	21.0	8.55		0.006	0.01	0.02	0.27	106.00	4	7.83	130	13.1	1.00
199.04	L George Site 4-Basin Bay	7/12/2010	16.0	8.40	1.5	0.004	0.02	0.02	0.29	147.00	6	7.86	139		0.50
199.04	L George Site 4-Basin Bay	7/24/2010	15.0	9.30		0.005	0.04	0.08	0.17	69.81	6	8.47	132		0.80
199.04	L George Site 4-Basin Bay	8/8/2010	17.5	7.80		0.005	0.02	0.02	0.13	58.08	1	8.16	129		1.00
199.04	L George Site 4-Basin Bay	8/23/2010	13.0	8.25		0.008	0.01	0.03	0.14	35.88	4	7.45	132	12.4	1.10
199.04	L George Site 4-Basin Bay	9/18/2010	15.5	8.25		0.006	0.02	0.01	0.35	124.55	6	7.66	143		0.30
199.04	L George Site 4-Basin Bay	9/26/2010	15.5	8.25		0.002	0.02	0.04	0.15	192.82	2	8.26	134		0.10
199.04	L George Site 4-Basin Bay	10/11/2010	16.5	7.70		0.006	0.04	0.03	0.12	44.00	6	7.46	133		0.70
199.04	L George Site 4-Basin Bay	6/5/2011	13.0	6.25		0.006	0.01	0.02	0.10	36.92	6	7.54	119	11.0	0.80
199.04	L George Site 4-Basin Bay	6/20/2011	13.0	6.25		0.005	0.11	0.04	0.09	42.60	5	6.31	169		0.80
199.04	L George Site 4-Basin Bay	7/10/2011	13.0	9.00		0.005	0.02	0.02	0.14	58.26	5	7.79	129		0.70
199.04	L George Site 4-Basin Bay	7/23/2011	14.0	7.70		0.005	0.01	0.02	0.35	170.13	5	8.45	128		0.80
199.04	L George Site 4-Basin Bay	8/7/2011	16.5	9.45		0.005	0.02	0.03	0.15	61.77	3	7.18	125	11.5	0.10
199.04	L George Site 4-Basin Bay	8/26/2011	16.0	8.75		0.016	0.01	0.03	0.24	32.73	4	7.25	121		1.00
199.04	L George Site 4-Basin Bay	9/16/2011				0.006	0.02	0.02	0.15	56.52	8	6.90	120		0.70
199.04	L George Site 4-Basin Bay	10/9/2011	17.0	7.10		0.021	0.03	0.03	0.19	19.73	8	7.51	119		1.10
199.04	L George Site 4-Basin Bay	7/1/2012	15.0	9.60		0.010	0.02	0.01	0.13	28.38	5	8.50	115	12.2	0.90
199.04	L George Site 4-Basin Bay	7/9/2012	15.0	9.40		0.007	0.01	0.02	0.15	45.21	5	8.74	119		1.00
199.04	L George Site 4-Basin Bay	8/4/2012	17.0	7.85		0.006	0.01	0.01	0.15	58.15	4	8.48	121		0.70

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.04	L George Site 4-Basin Bay	8/16/2012	17.0	8.20		0.004	0.01	0.01	0.16	85.32	9	7.66	122		0.60
199.04	L George Site 4-Basin Bay	8/26/2012	17.5	8.60		0.005	0.01	0.06			4	8.44	124	12.8	0.70
199.04	L George Site 4-Basin Bay	9/9/2012	17.5	8.80		0.006	0.06	0.04	0.11	36.67	1	7.75	117		0.70
199.04	L George Site 4-Basin Bay	9/23/2012	17.7	7.40		0.005	0.01	0.01	0.14	62.04	6	7.88	134		1.20
199.04	L George Site 4-Basin Bay	10/7/2012	15.0	7.05		0.008	0.02	0.03	0.17	49.50	4	8.32	118		1.80
199.04	L George Site 4-Basin Bay	6/10/2013	18.0	8.80	1.5	0.006	0.02	0.03	0.21	84.07	6	8.07	114		0.60
199.04	L George Site 4-Basin Bay	6/24/2013	19.0	9.05	1.5	0.004			0.18	104.14	7	7.34	125		0.60
199.04	L George Site 4-Basin Bay	7/8/2013	18.5	8.25	1.5	0.005	0.01	0.01			4	7.83	123		0.80
199.04	L George Site 4-Basin Bay	7/22/2013	19.0	8.45	1.5	0.005					3	7.85	123		0.70
199.04	L George Site 4-Basin Bay	8/7/2013				0.004	0.02	0.04	0.13	68.10	7	7.93	124		
199.04	L George Site 4-Basin Bay	8/20/2013	19.0	8.90	1.5	0.004			0.30	186.03	3	8.03	128		0.70
199.04	L George Site 4-Basin Bay	9/9/2013	18.5	8.15	1.5	0.005	0.01	0.02	0.28	116.51	9	7.17	128		0.80
199.04	L George Site 4-Basin Bay	7/6/2014	18.5	7.70	1.5	0.009	0.01	0.03	0.22	54.51	6	7.88	127	7.8	0.40
199.04	L George Site 4-Basin Bay	7/19/2014	19.0	9.50	1.5	0.010			0.14	31.68	6	7.11	119		1.40
199.04	L George Site 4-Basin Bay	7/31/2014	18.5	8.40	1.5	0.006	0.01	0.02	0.18	62.10	2	7.82	123		1.40
199.04	L George Site 4-Basin Bay	8/10/2014	19.0	8.90	1.5	0.004			0.18	90.05	2	7.54	125		0.30
199.04	L George Site 4-Basin Bay	8/24/2014	20.0	8.10	1.5	0.005	0.01		0.21	98.77	4	7.77	127	10.8	1.60
199.04	L George Site 4-Basin Bay	9/2/2014	20.0	7.30	1.5	0.005			0.17	73.92	2	7.34	133		1.40
199.04	L George Site 4-Basin Bay	9/14/2014	19.0	7.90	1.5	0.009	0.01	0.05	0.13	32.38	6	7.73	129		1.60
199.04	L George Site 4-Basin Bay	9/27/2014	16.0	8.10	1.5	0.005			0.14	63.25	2	7.52	130		0.05
LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.04	L George Site 4-Basin Bay	6/27/2004	18.0		16.5	0.002	0.01	0.01	0.53	561.88					
199.04	L George Site 4-Basin Bay	7/11/2004	16.5		15.5	0.007	0.02	0.01	0.32	95.06					
199.04	L George Site 4-Basin Bay	7/25/2004	15.5		14.5	0.005	0.25	0.02	0.45	184.74					
199.04	L George Site 4-Basin Bay	8/1/2004	15.0		14.0	0.004	0.01	0.02	0.25	154.01					
199.04	L George Site 4-Basin Bay	8/22/2004	14.0		13.0	0.006	0.01	0.02	0.76	284.11					
199.04	L George Site 4-Basin Bay	9/5/2004	13.0		13.0	0.006	0.01	0.01	0.40	149.27					
199.04	L George Site 4-Basin Bay	9/19/2004	9.0		8.0	0.007	0.01	0.01	0.26	79.61					
199.04	L George Site 4-Basin Bay	10/3/2004	10.5		9.5	0.005	0.02	0.01	0.43	192.52					
199.04	L George Site 4-Basin Bay	6/26/2005	13.5			0.009									
199.04	L George Site 4-Basin Bay	7/10/2005	8.5			0.007									
199.04	L George Site 4-Basin Bay	7/24/2005	15.0			0.013									
199.04	L George Site 4-Basin Bay	8/8/2005	19.5			0.011									
199.04	L George Site 4-Basin Bay	8/21/2005	14.0			0.005									
199.04	L George Site 4-Basin Bay	9/6/2005	13.5			0.007									
199.04	L George Site 4-Basin Bay	9/18/2005	8.5			0.007									
199.04	L George Site 4-Basin Bay	10/2/2005	12.0			0.005									
199.04	L George Site 4-Basin Bay	6/18/2006	9.0		7.5	0.007									
199.04	L George Site 4-Basin Bay	7/4/2006	11.0		9.5	0.008									
199.04	L George Site 4-Basin Bay	7/18/2006	10.0		8.5	0.007									
199.04	L George Site 4-Basin Bay	8/6/2006			12.5	0.006									
199.04	L George Site 4-Basin Bay	8/21/2006	14.5		13.0	0.007									
199.04	L George Site 4-Basin Bay	9/4/2006	10.5			0.004									
199.04	L George Site 4-Basin Bay	9/18/2006	11.0		9.5	0.007									
199.04	L George Site 4-Basin Bay	9/30/2006	11.0		9.5	0.005									
199.04	L George Site 4-Basin Bay	6/24/2007	14.0		12.5	0.005									
199.04	L George Site 4-Basin Bay	7/8/2007	14.0		12.5	0.007									
199.04	L George Site 4-Basin Bay	7/28/2007	9.0		7.5	0.006									
199.04	L George Site 4-Basin Bay	8/5/2007	15.0		13.5	0.007									
199.04	L George Site 4-Basin Bay	8/19/2007	24.0		22.2	0.009									
199.04	L George Site 4-Basin Bay	9/2/2007	15.0		13.5	0.005									
199.04	L George Site 4-Basin Bay	9/16/2007	15.0		13.5	0.005									
199.04	L George Site 4-Basin Bay	9/30/2007	15.0		13.5	0.008									
199.04	L George Site 4-Basin Bay	6/28/2008			13.0	0.008									
199.04	L George Site 4-Basin Bay	7/12/2008			11.5	0.010									
199.04	L George Site 4-Basin Bay	7/27/2008			13.0	0.006									
199.04	L George Site 4-Basin Bay	8/10/2008			11.5	0.005									
199.04	L George Site 4-Basin Bay	8/31/2008			10.5	0.004									
199.04	L George Site 4-Basin Bay	9/16/2008			11.5	0.008									
199.04	L George Site 4-Basin Bay	9/28/2008			14.0	0.004									
199.04	L George Site 4-Basin Bay	10/12/2008			10.5	0.002									
199.04	L George Site 4-Basin Bay	06/29/2009	14.0		12.5	0.003									
199.04	L George Site 4-Basin Bay	07/12/2009	12.5		11.0	0.006									
199.04	L George Site 4-Basin Bay	08/02/2009	11.5		10.0	0.008									
199.04	L George Site 4-Basin Bay	08/09/2009	15.0		13.5	0.009									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.04	L George Site 4-Basin Bay	08/23/2009	13.5		13.5	0.008							0.10	0.10	
199.04	L George Site 4-Basin Bay	09/09/2009	14.0		12.5	0.005									
199.04	L George Site 4-Basin Bay	09/20/2009	15.0		13.5	0.009							0.10	0.10	
199.04	L George Site 4-Basin Bay	10/04/2009	14.0		12.5	0.010									
199.04	L George Site 4-Basin Bay	6/26/2010	21.0		19.5	0.008		0.05							
199.04	L George Site 4-Basin Bay	7/24/2010	15.0		13.5	0.012		0.02							
199.04	L George Site 4-Basin Bay	8/8/2010	17.5		14.5										0.34
199.04	L George Site 4-Basin Bay	8/23/2010	13.0		11.5	0.005		0.03							
199.04	L George Site 4-Basin Bay	9/18/2010	15.5		14.0								0.08		
199.04	L George Site 4-Basin Bay	9/26/2010	15.5		14.0			0.02							1.00
199.04	L George Site 4-Basin Bay	10/11/2010	16.5		15.0								0.11		
199.04	L George Site 4-Basin Bay	6/5/2011	13.0	6.25	11.5	0.008		0.05					0.01	0.01	
199.04	L George Site 4-Basin Bay	7/10/2011	13.0	9.00	11.5	0.008		0.02					0.01	0.01	
199.04	L George Site 4-Basin Bay	8/7/2011	16.5	9.45	15.0	0.016		0.02					0.01	0.01	1.00
199.04	L George Site 4-Basin Bay	9/16/2011				0.005		0.02					0.01	0.01	0.50
199.04	L George Site 4-Basin Bay	7/1/2012			13.5	0.006		0.03							
199.04	L George Site 4-Basin Bay	7/9/2012			13.5								0.03	0.02	
199.04	L George Site 4-Basin Bay	8/4/2012			15.5	0.007		0.01							
199.04	L George Site 4-Basin Bay	8/16/2012			15.5								0.03	0.02	
199.04	L George Site 4-Basin Bay	8/26/2012			16.0	0.006		0.03							
199.04	L George Site 4-Basin Bay	9/9/2012			16.0								0.03	0.02	0.50
199.04	L George Site 4-Basin Bay	9/23/2012			16.2	0.006		0.02							
199.04	L George Site 4-Basin Bay	10/7/2012			13.5								0.03	0.02	0.50
199.04	L George Site 4-Basin Bay	6/10/2013			16.5	0.005		0.03							
199.04	L George Site 4-Basin Bay	6/24/2013			17.5										
199.04	L George Site 4-Basin Bay	7/8/2013			17.0	0.006									
199.04	L George Site 4-Basin Bay	7/22/2013			17.5										
199.04	L George Site 4-Basin Bay	8/7/2013				0.006		0.04							
199.04	L George Site 4-Basin Bay	8/20/2013			17.5										
199.04	L George Site 4-Basin Bay	9/9/2013			17.0	0.006		0.02							
199.04	L George Site 4-Basin Bay	9/26/2013			18.0										
199.04	L George Site 4-Basin Bay	7/6/2014			17.0	0.010		0.04							
199.04	L George Site 4-Basin Bay	7/19/2014			17.5	0.008									
199.04	L George Site 4-Basin Bay	7/31/2014			17.0	0.005		0.05							
199.04	L George Site 4-Basin Bay	8/10/2014			17.5	0.005									
199.04	L George Site 4-Basin Bay	8/24/2014			18.5	0.006		0.06							
199.04	L George Site 4-Basin Bay	9/2/2014			18.5	0.005									
199.04	L George Site 4-Basin Bay	9/14/2014			17.5	0.005		0.02							
199.04	L George Site 4-Basin Bay	9/27/2014			14.5	0.006									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.5	L George Site 5	6/28/2004	23.0	9.50		0.006			0.81		7	7.04	112		0.5
199.5	L George Site 5	8/14/2004		6.50	2.0	0.009	0.01	0.01	0.15	17.57	21	7.02	85.3		
199.5	L George Site 5	6/28/2004	23.0			0.017	0.02	0.01	0.67	39.53					
199.5	L George Site 5	8/14/2004			20.0	0.007	0.03	0.01	0.18	28.09					

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.06	L George Site 6 Crown Island	6/29/2004	19.5	4.50		0.006		0.01	0.34	132.89	8		101	12.188	0.5
199.06	L George Site 6 Crown Island	7/20/2004	19.5	4.00		0.017	0.01	0.01	0.21	26.42	6	6.85	118		
199.06	L George Site 6 Crown Island	8/3/2004	19.5	6.75		0.022	0.01	0.02	0.19	19.27		8.51	127		1.0
199.06	L George Site 6 Crown Island	6/28/2005	20.1	8.00		0.013	0.01	0.33	1.04	179.75	4	7.75	119	12.1	0.2
199.06	L George Site 6 Crown Island	7/12/2005	18.3	8.50		0.009	0.05	0.02	0.21	51.52	1	7.70	109		
199.06	L George Site 6 Crown Island	7/19/2005	19.5	7.00		0.016	0.01	0.01	0.18	26.08	5	7.58	203		0.2
199.06	L George Site 6 Crown Island	7/26/2005	18.3	9.50		0.016	0.01	0.01	0.23	32.42		7.34	118		0.1
199.06	L George Site 6 Crown Island	8/23/2005	18.3	8.50		0.011	0.01	0.01	0.16	30.55	5	7.81	100		0.1
199.06	L George Site 6 Crown Island	9/12/2005	18.3	7.50		0.010	0.01	0.01	0.17	39.87	3	7.38	112		0.1
199.06	L George Site 6 Crown Island	7/8/2007	20.5	11.25	1.5	0.016	0.01	0.01	0.26	36.45	6	7.61	124	11.7	0.10
199.06	L George Site 6 Crown Island	7/14/2007	20.5	9.80	1.5	0.004	0.01	0.02	0.33	194.6	11	7.67	153		0.14
199.06	L George Site 6 Crown Island	7/21/2007	20.5	9.70	1.5	0.005	0.01	0.01	0.42	180.2	10	7.39	116		0.38
199.06	L George Site 6 Crown Island	7/29/2007	20.0	8.88	1.5	0.007	0.03	0.02	0.38	121.3	8	7.54	117		0.27
199.06	L George Site 6 Crown Island	8/11/2007	20.0	12.25	1.5	0.008	0.00	0.01	0.51	140.1	7	7.32	125	12.2	0.10
199.06	L George Site 6 Crown Island	8/15/2007	20.0	9.10	1.5	0.007	0.01	0.01	0.35	105.0	9	7.80	114		0.13
199.06	L George Site 6 Crown Island	8/18/2007	20.0	10.10	1.5	0.005	0.01	0.01	0.33	150.0	5	7.51	99		0.10
199.06	L George Site 6 Crown Island	8/26/2007	20.0	9.80	1.5	0.030	0.00	0.01	0.42	30.85	39	8.08	117		0.10
199.06	L George Site 6 Crown Island	6/21/2008	11.5	7.80	1.5	0.018	0.04	0.01	0.24	30.53	4	7.59	96	11.5	0.10
199.06	L George Site 6 Crown Island	7/7/2008	20.0	9.70		0.009	0.00	0.01	0.18	44.05	6	7.35	119		0.20
199.06	L George Site 6 Crown Island	7/21/2008	20.0	9.30		0.005	0.03	0.02	0.12	50.38	3	7.57	96		0.10
199.06	L George Site 6 Crown Island	8/2/2008	21.0	8.90		0.004	0.01	0.01	0.13	67.78	6	7.26	119		0.32
199.06	L George Site 6 Crown Island	8/17/2008	20.5	8.70		0.005	0.00	0.03	0.11	55.60	8	8.30	100	11.1	0.27
199.06	L George Site 6 Crown Island	9/13/2008	21.0	8.00	1.5	0.009	0.02	0.03	0.12	31.76	6	6.95	115		0.32
199.06	L George Site 6 Crown Island	9/28/2008	20.0	9.60	1.5	0.005	0.01	0.00	0.13	60.66	10	8.03	105		0.21
199.06	L George Site 6 Crown Island	10/11/2008	21.0	9.10	1.5	0.007	0.03	0.01	0.14	46.22		7.61	121		0.27
199.06	L George Site 6 Crown Island	07/31/2009	19.0	8.95	1.5	0.005	0.02	0.01	0.13	54.58	15	9.32	74	11.7	0.10
199.06	L George Site 6 Crown Island	08/08/2009	19.0	8.60	1.5	0.006	0.05	0.02	0.11	43.24	11	8.42	92		0.10
199.06	L George Site 6 Crown Island	08/17/2009	19.0	10.20	1.5	0.010	0.01	0.01	0.12	25.84	13	8.32	85		0.10
199.06	L George Site 6 Crown Island	08/31/2009	19.0	9.90	1.5		0.01	0.01	0.09	4.34	12	8.25	103		0.10
199.06	L George Site 6 Crown Island	09/13/2009	19.0	9.60	1.5	0.008	0.04	0.01	0.16	44.87	2	7.32	93	11.7	0.10
199.06	L George Site 6 Crown Island	09/20/2009	19.0	11.00	1.5	0.009	0.02	0.01	0.18	42.33	7	7.40	99		0.10
199.06	L George Site 6 Crown Island	10/01/2009	19.0	8.90	1.5	0.005	0.69	0.01	0.12	56.83	8	7.95	101		0.30
199.06	L George Site 6 Crown Island	10/17/2009	19.0	10.10	1.5	0.007			0.15	46.11	3	7.37	107		0.30
199.06	L George Site 6 Crown Island	06/20/2011	50.3	9.00	1.5	0.023	0.01	0.03	0.01	0.47	6	7.24	130	16.4	0.70
199.06	L George Site 6 Crown Island	07/02/2011	50.3	8.60	1.5	0.008	0.03	0.02	0.17	44.81	6	7.68	138		0.90
199.06	L George Site 6 Crown Island	07/12/2011	50.3	9.10	1.5	0.009	0.01	0.01	0.15	35.54	3	8.40	129		0.60
199.06	L George Site 6 Crown Island	07/27/2011	50.3	9.15	1.5	0.009	0.02	0.04	0.14	35.91	8	7.91	130		0.90
199.06	L George Site 6 Crown Island	08/12/2011	50.3	9.40	1.5	0.006	0.14	0.01	0.07	23.06	6	7.77	117	9.8	0.70
199.06	L George Site 6 Crown Island	08/17/2011	50.3	11.05	1.5	0.005	0.17	0.01	0.01	2.12	6	7.09	125		0.50
199.06	L George Site 6 Crown Island	06/15/2012	56.4	10.50	1.5	0.009	0.01	0.03	0.15	35.81	5	7.67	104	9.6	0.80
199.06	L George Site 6 Crown Island	07/09/2012	56.4	10.90	1.5	0.008	0.02	0.03	0.11	32.13	5	7.61	123		0.60
199.06	L George Site 6 Crown Island	07/25/2012	56.4	9.25	1.5	0.007	0.05	0.02	0.13	42.41	17	8.50	115		0.70
199.06	L George Site 6 Crown Island	08/12/2012	56.4	10.60	1.5	0.006	0.04	0.02	0.30	113.98	7	7.27	127		0.70
199.06	L George Site 6 Crown Island	06/15/2013	50.3	11.80	1.5	0.008	0.02	0.02	0.19	53.84	4	7.30	124		0.60
199.06	L George Site 6 Crown Island	06/30/2013	50.3	10.20	1.5	0.006					5	7.77	95		1.00
199.06	L George Site 6 Crown Island	07/07/2013		10.45	1.5	0.005	0.03	0.02	0.04	17.31	4	7.93	74		0.80
199.06	L George Site 6 Crown Island	07/22/2013	41.0	8.50	1.5	0.005			0.27	112.01	5	7.69	121		
199.06	L George Site 6 Crown Island	08/04/2013	41.0	9.85	1.5	0.005	0.02	0.01	0.04	19.89	6	7.82	108		0.40
199.06	L George Site 6 Crown Island	08/10/2013	41.0	9.40	1.5	0.005			0.33	147.11	6	7.38	126		0.40
199.06	L George Site 6 Crown Island	6/16/2014	56.0	10.25	1.5	0.006	0.00	0.06	0.23	84.39	2	6.75	73	10.5	0.40
199.06	L George Site 6 Crown Island	6/23/2014	50.3	10.35	1.5	0.011			0.27	54.90	2	7.98	128		0.90
199.06	L George Site 6 Crown Island	7/11/2014	50.3	10.00	1.5	0.008	0.01	0.04	0.18	47.14	2	7.87	129		0.50
199.06	L George Site 6 Crown Island	7/19/2014	50.3	10.45	1.5	0.011			0.20	38.16	2	7.50	125		0.80
199.06	L George Site 6 Crown Island	7/30/2014	50.3	9.80	1.5	0.005	0.01	0.02	0.17	73.19	2	6.92	103	10.6	1.20
199.06	L George Site 6 Crown Island	8/9/2014	50.3	10.40	1.5	0.011			0.19	39.11	2	7.83	121		0.80
199.06	L George Site 6 Crown Island	7/20/2004	19.5		19.5	0.011	0.02	0.01	0.07	13.89					
199.06	L George Site 6 Crown Island	8/3/2004			0.0	0.004	0.09	0.01	0.37	187.13					
199.06	L George Site 6 Crown Island	6/28/2005	20.1		18.3	0.011									
199.06	L George Site 6 Crown Island	7/12/2005	18.3		15.2	0.014									
199.06	L George Site 6 Crown Island	7/19/2005	19.5		15.2	0.006									
199.06	L George Site 6 Crown Island	7/26/2005	18.3		15.2	0.019									
199.06	L George Site 6 Crown Island	8/23/2005	18.3		15.2	0.007									
199.06	L George Site 6 Crown Island	9/12/2005	18.3		15.2	0.008									
199.06	L George Site 6 Crown Island	7/8/2007	20.5		19.0	0.006									
199.06	L George Site 6 Crown Island	7/14/2007	20.5		19.0	0.015									
199.06	L George Site 6 Crown Island	7/21/2007	20.5		19.0	0.006									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.06	L George Site 6 Crown Island	7/29/2007	20.0		18.5	0.015									
199.06	L George Site 6 Crown Island	8/11/2007	20.0		18.5	0.006									
199.06	L George Site 6 Crown Island	8/15/2007	20.0		18.5	0.010									
199.06	L George Site 6 Crown Island	8/18/2007	20.0		18.5	0.010									
199.06	L George Site 6 Crown Island	8/26/2007	20.0		18.5	0.011									
199.06	L George Site 6 Crown Island	6/21/2008			11.0	0.009									
199.06	L George Site 6 Crown Island	7/7/2008				0.008									
199.06	L George Site 6 Crown Island	7/21/2008			19.4	0.005									
199.06	L George Site 6 Crown Island	8/2/2008			18.9	0.007									
199.06	L George Site 6 Crown Island	8/17/2008			19.0	0.007									
199.06	L George Site 6 Crown Island	9/13/2008			19.0	0.008									
199.06	L George Site 6 Crown Island	9/28/2008			19.0	0.006									
199.06	L George Site 6 Crown Island	10/11/2008			19.0	0.005									
199.06	L George Site 6 Crown Island	07/31/2009	19.0		18.0	0.008		0.01							
199.06	L George Site 6 Crown Island	08/08/2009	19.0		18.0	0.006									
199.06	L George Site 6 Crown Island	08/17/2009	19.0		18.0	0.008		0.01							
199.06	L George Site 6 Crown Island	09/13/2009	19.0		18.0	0.005		0.01					0.10	0.10	
199.06	L George Site 6 Crown Island	09/20/2009	19.0		18.0	0.010									
199.06	L George Site 6 Crown Island	10/01/2009	19.0		18.0	0.006		0.01					0.10	0.10	
199.06	L George Site 6 Crown Island	10/17/2009	19.0		18.0	0.006									
199.06	L George Site 6 Crown Island	07/12/2011	50.3		20.0	0.006		0.01					0.01	0.01	
199.06	L George Site 6 Crown Island	08/12/2011	50.3			0.007		0.01					0.01	0.01	1.00
199.06	L George Site 6 Crown Island	06/15/2012				0.010		0.04							
199.06	L George Site 6 Crown Island	07/09/2012											0.03	0.02	
199.06	L George Site 6 Crown Island	07/25/2012				0.006		0.03							
199.06	L George Site 6 Crown Island	08/12/2012											0.12	0.02	
199.06	L George Site 6 Crown Island	06/15/2013			20.0	0.007		0.02							
199.06	L George Site 6 Crown Island	07/07/2013			20.0	0.011		0.03							
199.06	L George Site 6 Crown Island	08/04/2013			20.0	0.006		0.02							
199.06	L George Site 6 Crown Island	7/19/2014			20.0	0.017									
199.06	L George Site 6 Crown Island	7/30/2014			20.0	0.009		0.04							
199.06	L George Site 6 Crown Island	8/9/2014			20.0	0.007									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.7	Lake George Site 7 Warner Bay	6/17/2007	14.3	5.55	1.5	0.005	0.01	0.02	0.30	138.0	8	8.14	67	11.9	0.10
199.7	Lake George Site 7 Warner Bay	7/2/2007	13.3	5.95	1.5	0.007	0.01	0.06	0.72	226.3	5	8.00	124		0.10
199.7	Lake George Site 7 Warner Bay	8/1/2007	14.0	7.15	1.5	0.006	0.04	0.03	0.33	121.7	7	7.93	144		0.80
199.7	Lake George Site 7 Warner Bay	8/21/2007	13.4	7.15	1.5	0.006	0.01	0.01	0.43	159.7	10	8.43	81		0.92
199.7	Lake George Site 7 Warner Bay	9/14/2007	14.2	7.25	1.5	0.007	0.01	0.01	0.24	74.7	11	7.87	75		0.10
199.7	Lake George Site 7 Warner Bay	6/17/2007	14.3		12.8	0.007									
199.7	Lake George Site 7 Warner Bay	8/1/2007	14.0		12.5	0.005									
199.7	Lake George Site 7 Warner Bay	8/21/2007	13.4			0.006									
199.7	Lake George Site 7 Warner Bay	9/14/2007	14.2		13.0	0.010									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.08	L George Site 8	6/29/2004	21.6	10.7	0.5	0.007									
199.08	L George Site 8	7/11/2004	15.0	10.4	1.5		0.01	0.01	0.38		2	8.65	104		0.60
199.08	L George Site 8	8/29/2004	22.0	8.0		0.003	0.01	0.02	0.44	156.05	3	7.96	97		0.14
199.08	L George Site 8	9/12/2004	25.0	8.0		0.003	0.01	0.01	0.21	63.34	7	8.07	96		0.54
199.08	L George Site 8	7/10/2005	18.0	9.9	0.5	0.004	0.02	0.01	0.26	61.97				13.0	0.46
199.08	L George Site 8	9/4/2005		8.5		0.003	0.01	0.01	0.32	94.49		7.78	116		0.41
199.08	L George Site 8	7/24/2006		9.3		0.002	0.01	0.02			10	8.02	59	7.0	0.01
199.08	L George Site 8	8/21/2006		7.8		0.002	0.02	0.02			5	7.89	116		0.31
199.08	L George Site 8	8/31/2006		8.1		0.005						7.50	100		0.38
199.08	L George Site 8	6/29/2004	21.6		17.7	0.005									
199.08	L George Site 8	7/11/2004	15.0		13.5	0.003	0.01	0.01	0.32	95.71					
199.08	L George Site 8	8/29/2004	22.0		22.0	0.015		0.09	0.44	30.19					
199.08	L George Site 8	9/12/2004				0.010	0.01	0.01	0.41	39.72					
199.08	L George Site 8	7/10/2005	18.0			0.022				0.00					
199.08	L George Site 8	9/4/2005			10.5	0.010				0.00					
199.08	L George Site 8	7/24/2006			17.0	0.009									
199.08	L George Site 8	8/31/2006			~18	0.010									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.11	Lake George Site 11 NW Bay	6/19/2007	22.9	8.25	1.5	0.006	0.00	0.01	0.47	172.1	8	7.07	115	10.9	0.10
199.11	Lake George Site 11 NW Bay	7/3/2007	22.8	11.95	1.5	0.011			0.22	44.2	8	8.00	91		0.69
199.11	Lake George Site 11 NW Bay	7/17/2007	24.0	10.45	1.5	0.010	0.01	0.01	0.33	76.9	5	7.83	107		1.05
199.11	Lake George Site 11 NW Bay	7/25/2007	24.4	9.70	1.5	0.006	0.04	0.06	0.72	258.4	9	8.04	112		0.64
199.11	Lake George Site 11 NW Bay	7/31/2007	21.9	9.25		0.006	0.07	0.01	0.57	197.3	5	7.66	112		0.82
199.11	Lake George Site 11 NW Bay	8/14/2007	22.3	11.75	1.5	0.019	0.00	0.01	0.37	44.1	5	8.04	100	12.1	0.56
199.11	Lake George Site 11 NW Bay	8/28/2007	23.8	10.80	1.5	0.008	0.00	0.01	0.32	86.3	8	8.42	177		0.76
199.11	Lake George Site 11 NW Bay	9/11/2007	24.4	9.20	1.5	0.024	0.01	0.03	0.36	33.1	8	7.55	107		1.03
199.11	Lake George Site 11 NW Bay	7/29/2008	24.0	7.80	1.0	0.022	0.03	0.08	0.14	13.64	7	7.69	92	9.9	1.30
199.11	Lake George Site 11 NW Bay	8/5/2008	24.4	7.65	1.5	0.009	0.01	0.01	0.08	20.73	6	7.67	80		1.10
199.11	Lake George Site 11 NW Bay	8/20/2008	24.4	8.40	1.5	0.006	0.01	0.00	0.13	49.88	27	7.74	77		0.41
199.11	Lake George Site 11 NW Bay	9/3/2008	24.0	10.25	1.5	0.003	0.00	0.01	0.13	112.30	8	7.38	120		0.74
199.11	Lake George Site 11 NW Bay	6/19/2007	22.9		21.3	0.014									
199.11	Lake George Site 11 NW Bay	7/3/2007	22.8		22.8	0.009									
199.11	Lake George Site 11 NW Bay	7/17/2007	24.0		24.0	0.005									
199.11	Lake George Site 11 NW Bay	7/25/2007	24.4		23.7	0.009									
199.11	Lake George Site 11 NW Bay	7/31/2007	21.9		21.5	0.010									
199.11	Lake George Site 11 NW Bay	8/14/2007	22.3		22.3	0.007									
199.11	Lake George Site 11 NW Bay	8/28/2007	23.8		22.9	0.011									
199.11	Lake George Site 11 NW Bay	9/11/2007	24.4		23.8	0.010									
199.11	Lake George Site 11 NW Bay	7/29/2008			23.0	0.010									
199.11	Lake George Site 11 NW Bay	8/5/2008			23.8	0.015									
199.11	Lake George Site 11 NW Bay	8/20/2008			21.3	0.035									
199.11	Lake George Site 11 NW Bay	9/3/2008			23.5	0.006									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.21	L George Site 21 Hulett's Landing	6/29/2004	21.6	10.72	0.5	0.007									
199.21	L George Site 21 Hulett's Landing	7/11/2004	15.0	10.39	1.5		0.01	0.01	0.38		2	8.65	104		0.60
199.21	L George Site 21 Hulett's Landing	8/29/2004	22.0	8.00		0.003	0.01	0.02	0.44	343.31	3	7.96	97		0.14
199.21	L George Site 21 Hulett's Landing	9/12/2004	25.0	8.00		0.003	0.01	0.01	0.21	139.34	7	8.07	96		0.54
199.21	L George Site 21 Hulett's Landing	7/10/2005	18.0	9.85	0.5	0.004	0.02	0.01	0.26	136.33				13.0	0.46
199.21	L George Site 21 Hulett's Landing	9/4/2005		8.50		0.003	0.01	0.01	0.32	207.87		7.78	116		0.41
199.21	L George Site 21 Hulett's Landing	7/24/2006		9.25		0.002	0.01	0.02	0.30	443.12	10	8.02	59	7.0	0.01
199.21	L George Site 21 Hulett's Landing	8/21/2006		7.80		0.002	0.02	0.02			5	7.89	116		0.31
199.21	L George Site 21 Hulett's Landing	8/31/2006		8.05		0.005			0.75	336.85		7.50	100		0.38
199.21	L George Site 21 Hulett's Landing	7/15/2007	22.9	9.00	1.5	0.003	0.01	0.02	0.32	223.68	5	7.77	77	12.4	0.38
199.21	L George Site 21 Hulett's Landing	7/26/2007		7.25		0.003	0.04	0.01	0.40	305.86	2	8.21	117		0.54
199.21	L George Site 21 Hulett's Landing	8/5/2007		10.45		0.003	0.01	0.03	0.52	358.98	5	7.51	134		0.33
199.21	L George Site 21 Hulett's Landing	8/12/2007		9.75		0.005	0.00	0.01	0.36	148.92	5	8.09	116		0.52
199.21	L George Site 21 Hulett's Landing	8/26/2007		7.61		0.004		0.07			7	7.52	113	12.6	0.22
199.21	L George Site 21 Hulett's Landing	9/3/2007		9.15		0.003	0.01	0.01	0.39	269.06	5	8.11	108		0.10
199.21	L George Site 21 Hulett's Landing	9/14/2007		8.05		0.003	0.00	0.01	0.33	231.43	5	7.46	109		0.62
199.21	L George Site 21 Hulett's Landing	7/11/2008		7.50		0.006	0.01	0.01	0.28	113.08	11	7.74	116	11.1	0.10
199.21	L George Site 21 Hulett's Landing	7/22/2008	25.0	10.60		0.002	0.01	0.01	0.22	238.33	3	7.28	82		0.65
199.21	L George Site 21 Hulett's Landing	8/1/2008	25.0	9.30		0.012	0.01	0.16	0.36	68.59	5	8.50	112		0.66
199.21	L George Site 21 Hulett's Landing	8/17/2008	25.0	9.60		0.005	0.01	0.02	0.12	53.15	8	7.76	104		0.28
199.21	L George Site 21 Hulett's Landing	8/26/2008		9.80		0.002	0.01	0.03	0.22	240.35	6	8.12	106	8.4	0.36
199.21	L George Site 21 Hulett's Landing	07/10/2009	20.0	10.10		0.004	0.01	0.01	0.07	37.19	10	6.86	96	12.2	0.29
199.21	L George Site 21 Hulett's Landing	07/19/2009		9.30		0.003	0.03	0.01	0.25	190.41	1	7.06	91		0.50
199.21	L George Site 21 Hulett's Landing	07/25/2009	30.0	9.00		0.002	0.01	0.01	0.09	87.00	5	7.84	81		0.56
199.21	L George Site 21 Hulett's Landing	08/04/2009	15.0	8.88		0.004	0.01	0.01	0.06	34.10	5	7.66	94		0.50
199.21	L George Site 21 Hulett's Landing	08/18/2009	18.0	8.00		0.002	0.01	0.01	0.05	58.30	5	7.44	99	13.7	0.40
199.21	L George Site 21 Hulett's Landing	09/03/2009	22.0	8.60		0.004	0.01	0.01	0.06	35.44	1	7.34	106		0.40
199.21	L George Site 21 Hulett's Landing	09/13/2009	25.0	11.00		0.003	0.01	0.01	0.07	48.00	7	7.66	79		0.40
199.21	L George Site 21 Hulett's Landing	10/04/2009	25.0	11.10		0.004	0.01	0.01	0.16	98.69	8	6.75	86		0.70
199.21	L George Site 21 Hulett's Landing	6/22/2010	30.0	8.81		0.004	0.02	0.03	0.39	204.81	1	8.21	110	11.3	0.50
199.21	L George Site 21 Hulett's Landing	7/9/2010		9.70		0.006	0.01	0.04	0.11	38.95	1	7.99	118		0.40
199.21	L George Site 21 Hulett's Landing	7/18/2010		9.65		0.003	0.01	0.02	0.19	128.00	2	7.96	121		0.40
199.21	L George Site 21 Hulett's Landing	8/1/2010		9.19		0.003	0.01	0.04	0.12	77.65	5	7.92	110		0.30
199.21	L George Site 21 Hulett's Landing	8/1/2010	grab		bloom										
199.21	L George Site 21 Hulett's Landing	8/9/2010	~30	9.35		0.003	0.01	0.02			3	7.49	110	11.7	0.40
199.21	L George Site 21 Hulett's Landing	8/21/2010		8.85		0.003	0.05	0.12	0.15	98.35	2	7.90	109		0.30
199.21	L George Site 21 Hulett's Landing	8/29/2010		7.85		0.003	0.01	0.02	0.15	97.71	4	6.42	134		0.50
199.21	L George Site 21 Hulett's Landing	9/8/2010		7.30		0.007	0.04	0.01	0.12	41.00	5	7.69	99		0.60
199.21	L George Site 21 Hulett's Landing	10/9/2010	grab		bloom										
199.21	L George Site 21 Hulett's Landing	7/7/2011	25.0	9.10		0.006	0.01	0.02	0.14	49.16	6	7.38	126	10.8	0.20
199.21	L George Site 21 Hulett's Landing	7/20/2011	25.0	9.80		0.003	0.04	0.02	0.08	55.00	7	7.92	99		0.60
199.21	L George Site 21 Hulett's Landing	7/31/2011		9.85		0.005	0.01	0.02	0.20	98.27	7	7.25	126		0.40
199.21	L George Site 21 Hulett's Landing	8/7/2011	30.0	11.24	1.5	0.006	0.01	0.02	0.11	37.87	4	7.05	88		0.30
199.21	L George Site 21 Hulett's Landing	8/17/2011	30.0	10.08		0.005	0.01	0.01	0.01	2.24	11	8.19	113	7.6	0.50
199.21	L George Site 21 Hulett's Landing	9/1/2011	30.0	6.86	1.5	0.005	0.01	0.02	0.18	88.49	5	8.24	105		0.70
199.21	L George Site 21 Hulett's Landing	9/1/2011	grab		bloom										
199.21	L George Site 21 Hulett's Landing	9/11/2011	grab		bloom										
199.21	L George Site 21 Hulett's Landing	9/11/2011		6.45		0.007	0.03	0.02	0.13	39.60	8	7.74	71		0.80
199.21	L George Site 21 Hulett's Landing	9/19/2011		8.90		0.007	0.01	0.05	0.15	50.77	7	7.76	108		1.00
199.21	L George Site 21 Hulett's Landing	6/10/2012	30.0	8.72	1.5	0.006	0.01	0.01			8	6.73	132	11.7	
199.21	L George Site 21 Hulett's Landing	7/9/2012	25.0	9.43	1.5	0.009	0.03	0.01	0.19	44.72	6	6.98	122		
199.21	L George Site 21 Hulett's Landing	7/18/2012	30.0	8.90	1.5	0.008	0.01	0.02			9	8.00	111		0.50
199.21	L George Site 21 Hulett's Landing	7/29/2012	30.0	9.48	1.5	0.004	0.02	0.02	0.19	105.60	7	7.42	121		0.05
199.21	L George Site 21 Hulett's Landing	8/6/2012	30.0	7.50	1.5	0.004	0.01	0.01	0.12	58.50	6	7.21	115		0.50
199.21	L George Site 21 Hulett's Landing	8/16/2012	30.0	8.05	1.5	0.005	0.05	0.03	0.11	54.76	5	7.67	120		0.30
199.21	L George Site 21 Hulett's Landing	8/26/2012	30.0	8.30		0.005	0.02	0.03	0.12	58.04	6	7.01	123		0.50
199.21	L George Site 21 Hulett's Landing	9/9/2012	30.0	7.72		0.005	0.01	0.03			7	6.85	119		1.00
199.21	L George Site 21 Hulett's Landing	7/13/2013	30.0	7.20	3.0	0.008	0.01	0.01	0.16	45.43	5	7.42	123		
199.21	L George Site 21 Hulett's Landing	7/25/2013	30.0	8.15	2.5				0.27		6	7.46	119		
199.21	L George Site 21 Hulett's Landing	8/2/2013	30.0	8.35	2.5	0.005	0.01	0.02	0.35	161.49	7	7.97	127		0.40
199.21	L George Site 21 Hulett's Landing	8/11/2013	30.0	8.35	1.0	0.003			0.33	217.96	7	7.72	134		0.40
199.21	L George Site 21 Hulett's Landing	8/25/2013	30.0	7.55	3.0	0.005	0.01	0.01	0.19	81.96	7	8.16	130		0.30
199.21	L George Site 21 Hulett's Landing	8/29/2013	30.0	10.70	3.0	0.007			2.24	676.49	9	8.42	86		0.40
199.21	L George Site 21 Hulett's Landing	9/6/2013	30.0	9.70	3.0	0.016	0.01	0.01	0.24	33.35	10	7.27	119		1.00
199.21	L George Site 21 Hulett's Landing	9/15/2013	25.0	7.30	3.0	0.004			0.31	161.52	8	7.65	121		0.80

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.21	L George Site 21 Hulett's Landing	6/29/2004	21.6		17.7	0.005									
199.21	L George Site 21 Hulett's Landing	7/11/2004	15.0		13.5	0.003	0.01	0.01	0.32	210.56					
199.21	L George Site 21 Hulett's Landing	8/29/2004	22.0		22.0	0.015		0.09	0.44	66.42					
199.21	L George Site 21 Hulett's Landing	9/12/2004				0.010	0.01	0.01	0.41	87.39					
199.21	L George Site 21 Hulett's Landing	7/10/2005	18.0			0.022									
199.21	L George Site 21 Hulett's Landing	9/4/2005			10.5	0.010									
199.21	L George Site 21 Hulett's Landing	7/24/2006			17.0	0.009									
199.21	L George Site 21 Hulett's Landing	8/31/2006			~18	0.010									
199.21	L George Site 21 Hulett's Landing	7/15/2007	22.9			0.007									
199.21	L George Site 21 Hulett's Landing	7/26/2007			22.8	0.017									
199.21	L George Site 21 Hulett's Landing	8/5/2007				0.013									
199.21	L George Site 21 Hulett's Landing	8/12/2007				0.005									
199.21	L George Site 21 Hulett's Landing	8/26/2007				0.011									
199.21	L George Site 21 Hulett's Landing	9/3/2007				0.019									
199.21	L George Site 21 Hulett's Landing	7/11/2008			22.8	0.007									
199.21	L George Site 21 Hulett's Landing	7/22/2008			18.0	0.003									
199.21	L George Site 21 Hulett's Landing	8/1/2008			10.0	0.007									
199.21	L George Site 21 Hulett's Landing	8/17/2008			18.0	0.012									
199.21	L George Site 21 Hulett's Landing	07/10/2009	20.0		14.0			0.01							
199.21	L George Site 21 Hulett's Landing	07/25/2009	30.0		15.0	0.017		0.01							
199.21	L George Site 21 Hulett's Landing	08/04/2009	15.0		15.0	0.010									
199.21	L George Site 21 Hulett's Landing	08/18/2009	18.0		13.0	0.010		0.01					0.10	0.10	
199.21	L George Site 21 Hulett's Landing	09/03/2009	22.0		20.0	0.007									
199.21	L George Site 21 Hulett's Landing	09/13/2009	25.0		17.0	0.012		0.01					0.10	0.10	
199.21	L George Site 21 Hulett's Landing	10/04/2009	25.0		22.0	0.008									
199.21	L George Site 21 Hulett's Landing	6/22/2010	30.0		13.1	0.009		0.00							
199.21	L George Site 21 Hulett's Landing	7/18/2010			21.0	0.012		0.00							
199.21	L George Site 21 Hulett's Landing	8/9/2010	~30		26-30	0.013		0.01							0.34
199.21	L George Site 21 Hulett's Landing	8/29/2010			~20	0.050		0.02							0.34
199.21	L George Site 21 Hulett's Landing	7/7/2011	25.0		21.0	0.011		0.03					0.01	0.04	
199.21	L George Site 21 Hulett's Landing	7/31/2011			10.0	0.005		0.01					0.01	0.01	
199.21	L George Site 21 Hulett's Landing	8/17/2011	30.0		15.0	0.006		0.01					0.01	0.01	1.00
199.21	L George Site 21 Hulett's Landing	9/11/2011			20.0	0.009		0.03					0.01	0.01	1.00
199.21	L George Site 21 Hulett's Landing	6/10/2012			13.0	0.011		0.01							
199.21	L George Site 21 Hulett's Landing	7/9/2012			13.0								0.03	0.02	
199.21	L George Site 21 Hulett's Landing	7/18/2012			15.0	0.009		0.02							
199.21	L George Site 21 Hulett's Landing	7/29/2012			14.0								0.03	0.02	
199.21	L George Site 21 Hulett's Landing	8/6/2012			18.0	0.009		0.01							
199.21	L George Site 21 Hulett's Landing	8/16/2012			15.0								0.15	0.02	0.50
199.21	L George Site 21 Hulett's Landing	8/26/2012			17.0	0.008		0.03							
199.21	L George Site 21 Hulett's Landing	9/9/2012			17.5								0.03	0.02	0.50
199.21	L George Site 21 Hulett's Landing	7/13/2013			16.0	0.030		0.01							
199.21	L George Site 21 Hulett's Landing	7/25/2013													
199.21	L George Site 21 Hulett's Landing	8/2/2013			12.0	0.005		0.02							
199.21	L George Site 21 Hulett's Landing	8/11/2013			20.0										
199.21	L George Site 21 Hulett's Landing	8/25/2013				0.007		0.02							
199.21	L George Site 21 Hulett's Landing	8/29/2013			20.0										
199.21	L George Site 21 Hulett's Landing	9/6/2013			19.5	0.006		0.01							
199.21	L George Site 21 Hulett's Landing	9/15/2013			24.5										

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.23	L George Site 23-Gull Bay	6/19/2007	10.5	7.35		0.004	0.00	0.01	0.29	156.7	21	7.14	66	10.4	0.79
199.23	L George Site 23-Gull Bay	7/3/2007	20.0	8.60		0.006	0.08	0.04	0.48	177.6	0	8.54	103		0.21
199.23	L George Site 23-Gull Bay	7/16/2007	16.5	12.25		0.006	0.00	0.01	0.26	91.8	4	8.07	109		0.79
199.23	L George Site 23-Gull Bay	8/1/2007	16.4	10.15		0.005	0.01	0.01	0.53	216.4	6	7.91	105		0.70
199.23	L George Site 23-Gull Bay	8/20/2007	16.3	12.05		0.007	0.01	0.01	0.64	215.8	8	8.37	128	12.4	0.10
199.23	L George Site 23-Gull Bay	8/31/2007	17.3	10.40		0.007	0.01	0.01	0.55	175.4	5	8.24	90		0.49
199.23	L George Site 23-Gull Bay	9/12/2007	12.5	8.55		0.003	0.00	0.01	0.45	352.8	7	8.00	123		0.49
199.23	L George Site 23-Gull Bay	10/3/2007	17.6	10.70			0.04	0.01	0.49		5	7.99	327		0.72
199.23	L George Site 23-Gull Bay	6/29/2008	18.0	8.95	1.5	0.004	0.00	0.01	0.21	114.56	4	6.95	91	11.1	0.10
199.23	L George Site 23-Gull Bay	7/14/2008	16.0	8.95	1.5	0.005	0.02	0.02	0.08	36.23	20	7.46	121		
199.23	L George Site 23-Gull Bay	7/28/2008	17.5	9.75	1.5	0.006	0.01	0.01	0.20	71.90	3	7.80	82		0.66
199.23	L George Site 23-Gull Bay	8/12/2008	18.4	11.15	1.5	0.003	0.01	0.02	0.11	84.95	11	7.46	118		0.91
199.23	L George Site 23-Gull Bay	8/31/2008	14.5	10.00	1.5	0.008	0.00	0.01	0.15	44.41	5		112	11.1	0.49
199.23	L George Site 23-Gull Bay	9/16/2008	18.1	11.05	1.5	0.008	0.01	0.02	0.12	34.92	7	7.20	92		0.10
199.23	L George Site 23-Gull Bay	9/27/2008	17.2	11.15	1.5	0.005	0.01	0.01	0.14	57.60	40	6.76	110		0.57
199.23	L George Site 23-Gull Bay	10/8/2008	17.3	11.00	1.5	0.004	0.01	0.00	0.13	64.62	10	7.52	115		0.85
199.23	L George Site 23-Gull Bay	07/05/2009	15.0	11.35		0.007	0.00	0.01	0.17	51.75	3	7.14	103	12.4	0.34
199.23	L George Site 23-Gull Bay	07/16/2009		11.50	1.5	0.005	0.03	0.02	0.09	42.09	8	7.72	63		0.46
199.23	L George Site 23-Gull Bay	08/03/2009		11.95	1.5	0.004		0.01	0.17	82.50	3	8.13	108		0.80
199.23	L George Site 23-Gull Bay	08/17/2009	20.0	10.00	1.5	0.003	0.01	0.01	0.08	54.67	7	7.81	97		0.60
199.23	L George Site 23-Gull Bay	09/02/2009	20.0	**13.55**	1.5	0.005		0.03	0.06	26.49	4	7.76	91	11.8	0.60
199.23	L George Site 23-Gull Bay	09/15/2009	20.0	10.10	1.5	0.003	0.01	0.01	0.10	68.84	4	7.00	99		0.50
199.23	L George Site 23-Gull Bay	09/28/2009	20.0	11.05	1.5	0.004		0.02	0.07	39.84	7	7.47	129		0.68
199.23	L George Site 23-Gull Bay	10/04/2009	20.0	8.10	1.5	0.003	0.01	0.01	0.20	136.81	3	7.97	103		0.70
199.23	L George Site 23-Gull Bay	6/20/2010	20.0	**12.40**	1.5	0.006	0.04	0.01	0.22	78.06	4	7.57	131	14.0	0.60
199.23	L George Site 23-Gull Bay	7/9/2010	21.0	12.15	1.5	0.006	0.01	0.07	0.17	67.20	1	7.67	131		0.30
199.23	L George Site 23-Gull Bay	7/24/2010	20.0	10.55	1.5	0.006	0.01	0.01	0.16	55.35	3	7.75	127		0.40
199.23	L George Site 23-Gull Bay	8/9/2010	21.0	9.60	1.5	0.007	0.01	0.01	0.03	8.41	2	7.77	141		0.40
199.23	L George Site 23-Gull Bay	8/24/2010	20.0	9.50	1.5		0.02	0.07	0.21		8	8.10	134	12.7	0.30
199.23	L George Site 23-Gull Bay	9/10/2010	18.0	9.25	1.5	0.009	0.01	0.02	0.19	45.17	1	7.31	134		0.40
199.23	L George Site 23-Gull Bay	9/26/2010	20.0	9.75	1.5	0.007	0.03	0.02	0.13	43.00	1	7.66	138		0.40
199.23	L George Site 23-Gull Bay	10/12/2010	20.5	11.85	1.5	0.010	0.30	0.09	0.18	37.96	1	7.27	129		0.60
199.23	L George Site 23-Gull Bay	6/19/2011	15.0	10.55	1.5	0.004	0.01	0.03	0.15	82.63	1	7.87	134	11.5	0.30
199.23	L George Site 23-Gull Bay	7/5/2011	15.0	11.30	1.5	0.009	0.01	0.01	0.19	47.71	9	8.33	129		0.20
199.23	L George Site 23-Gull Bay	7/21/2011	20.0	9.50	1.5	0.009	0.02	0.01	0.01	1.28	3	8.21	121		0.20
199.23	L George Site 23-Gull Bay	8/7/2011		9.70	1.5	0.010	0.02	0.02	0.20	45.85	4	7.09	128		0.10
199.23	L George Site 23-Gull Bay	8/22/2011		11.35	1.5	0.004	0.01	0.06	0.16	83.81	4	7.99	123	12.1	0.80
199.23	L George Site 23-Gull Bay	9/2/2011	20.0	8.50	1.5	0.011	0.07	0.02	0.14	28.60		7.62	121		0.40
199.23	L George Site 23-Gull Bay	9/18/2011	23.0	10.25	1.5	0.014	0.01	0.02	0.13	20.39	5	7.60	117		0.60
199.23	L George Site 23-Gull Bay	10/3/2011	27.0	8.90	1.5	0.007	0.01	0.01	0.16	51.22	8	7.22	123		0.05
199.23	L George Site 23-Gull Bay	6/11/2012	28.0	10.55	1.5	0.005	0.04	0.04	0.33	141.92	3	7.10	123	12.0	
199.23	L George Site 23-Gull Bay	6/28/2012	26.0	10.10	1.5	0.004	0.01	0.02	0.18	110.61	5	6.77	125		
199.23	L George Site 23-Gull Bay	7/14/2012	25.0	8.75	1.5	0.003	0.02	0.02	0.09	58.67	5	7.47	125		0.40
199.23	L George Site 23-Gull Bay	7/29/2012	20.0	8.50	1.5	0.005	0.01	0.02	0.24	98.38	1	7.80	114		0.50
199.23	L George Site 23-Gull Bay	8/16/2012	21.0	11.35	1.5	0.006	0.01	0.01	0.15	53.07	1	7.79	123	12.5	0.60
199.23	L George Site 23-Gull Bay	8/31/2012				0.008	0.01	0.03	0.10	27.04	3	7.30	107		0.90
199.23	L George Site 23-Gull Bay	9/20/2012	22.0	8.95	1.5	0.005	0.01	0.02	0.37	162.80	4	7.53	125		0.70
199.23	L George Site 23-Gull Bay	10/2/2012	23.0	9.05	1.5	0.005	0.01	0.01	0.13	60.38	4	7.05	114		1.00
199.23	L George Site 23-Gull Bay	6/17/2013	20.0	10.20	1.5	0.003	0.03	0.01	0.32	237.60	1	7.35	123		0.50
199.23	L George Site 23-Gull Bay	7/3/2013	20.0	13.15	1.5	0.004			0.19		5	7.75	123		0.30
199.23	L George Site 23-Gull Bay	7/18/2013	20.0	10.45	1.5	0.003	0.01	0.01	0.04	32.24	5	8.00	125		0.40
199.23	L George Site 23-Gull Bay	8/8/2013	20.0	10.40	1.5	0.004			0.76	475.93	7	8.48	111		
199.23	L George Site 23-Gull Bay	8/21/2013	21.0	9.95	1.5	0.003	0.01	0.01	7.42	6274.23	9	7.88	129		0.60
199.23	L George Site 23-Gull Bay	9/2/2013	25.0	9.70	1.5	0.003			0.29	207.85	8	7.13	125		0.50
199.23	L George Site 23-Gull Bay	9/12/2013	30.0	10.00	1.5	0.003	0.01	0.01	0.27	195.59	6	7.47	127		0.60
199.23	L George Site 23-Gull Bay	9/30/2013	17.5	13.15	1.5	0.003			0.33	239.67	10	7.29	128		0.50
199.23	L George Site 23-Gull Bay	6/8/2014	20.0	8.10	1.5	0.003	0.01	0.09	0.43	323.93	2	7.09	131	10.9	0.40
199.23	L George Site 23-Gull Bay	6/21/2014		9.20	1.5	0.007			0.16	50.15	2	7.13	125		0.60
199.23	L George Site 23-Gull Bay	7/10/2014	19.0	10.35	1.5	0.006	0.01	0.29	0.15	53.02	2	7.59	125		1.10
199.23	L George Site 23-Gull Bay	7/23/2014		9.15	1.5	0.003			0.18	120.00	2	7.18	124		0.30
199.23	L George Site 23-Gull Bay	8/8/2014	20.0	10.40	1.5	0.004	0.01	0.11	0.16	95.73	2	7.47	127	10.3	0.70
199.23	L George Site 23-Gull Bay	9/2/2014	20.0	9.35	1.5	0.005			0.15	70.21	4	7.25	123		0.80
199.23	L George Site 23-Gull Bay	9/15/2014		9.60	1.5	0.002	0.02	0.03	0.14	168.67	2	6.75	113		1.10
199.23	L George Site 23-Gull Bay	9/29/2014	20.0	11.45	1.5	0.004			0.13	81.89	2	7.60	114		0.80

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.23	L George Site 23-Gull Bay	6/19/2007	10.5		10.0	0.004									
199.23	L George Site 23-Gull Bay	7/3/2007	20.0		14.0										
199.23	L George Site 23-Gull Bay	7/16/2007	16.5		14.6	0.007									
199.23	L George Site 23-Gull Bay	8/1/2007	16.4		17.6	0.005									
199.23	L George Site 23-Gull Bay	8/20/2007	16.3		16.4	0.007									
199.23	L George Site 23-Gull Bay	8/31/2007	17.3		16.0	0.005									
199.23	L George Site 23-Gull Bay	9/12/2007	12.5			0.011									
199.23	L George Site 23-Gull Bay	10/3/2007	17.6		16.0	0.006									
199.23	L George Site 23-Gull Bay	6/29/2008	18.0		15.0	0.007									
199.23	L George Site 23-Gull Bay	7/14/2008	16.0		15.0	0.006									
199.23	L George Site 23-Gull Bay	7/28/2008	17.5		16.5	0.006									
199.23	L George Site 23-Gull Bay	8/12/2008	18.4		16.0	0.005									
199.23	L George Site 23-Gull Bay	8/31/2008	14.5		14.0	0.005									
199.23	L George Site 23-Gull Bay	9/16/2008	18.1		12.0	0.005									
199.23	L George Site 23-Gull Bay	9/27/2008	17.2		14.0	0.005									
199.23	L George Site 23-Gull Bay	10/8/2008	17.3		12.0	0.003									
199.23	L George Site 23-Gull Bay	07/05/2009	15.0		15.0	0.004		0.00							
199.23	L George Site 23-Gull Bay	07/16/2009			19.0	0.005									
199.23	L George Site 23-Gull Bay	08/03/2009			14.0	0.005		0.01							
199.23	L George Site 23-Gull Bay	08/17/2009	20.0		18.0	0.004									
199.23	L George Site 23-Gull Bay	09/02/2009	20.0		20.0	0.005		0.01					0.10	0.10	
199.23	L George Site 23-Gull Bay	09/15/2009	20.0		16.0	0.005									
199.23	L George Site 23-Gull Bay	09/28/2009	20.0		17.0	0.004		0.01					0.10	0.10	
199.23	L George Site 23-Gull Bay	6/20/2010	20.0			0.006		0.00							
199.23	L George Site 23-Gull Bay	7/24/2010	20.0			0.006		0.02							
199.23	L George Site 23-Gull Bay	8/9/2010	21.0										0.03		
199.23	L George Site 23-Gull Bay	8/24/2010	20.0			0.004		0.03					0.03		0.34
199.23	L George Site 23-Gull Bay	9/26/2010	20.0			0.006		0.09					0.11		1.00
199.23	L George Site 23-Gull Bay	6/19/2011	15.0		12.0	0.008		0.02					0.01	0.01	
199.23	L George Site 23-Gull Bay	7/21/2011	20.0		17.0	0.009		0.01					0.01	0.01	
199.23	L George Site 23-Gull Bay	8/22/2011			20.0	0.022		0.05					0.01	0.01	0.50
199.23	L George Site 23-Gull Bay	9/18/2011	23.0		18.0	0.008		0.02					0.01	0.01	0.50
199.23	L George Site 23-Gull Bay	6/11/2012			17.0	0.006		0.18							
199.23	L George Site 23-Gull Bay	6/28/2012			20.0								0.03	0.02	
199.23	L George Site 23-Gull Bay	7/14/2012			20.0	0.005		0.02							
199.23	L George Site 23-Gull Bay	8/16/2012			17.0	0.011		0.02							
199.23	L George Site 23-Gull Bay	8/31/2012											0.03	0.02	0.50
199.23	L George Site 23-Gull Bay	9/20/2012			20.0	0.003		0.02							
199.23	L George Site 23-Gull Bay	10/2/2012			17.0								0.03	0.02	0.50
199.23	L George Site 23-Gull Bay	6/17/2013			17.0	0.005		0.02							
199.23	L George Site 23-Gull Bay	7/3/2013			17.0										
199.23	L George Site 23-Gull Bay	7/18/2013			17.0	0.005		0.01							
199.23	L George Site 23-Gull Bay	8/8/2013			20.0										
199.23	L George Site 23-Gull Bay	8/21/2013			28.0	0.004		0.01							
199.23	L George Site 23-Gull Bay	9/2/2013			16.0										
199.23	L George Site 23-Gull Bay	9/12/2013			17.0	0.004		0.01							
199.23	L George Site 23-Gull Bay	6/8/2014			17.0	0.006		0.02							
199.23	L George Site 23-Gull Bay	6/21/2014			17.0	0.009									
199.23	L George Site 23-Gull Bay	7/10/2014			17.0	0.005		0.16							
199.23	L George Site 23-Gull Bay	7/23/2014			16.0	0.004									
199.23	L George Site 23-Gull Bay	8/8/2014			17.0	0.008		0.02							
199.23	L George Site 23-Gull Bay	9/2/2014			17.0	0.004									
199.23	L George Site 23-Gull Bay	9/15/2014			17.0	0.004		0.03							
199.23	L George Site 23-Gull Bay	9/29/2014			17.0	0.007									

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP	TColor	pH	Cond25	Ca	Chl.a
199.24	L George Site 24 Hearts Bay	7/31/2005	21.9	8.30	1.5	0.015	0.01	0.04	0.33	49.22	20	7.68	102	5.1	0.76
199.24	L George Site 24 Hearts Bay	8/27/2005	22.5		1.5		0.01	0.01	0.20						
199.24	L George Site 24 Hearts Bay	9/12/2005	21.9	9.00	1.5	0.009	0.01	0.01	0.18	42.24	9	7.60	112		0.68
199.24	L George Site 24 Hearts Bay	10/2/2005	22.0	8.50	1.5		0.01	0.01	0.13						
199.24	L George Site 24 Hearts Bay	7/16/2006		9.00	1.5	0.017	0.01	0.02	0.40	51.24		7.38	103	10.8	0.10
199.24	L George Site 24 Hearts Bay	7/30/2006	21.0	8.00	1.5	0.012	0.02	0.02	0.38	68.33	11	8.05	111		0.31
199.24	L George Site 24 Hearts Bay	8/20/2006		7.50	1.5	0.007	0.01	0.01	0.57	176.21	1	7.32	120		0.28
199.24	L George Site 24 Hearts Bay	8/28/2006	21.9	8.00	1.5	0.004	0.03	0.01	0.63	382.39	9	7.91	79		0.83
199.24	L George Site 24 Hearts Bay	10/7/2006		8.00	1.5	0.012	0.02	0.03	0.37	65.77	5	6.83	79	10.8	0.63
199.24	L George Site 24 Hearts Bay	7/21/2007	21.0	8.00	1.5		0.04	0.02	0.43	22.4	31	8.70	93	12.4	0.10
199.24	L George Site 24 Hearts Bay	7/28/2007		9.00	1.5		0.02	0.01	0.42	44.1	6	8.06	102		0.22
199.24	L George Site 24 Hearts Bay	8/5/2007	24.0	8.00	1.5	0.007	0.09	0.01	0.60	188.4	2	8.13	96		0.23
199.24	L George Site 24 Hearts Bay	8/13/2007	24.0	8.00	1.5	0.011	0.24	0.01	0.42	86.0	1	7.87	121		0.92
199.24	L George Site 24 Hearts Bay	8/27/2007	24.0	8.00	1.5	0.009	0.01	0.01	0.33	86.8	6	7.00	90	11.7	0.31
199.24	L George Site 24 Hearts Bay	9/3/2007	24.0	8.00	1.5	0.008	0.03	0.01	0.43	126.3	2	7.07	98		0.35
199.24	L George Site 24 Hearts Bay	7/19/2008		8.00	1.5	0.006	0.02	0.01	0.14	52.53	7	7.73	103	9.2	0.46
199.24	L George Site 24 Hearts Bay	7/26/2008	21.0	8.00	1.5	0.006	0.00	0.02	0.13	49.16	5	7.49	119		0.32
199.24	L George Site 24 Hearts Bay	8/2/2008	21.0	8.00	1.5	0.009	0.01	0.02	0.15	36.92	5	7.26	113		0.29
199.24	L George Site 24 Hearts Bay	8/16/2008	21.0	8.00	1.5	0.006	0.01	0.02	0.11	43.15	5	7.24	90		0.48
199.24	L George Site 24 Hearts Bay	8/23/2008	21.0	8.00	1.5	0.005	0.01	0.02	0.13	61.99	5	7.50	112		0.48
199.24	L George Site 24 Hearts Bay	9/6/2008	21.0		1.5	0.005	0.01	0.03	0.17	75.81	4	7.62	123		0.63
199.24	L George Site 24 Hearts Bay	9/13/2008	20.0		1.5	0.004	0.01	0.00	0.08	49.94	5	8.32	107		0.55
199.24	L George Site 24 Hearts Bay	9/20/2008	10.0	6.50	1.5	0.003	0.01	0.01	0.14	106.54	7	7.39	113		0.25
199.24	L George Site 24 Hearts Bay	08/01/2009	15.0	8.00	1.5	0.007	0.06	0.01	0.09	29.88	4	7.23	81	10.5	0.10
199.24	L George Site 24 Hearts Bay	08/10/2009	15.0	10.00	1.5		0.01	0.02	0.07		15	8.03	93		0.10
199.24	L George Site 24 Hearts Bay	08/27/2009	15.0	10.00	1.5	0.005	0.01	0.01	0.03	12.22	13	7.59	96		0.10
199.24	L George Site 24 Hearts Bay	09/14/2009	15.0	10.00	1.5	0.004	0.01	0.01	0.08	45.78	5	7.80	91		0.30
199.24	L George Site 24 Hearts Bay	7/4/2010	21.0	10.00	1.5	0.004	0.02	0.04	0.20	111.10	2	7.09	120		0.20
199.24	L George Site 24 Hearts Bay	7/17/2010	20.0	9.75	1.5	0.010	0.02	0.02			12	7.28	121	13.1	0.10
199.24	L George Site 24 Hearts Bay	7/31/2010	20.0	9.00	1.5	0.005		0.03							
199.24	L George Site 24 Hearts Bay	8/21/2010	20.0	9.25	1.5	0.003	0.04	0.04	0.16	106.67	8	7.53	139		0.20
199.24	L George Site 24 Hearts Bay	9/3/2010	20.0	8.75	1.5	0.005		0.02							
199.24	L George Site 24 Hearts Bay	9/18/2010	21.0	9.75	1.5	0.007	0.03	0.02	0.20	61.29	1	7.30	136	11.5	0.10
199.24	L George Site 24 Hearts Bay	10/8/2010	21.0	8.75	1.5	0.008	0.03	0.02	0.15	42.55	2	7.09	128		0.20
199.24	L George Site 24 Hearts Bay	6/18/2011	21.0	8.00	1.5	0.009	0.03	0.01	0.14	34.14	9	8.98	135	9.2	0.70
199.24	L George Site 24 Hearts Bay	7/2/2011	21.0	6.25	1.5	0.012	0.02	0.03	0.17	30.66	3	8.18	140		0.20
199.24	L George Site 24 Hearts Bay	7/12/2011	21.0	7.75	1.5	0.012	0.09	0.06	0.21	38.50	11	8.41	137		0.30
199.24	L George Site 24 Hearts Bay	7/27/2011		8.00	1.5	0.005	0.02	0.01	0.07	30.04	8	7.22	122		0.20
199.24	L George Site 24 Hearts Bay	8/29/2011	20.0	7.00	1.5	0.013	0.01	0.02	0.20	33.60	7	7.15	85	9.3	0.70
199.24	L George Site 24 Hearts Bay	9/11/2011	20.0	8.50	1.5	0.006	0.01	0.02	0.17	67.96	8	8.51	91		0.60
199.24	L George Site 24 Hearts Bay	9/26/2011	21.0	9.00	1.5	0.015	0.01	0.02	0.13	19.32	6	7.62	121		0.20
199.24	L George Site 24 Hearts Bay	7/1/2012	20.0	8.70	1.5	0.005	0.01	0.01	0.13	57.64	7	8.39	120	12.3	0.20
199.24	L George Site 24 Hearts Bay	7/16/2012	21.0	8.90	1.5	0.005	0.02	0.02	0.21	93.28	7	7.70	103		0.05
199.24	L George Site 24 Hearts Bay	7/28/2012	21.0	9.00	1.5	0.007	0.01	0.02	0.25	78.89	1	7.53	125		0.90
199.24	L George Site 24 Hearts Bay	8/18/2012	21.0	8.20	1.5	0.006	0.02	0.03	0.17	62.39	8	7.79	135		0.50
199.24	L George Site 24 Hearts Bay	8/27/2012	21.0	8.10	1.5	0.007	0.04	0.04	0.13	41.21	4	7.70	123	13.0	0.40
199.24	L George Site 24 Hearts Bay	9/2/2012	21.0	7.00	1.5	0.007	0.01	0.03	0.16	52.00	4	7.57	123		0.50
199.24	L George Site 24 Hearts Bay	9/17/2012	21.0	7.75	1.5	0.006	0.01	0.02	0.54	189.97	6	6.97	118		0.40
199.24	L George Site 24 Hearts Bay	10/8/2012	21.0			0.006	0.15	0.08	0.09	31.08	3	7.65	120		0.80

LNum	PName	Date	Zbot	Zsd	Zsamp	Tot.P	NO3	NH4	TDN	TN/TP			Fe	Mn	As
199.24	L George Site 24 Hearts Bay	7/16/2006			15.0	0.006									
199.24	L George Site 24 Hearts Bay	7/30/2006	21.0		15.0	0.013									
199.24	L George Site 24 Hearts Bay	8/20/2006			15.0	0.009									
199.24	L George Site 24 Hearts Bay	8/28/2006	21.9		15.0	0.005									
199.24	L George Site 24 Hearts Bay	10/7/2006			20.0	0.005									
199.24	L George Site 24 Hearts Bay	7/21/2007	21.0		15.0	0.010									
199.24	L George Site 24 Hearts Bay	7/28/2007			15.0	0.007									
199.24	L George Site 24 Hearts Bay	8/5/2007	24.0		15.0	0.007									
199.24	L George Site 24 Hearts Bay	8/13/2007	24.0		15.0	0.006									
199.24	L George Site 24 Hearts Bay	8/27/2007	24.0		15.0	0.011									
199.24	L George Site 24 Hearts Bay	9/3/2007	24.0		15.0	0.009									
199.24	L George Site 24 Hearts Bay	7/19/2008			15.0	0.007									
199.24	L George Site 24 Hearts Bay	7/26/2008			10.0	0.002									
199.24	L George Site 24 Hearts Bay	8/2/2008			10.0	0.006									
199.24	L George Site 24 Hearts Bay	8/16/2008			10.0	0.004									
199.24	L George Site 24 Hearts Bay	8/23/2008			10.0	0.003									
199.24	L George Site 24 Hearts Bay	9/6/2008			10.0	0.004									
199.24	L George Site 24 Hearts Bay	9/13/2008			10.0	0.004									
199.24	L George Site 24 Hearts Bay	9/20/2008			10.0	0.003									
199.24	L George Site 24 Hearts Bay	08/01/2009	15.0		10.0	0.006		0.01							
199.24	L George Site 24 Hearts Bay	08/10/2009	15.0		10.0	0.005									
199.24	L George Site 24 Hearts Bay	08/27/2009	15.0		10.0	0.005		0.03							
199.24	L George Site 24 Hearts Bay	09/14/2009	15.0		10.0	0.005									
199.24	L George Site 24 Hearts Bay	7/4/2010	21.0		18.0	0.007		0.03					0.11		1.20
199.24	L George Site 24 Hearts Bay	7/31/2010	20.0		10.0	0.005	0.02	0.02							
199.24	L George Site 24 Hearts Bay	9/3/2010	20.0		10.0	0.004	0.01	0.03							
199.24	L George Site 24 Hearts Bay	9/18/2010	21.0		10.0	0.006		0.02					0.08		1.80
199.24	L George Site 24 Hearts Bay	10/8/2010	21.0		10.0								0.08		0.34
199.24	L George Site 24 Hearts Bay	6/18/2011	21.0	8.00	10.0	0.011		0.02					0.01	0.01	
199.24	L George Site 24 Hearts Bay	7/12/2011	21.0	7.75	10.0	0.009		0.02					0.01	0.01	
199.24	L George Site 24 Hearts Bay	8/29/2011	20.0	7.00	10.0	0.008		0.01					0.01	0.01	1.00
199.24	L George Site 24 Hearts Bay	7/1/2012			10.0	0.005		0.02							
199.24	L George Site 24 Hearts Bay	7/16/2012			10.0								0.03	0.02	
199.24	L George Site 24 Hearts Bay	7/28/2012			10.0	0.007		0.03							
199.24	L George Site 24 Hearts Bay	8/18/2012			10.0								0.03	0.02	
199.24	L George Site 24 Hearts Bay	8/27/2012			10.0	0.009		0.06							
199.24	L George Site 24 Hearts Bay	9/2/2012			10.0								0.12	0.02	0.50
199.24	L George Site 24 Hearts Bay	9/17/2012			10.0	0.007		0.02							

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD
199.01	L George Site 1-LG Village	7/2/2004	epi	25	21	1	1	1	7
199.01	L George Site 1-LG Village	7/28/2004	epi	23	23	2	2	3	2
199.01	L George Site 1-LG Village	8/10/2004	epi	25	23	2	2	2	26
199.01	L George Site 1-LG Village	8/17/2004	epi	18	22	3	2	3	26
199.01	L George Site 1-LG Village	9/14/2004	epi	12	19	2	2	2	0
199.01	L George Site 1-LG Village	9/21/2004	epi	17	19	2	2	3	68
199.01	L George Site 1-LG Village	10/8/2004	epi	16	17	2	2	2	3
199.01	L George Site 1-LG Village	10/25/2004	epi	15	14	3	2	2	2
199.01	L George Site 1-LG Village	6/27/2005	epi						
199.01	L George Site 1-LG Village	7/11/2005	epi	29	22	3	2	2	126
199.01	L George Site 1-LG Village	7/26/2005	epi	27	25	2	1	2	0
199.01	L George Site 1-LG Village	8/8/2005	epi	24	25	2	2	3	267
199.01	L George Site 1-LG Village	9/11/2005	epi	19	23	3	3	3	236
199.01	L George Site 1-LG Village	10/2/2005	epi						
199.01	L George Site 1-LG Village	6/19/2007	epi	22	23	1	2	1	0
199.01	L George Site 1-LG Village	7/2/2007	epi	17	21	1	2	1	0
199.01	L George Site 1-LG Village	6/24/2008	epi	28	21	2	2	2	5
199.01	L George Site 1-LG Village	7/15/2008	epi	26	22	2	2	1	6
199.01	L George Site 1-LG Village	7/29/2008	epi	26	26	2	2	2	0
199.01	L George Site 1-LG Village	8/13/2008	epi	23	22	2	2	1	0
199.01	L George Site 1-LG Village	8/26/2008	epi	20	22	2	2	1	0
199.01	L George Site 1-LG Village	9/14/2008	epi	27	21	2	2	2	0
199.01	L George Site 1-LG Village	6/19/2007	epi						
199.01	L George Site 1-LG Village	7/2/2007	epi	22	23	1	2	1	0
199.01	L George Site 1-LG Village	7/2/2004	hypo		10				
199.01	L George Site 1-LG Village	7/28/2004	hypo		13				
199.01	L George Site 1-LG Village	8/10/2004	hypo		11				
199.01	L George Site 1-LG Village	8/17/2004	hypo		11				
199.01	L George Site 1-LG Village	9/14/2004	hypo		10				
199.01	L George Site 1-LG Village	9/21/2004	hypo		10				
199.01	L George Site 1-LG Village	10/8/2004	hypo		10				
199.01	L George Site 1-LG Village	10/25/2004	hypo		10				
199.01	L George Site 1-LG Village	7/11/2005	hypo		17				
199.01	L George Site 1-LG Village	7/26/2005	hypo		12				
199.01	L George Site 1-LG Village	8/8/2005	hypo		15				
199.01	L George Site 1-LG Village	9/11/2005	hypo		15				
199.01	L George Site 1-LG Village	6/19/2007	hypo		12				
199.01	L George Site 1-LG Village	7/2/2007	hypo		11				
199.01	L George Site 1-LG Village	6/24/2008	hypo		15				
199.01	L George Site 1-LG Village	7/29/2008	hypo		19				
199.01	L George Site 1-LG Village	8/26/2008	hypo		18				
199.01	L George Site 1-LG Village	9/14/2008	hypo		18				

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.02	L George Site 2-Dia Isl	7/22/2004	epi	30	24	2	1	1	8											
199.02	L George Site 2-Dia Isl	8/6/2004	epi	20	23	1	1	1	8											
199.02	L George Site 2-Dia Isl	8/19/2004	epi	22	22	1	1	2	5											
199.02	L George Site 2-Dia Isl	9/2/2004	epi	16	21	1	1	1	0											
199.02	L George Site 2-Dia Isl	9/15/2004	epi	19	19	1	1	1	5											
199.02	L George Site 2-Dia Isl	10/1/2004	epi	21	18	1	1	1	8											
199.02	L George Site 2-Dia Isl	7/20/2005	epi	28	23	1	1	1	0											
199.02	L George Site 2-Dia Isl	8/7/2005	epi	28	26	1	1	1												
199.02	L George Site 2-Dia Isl	8/25/2005	epi	28	24	1	1	2	0											
199.02	L George Site 2-Dia Isl	9/7/2005	epi	27	24	1	1	1	0											
199.02	L George Site 2-Dia Isl	7/3/2006	epi	30	22	1	1	1	5											
199.02	L George Site 2-Dia Isl	7/5/2006	epi	30	23	1	1	1	0											
199.02	L George Site 2-Dia Isl	7/17/2006	epi	32	23	1	1	1	0											
199.02	L George Site 2-Dia Isl	8/4/2006	epi	28	24	1	1	1	0											
199.02	L George Site 2-Dia Isl	8/18/2006	epi	28	22	1	1	1	5											
199.02	L George Site 2-Dia Isl	8/28/2006	epi	25	21	1	1		0											
199.02	L George Site 2-Dia Isl	9/10/2006	epi	23	20															
199.02	L George Site 2-Dia Isl	7/7/2007	epi	25	19	1	1	1	0											
199.02	L George Site 2-Dia Isl	7/25/2007	epi	25	21	1	1	1	0											
199.02	L George Site 2-Dia Isl	7/31/2007	epi	29	23	1	1	1	0											
199.02	L George Site 2-Dia Isl	8/14/2007	epi	32	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	8/27/2007	epi	23	21	1	1	1	0											
199.02	L George Site 2-Dia Isl	9/4/2007	epi	20	20	1	1	1	0											
199.02	L George Site 2-Dia Isl	9/13/2007	epi	23	19	1	1	1	0											
199.02	L George Site 2-Dia Isl	9/21/2007	epi	25	19	1	1	1	0											
199.02	L George Site 2-Dia Isl	6/15/2008	epi	28	21	1	1	1	0											
199.02	L George Site 2-Dia Isl	6/30/2008	epi	28	20	1	1	1	0											
199.02	L George Site 2-Dia Isl	7/9/2008	epi	29	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	7/22/2008	epi	23	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	7/27/2008	epi	26	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	8/18/2008	epi	27	23	1	1	1	0											
199.02	L George Site 2-Dia Isl	8/27/2008	epi	19	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	9/11/2008	epi	19	20	1	1	1	5											
199.02	L George Site 2-Dia Isl	06/24/2009	epi	27	18	1	1	1	5											
199.02	L George Site 2-Dia Isl	07/06/2009	epi	21	19	1	1	1	0											
199.02	L George Site 2-Dia Isl	07/07/2009	epi	30	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	07/22/2009	epi	27	21	1	1	1	0											
199.02	L George Site 2-Dia Isl	07/30/2009	epi	28	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	08/17/2009	epi	31	23	1	1	1	0											
199.02	L George Site 2-Dia Isl	08/31/2009	epi	21	21	1	1	1	0											
199.02	L George Site 2-Dia Isl	09/04/2009	epi	25	22	1	1	1	0											
199.02	L George Site 2-Dia Isl	6/22/2010	epi	24	21	1	1	1	0	0	0									
199.02	L George Site 2-Dia Isl	6/30/2010	epi	20	19	1	1	1	0	0	0									
199.02	L George Site 2-Dia Isl	7/12/2010	epi	32	24	1	1	1	0	0	0									
199.02	L George Site 2-Dia Isl	7/27/2010	epi	29	23	1	1	1	0	0	0									
199.02	L George Site 2-Dia Isl	8/13/2010	epi	25	23	1	1	1	0	0	0	21.64								
199.02	L George Site 2-Dia Isl	8/24/2010	epi	23	20	1	1	1	0	0	0	32.80								
199.02	L George Site 2-Dia Isl	8/28/2010	epi	23	20	1	1	1	0	0	0	3.00	0.00							
199.02	L George Site 2-Dia Isl	9/13/2010	epi	20	18	1	1	1	0	0	0	20.00	0.00							
199.02	L George Site 2-Dia Isl	6/28/2011	epi										0.00							
199.02	L George Site 2-Dia Isl	7/15/2011	epi			1	1	1	0	0	0	1.10	0.40							
199.02	L George Site 2-Dia Isl	7/29/2011	epi			1	1	1	0	0	0	1.90	0.30							
199.02	L George Site 2-Dia Isl	8/5/2011	epi			1	1	1	0	0	0	5.80	0.70							
199.02	L George Site 2-Dia Isl	8/18/2011	epi			1	1	1	0	0	0	3.90	0.70							
199.02	L George Site 2-Dia Isl	8/26/2011	epi			1	1	1	0	0	0	2.20	0.30							
199.02	L George Site 2-Dia Isl	9/16/2011	epi			1	1	1	0	0	0	0.90	0.30							
199.02	L George Site 2-Dia Isl	10/9/2011	epi			1	1	1	0	0	0	5.40	3.40							
199.02	L George Site 2-Dia Isl	6/6/2012	epi	15	17	1	1	1	0	0	0									
199.02	L George Site 2-Dia Isl	6/13/2012	epi	26	19	1	1	1	0	0	0									
199.02	L George Site 2-Dia Isl	7/12/2012	epi	29	23	1	1	1	0	0	0	0.30	0.10	<0.30	<0.292		2.77	2.28	I	

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.02	L George Site 2-Dia Isl	7/31/2012	epi	26	23	1	1	1	0	0	0	1.40	0.40	<0.30	<0.292		0.67	0.00	I	
199.02	L George Site 2-Dia Isl	8/22/2012	epi	26	22	1	1	1	0	0	0	0.70	0.10	<0.30	<0.580		2.27	1.35	I	
199.02	L George Site 2-Dia Isl	8/31/2012	epi	30	23	1	1	1	0	0	0	1.50	0.10	<0.30	<0.580		1.90	1.17	I	
199.02	L George Site 2-Dia Isl	9/21/2012	epi	22	18	1	1	1	0	0	0	-0.10	0.10	<0.30	<3.205		0.34	0.00	I	
199.02	L George Site 2-Dia Isl	10/13/2012	epi	14	13	1	1	1	0	0	0	2.30	0.20	<0.30	<3.205		0.58	0.00	I	
199.02	L George Site 2-Dia Isl	6/20/2013	epi	23	17	1	1	1	0	0	0	0.05	0.30	<0.30	<0.650		0.20	0.00		
199.02	L George Site 2-Dia Isl	6/30/2013	epi	24	21	1	1	1	0	0	0	0.05	0.70	<0.30	<0.650		0.70	0.00	I	
199.02	L George Site 2-Dia Isl	7/17/2013	epi	32	26	1	1	1	0	0	0									
199.02	L George Site 2-Dia Isl	8/8/2013	epi	25	22	1	1	1	0	0	0	0.90	0.40				0.00	0.00	I	
199.02	L George Site 2-Dia Isl	8/31/2013	epi	27	23	1	1	1	0	0	0	1.00	1.00				0.50	0.00	I	
199.02	L George Site 2-Dia Isl	9/24/2013	epi	8	16	1	1	1	0	0	0	0.70	0.40				0.00	0.00	I	
199.02	L George Site 2-Dia Isl	6/10/2014	epi	23	19	1	1	1	0	0	0	2.00	0.10	<0.62	<0.03	<0.002	2.00	0.10	i	i
199.02	L George Site 2-Dia Isl	6/30/2014	epi	23	20	1	1	1	0	0	0	0.70	0.10	<0.62	<0.48	<0.001	0.70	0.10	i	i
199.02	L George Site 2-Dia Isl	7/14/2014	epi	24	21	1	1	1	0	0	0	0.50	0.05	<0.39	<0.21	<0.003	0.50	0.05	i	i
199.02	L George Site 2-Dia Isl	7/28/2014	epi	24	22	1	1	1	0	0	0	0.60	0.20	<0.35	<0.10	<0.002	0.60	0.20	i	i
199.02	L George Site 2-Dia Isl	8/17/2014	epi	25	22	1	1	1	0	0	0	1.00	0.10	<0.39	<0.03	<0.001	1.00	0.10	i	i
199.02	L George Site 2-Dia Isl	8/25/2014	epi	27	21	1	1	1	0	0	0	4.90	0.10	<0.64	<0.16	<0.002	4.90	0.10	i	i
199.02	L George Site 2-Dia Isl	9/19/2014	epi	20	20	1	1	1	0	0	0	0.70	0.10	<0.59	<0.12	<0.001	0.70	0.10	i	i
199.02	L George Site 2-Dia Isl	9/30/2014	epi	17	17	1	1	1	0	0	0	0.10	0.10	<0.95	<0.09	<0.006	0.10	0.10	i	i
199.02	L George Site 2-Dia Isl	7/22/2004	hypo		14															
199.02	L George Site 2-Dia Isl	8/6/2004	hypo		22															
199.02	L George Site 2-Dia Isl	8/19/2004	hypo		10															
199.02	L George Site 2-Dia Isl	9/2/2004	hypo		9															
199.02	L George Site 2-Dia Isl	9/15/2004	hypo		9															
199.02	L George Site 2-Dia Isl	10/1/2004	hypo		8															
199.02	L George Site 2-Dia Isl	7/20/2005	hypo		10															
199.02	L George Site 2-Dia Isl	8/7/2005	hypo		12															
199.02	L George Site 2-Dia Isl	8/25/2005	hypo		32															
199.02	L George Site 2-Dia Isl	9/7/2005	hypo		18															
199.02	L George Site 2-Dia Isl	7/3/2006	hypo		10															
199.02	L George Site 2-Dia Isl	7/5/2006	hypo		12															
199.02	L George Site 2-Dia Isl	7/17/2006	hypo		10															
199.02	L George Site 2-Dia Isl	8/4/2006	hypo		9															
199.02	L George Site 2-Dia Isl	8/18/2006	hypo		13															
199.02	L George Site 2-Dia Isl	8/28/2006	hypo		10															
199.02	L George Site 2-Dia Isl	9/10/2006	hypo		10															
199.02	L George Site 2-Dia Isl	7/7/2007	hypo		8															
199.02	L George Site 2-Dia Isl	7/25/2007	hypo		10															
199.02	L George Site 2-Dia Isl	7/31/2007	hypo		9															
199.02	L George Site 2-Dia Isl	8/14/2007	hypo		9															
199.02	L George Site 2-Dia Isl	8/27/2007	hypo		11															
199.02	L George Site 2-Dia Isl	9/4/2007	hypo		9															
199.02	L George Site 2-Dia Isl	9/13/2007	hypo		10															
199.02	L George Site 2-Dia Isl	9/21/2007	hypo		11															
199.02	L George Site 2-Dia Isl	6/15/2008	hypo		8															
199.02	L George Site 2-Dia Isl	6/30/2008	hypo		11															
199.02	L George Site 2-Dia Isl	7/9/2008	hypo		9															
199.02	L George Site 2-Dia Isl	7/22/2008	hypo		8															
199.02	L George Site 2-Dia Isl	7/27/2008	hypo		8															
199.02	L George Site 2-Dia Isl	8/18/2008	hypo		11															
199.02	L George Site 2-Dia Isl	8/27/2008	hypo		9															
199.02	L George Site 2-Dia Isl	9/11/2008	hypo		10															
199.02	L George Site 2-Dia Isl	06/24/2009	hypo		8															
199.02	L George Site 2-Dia Isl	07/06/2009	hypo		9															
199.02	L George Site 2-Dia Isl	07/07/2009	hypo		10															
199.02	L George Site 2-Dia Isl	07/22/2009	hypo		9															
199.02	L George Site 2-Dia Isl	07/30/2009	hypo		10															
199.02	L George Site 2-Dia Isl	08/17/2009	hypo		12															
199.02	L George Site 2-Dia Isl	08/31/2009	hypo		13															
199.02	L George Site 2-Dia Isl	09/04/2009	hypo		10															
199.02	L George Site 2-Dia Isl	6/22/2010	hypo		9															

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.02	L George Site 2-Dia Isl	7/12/2010	hypo		11															
199.02	L George Site 2-Dia Isl	7/27/2010	hypo		9															
199.02	L George Site 2-Dia Isl	8/13/2010	hypo		9															
199.02	L George Site 2-Dia Isl	8/24/2010	hypo		15															
199.02	L George Site 2-Dia Isl	8/28/2010	hypo		10															
199.02	L George Site 2-Dia Isl	9/13/2010	hypo		11															
199.02	L George Site 2-Dia Isl	6/28/2011	hypo		7															
199.02	L George Site 2-Dia Isl	7/29/2011	hypo		10															
199.02	L George Site 2-Dia Isl	8/18/2011	hypo		10															
199.02	L George Site 2-Dia Isl	9/16/2011	hypo		11															
199.02	L George Site 2-Dia Isl	6/6/2012	hypo		8															
199.02	L George Site 2-Dia Isl	6/13/2012	hypo		10															
199.02	L George Site 2-Dia Isl	7/12/2012	hypo		11															
199.02	L George Site 2-Dia Isl	7/31/2012	hypo		12															
199.02	L George Site 2-Dia Isl	8/22/2012	hypo		13															
199.02	L George Site 2-Dia Isl	8/31/2012	hypo		11															
199.02	L George Site 2-Dia Isl	9/21/2012	hypo		12															
199.02	L George Site 2-Dia Isl	10/13/2012	hypo		9															
199.02	L George Site 2-Dia Isl	6/20/2013	hypo		12															
199.02	L George Site 2-Dia Isl	6/30/2013	hypo		13															
199.02	L George Site 2-Dia Isl	7/17/2013	hypo		11															
199.02	L George Site 2-Dia Isl	8/8/2013	hypo		10															
199.02	L George Site 2-Dia Isl	8/31/2013	hypo		10															
199.02	L George Site 2-Dia Isl	9/24/2013	hypo		10															
199.02	L George Site 2-Dia Isl	6/10/2014	hypo		8															
199.02	L George Site 2-Dia Isl	6/30/2014	hypo		9															
199.02	L George Site 2-Dia Isl	7/14/2014	hypo		9															
199.02	L George Site 2-Dia Isl	7/28/2014	hypo		14															
199.02	L George Site 2-Dia Isl	8/17/2014	hypo		14															
199.02	L George Site 2-Dia Isl	8/25/2014	hypo		9															
199.02	L George Site 2-Dia Isl	9/19/2014	hypo		10															
199.02	L George Site 2-Dia Isl	9/30/2014	hypo		9															

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin
199.03	LG Site 3 Harris Bay	6/24/2007	epi	22	20	1	1	1	0							
199.03	LG Site 3 Harris Bay	7/8/2007	epi	19	21	1	1	1	8							
199.03	LG Site 3 Harris Bay	7/22/2007	epi	22	22	1	1	1	8							
199.03	LG Site 3 Harris Bay	8/5/2007	epi	21	20	1	1	1	8							
199.03	LG Site 3 Harris Bay	8/18/2007	epi	18	23	1	1	1	8							
199.03	LG Site 3 Harris Bay	9/2/2007	epi	13	22	1	1	1	8							
199.03	LG Site 3 Harris Bay	9/16/2007	epi	10	16	1	1	1	8							
199.03	LG Site 3 Harris Bay	9/30/2007	epi	12	18	1	1	1	6							
199.03	LG Site 3 Harris Bay	6/22/2008	epi	21	21	1	1	2	6							
199.03	LG Site 3 Harris Bay	7/6/2008	epi	22	23	1	1	1	8							
199.03	LG Site 3 Harris Bay	7/20/2008	epi	29	25	1	1	2	68							
199.03	LG Site 3 Harris Bay	7/30/2008	epi	28	26	1	1	1	8							
199.03	LG Site 3 Harris Bay	8/16/2008	epi	24	23	1	1	1	8							
199.03	LG Site 3 Harris Bay	9/1/2008	epi	24	24	1	1	1	8							
199.03	LG Site 3 Harris Bay	9/14/2008	epi	29	25	1	1	1	8							
199.03	LG Site 3 Harris Bay	10/4/2008	epi	16	18	1	1	1	8							
199.03	LG Site 3 Harris Bay	07/12/2009	epi	22	23	1	1	1	8							
199.03	LG Site 3 Harris Bay	07/26/2009	epi	24	25	1	1	1	0							
199.03	LG Site 3 Harris Bay	08/08/2009	epi	17	22	1	1	1	0					0.00		
199.03	LG Site 3 Harris Bay	08/23/2009	epi	26	26	1	2	1	0							
199.03	LG Site 3 Harris Bay	09/06/2009	epi	17	24	1	1	1	0			14.57		0.00		
199.03	LG Site 3 Harris Bay	09/20/2009	epi	11	21	1	1	1	8			9.148				
199.03	LG Site 3 Harris Bay	10/09/2009	epi	14	17	1	1	1	0					0.00		
199.03	LG Site 3 Harris Bay	10/21/2009	epi	12	15	1	1	2	6							
199.03	LG Site 3 Harris Bay	6/19/2010	epi	23	21	1	1	2	0	5	5					
199.03	LG Site 3 Harris Bay	7/5/2010	epi	22	25	1	2	2	6	0	5					

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin
199.03	LG Site 3 Harris Bay	7/25/2010	epi	26	27	1	1	1	0	0	0					
199.03	LG Site 3 Harris Bay	8/8/2010	epi	21	24	1	1	1	12	0	0	2.00		0.00		
199.03	LG Site 3 Harris Bay	8/27/2010	epi	18	23	1	1	1	8	0	0					
199.03	LG Site 3 Harris Bay	9/19/2010	epi	18	21	1	1	1	56	0	0	15.00		0.00		
199.03	LG Site 3 Harris Bay	10/10/2010	epi	7	17	1	2	2	1	0	0	20.00		0.00		
199.03	LG Site 3 Harris Bay	6/19/2011	epi	26	26	1	1	1	6	0	0					
199.03	LG Site 3 Harris Bay	7/4/2011	epi	30	30	1	1	1	0	0	0	2.30	0.50			
199.03	LG Site 3 Harris Bay	7/17/2011	epi	32	32	1	1	1	0	0	0	2.80	0.60	0.15		
199.03	LG Site 3 Harris Bay	7/17/2011	bloom													
199.03	LG Site 3 Harris Bay	8/7/2011	epi			1	1	1	0	0	0	6.50	0.80			
199.03	LG Site 3 Harris Bay	8/21/2011	epi			1	2	2	0	0	0	5.10	0.60			
199.03	LG Site 3 Harris Bay	9/16/2011	epi			1	2	1	0	0	0	6.00	0.70			
199.03	LG Site 3 Harris Bay	10/10/2011	epi			2	1	2	0	0	0	7.70	1.30			
199.03	LG Site 3 Harris Bay	6/24/2007	hypo		20											
199.03	LG Site 3 Harris Bay	7/8/2007	hypo		18											
199.03	LG Site 3 Harris Bay	7/22/2007	hypo		20											
199.03	LG Site 3 Harris Bay	8/5/2007	hypo		16											
199.03	LG Site 3 Harris Bay	8/18/2007	hypo		23											
199.03	LG Site 3 Harris Bay	9/2/2007	hypo		21											
199.03	LG Site 3 Harris Bay	9/16/2007	hypo		17											
199.03	LG Site 3 Harris Bay	9/30/2007	hypo		19											
199.03	LG Site 3 Harris Bay	6/22/2008	hypo		14											
199.03	LG Site 3 Harris Bay	7/6/2008	hypo		20											
199.03	LG Site 3 Harris Bay	7/20/2008	hypo		17											
199.03	LG Site 3 Harris Bay	7/30/2008	hypo		21											
199.03	LG Site 3 Harris Bay	8/16/2008	hypo		22											
199.03	LG Site 3 Harris Bay	9/1/2008	hypo		23											
199.03	LG Site 3 Harris Bay	9/14/2008	hypo		21											
199.03	LG Site 3 Harris Bay	10/4/2008	hypo		17											
199.03	LG Site 3 Harris Bay	07/12/2009	hypo		20											
199.03	LG Site 3 Harris Bay	07/26/2009	hypo		21											
199.03	LG Site 3 Harris Bay	08/08/2009	hypo		20											
199.03	LG Site 3 Harris Bay	08/23/2009	hypo		25											
199.03	LG Site 3 Harris Bay	09/06/2009	hypo		24											
199.03	LG Site 3 Harris Bay	09/20/2009	hypo		21											
199.03	LG Site 3 Harris Bay	10/09/2009	hypo		17											
199.03	LG Site 3 Harris Bay	10/21/2009	hypo		14											
199.03	LG Site 3 Harris Bay	6/19/2010	hypo		19											
199.03	LG Site 3 Harris Bay	7/25/2010	hypo		19											
199.03	LG Site 3 Harris Bay	8/8/2010	hypo		20											
199.03	LG Site 3 Harris Bay	8/27/2010	hypo		23											
199.03	LG Site 3 Harris Bay	9/19/2010	hypo		20											
199.03	LG Site 3 Harris Bay	10/10/2010	hypo		17											
199.03	LG Site 3 Harris Bay	6/19/2011	hypo		14.8											
199.03	LG Site 3 Harris Bay	7/17/2011	hypo		14.8											
199.03	LG Site 3 Harris Bay	8/21/2011	hypo		14.5											
199.03	LG Site 3 Harris Bay	10/10/2011	hypo		14.5											

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.04	L George Site 4-Basin Bay	6/27/2004	epi	17	15	1	1	1	5											
199.04	L George Site 4-Basin Bay	7/11/2004	epi	20	14	1	1	1	5											
199.04	L George Site 4-Basin Bay	7/25/2004	epi	20	15	1	1	1	8											
199.04	L George Site 4-Basin Bay	8/1/2004	epi	18	19	1	1	1	8											
199.04	L George Site 4-Basin Bay	8/22/2004	epi	16	17	1	1	1	8											
199.04	L George Site 4-Basin Bay	9/5/2004	epi	18	21	1	1	1	5											
199.04	L George Site 4-Basin Bay	9/19/2004	epi	13	19	1	1	1	5											
199.04	L George Site 4-Basin Bay	10/3/2004	epi	12	18	1	1	1	8											
199.04	L George Site 4-Basin Bay	6/26/2005	epi	27	15	1	1	1	8											
199.04	L George Site 4-Basin Bay	7/10/2005	epi	23	20	1	1	1	8											
199.04	L George Site 4-Basin Bay	7/24/2005	epi	23		1	1	1	0											
199.04	L George Site 4-Basin Bay	8/8/2005	epi	30		1	1	1	78											
199.04	L George Site 4-Basin Bay	8/21/2005	epi	25		1	1	1	5											
199.04	L George Site 4-Basin Bay	9/6/2005	epi	18		1	1	1	0											
199.04	L George Site 4-Basin Bay	9/18/2005	epi	19	20	1	1	1	5											
199.04	L George Site 4-Basin Bay	10/2/2005	epi	16	18	1	1	1	0											
199.04	L George Site 4-Basin Bay	6/18/2006	epi	22	16	1	1	1	0											
199.04	L George Site 4-Basin Bay	7/4/2006	epi	22	16	1	1	1	5											
199.04	L George Site 4-Basin Bay	7/18/2006	epi	28	21	1	1	1	0											
199.04	L George Site 4-Basin Bay	8/6/2006	epi	19	19	1	1	1	0											
199.04	L George Site 4-Basin Bay	8/21/2006	epi	19	17	1	1	1	0											
199.04	L George Site 4-Basin Bay	9/4/2006	epi	19	20	1	1	1	5											
199.04	L George Site 4-Basin Bay	9/18/2006	epi	24	19	1	1	1	5											
199.04	L George Site 4-Basin Bay	9/30/2006	epi	14	17	1	1	1	0											
199.04	L George Site 4-Basin Bay	6/24/2007	epi	18	11	1	1	1	8											
199.04	L George Site 4-Basin Bay	7/8/2007	epi	20	13	1	1	1	5											
199.04	L George Site 4-Basin Bay	7/28/2007	epi	23	23	1	1	1	5											
199.04	L George Site 4-Basin Bay	8/5/2007	epi	22	14	1	1	1	8											
199.04	L George Site 4-Basin Bay	8/19/2007	epi	16	12	1	1	1	5											
199.04	L George Site 4-Basin Bay	9/2/2007	epi	16	20	1	1	1	8											
199.04	L George Site 4-Basin Bay	9/16/2007	epi	12	19	1	1	1	8											
199.04	L George Site 4-Basin Bay	9/30/2007	epi	15	17	1	1	1	8											
199.04	L George Site 4-Basin Bay	6/28/2008	epi	23	12	1	1	3	58											
199.04	L George Site 4-Basin Bay	7/12/2008	epi	25	15	1	1	1	8											
199.04	L George Site 4-Basin Bay	7/27/2008	epi	23	14	1	1	1	8											
199.04	L George Site 4-Basin Bay	8/10/2008	epi	22	18	1	1	1	8											
199.04	L George Site 4-Basin Bay	8/31/2008	epi	22	21	1	1	1	0											
199.04	L George Site 4-Basin Bay	9/16/2008	epi	21	17	1	1	1	0											
199.04	L George Site 4-Basin Bay	9/28/2008	epi	23	18	1	1	1	0											
199.04	L George Site 4-Basin Bay	10/12/2008	epi	20	16	1	1	1	8											
199.04	L George Site 4-Basin Bay	06/29/2009	epi	20	17	1	1	1	5											
199.04	L George Site 4-Basin Bay	07/12/2009	epi	20	19	1	1	1	5											
199.04	L George Site 4-Basin Bay	08/02/2009	epi	23	20	1	1	1	5											
199.04	L George Site 4-Basin Bay	08/09/2009	epi	19	18	1	1	1	5					0.00						
199.04	L George Site 4-Basin Bay	08/23/2009	epi	25	20	1	1	1	5											
199.04	L George Site 4-Basin Bay	09/09/2009	epi	15	22	1	1	1	0			13.21		0.00						
199.04	L George Site 4-Basin Bay	09/20/2009	epi	14	20	1	1	1	5			15.13								
199.04	L George Site 4-Basin Bay	10/04/2009	epi	15	17	1	1	1	5			20.08		0.00						
199.04	L George Site 4-Basin Bay	6/26/2010	epi	22		1	1	1	0	0	0									
199.04	L George Site 4-Basin Bay	7/12/2010	epi	24	26	1	1	1	0	0	0									
199.04	L George Site 4-Basin Bay	7/24/2010	epi	26		1	1	1	0	0	0									
199.04	L George Site 4-Basin Bay	8/8/2010	epi	21		1	1	1	0	0	0	9.00		0.00						
199.04	L George Site 4-Basin Bay	8/23/2010	epi	21		1	1	1	0	0	0	65.76								
199.04	L George Site 4-Basin Bay	9/18/2010	epi	14		1	1	1	0	0	0	32.00		0.00						
199.04	L George Site 4-Basin Bay	9/26/2010	epi	15		1	1	1	0	0	0									
199.04	L George Site 4-Basin Bay	10/11/2010	epi	15		1	1	1	0	0	0	12.00		0.00						
199.04	L George Site 4-Basin Bay	6/5/2011	epi	25		2	1	2	0	0	0									
199.04	L George Site 4-Basin Bay	6/20/2011	epi	25		1	1	1	0	0	0	3.90	1.00							
199.04	L George Site 4-Basin Bay	7/10/2011	epi	25		1	1	1	0	0	0	1.60	0.20							
199.04	L George Site 4-Basin Bay	7/23/2011	epi	26		1	1	2	0	0	0	2.40	0.66	0.41	<0.5	<0.1				
199.04	L George Site 4-Basin Bay	8/7/2011	epi	26		1	1	2	5	0	0	5.30	0.80							

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199.04	L George Site 4-Basin Bay	8/26/2011	epi	24		1	1	1	0	0	0	1.20	0.80							
199.04	L George Site 4-Basin Bay	9/16/2011	epi			1	1	1	0	0	0	0.90	0.90							
199.04	L George Site 4-Basin Bay	10/9/2011	epi	25		1	1	1	0	0	0	11.20	1.10							
199.04	L George Site 4-Basin Bay	7/1/2012	epi	20	20	1	1	1	0	0	0	0.30	0.20	<0.30	<0.423		0.49	0.10	I	
199.04	L George Site 4-Basin Bay	7/9/2012	epi	19								1.90	0.10	<0.30	<0.330		0.67	0.34		
199.04	L George Site 4-Basin Bay	8/4/2012	epi	22		1	1	1	0	0	0	3.60	0.10	<0.30	<0.330		1.54	0.90	I	
199.04	L George Site 4-Basin Bay	8/16/2012	epi	20		1	1	1	0	0	0	2.30	0.10				2.13	1.34	I	
199.04	L George Site 4-Basin Bay	8/26/2012	epi	19		1	1	1	0	0	0	0.60	0.10	0.34	<0.725		1.90	1.49	I	
199.04	L George Site 4-Basin Bay	9/9/2012	epi	14		1	1	1	0	0	0	0.70	0.10	0.48	<3.299		0.83	0.43	I	
199.04	L George Site 4-Basin Bay	9/23/2012	epi	12		1	1	1	0	0	0	2.10	0.20	<0.30	<3.205		0.80	0.34	I	
199.04	L George Site 4-Basin Bay	10/7/2012	epi	9		1	1	1	0	0	0	2.20	0.10	<0.30	<3.205		0.83	0.37	I	
199.04	L George Site 4-Basin Bay	6/10/2013	epi	14	17	1	1	1	0	0	0	0.40	0.30	<0.30	<0.440		0.00	0.00	I	
199.04	L George Site 4-Basin Bay	6/24/2013	epi	20	20	1	1	1	0	0	0	0.20	0.30	<0.30	<0.650		0.50	0.10	I	
199.04	L George Site 4-Basin Bay	7/8/2013	epi	27	25	1	1	1	0	0	0	0.80	0.30	<0.30	<0.910		0.00	0.00	I	
199.04	L George Site 4-Basin Bay	7/22/2013	epi	18	25	1	1	1	0	0	0	0.05	0.40	<0.30	<0.380		0.30	0.00	I	
199.04	L George Site 4-Basin Bay	8/7/2013	epi									2.40	0.30	<0.30	<0.380		0.40	0.20		
199.04	L George Site 4-Basin Bay	8/20/2013	epi	19	22	1	1	1	0	0	0	1.30	0.30	<0.30	<0.570		0.47	0.47	I	
199.04	L George Site 4-Basin Bay	9/9/2013	epi	9	21	1	1	1	0	0	0	1.20	0.30	<0.30	<19.130		0.00	0.00	I	
199.04	L George Site 4-Basin Bay	9/26/2013	epi	11	18	1	1	1	0	0	0	0.60	0.30	<0.30	<0.100		0.00	0.00	I	
199.04	L George Site 4-Basin Bay	7/6/2014	epi	20	22	1	1	1	0	0	0	3.50	0.10	<0.40	<0.48	<0.001	0.00	0.00	i	i
199.04	L George Site 4-Basin Bay	7/19/2014	epi	19	23	1	1	1	0	0	0	1.30	0.10	<0.39	<0.03	<0.001	0.03	0.00	i	i
199.04	L George Site 4-Basin Bay	7/31/2014	epi	19	23	1	1	1	0	0	0	6.10	0.10	<0.33	<0.01	<0.002	0.00	0.00	i	i
199.04	L George Site 4-Basin Bay	8/10/2014	epi	18	24	1	1	1	0	0	0	0.80	0.05	<1.06	<0.16	<0.002	0.00	0.00	i	i
199.04	L George Site 4-Basin Bay	8/24/2014	epi	18	22	1	1	1	0	0	0	0.40	0.05	<0.64	<0.14	<0.002	0.00	0.00	i	i
199.04	L George Site 4-Basin Bay	9/2/2014	epi	24	23	1	1	1	0	0	0	0.90	0.10	<0.64	<0.03	<0.001	0.00	0.00	i	i
199.04	L George Site 4-Basin Bay	9/14/2014	epi	10	20	1	1	1	0	0	0	1.70	0.10	<0.48	<0.04	<0.001	0.00	0.00	i	i
199.04	L George Site 4-Basin Bay	9/27/2014	epi	18	20	1	1	1	0	0	0	0.90	0.10	<0.88	<0.12	<0.001	0.00	0.00	i	i
199.04	L George Site 4-Basin Bay	7/24/2005	hypo		14															
199.04	L George Site 4-Basin Bay	8/8/2005	hypo		13															
199.04	L George Site 4-Basin Bay	8/21/2005	hypo		15															
199.04	L George Site 4-Basin Bay	9/6/2005	hypo		16															
199.04	L George Site 4-Basin Bay	6/26/2010	hypo		14															
199.04	L George Site 4-Basin Bay	7/24/2010	hypo		15															
199.04	L George Site 4-Basin Bay	8/8/2010	hypo		16															
199.04	L George Site 4-Basin Bay	8/23/2010	hypo		22															
199.04	L George Site 4-Basin Bay	9/18/2010	hypo		19															
199.04	L George Site 4-Basin Bay	9/26/2010	hypo		18															
199.04	L George Site 4-Basin Bay	10/11/2010	hypo		16															
199.04	L George Site 4-Basin Bay	6/5/2011	hypo		15															
199.04	L George Site 4-Basin Bay	7/10/2011	hypo		17															
199.04	L George Site 4-Basin Bay	8/7/2011	hypo		15															
199.04	L George Site 4-Basin Bay	7/9/2012	hypo		15															
199.04	L George Site 4-Basin Bay	8/4/2012	hypo		14															
199.04	L George Site 4-Basin Bay	8/16/2012	hypo		15															
199.04	L George Site 4-Basin Bay	8/26/2012	hypo		15															
199.04	L George Site 4-Basin Bay	9/9/2012	hypo		16															
199.04	L George Site 4-Basin Bay	9/23/2012	hypo		15															
199.04	L George Site 4-Basin Bay	10/7/2012	hypo		15															
199.04	L George Site 4-Basin Bay	6/10/2013	hypo		12															
199.04	L George Site 4-Basin Bay	6/24/2013	hypo		12															
199.04	L George Site 4-Basin Bay	7/8/2013	hypo		14															
199.04	L George Site 4-Basin Bay	7/22/2013	hypo		14															
199.04	L George Site 4-Basin Bay	8/20/2013	hypo		14															
199.04	L George Site 4-Basin Bay	9/9/2013	hypo		14															
199.04	L George Site 4-Basin Bay	9/26/2013	hypo		14															
199.04	L George Site 4-Basin Bay	7/6/2014	hypo		11															
199.04	L George Site 4-Basin Bay	7/19/2014	hypo		13															
199.04	L George Site 4-Basin Bay	7/31/2014	hypo		13															
199.04	L George Site 4-Basin Bay	8/10/2014	hypo		13															
199.04	L George Site 4-Basin Bay	8/24/2014	hypo		13															
199.04	L George Site 4-Basin Bay	9/2/2014	hypo		13															

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199.04	L George Site 4-Basin Bay	9/14/2014	hypo		13															
199.04	L George Site 4-Basin Bay	9/27/2014	hypo		17															

LNum	PName	Date	Site	TAir	TH20	QA	QB	QC	QD
199.5	L George Site 5	6/28/2004	epi			1	1	1	0
199.5	L George Site 5	8/14/2004	epi	30	23	2	2	1	57
199.5	L George Site 5	6/28/2004	hypo						
199.5	L George Site 5	8/14/2004	hypo						

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.06	L George Site 6 Crown Island	6/29/2004	epi	27	21	1	1	1	0											
199.06	L George Site 6 Crown Island	7/20/2004	epi	28	24	1	1	1	8											
199.06	L George Site 6 Crown Island	8/3/2004	epi	25	23	1	1	1	7											
199.06	L George Site 6 Crown Island	6/28/2005	epi	44	27	1	1	1	7											
199.06	L George Site 6 Crown Island	7/12/2005	epi	27	24	1	1	1	0											
199.06	L George Site 6 Crown Island	7/19/2005	epi	30	26	1	1	1	0											
199.06	L George Site 6 Crown Island	7/26/2005	epi	32	26	1	1	1	5											
199.06	L George Site 6 Crown Island	8/23/2005	epi	24	25	1	1	1	7											
199.06	L George Site 6 Crown Island	9/12/2005	epi	27	23	1	2	1	0											
199.06	L George Site 6 Crown Island	7/8/2007	epi	25	21	1	2	1	0											
199.06	L George Site 6 Crown Island	7/14/2007	epi	23	22	1	2	1	0											
199.06	L George Site 6 Crown Island	7/21/2007	epi	24	22	1	2	1	7											
199.06	L George Site 6 Crown Island	7/29/2007	epi	22	23	1	2	1	8											
199.06	L George Site 6 Crown Island	8/11/2007	epi	26	24	1	1	1	8											
199.06	L George Site 6 Crown Island	8/15/2007	epi	24	25	1	2	1	8											
199.06	L George Site 6 Crown Island	8/18/2007	epi	17	22	1	1	1	6											
199.06	L George Site 6 Crown Island	8/26/2007	epi	26	22	1	2	2	6											
199.06	L George Site 6 Crown Island	6/21/2008	epi	20	18	1	2	1	5											
199.06	L George Site 6 Crown Island	7/7/2008	epi	23	22	1	2	2	5											
199.06	L George Site 6 Crown Island	7/21/2008	epi	24	24	1	1	1	0											
199.06	L George Site 6 Crown Island	8/2/2008	epi	23	24															
199.06	L George Site 6 Crown Island	8/17/2008	epi	24	23	1	1	1	5											
199.06	L George Site 6 Crown Island	9/13/2008	epi	22	21	1	3	2	0											
199.06	L George Site 6 Crown Island	9/28/2008	epi	21	19	1	1	1	0											
199.06	L George Site 6 Crown Island	10/11/2008	epi	22	17	1	1	1	0											
199.06	L George Site 6 Crown Island	07/31/2009	epi	25	24	1	1	1	0											
199.06	L George Site 6 Crown Island	08/08/2009	epi	21	21	1	1	2	5											
199.06	L George Site 6 Crown Island	08/17/2009	epi	32	27	1	2	1	0											
199.06	L George Site 6 Crown Island	08/31/2009	epi	23	21	1	1	1	0			11.89								
199.06	L George Site 6 Crown Island	09/13/2009	epi	19	20	1	1	1	0			10.12								
199.06	L George Site 6 Crown Island	09/20/2009	epi	15	19	1	1	1	0											
199.06	L George Site 6 Crown Island	10/01/2009	epi	14	17	1	1	2	56											
199.06	L George Site 6 Crown Island	10/17/2009	epi	10	12	1	1	1	0											
199.06	L George Site 6 Crown Island	06/20/2011	epi	20	21	1	1	1	0	0	0	2.90	0.90							
199.06	L George Site 6 Crown Island	07/02/2011	epi	24	23	1	1	1	0	0	0	2.60	0.40							
199.06	L George Site 6 Crown Island	07/12/2011	epi	28	26	1	1	1	0	0	0	1.80	0.30							
199.06	L George Site 6 Crown Island	07/27/2011	epi	25	25	1	1	1	0	0	0	3.70	0.80							
199.06	L George Site 6 Crown Island	08/12/2011	epi	22	25	1	1	1	0	0	0	8.30	0.60						i	
199.06	L George Site 6 Crown Island	08/17/2011	epi	24	25	1	1	1	0	0	0	6.90	0.70							
199.06	L George Site 6 Crown Island	06/15/2012	epi	22	20	1	1	1	0	0	0	-0.90	0.10	<0.30	<0.410		0.01	0.00		
199.06	L George Site 6 Crown Island	07/09/2012	epi	24	24	1	1	1	0	0	0		-1.10	<0.30	<0.328		1.00	0.70	I	
199.06	L George Site 6 Crown Island	07/25/2012	epi	24	25	1	1	1	0	0	0	0.00	0.50	<0.30	<0.292		1.23	0.84	I	
199.06	L George Site 6 Crown Island	08/12/2012	epi	26	26	1	1	1	0	0	0	0.10	1.80	<0.30	<0.657		21.69	11.43	I	
199.06	L George Site 6 Crown Island	06/15/2013	epi	22	22	1	1	1	0	0	0	0.60	0.40	<0.30	<0.600		0.10	0.00		
199.06	L George Site 6 Crown Island	06/30/2013	epi	27	25	1	1	1	0	0	0									
199.06	L George Site 6 Crown Island	07/07/2013	epi		25	1	1	1	0	0	0									
199.06	L George Site 6 Crown Island	07/22/2013	epi	19	23	1	1	1	0	0	0									
199.06	L George Site 6 Crown Island	08/04/2013	epi	21	23	1	1	1	0	0	0									
199.06	L George Site 6 Crown Island	08/10/2013	epi																	

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.06	L George Site 6 Crown Island	6/16/2014	epi	17	19	1	1	1	0	0	0									
199.06	L George Site 6 Crown Island	6/23/2014	epi	21	20	1	1	1	0	0	0								i	
199.06	L George Site 6 Crown Island	7/11/2014	epi	22	22	1	1	1	0	0	0								i	i
199.06	L George Site 6 Crown Island	7/19/2014	epi	19	23	1	1	1	0	0	0								i	i
199.06	L George Site 6 Crown Island	7/30/2014	epi	19	23	1	1	1	0	0	0								i	i
199.06	L George Site 6 Crown Island	8/9/2014	epi	21	23	1	1	1	0	0	0								i	i
199.06	L George Site 6 Crown Island	6/29/2004	hypo		12															
199.06	L George Site 6 Crown Island	7/20/2004	hypo		13															
199.06	L George Site 6 Crown Island	8/3/2004	hypo		21															
199.06	L George Site 6 Crown Island	6/28/2005	hypo		15															
199.06	L George Site 6 Crown Island	7/12/2005	hypo		19															
199.06	L George Site 6 Crown Island	7/19/2005	hypo		16															
199.06	L George Site 6 Crown Island	7/26/2005	hypo		14															
199.06	L George Site 6 Crown Island	8/23/2005	hypo		17															
199.06	L George Site 6 Crown Island	9/12/2005	hypo		19															
199.06	L George Site 6 Crown Island	7/8/2007	hypo		12															
199.06	L George Site 6 Crown Island	7/14/2007	hypo		14															
199.06	L George Site 6 Crown Island	7/21/2007	hypo		12															
199.06	L George Site 6 Crown Island	7/29/2007	hypo		13															
199.06	L George Site 6 Crown Island	8/11/2007	hypo		14															
199.06	L George Site 6 Crown Island	8/15/2007	hypo		13															
199.06	L George Site 6 Crown Island	8/18/2007	hypo		13															
199.06	L George Site 6 Crown Island	8/26/2007	hypo		14															
199.06	L George Site 6 Crown Island	6/21/2008	hypo		13															
199.06	L George Site 6 Crown Island	7/7/2008	hypo		13															
199.06	L George Site 6 Crown Island	7/21/2008	hypo		13															
199.06	L George Site 6 Crown Island	8/2/2008	hypo		12															
199.06	L George Site 6 Crown Island	8/17/2008	hypo		13															
199.06	L George Site 6 Crown Island	9/13/2008	hypo		15															
199.06	L George Site 6 Crown Island	9/28/2008	hypo		13															
199.06	L George Site 6 Crown Island	10/11/2008	hypo		13															
199.06	L George Site 6 Crown Island	07/31/2009	hypo		17															
199.06	L George Site 6 Crown Island	08/08/2009	hypo		17															
199.06	L George Site 6 Crown Island	08/17/2009	hypo		16															
199.06	L George Site 6 Crown Island	08/31/2009	hypo		15															
199.06	L George Site 6 Crown Island	09/13/2009	hypo		16															
199.06	L George Site 6 Crown Island	09/20/2009	hypo		15															
199.06	L George Site 6 Crown Island	10/01/2009	hypo		14															
199.06	L George Site 6 Crown Island	10/17/2009	hypo		13															
199.06	L George Site 6 Crown Island	07/12/2011	hypo		26															
199.06	L George Site 6 Crown Island	08/12/2011	hypo		25															
199.06	L George Site 6 Crown Island	06/15/2012	hypo		13															
199.06	L George Site 6 Crown Island	07/09/2012	hypo		14															
199.06	L George Site 6 Crown Island	07/25/2012	hypo		15															
199.06	L George Site 6 Crown Island	08/12/2012	hypo		16															
199.06	L George Site 6 Crown Island	06/15/2013	hypo		13															
199.06	L George Site 6 Crown Island	06/30/2013	hypo		12															
199.06	L George Site 6 Crown Island	07/07/2013	hypo		13															
199.06	L George Site 6 Crown Island	07/22/2013	hypo		13															
199.06	L George Site 6 Crown Island	08/04/2013	hypo		12															
199.06	L George Site 6 Crown Island	08/10/2013	hypo		12															
199.06	L George Site 6 Crown Island	7/19/2014	hypo		10															
199.06	L George Site 6 Crown Island	7/30/2014	hypo		12															
199.06	L George Site 6 Crown Island	8/9/2014	hypo		11															

LNum	PName	Date	Zbot	Zsd	Zsamp	TAir	TH20	QA	QB	QC	QD
199.7	Lake George Site 7 Warner Bay	6/17/2007	14.3	5.55	1.5	20	21	2	2	1	7
199.7	Lake George Site 7 Warner Bay	7/2/2007	13.3	5.95	1.5	18	20	1	1	1	7
199.7	Lake George Site 7 Warner Bay	8/1/2007	14.0	7.15	1.5	30	26	1	1	1	7
199.7	Lake George Site 7 Warner Bay	8/21/2007	13.4	7.15	1.5	21	22	1	1	1	7
199.7	Lake George Site 7 Warner Bay	9/14/2007	14.2	7.25	1.5	26	21	1	1	1	8
199.7	Lake George Site 7 Warner Bay	6/17/2007	14.3		12.8		20				
199.7	Lake George Site 7 Warner Bay	7/2/2007	13.3		12.8		17				
199.7	Lake George Site 7 Warner Bay	8/21/2007	13.4				15				
199.7	Lake George Site 7 Warner Bay	9/14/2007	14.2		13.0		16				

LNum	PName	Date	Zbot	Zsd	Zsamp	Site	TAir	TH20	QA	QB	QC	QD
199.08	L George Site 8	6/29/2004	21.6	10.7	0.5	epi	18		2	1	2	78
199.08	L George Site 8	7/11/2004	15.0	10.4	1.5	epi	27	22	1	1	1	0
199.08	L George Site 8	8/29/2004	22.0	8.0		epi	28		1	1	1	0
199.08	L George Site 8	9/12/2004	25.0	8.0		epi	24		1	1	1	0
199.08	L George Site 8	7/10/2005	18.0	9.9	0.5	epi	34	23	1	1	1	0
199.08	L George Site 8	9/4/2005		8.5		epi	27	22	1	1	1	0
199.08	L George Site 8	7/24/2006		9.3		epi	30	23	1	1	1	0
199.08	L George Site 8	8/21/2006		7.8		epi	26	24	1	1	1	0
199.08	L George Site 8	8/31/2006		8.1		epi	21	21	1	1	1	0

LNum	PName	Date	Zbot	Zsd	Zsamp	QaQc	TAir	TH20	QA	QB	QC	QD
199.11	Lake George Site 11 NW Bay	6/19/2007	22.9	8.25	1.5	epi	25	23	1	2	1	8
199.11	Lake George Site 11 NW Bay	7/3/2007	22.8	11.95	1.5	epi	20	21	1	2	1	8
199.11	Lake George Site 11 NW Bay	7/17/2007	24.0	10.45	1.5	epi	24	23	1	2	1	8
199.11	Lake George Site 11 NW Bay	7/25/2007	24.4	9.70	1.5	epi	23	20	1	2	1	8
199.11	Lake George Site 11 NW Bay	7/31/2007	21.9	9.25		epi	26	23	1	2	1	0
199.11	Lake George Site 11 NW Bay	8/14/2007	22.3	11.75	1.5	epi	19	23	1	2	1	0
199.11	Lake George Site 11 NW Bay	8/28/2007	23.8	10.80	1.5	epi	23	23	1	2	1	8
199.11	Lake George Site 11 NW Bay	9/11/2007	24.4	9.20	1.5	epi	19	21	1	2	1	8
199.11	Lake George Site 11 NW Bay	7/29/2008	24.0	7.80	1.0	epi	28	25	1	1	1	0
199.11	Lake George Site 11 NW Bay	8/5/2008	24.4	7.65	1.5	epi	23	25	1	1	1	8
199.11	Lake George Site 11 NW Bay	8/20/2008	24.4	8.40	1.5	epi	17	23	1	1	1	8
199.11	Lake George Site 11 NW Bay	9/3/2008	24.0	10.25	1.5	epi	25	24	1	1	1	0
199.11	Lake George Site 11 NW Bay	6/19/2007	22.9		21.3	hypo		12				
199.11	Lake George Site 11 NW Bay	7/3/2007	22.8		22.8	hypo		12				
199.11	Lake George Site 11 NW Bay	7/17/2007	24.0		24.0	hypo		12				
199.11	Lake George Site 11 NW Bay	7/25/2007	24.4		23.7	hypo		14				
199.11	Lake George Site 11 NW Bay	8/14/2007	22.3		22.3	hypo		13				
199.11	Lake George Site 11 NW Bay	8/28/2007	23.8		22.9	hypo		13				
199.11	Lake George Site 11 NW Bay	9/11/2007	24.4		23.8	hypo		15				
199.11	Lake George Site 11 NW Bay	7/29/2008			23.0	hypo		13				
199.11	Lake George Site 11 NW Bay	8/5/2008			23.8	hypo		13				
199.11	Lake George Site 11 NW Bay	8/20/2008			21.3	hypo		15				
199.11	Lake George Site 11 NW Bay	9/3/2008			23.5	hypo		22				

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.21	L George Site 21 Hul Land	6/29/2004	epi	18		2	1	2	78											
199.21	L George Site 21 Hul Land	7/11/2004	epi	27	22	1	1	1	0											
199.21	L George Site 21 Hul Land	8/29/2004	epi	28		1	1	1	0											
199.21	L George Site 21 Hul Land	9/12/2004	epi	24		1	1	1	0											
199.21	L George Site 21 Hul Land	7/10/2005	epi	34	23	1	1	1	0											
199.21	L George Site 21 Hul Land	9/4/2005	epi	27	22	1	1	1	0											
199.21	L George Site 21 Hul Land	7/24/2006	epi	30	23	1	1	1	0											
199.21	L George Site 21 Hul Land	8/21/2006	epi	26	24	1	1	1	0											
199.21	L George Site 21 Hul Land	8/31/2006	epi	21	21	1	1	1	0											
199.21	L George Site 21 Hul Land	7/15/2007	epi	28	23	1	1	1	58											
199.21	L George Site 21 Hul Land	7/26/2007	epi	24	24	1	1	1	8											
199.21	L George Site 21 Hul Land	8/5/2007	epi	32	24	1	1	1	0											
199.21	L George Site 21 Hul Land	8/12/2007	epi	27	24	1	1	1	7											
199.21	L George Site 21 Hul Land	8/26/2007	epi	22	21	1	1	3	5											
199.21	L George Site 21 Hul Land	9/3/2007	epi	26	21	1	1	1	0											
199.21	L George Site 21 Hul Land	9/14/2007	epi	20	18	1	1	1	5											
199.21	L George Site 21 Hul Land	7/11/2008	epi	19	24	1	1	2	5											
199.21	L George Site 21 Hul Land	7/22/2008	epi	24	25	1	1	1	5											
199.21	L George Site 21 Hul Land	8/1/2008	epi	24	24	1	1	1	5											
199.21	L George Site 21 Hul Land	8/17/2008	epi	28	22	1	1	1	5											
199.21	L George Site 21 Hul Land	8/26/2008	epi	19																
199.21	L George Site 21 Hul Land	07/10/2009	epi	27	20	1	1	1	8											
199.21	L George Site 21 Hul Land	07/19/2009	epi	26	21	1	1	1	5											
199.21	L George Site 21 Hul Land	07/25/2009	epi	24	22	1	1	1	0											
199.21	L George Site 21 Hul Land	08/04/2009	epi	33	23	1	1	1	0											
199.21	L George Site 21 Hul Land	08/18/2009	epi	32	25	1	1	3	5					0.00						
199.21	L George Site 21 Hul Land	09/03/2009	epi	28	27	1	1	1	0			8.689		0.00						
199.21	L George Site 21 Hul Land	09/13/2009	epi	23	21	1	1	1	5			8.566								
199.21	L George Site 21 Hul Land	10/04/2009	epi	17	17	1	1	1	0			16.54		0.00						
199.21	L George Site 21 Hul Land	7/9/2010	epi	24	21	1	1	1	5	5	5									
199.21	L George Site 21 Hul Land	7/18/2010	epi	33	25	1	1	1	0	0	0									
199.21	L George Site 21 Hul Land	8/1/2010	epi	30	25	1	1	1	0	0	0									
199.21	L George Site 21 Hul Land	8/1/2010	bloom	25	24	1	1	1	0	0	0									
199.21	L George Site 21 Hul Land	8/9/2010	Epi									426		0.01						
199.21	L George Site 21 Hul Land	8/21/2010	Epi	25	35	1	1	1	5	0	0	6.00		0.00						
199.21	L George Site 21 Hul Land	8/29/2010	Epi	26	23	1	1	1	5	0	0	13.68								
199.21	L George Site 21 Hul Land	9/8/2010	Epi	29	22	1	1	1	0	0	0									
199.21	L George Site 21 Hul Land	10/9/2010	bloom	23	21	1	1	4	5	0	0	10.0		0.00						
199.21	L George Site 21 Hul Land	7/7/2011	epi									30.0		0.00						
199.21	L George Site 21 Hul Land	7/20/2011	epi	28	24	1	1	1	0	0	0	2.80	0.50							
199.21	L George Site 21 Hul Land	7/31/2011	epi	33	26	1	1	1	0	0	5	1.40	0.38	0.33	<0.5	<0.1				
199.21	L George Site 21 Hul Land	8/7/2011	epi	33	27	1	1	1		0	0	2.10	0.60							
199.21	L George Site 21 Hul Land	8/17/2011	epi	30	27	1	1	1	0	0	0	3.90	0.60							
199.21	L George Site 21 Hul Land	9/1/2011	epi	33	24	1	1	1	0	0	0	4.10	0.80	0.15	<0.4	<0.1				
199.21	L George Site 21 Hul Land	9/1/2011	bloom	23	22	1	1	2	156	0	0	1.40	0.60							
199.21	L George Site 21 Hul Land	9/11/2011	bloom											0.30	<0.8	<0.1				
199.21	L George Site 21 Hul Land	9/11/2011	epi											0.30	<0.8	<0.1				
199.21	L George Site 21 Hul Land	9/19/2011	epi	18	19	1	1	2	5	0	0	2.80	0.30							
199.21	L George Site 21 Hul Land	6/10/2012	epi	32	23	1	1	1	0	0	0			<0.30	<0.417					
199.21	L George Site 21 Hul Land	7/9/2012	epi	28	24	1	1	1	0	0	0			<0.30	<0.423					
199.21	L George Site 21 Hul Land	7/18/2012	epi	29	27	1	1	1	0	0	0	-1.20		<0.30	<0.292		1.14	0.69		
199.21	L George Site 21 Hul Land	7/29/2012	epi	29	26	1	1	1	0	0	0	-0.50		<0.30	<0.292		0.79	0.27		
199.21	L George Site 21 Hul Land	8/6/2012	epi	32	27	1	1	1	0	0	0	0.00		<0.30	<0.330		1.27	0.78		
199.21	L George Site 21 Hul Land	8/16/2012	epi	29	21	1	1	1	0	0	0			<0.30	<0.223		2.54	1.55		
199.21	L George Site 21 Hul Land	8/26/2012	epi	30	27	1	1	1	0	0	0	4.70		0.35	<0.551					
199.21	L George Site 21 Hul Land	9/9/2012	epi	25	24	1	1	1	0	0	0	1.30		<0.30	<0.725		1.49	0.60		
199.21	L George Site 21 Hul Land	7/13/2013	epi	29	26	1	1	2	0	0	0	1.30	0.60	<0.30	<0.370		0.50	0.00		I
199.21	L George Site 21 Hul Land	7/25/2013	epi	22	25	1	1	1	0	0	0	66.70	53.10	<0.30	<0.400		37.80	0.00	H	H
199.21	L George Site 21 Hul Land	8/2/2013	epi	30	26	1	1	1	0	0	0	47.90	16.70	0.69	<0.390		13.80	1.80	H	H
199.21	L George Site 21 Hul Land	8/11/2013	epi	28	25	1	1	1	0	0	0	63.20	195.80	<0.30	<0.340		192.00	0.00	H	H

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.21	L George Site 21 Hul Land	8/25/2013	epi	32	26	1	1	1	0	0	0	5.60	36.70	<0.30	<0.390		0.50	0.50	H	H
199.21	L George Site 21 Hul Land	8/29/2013	epi	30	26	1	1	1	0	0	0	2.30	0.60	<0.30	<0.570		0.40	0.00	I	I
199.21	L George Site 21 Hul Land	9/6/2013	epi	21	24	1	1	1	0	0	0	3.20	0.70	0.46	<19.130		0.20	0.00	I	I
199.21	L George Site 21 Hul Land	9/15/2013	epi	21	22	1	1	1	0	0	0	1.40	0.70	<0.30	<19.130		0.10	0.00	I	I
199.21	L George Site 21 Hul Land	7/22/2008	hypo		23															
199.21	L George Site 21 Hul Land	8/1/2008	hypo		21															
199.21	L George Site 21 Hul Land	7/7/2011	hypo		17															
199.21	L George Site 21 Hul Land	7/31/2011	hypo		25															
199.21	L George Site 21 Hul Land	8/17/2011	hypo		24															
199.21	L George Site 21 Hul Land	9/11/2011	hypo		18															
199.21	L George Site 21 Hul Land	6/10/2012	hypo		18															
199.21	L George Site 21 Hul Land	7/9/2012	hypo		16															
199.21	L George Site 21 Hul Land	7/18/2012	hypo		15															
199.21	L George Site 21 Hul Land	7/29/2012	hypo		14															
199.21	L George Site 21 Hul Land	8/6/2012	hypo		18															
199.21	L George Site 21 Hul Land	8/16/2012	hypo		16															
199.21	L George Site 21 Hul Land	8/26/2012	hypo		24															
199.21	L George Site 21 Hul Land	9/9/2012	hypo		18															
199.21	L George Site 21 Hul Land	7/13/2013	hypo		15															
199.21	L George Site 21 Hul Land	7/25/2013	hypo																	
199.21	L George Site 21 Hul Land	8/2/2013	hypo		25															
199.21	L George Site 21 Hul Land	8/11/2013	hypo		15															
199.21	L George Site 21 Hul Land	8/25/2013	hypo																	
199.21	L George Site 21 Hul Land	8/29/2013	hypo		15															
199.21	L George Site 21 Hul Land	9/6/2013	hypo		14															
199.21	L George Site 21 Hul Land	9/15/2013	hypo		15															

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.23	L George Site 23-Gull Bay	6/19/2007	epi	29	23	1	1	1	0											
199.23	L George Site 23-Gull Bay	7/3/2007	epi	32	24	1	1	1	0											
199.23	L George Site 23-Gull Bay	7/16/2007	epi	27	26	1	1	1	6											
199.23	L George Site 23-Gull Bay	8/1/2007	epi	32	25	1	1	1	0											
199.23	L George Site 23-Gull Bay	8/20/2007	epi	24	23	1	1	1	0											
199.23	L George Site 23-Gull Bay	8/31/2007	epi	30	25	1	1	1	0											
199.23	L George Site 23-Gull Bay	9/12/2007	epi	20	22	1	1	2	0											
199.23	L George Site 23-Gull Bay	10/3/2007	epi	21	21															
199.23	L George Site 23-Gull Bay	6/29/2008	epi	34	24	1	1	1	5											
199.23	L George Site 23-Gull Bay	7/14/2008	epi	27	25	1	1	1	0											
199.23	L George Site 23-Gull Bay	7/28/2008	epi	26	25	1	1	1	0											
199.23	L George Site 23-Gull Bay	8/12/2008	epi	28	25	1	1	1	0											
199.23	L George Site 23-Gull Bay	8/31/2008	epi	26	22	1	1	1	0											
199.23	L George Site 23-Gull Bay	9/16/2008	epi	24	22	1	1	1	0											
199.23	L George Site 23-Gull Bay	9/27/2008	epi	21	20	1	1	2	0											
199.23	L George Site 23-Gull Bay	10/8/2008	epi	13	17	1	1	1	0											
199.23	L George Site 23-Gull Bay	07/05/2009	epi	22	21	1	1	1	0											
199.23	L George Site 23-Gull Bay	07/16/2009	epi	24	22	1	1	1	0											
199.23	L George Site 23-Gull Bay	08/03/2009	epi	21	23	1	1	1	0											
199.23	L George Site 23-Gull Bay	08/17/2009	epi	27	26	1	1	1	0											
199.23	L George Site 23-Gull Bay	09/02/2009	epi	24	24	1	1	1	0			12.71								
199.23	L George Site 23-Gull Bay	09/15/2009	epi	23	23	1	1	1	0			6.77								
199.23	L George Site 23-Gull Bay	09/28/2009	epi	19	19	1	1	1	0			16.62								
199.23	L George Site 23-Gull Bay	10/04/2009	epi	17	17	1	1	1	0											
199.23	L George Site 23-Gull Bay	6/20/2010	epi	21	13	1	1	1	0	0	0									
199.23	L George Site 23-Gull Bay	7/9/2010	epi	24	13	1	1	1	0	0	0									
199.23	L George Site 23-Gull Bay	7/24/2010	epi	26	15	1	1	1	0	0	0									
199.23	L George Site 23-Gull Bay	8/9/2010	epi	26	15	1	1	1	0	0	0									
199.23	L George Site 23-Gull Bay	8/24/2010	epi	23	18	1	1	1	0	0	0									
199.23	L George Site 23-Gull Bay	9/10/2010	epi	23	20	1	1	1	0	0										
199.23	L George Site 23-Gull Bay	9/26/2010	epi	20	16	1	1	1	0	0	0									
199.23	L George Site 23-Gull Bay	10/12/2010	epi	17	16	1	1	1	0	0	0									
199.23	L George Site 23-Gull Bay	6/19/2011	epi	26	21	1	1	1	0	0	0	1.50	0.50							
199.23	L George Site 23-Gull Bay	7/5/2011	epi	25	24	1	1	1	0	0	0	1.00	0.10							
199.23	L George Site 23-Gull Bay	7/21/2011	epi	27	27	1	1	1	0	0	0	6.60	1.00							
199.23	L George Site 23-Gull Bay	8/7/2011	epi	27	26					0	0	6.30	0.60							
199.23	L George Site 23-Gull Bay	8/22/2011	epi	23	25	1	1	1	0	0	0	0.80	0.20							
199.23	L George Site 23-Gull Bay	9/2/2011	epi	20	22	1	1	1	0	0	0	1.20	0.10							
199.23	L George Site 23-Gull Bay	9/18/2011	epi	19	21	1	1	1	0	0	0	3.60	0.40							
199.23	L George Site 23-Gull Bay	10/3/2011	epi	22	19	1	1	1	5	0	0	2.20	0.60							
199.23	L George Site 23-Gull Bay	6/11/2012	epi	27	21	1	1	1	0	0	0	0.30	0.20	<0.30	<0.413		0.56	0.23	I	
199.23	L George Site 23-Gull Bay	6/28/2012	epi		25	1	1	1	0	0	0	-1.00	0.00	<0.30	<0.423		0.72	0.58	I	
199.23	L George Site 23-Gull Bay	7/14/2012	epi	30	28	1	1	1	0	0	0	-0.60	0.10	<0.30	<0.292		1.29	0.99	I	
199.23	L George Site 23-Gull Bay	7/29/2012	epi	28	26	1	1	1	0	0	0	2.10	0.10	<0.30	<0.292		1.26	0.80	I	
199.23	L George Site 23-Gull Bay	8/16/2012	epi	26	27	1	1	1	0	0	0	3.30	0.20	0.33	<0.551		2.58	1.46	I	
199.23	L George Site 23-Gull Bay	8/31/2012	epi			1	1	1	0	0	0	-0.20	0.20	<0.30	<0.580		2.02	1.27	I	
199.23	L George Site 23-Gull Bay	9/20/2012	epi	24	23	1	1	1	0	0	0	2.20	0.30	<0.30	<3.205		7.82	5.22	I	
199.23	L George Site 23-Gull Bay	10/2/2012	epi	20	20	1	1	1	0	0	0	1.50	0.30	<0.30	<3.205		1.47	0.25		
199.23	L George Site 23-Gull Bay	6/17/2013	epi	27	26	1	1	1	0	0	0	0.10	0.30	<0.30	<0.370		0.00	0.00	I	I
199.23	L George Site 23-Gull Bay	7/3/2013	epi	23	18	1	1	1	0	0	0	0.05	0.40	<0.30	<0.510		0.10	0.00		
199.23	L George Site 23-Gull Bay	7/18/2013	epi	30	28	1	1	1	0	0	0	0.70	0.40	<0.30	<0.370		0.10	0.00	I	
199.23	L George Site 23-Gull Bay	8/8/2013	epi	24	25	1	1	2	0			2.30	0.40	<0.30	<0.380		0.10	0.10	I	
199.23	L George Site 23-Gull Bay	8/21/2013	epi	25	26	1	1	1	0	0	0	1.40	0.50	0.37	<0.650					
199.23	L George Site 23-Gull Bay	9/2/2013	epi	26	25	1	1	1	0	0	0	1.20	0.30	<0.30	<1.100		0.00	0.00	I	
199.23	L George Site 23-Gull Bay	9/12/2013	epi	27	25	1	1	1	0	0	0	0.20	0.40	<0.30	<0.100		0.00	0.00	I	
199.23	L George Site 23-Gull Bay	9/30/2013	epi	19	21	1	1	1	0	0	0	0.90	0.40	<0.30	<0.100		0.10	0.00	I	
199.23	L George Site 23-Gull Bay	6/8/2014	epi	20		2	1	1	0	0	0	0.10	0.50	<1.83	<0.17	<0.001	0.00	0.00	i	i
199.23	L George Site 23-Gull Bay	6/21/2014	epi	21		1	1	1	0	0	0	0.10	0.10	<0.58	<0.44	<0.002	0.00	0.00	i	i
199.23	L George Site 23-Gull Bay	7/10/2014	epi	25	24							0.10	0.10	<0.39	<0.21	<0.003	0.00	0.00		
199.23	L George Site 23-Gull Bay	7/23/2014	epi	26	25	1	1	1	0	0	0	0.05	0.10	<0.63	<0.03	<0.001	0.10	0.10	i	i
199.23	L George Site 23-Gull Bay	8/8/2014	epi	28	25	1	1	1	0	0	0	1.10	0.10	<0.35	<0.10	<0.002	0.00	0.00	i	i

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form	Shore HAB
199.23	L George Site 23-Gull Bay	9/2/2014	epi	26	24	1	1	1	0	0	0	0.80	0.10	<0.29	<0.14	<0.002	0.12	0.00	i	i
199.23	L George Site 23-Gull Bay	9/15/2014	epi	20	20	1	1	1	0	0	0	0.90	0.10	<0.70	<0.03	<0.001	0.15	0.00	i	i
199.23	L George Site 23-Gull Bay	9/29/2014	epi	20	19	1	1	1	0	0	0	1.10	0.10	<0.59	<0.85	<0.001	0.14	0.00	i	i
199.23	L George Site 23-Gull Bay	6/19/2007	hypo		15															
199.23	L George Site 23-Gull Bay	7/3/2007	hypo		14															
199.23	L George Site 23-Gull Bay	7/16/2007	hypo		15															
199.23	L George Site 23-Gull Bay	8/1/2007	hypo		14															
199.23	L George Site 23-Gull Bay	8/20/2007	hypo		13															
199.23	L George Site 23-Gull Bay	8/31/2007	hypo		16															
199.23	L George Site 23-Gull Bay	9/12/2007	hypo		15															
199.23	L George Site 23-Gull Bay	10/3/2007	hypo		16															
199.23	L George Site 23-Gull Bay	6/29/2008	hypo		12															
199.23	L George Site 23-Gull Bay	7/14/2008	hypo		15															
199.23	L George Site 23-Gull Bay	7/28/2008	hypo		15															
199.23	L George Site 23-Gull Bay	8/12/2008	hypo		13															
199.23	L George Site 23-Gull Bay	8/31/2008	hypo		15															
199.23	L George Site 23-Gull Bay	9/16/2008	hypo		16															
199.23	L George Site 23-Gull Bay	9/27/2008	hypo		15															
199.23	L George Site 23-Gull Bay	10/8/2008	hypo		17															
199.23	L George Site 23-Gull Bay	07/05/2009	hypo		15															
199.23	L George Site 23-Gull Bay	07/16/2009	hypo		15															
199.23	L George Site 23-Gull Bay	08/03/2009	hypo		17															
199.23	L George Site 23-Gull Bay	08/17/2009	hypo		17															
199.23	L George Site 23-Gull Bay	09/02/2009	hypo		17															
199.23	L George Site 23-Gull Bay	09/15/2009	hypo		16															
199.23	L George Site 23-Gull Bay	09/28/2009	hypo		17															
199.23	L George Site 23-Gull Bay	09/28/2009	hypo		18															
199.23	L George Site 23-Gull Bay	6/19/2011	hypo		17															
199.23	L George Site 23-Gull Bay	7/21/2011	hypo		17															
199.23	L George Site 23-Gull Bay	8/22/2011	hypo		15															
199.23	L George Site 23-Gull Bay	9/18/2011	hypo		19															
199.23	L George Site 23-Gull Bay	6/11/2012	hypo		14															
199.23	L George Site 23-Gull Bay	6/28/2012	hypo		15															
199.23	L George Site 23-Gull Bay	8/16/2012	hypo		17															
199.23	L George Site 23-Gull Bay	9/20/2012	hypo		15															
199.23	L George Site 23-Gull Bay	10/2/2012	hypo		14															
199.23	L George Site 23-Gull Bay	6/17/2013	hypo		18															
199.23	L George Site 23-Gull Bay	7/3/2013	hypo		14															
199.23	L George Site 23-Gull Bay	7/18/2013	hypo		15															
199.23	L George Site 23-Gull Bay	8/8/2013	hypo		16															
199.23	L George Site 23-Gull Bay	8/21/2013	hypo		23															
199.23	L George Site 23-Gull Bay	9/2/2013	hypo		19															
199.23	L George Site 23-Gull Bay	9/12/2013	hypo		16															
199.23	L George Site 23-Gull Bay	6/8/2014	hypo																	
199.23	L George Site 23-Gull Bay	6/21/2014	hypo																	
199.23	L George Site 23-Gull Bay	7/10/2014	hypo		11															
199.23	L George Site 23-Gull Bay	7/23/2014	hypo		12															
199.23	L George Site 23-Gull Bay	8/8/2014	hypo		11															
199.23	L George Site 23-Gull Bay	9/2/2014	hypo		19															
199.23	L George Site 23-Gull Bay	9/15/2014	hypo		15															
199.23	L George Site 23-Gull Bay	9/29/2014	hypo		13															

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form
199.24	L George Site 24 Hearts Bay	7/31/2005	epi	28	25	1	1	1	0										
199.24	L George Site 24 Hearts Bay	8/27/2005	epi	25	24	1	1	1	5										
199.24	L George Site 24 Hearts Bay	9/12/2005	epi	26	26	1	3	1	5										
199.24	L George Site 24 Hearts Bay	10/2/2005	epi	28	20	1	2	1	0										
199.24	L George Site 24 Hearts Bay	7/16/2006	epi	30	25	1	2	1	0										
199.24	L George Site 24 Hearts Bay	7/30/2006	epi	25	25	1	1	1	0										
199.24	L George Site 24 Hearts Bay	8/20/2006	epi	23	22	1	2	1											
199.24	L George Site 24 Hearts Bay	8/28/2006	epi	24	22	1	1	1	0										
199.24	L George Site 24 Hearts Bay	10/7/2006	epi	21	17	1	2	1	0										
199.24	L George Site 24 Hearts Bay	7/21/2007	epi	25	22	1		1	5										
199.24	L George Site 24 Hearts Bay	7/28/2007	epi	25	25	1	2	1	0										
199.24	L George Site 24 Hearts Bay	8/5/2007	epi	25	25	1	2	1	0										
199.24	L George Site 24 Hearts Bay	8/13/2007	epi	25	23	1	2	1	0										
199.24	L George Site 24 Hearts Bay	8/27/2007	epi	25	23	1	3	1	0										
199.24	L George Site 24 Hearts Bay	9/3/2007	epi	26	22	1	3	1	0										
199.24	L George Site 24 Hearts Bay	7/19/2008	epi	29	24	1	2	1	0										
199.24	L George Site 24 Hearts Bay	7/26/2008	epi	25	23	1	1	1	0										
199.24	L George Site 24 Hearts Bay	8/2/2008	epi	24	23	1	1	1	5										
199.24	L George Site 24 Hearts Bay	8/16/2008	epi	29	24	1	1	1	0										
199.24	L George Site 24 Hearts Bay	8/23/2008	epi	25	23	1	1	1	0										
199.24	L George Site 24 Hearts Bay	9/6/2008	epi	25	20	1	1	1	8										
199.24	L George Site 24 Hearts Bay	9/13/2008	epi	25	20	1	1	1	5										
199.24	L George Site 24 Hearts Bay	9/20/2008	epi	24	20	1	1	1	5										
199.24	L George Site 24 Hearts Bay	08/01/2009	epi	30	24	1	3	1											
199.24	L George Site 24 Hearts Bay	08/10/2009	epi	35	25	1	3	1	0										
199.24	L George Site 24 Hearts Bay	08/27/2009	epi	23	23	1	3	1	0			8.58							
199.24	L George Site 24 Hearts Bay	09/14/2009	epi	20	20	1	3	1	0			11.4							
199.24	L George Site 24 Hearts Bay	7/4/2010	epi	30	26	1	2	1	0	3	0								
199.24	L George Site 24 Hearts Bay	7/17/2010	epi	26	25	1	3	1	0	0	0	9.02							
199.24	L George Site 24 Hearts Bay	7/31/2010	epi	30	25	1	3	1	0	0	0								
199.24	L George Site 24 Hearts Bay	8/21/2010	epi	20	20	1	3		0	0	0								
199.24	L George Site 24 Hearts Bay	9/3/2010	epi	28	20	1	3	1	0	0	0								
199.24	L George Site 24 Hearts Bay	9/18/2010	epi	19	20	1	3	1	0	0	0								
199.24	L George Site 24 Hearts Bay	10/8/2010	epi	12	11	1	3	1	0	0	0								
199.24	L George Site 24 Hearts Bay	6/18/2011	epi	22	19	1	1	1	0	0	0	2.00	0.40						
199.24	L George Site 24 Hearts Bay	7/2/2011	epi	24	20	1	1	1	0	0	0	2.20	0.40						
199.24	L George Site 24 Hearts Bay	7/12/2011	epi	32	21	1	2	1	0	0	0	5.50	0.50						
199.24	L George Site 24 Hearts Bay	7/27/2011	epi	25	23	1	2	1	0	0	0	3.50	0.40						
199.24	L George Site 24 Hearts Bay	8/29/2011	epi	20	18		2	2	0	0	0	2.40	0.70						i
199.24	L George Site 24 Hearts Bay	9/11/2011	epi	18	19	1	1	1	0	0	0	2.80	0.30						
199.24	L George Site 24 Hearts Bay	9/26/2011	epi	18	19	1	2	1	0	0	0	2.30	1.00						
199.24	L George Site 24 Hearts Bay	10/2/2011	epi	10	18	1	2	1	0	0		7.40	0.80						
199.24	L George Site 24 Hearts Bay	7/1/2012	epi	25	23	1	1	1	0	0	0	0.50		<0.30	<0.392		0.89	0.00	I
199.24	L George Site 24 Hearts Bay	7/16/2012	epi		25	1	2	1	0	0	0	-0.10		<0.30	<0.292		0.81	0.63	I
199.24	L George Site 24 Hearts Bay	7/28/2012	epi	29	25	1	2	1	0	0	0	1.10		<0.30	<0.292		1.01	0.45	I
199.24	L George Site 24 Hearts Bay	8/18/2012	epi	25	25	1	3	1	0	0	0	0.70		0.33	<0.551		1.01	0.94	I
199.24	L George Site 24 Hearts Bay	8/27/2012	epi	33	25	1	3	1	0	0	0	0.50		0.41	<0.551		1.79	1.40	I
199.24	L George Site 24 Hearts Bay	9/2/2012	epi	30	24	1	3	1	0	0	0	1.70		<0.30	<0.580		0.84	0.69	I
199.24	L George Site 24 Hearts Bay	9/17/2012	epi	24	20	1	2	1	0	0	0	0.70		<0.30	<3.205		0.14	0.00	I
199.24	L George Site 24 Hearts Bay	10/8/2012	epi	10	15	1	2	1	0	0	0	0.90		<0.30	<3.205		0.48	0.00	I
199.24	L George Site 24 Hearts Bay	7/16/2006	hypo		15														
199.24	L George Site 24 Hearts Bay	7/30/2006	hypo		15														
199.24	L George Site 24 Hearts Bay	8/20/2006	hypo		15														
199.24	L George Site 24 Hearts Bay	8/28/2006	hypo		15														
199.24	L George Site 24 Hearts Bay	10/7/2006	hypo		15														
199.24	L George Site 24 Hearts Bay	7/21/2007	hypo		15														
199.24	L George Site 24 Hearts Bay	7/28/2007	hypo		16														
199.24	L George Site 24 Hearts Bay	8/5/2007	hypo		26														
199.24	L George Site 24 Hearts Bay	8/13/2007	hypo		15														
199.24	L George Site 24 Hearts Bay	8/27/2007	hypo		19														
199.24	L George Site 24 Hearts Bay	9/3/2007	hypo		19														

LNum	PName	Date	Type	TAir	TH20	QA	QB	QC	QD	QF	QG	AQ-PC	AQ-Chla	MC-LR	Ana-a	Cylin	FP-Chl	FP-BG	HAB form
199.24	L George Site 24 Hearts Bay	7/19/2008	hypo		15														
199.24	L George Site 24 Hearts Bay	7/26/2008	hypo		15														
199.24	L George Site 24 Hearts Bay	8/2/2008	hypo		15														
199.24	L George Site 24 Hearts Bay	8/16/2008	hypo		15														
199.24	L George Site 24 Hearts Bay	8/23/2008	hypo		15														
199.24	L George Site 24 Hearts Bay	9/13/2008	hypo		20														
199.24	L George Site 24 Hearts Bay	08/01/2009	hypo		15														
199.24	L George Site 24 Hearts Bay	08/10/2009	hypo		15														
199.24	L George Site 24 Hearts Bay	08/27/2009	hypo		14														
199.24	L George Site 24 Hearts Bay	09/14/2009	hypo		15														
199.24	L George Site 24 Hearts Bay	7/4/2010	hypo		15														
199.24	L George Site 24 Hearts Bay	7/31/2010	hypo		15														
199.24	L George Site 24 Hearts Bay	9/3/2010	hypo		15														
199.24	L George Site 24 Hearts Bay	9/18/2010	hypo		15														
199.24	L George Site 24 Hearts Bay	10/8/2010	hypo		15														
199.24	L George Site 24 Hearts Bay	6/18/2011	hypo		15														
199.24	L George Site 24 Hearts Bay	7/12/2011	hypo		15														
199.24	L George Site 24 Hearts Bay	8/29/2011	hypo		16														
199.24	L George Site 24 Hearts Bay	7/1/2012	hypo		14														
199.24	L George Site 24 Hearts Bay	7/16/2012	hypo		15														
199.24	L George Site 24 Hearts Bay	7/28/2012	hypo		14														
199.24	L George Site 24 Hearts Bay	8/18/2012	hypo		16														
199.24	L George Site 24 Hearts Bay	8/27/2012	hypo		15														
199.24	L George Site 24 Hearts Bay	9/2/2012	hypo		17														
199.24	L George Site 24 Hearts Bay	9/17/2012	hypo		20														

Legend Information

Indicator	*Description*	*Detection Limit*	*Standard (S) / Criteria (C)*
General Information			
Lnum	lake number (unique to CSLAP)		
Lname	name of lake (as it appears in the Gazetteer of NYS Lakes)		
Date	sampling date		
Field Parameters			
Zbot	lake depth at sampling point, meters (m)		
Zsd	Secchi disk transparency or clarity	0.1m	1.2m (C)
Zsamp	water sample depth (m) (epi = epilimnion or surface; bot = bottom)	0.1m	none
Tair	air temperature (C)	-10C	none
TH20	water temperature (C)	-10C	none
Laboratory Parameters			
Tot.P	total phosphorus (mg/l)	0.003 mg/l	0.020 mg/l (C)
NOx	nitrate + nitrite (mg/l)	0.01 mg/l	10 mg/l NO3 (S), 2 mg/l NO2 (S)
NH4	total ammonia (mg/l)	0.01 mg/l	2 mg/l NH4 (S)
TN	total nitrogen (mg/l)	0.01 mg/l	none
TN/TP	nitrogen to phosphorus (molar) ratio, = (TKN + NOx)*2.2/TP		none
TCOLOR	true (filtered) color (ptu, platinum color units)	1 ptu	none
pH	powers of hydrogen (S.U., standard pH units)	0.1 S.U.	6.5, 8.5 S.U. (S)
Cond25	specific conductance, corrected to 25C (umho/cm)	1 umho/cm	none
Ca	calcium (mg/l)	1 mg/l	none
Chl.a	chlorophyll a (ug/l)	0.01 ug/l	none
Fe	iron (mg/l)	0.1 mg/1	1.0 mg/l (S)
Mn	manganese (mg/l)	0.01 mg/l	0.3 mg/l (S)
As	arsenic (ug/l)	1 ug/l	10 ug/l (S)
AQ-PC	Phycocyanin (aquaflor) (unitless)	1 unit	none
AQ-Chl	Chlorophyll *a* (aquaflor) (ug/l)	1 ug/l	none
MC-LR	Microcystis-LR (ug/l)	0.01 ug/l	1 ug/l potable (C) 20 ug/l swimming (C)
Ana	Anatoxin-a (ug/l)	variable	none
Cyl	Cylindrospermposin (ug/l)	0.1 ug/l	none
FP-Chl, FP-BG	Fluoroprobe total chlorophyll, fluoroprobe blue-green chlorophyll (ug/l)	0.1 ug/l	none
Lake Assessment			
QA	water quality assessment; 1 = crystal clear, 2 = not quite crystal clear, 3 = definite algae greenness, 4 = high algae levels, 5 = severely high algae levels		
QB	aquatic plant assessment; 1 = no plants visible, 2 = plants below surface, 3 = plants at surface, 4 = plants dense at surface, 5 = surface plant coverage		
QC	recreational assessment; 1 = could not be nicer, 2 = excellent, 3 = slightly impaired, 4 = substantially impaired, 5 = lake not usable		
QD	reasons for recreational assessment; 1 = poor water clarity, 2 = excessive weeds, 3 = too much algae, 4 = lake looks bad, 5 = poor weather, 6 = litter/surface debris, 7 = too many lake users, 8 = other		
QF, QG	Health and safety issues today (QF) and past week (QG); 0 = none, 1 = taste/odor, 2 = GI illness humans/animals, 3 = swimmers itch, 4 = algae blooms, 5 = dead fish, 6 = unusual animals, 7 = other		
HAB form, Shore HAB	HAB evaluation; A = spilled paint, B = pea soup, C = streaks, D = green dots, E = bubbling scum, F = green/brown tint, G = duckweed, H = other, I = no bloom		

Appendix B- Priority Waterbody Listing for Lake George

Lake George (1006-0016) — Impaired Seg

Waterbody Location Information

Revised: 06/11/2009

Water Index No:	C-101-P367	**Drain Basin:**	Lake Champlain
Hydro Unit Code:	02010001/190 **Str Class:** AAspcl		Champlain-Lk.George
Waterbody Type:	Lake (Oligotrophic)	**Reg/County:**	5/Warren Co. (57) ...
Waterbody Size:	28523.1 Acres	**Quad Map:**	LAKE GEORGE (H-26-1)
Seg Description:	entire lake		

Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Water Supply	Threatened	Known
RECREATION	Impaired	Known
Habitat/Hydrolgy	Stressed	Known

Type of Pollutant(s)

Known:	SILT/SEDIMENT, PROBLEM SPECIES (milfoil, zebra mussels)
Suspected:	Restricted Passage
Possible:	Pathogens

Source(s) of Pollutant(s)

Known:	DEICING (STOR/APPL), STREAMBANK EROSION, URBAN/STORM RUNOFF, Roadbank Erosion
Suspected:	On-Site/Septic Syst
Possible:	Construction

Resolution/Management Information

Issue Resolvability: 2 (Strategy Exists, Needs Funding/Resources)
Verification Status: 5 (Management Strategy has been Developed)
Lead Agency/Office: DOW/Reg5 **Resolution Potential:** High
TMDL/303d Status: 1,4c (Individual Waterbody Impairment Requiring a TMDL, more)

Further Details

Overview
Recreational uses and habitat/hydrology in Lake George have been listed as impaired by silt/sediment and problem species (invasive plants). Urban/storm runoff, streambank erosion and road deicing practices have been identified as sources of silt/sediment in the lake. Invasive aquatic plants (Eurasian milfoil, in particular) have been cited as restricting recreation. Threats from zebra mussels are also a concern. Navigation buoys are used to restrict areas of the lake to recreational boating due to tributary stream deltas and large milfoil beds. Other threats include impacts from failing and/or inadequate on-site septic system and the overall level of development along the lake shore, particularly at the southern end of the lake.

Lake George has been designated a Class AA-special water, suitable for use as a drinking water supply. The Class AA-special designation also means there shall be no discharge or disposal of sewage, industrial wastes, or other wastes into these waters. As a result of this designation, the lake is considered a highly valued resource and, as such, may be subject to special protections.

Water Quality Sampling

Lake George has been sampled (at multiple locations) as part of the NYSDEC Citizen Statewide Lake Assessment Program (CSLAP) beginning in 2004 and continuing through the present. An Interpretive Summary report of the findings of this sampling was published in 2007. These data indicate that the lake continues to be best characterized as oligotrophic, or unproductive. Lake productivity appears to increase from south to north. Phosphorus levels in the lake are typically below the state guidance values indicating impacted/stressed recreational uses. Corresponding transparency measurements easily exceed the recommended minimum for swimming beaches. Measurements of pH typically fall within the state water quality range of 6.5 to 8.5. The lake water is slightly colored, but color does not limit water transparency. (DEC/DOW, BWAM/CSLAP, April 2007)

Recreational Assessment
Public perception of the lake and its uses is also evaluated as part of the CSLAP program. This assessment indicates recreational suitability of the lake to be very favorable at all but one site. The recreational suitability of the lake is described most frequently as "could not be nicer" for most sites The lake itself is most often described as "crystal clear" at these sites. At the southernmost site these assessments reflected recreational suitability as being "excellent" to "slightly" impacted for recreational uses. The lake at this site was most often described as "not quite crystal clear" or "having definite algal greenness" despite water quality conditions similar to those at the other sites. Aquatic weed growth was noted as a problem at only one (again, the southernmost) of six sites. Recreational assessments cited "excessive weed growth" as limiting uses, although surface weed growth was not observed during the sampling. Aquatic plants include invasive species (Eurasian milfoil) and have been cited as impacting recreational uses. (DEC/DOW, BWAM/CSLAP, April 2007)

Lake Uses
This lake waterbody is designated class AA-special, suitable for use as a water supply, public bathing beach, general recreation and aquatic life support. The Class AA-special designation also means there shall be no discharge or disposal of sewage, industrial wastes, or other wastes into these waters. Water quality monitoring by NYSDEC focuses primarily on support of general recreation and aquatic life. Samples to evaluate the bacteriological condition and bathing use of the lake or to evaluate contamination from organic compounds, metals or other inorganic pollutants have not been collected as part of the CSLAP monitoring program. Monitoring to assess potable water supply and public bathing use is generally the responsibility of state and/or local health departments.

Source (Drinking) Water Assessment
A source water assessment of Lake George found a moderate susceptibility to contamination for this source of drinking water. This level of susceptibility is typical of many water supplies that experience no impacts to water supply use and reflects the need to protect the resource. This assessment was conducted through the NYSDOH Source Waters Assessment Program (SWAP) which compiles, organizes, and evaluates information regarding possible and actual threats to the quality of public water supply (PWS) sources. The information contained in SWAP assessment reports assists in the oversight and protection of public water systems. It is important to note that SWAP reports estimate the potential for untreated drinking water sources to be impacted by contamination and do not address the quality of treated finished potable tap water. This water supply source provides water multiple users. (NYSDOH, Source Water Assessment Program, 2005)

Source Assessment
Sediment loadings to the lake from streambank erosion, winter road sanding (and salting) and construction activities in the lake watershed also affect uses. Areas of roadbank erosion have been inventoried through the Warren County Critical Area Treatment Seeding Program. Significant sedimentation deltas have formed at the mouths of many tributary segments, the largest of these being Hague, Indian, Finkle, English, West and Foster Brooks, and to lesser extent East and Prospect Mountain Brooks (Bathymetric Mapping of Selected Delta Areas of Lake George, Eichler etal, Darrin Freshwater Institute, 1999). These deltas impede recreational boat navigation and present opportunities for the establishment of non-native aquatic vegetation. Local efforts to reduce sediment loads to the lake are underway for several tribs. See also various Lake George Tributary segments. (Warren County WQSC, June 2000)

While the lake fishery is considered good, fishery habitat in the lake is affected by sediment as well. Sand applied to roads during the winter and sediment from erosion runs off into tributary streams (and eventually the lake) during spring snowmelt and other high flow events. Once in the streams and lake, sand and silt fills in gravel spawning beds, decreasing salmonid

spawning success, limiting macroinvertebrate production and increasing winter mortality of fish and invertebrates due to loss of escape cover from the effects of anchor ice. Percent embeddedness has been determined to show a reliable correlation to restriction of trout/salmon spawning habitat. Additionally, fish migration and spawning is known to be restricted by the sediment deltas at the mouths of numerous lake tribs. The DEC Region 5 Fisheries Unit plans continued field investigations of the lake and tribs to monitor the extent of propagation impairment. (DEC/DFWMR, Region 5, April 2000)

In other parts of the lake inadequate and/or failing on-site septic systems serving homes along the lake shore are thought to be contributing nutrient and pathogen contamination to the lake. Numerous summer cottages as well as year-round residences coupled with poor site conditions (small lots, inadequate soils) and poorly designed systems appear to be the major problems. Sanitary surveys by the Lake George Park Commission have confirmed the discharge of inadequately treated wastewater to the lake. Even where systems do not discharge to the lake directly, movement of nutrients via groundwater seep is a concern. (Essex County WQCC, June 2000)

Watershed Management

The Lake George Park Commission is currently undertaking the formulation of new regulations on stream corridor management and watershed protection to better protect the water quality of Lake George. More than 25 stakeholder organizations participated through representatives in a public planning effort and series of four workshop meetings. The process produced a literature review, conceptual framework and significant public comment. A Final Generic EIS as well as Draft Stream Corridor Management Regulations are currently available for public review and comment. (Lake George Park Commission, June 2009, http://www.lgpc.state.ny.us)

There are a number of citizen advocacy groups focused on the protection of the water resources of Lake George. The Lake George Association (LGA) is comprised of year-round and seasonal residents, members of the business community and local government representatives. Its stated mission is one of advocacy, education and broad-based community involvement. The LGA advocates a reasoned approach to management of the Lake George watershed to ensure long-term stability of water quality and of the watershed's environmental and economic viability. (http://www.lakegeorgeassociation.org)

The Fund for Lake George pursues its mission through support for long-term scientific research on the lake, advocacy for new protections, and partnerships with other organizations and local governments. The Fund supports long-term scientific research on the water quality of Lake George through a partnership with the RPI Darrin Freshwater Institute. This results in a science-based approach to the protection of Lake George water quality and the overall health of the Lake George watershed. (http://www.fundforlakegeorge.org)

The Lake George Land Conservancy is a land trust that advocates progressive conservation strategies and works with landowners, government officials, conservation partners, volunteers, and supporters to protect water quality of Lake George and to permanently preserve the natural, scenic and recreational resources of the Lake George region. To date, more than 1,300 concerned individuals have helped LGLC and its partners protect more than 48,500 feet of shoreline and 12,530 acres of land around Lake George. (Lake George Land Conservancy, June 2009, http://www.lglc.org)

Previous Studies

A number of water quality studies have been conducted on Lake George; many of which have focused on urban runoff. These include an extensive USEPA National Urban Runoff Program study (Lake George Urban Runoff Study, Sutherland etal, 1983), a more recent stormwater runoff study by NYS Park Management and Research Institute and NYSDEC (Feasibility of Reducing the Impacts of Runoff in Developed Areas of Lake George Park, Hyatt etal, 1995), various RPI Freshwater Institute studies, Darrin Freshwater Institute studies and investigations sponsored by the Warren County Office of Lake George Affairs. An update of the Lake George Watershed Plan has recently been completed. (Warren County WQSC and Essex County WQCC, June 2000)

The lake was the focus of a Phase II Clean Lakes Project in 1989-1993. This effort sought to address various water quality issues including nuisance aquatic vegetation control, stormwater management, environmental monitoring. The project also included a public participation component. (DEC/DOW, Lake Services, 1999)

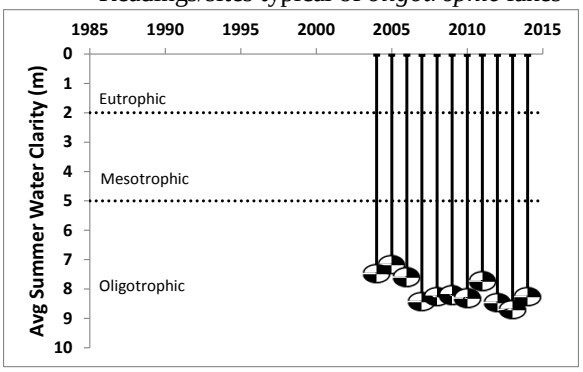
Section 303(d) Listing
Lake George is included on the NYS 2008 Section 303(d) List of Impaired Waters. The lake is included on Part 1 of the List as a waterbody segment requiring the development of a TMDL or other strategy to address impairments due to silt/sediment. This listing is closely related to similar listings for a number of tributary segments to the lake. This waterbody was first listed on the 2002 Section 303(d) List.

Segment Description
This segment includes the total area of Lake George (P367).

Appendix C- Long Term Trends: Lake George- Basin Bay (Reference Site)

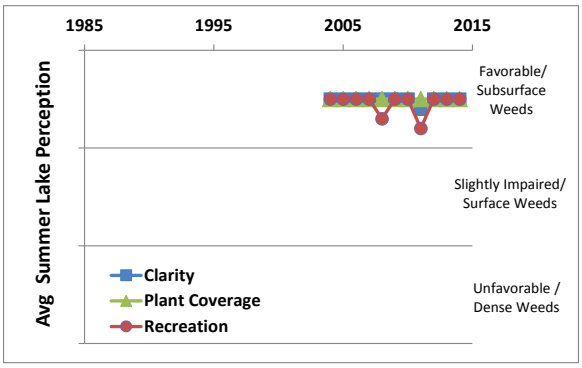
Long Term Trends: Water Clarity

- ↑ Basin Bay and Crown Island, ↓ Diamond Island
- Readings/sites typical of *oligotrophic* lakes



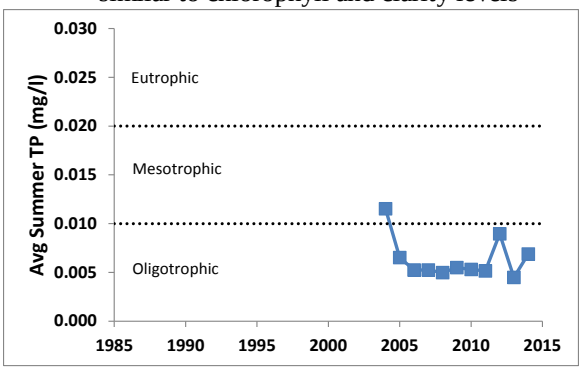
Long Term Trends: Lake Perception

- No trends apparent at any site
- Recreational perception very highly favorable at all sites



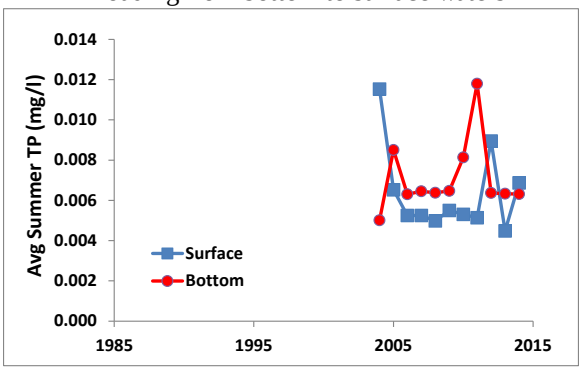
Long Term Trends: Phosphorus

- Slight ↓ Diamond, Crown Island, Gull Bay
- Most readings typical of *oligotrophic* lakes, similar to chlorophyll and clarity levels



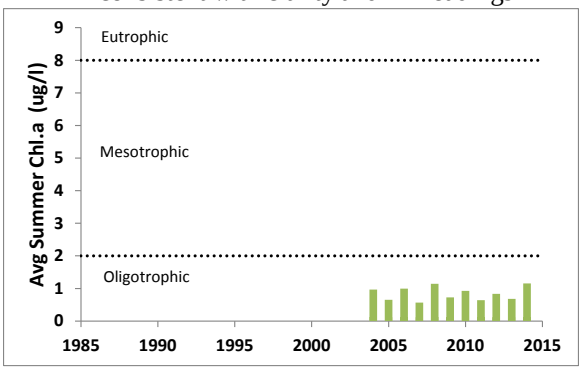
Long Term Trends: Bottom Phosphorus

- In sync with Δ surf P at Diamond/Gull Bay
- Similar readings suggests little nutrient loading from bottom to surface waters



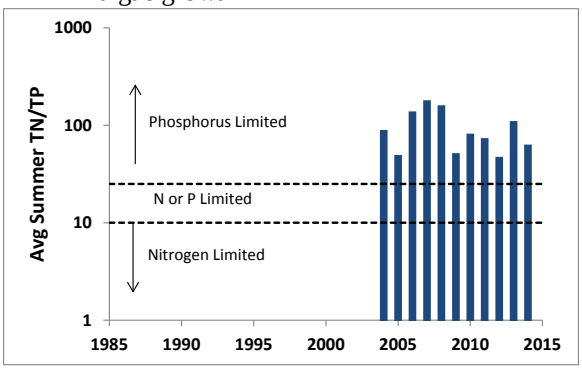
Long Term Trends: Chlorophyll a

- No trends apparent at any sampling sites
- Most readings typical of *oligotrophic* lakes, consistent with clarity and TP readings



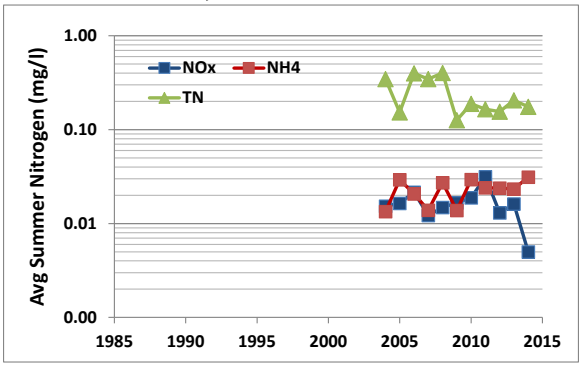
Long Term Trends: N:P Ratio

- Slight ↓ Diamond Island site
- Most readings indicate phosphorus limits algae growth



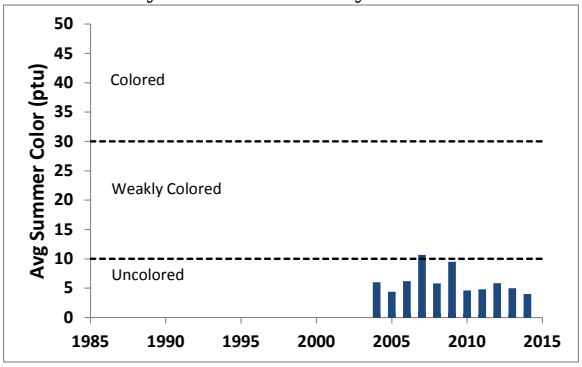
Long Term Trends: Nitrogen

- NH4 ↑ Diamond Isl/Basin Bay, NOx and TN ↓ Basin Bay
- Low NOx, ammonia and TN all sites



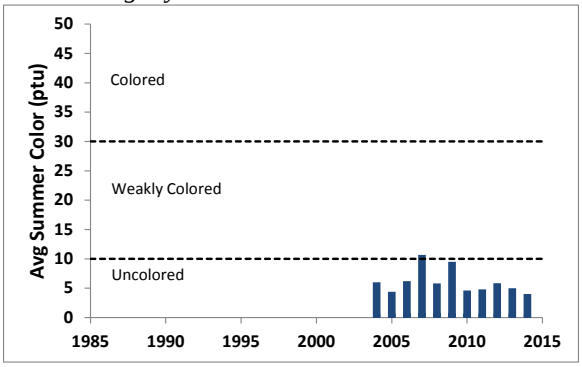
Long Term Trends: Color

- ↓ color Gull BAy
- Most readings typical of *uncolored* lakes; likely no effect on clarity



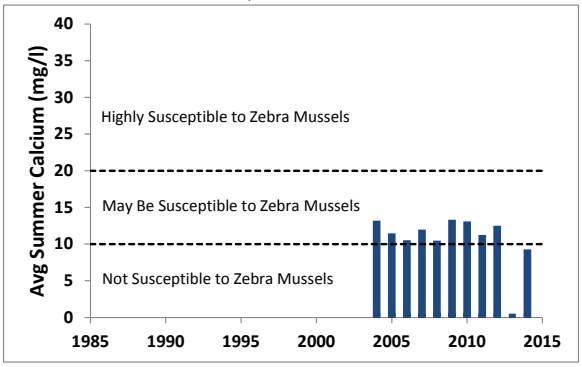
Long Term Trends: pH

- ↓ Diamond Island/Gull Bay, ↑ Basin Bay
- Most readings typical of *circumneutral* to *slightly alkaline* lakes



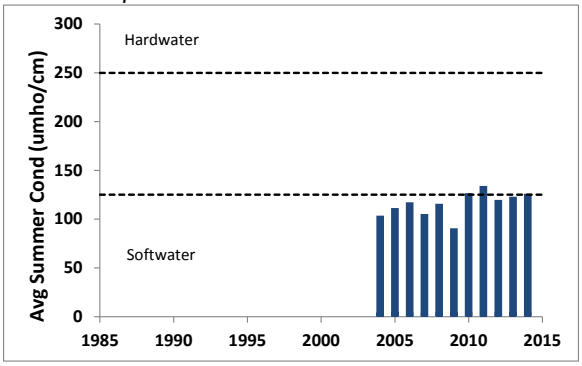
Long Term Trends: Calcium

- ↓ Basin Bay
- Most readings indicate some susceptibility to zebra mussels, found in isolated sites



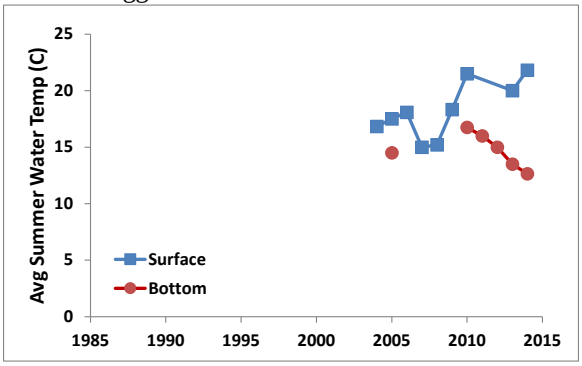
Long Term Trends: Conductivity

- ↑ southern sites (Diamond Island/Basin Bay)
- Most readings still typical of lakes with *softwater*



Long Term Trends: Water Temperature

- ↑ Basin Bay, ↓ Crown Island
- Slightly lower bottom temps at most sites suggests weak thermal stratification



Appendix D:
Algae Testing Results from SUNY ESF Study

Most algae are harmless, naturally present, and an important part of the food web. However excessive algae growth can cause health, recreational, and aesthetic problems. Some algae can produce toxins that can be harmful to people and animals. High quantities of these algae are called harmful algal blooms (HABs). CSLAP lakes have been sampled for a variety of HAB indicators since 2008. This was completed on selected lakes as part of a NYS DOH study from 2008-2010. In 2011, enhanced sampling on all CSLAP lakes was initiated through an EPA-funded project that has continued through the current sampling season. This study has evaluated a number of HAB indicators as follows:

- Algae types - blue green, green, diatoms, and "other"
- Algae densities
- Microscopic analysis of bloom samples
- Algal toxin analysis

Some of these results are reported in other portions of these reports. This appendix the seasonal change in blue green algae, other algae types, and the primary algal toxin (microcystin-LR, a liver toxin). Analysis was completed on open water samples and, for some lakes, shoreline samples that were collected when visual evidence of blooms were apparent. Results are compared to the DEC criteria of 30 ug/l blue green chlorophyll a and 20 ug/l microcystin-LR (based on the World Health Organization (WHO) threshold for unsafe swimming conditions) and the WHO provisional criteria for long-term protection of treated water supplies (= 1 ug/l microcystin-LR). The data for algae types are drawn from a high end fluorometer used by SUNY ESF. While these results are useful for timely approximation of lake conditions, they are not as accurate as the total chlorophyll results measured as a regular part of CSLAP since 1986 in all open water samples. Therefore these results are used judiciously in the assessment of sampled waterbodies.

Two separate samples are evaluated. A sample is taken at the CSLAP sample point at the deepest point of the lake at every sample session. In addition, shoreline samples can be taken when a bloom is visible. It should be noted that shoreline conditions can vary significantly over time and from one location to another. The shoreline bloom sampling results summarized below are not collected as routinely as open water samples, and therefore represent snapshots in time. It is assumed that sampling results showing high blue green algae and/or toxin levels indicate that algae blooms may be common and/or widespread on these lakes. However, the absence of elevated blue green algae and toxin levels does not assure the lack of shoreline blooms on these lakes. Elevated open water readings may indicate a higher likelihood of shoreline blooms, but in some lakes, these shoreline blooms have not been (well) documented.

The results from these samples are summarized within the CSLAP report for the lake.

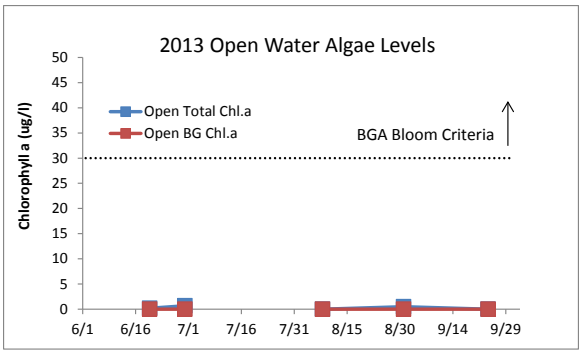


Figure D1: Diamond Island
2013 Open Water Total and BGA Chl.a

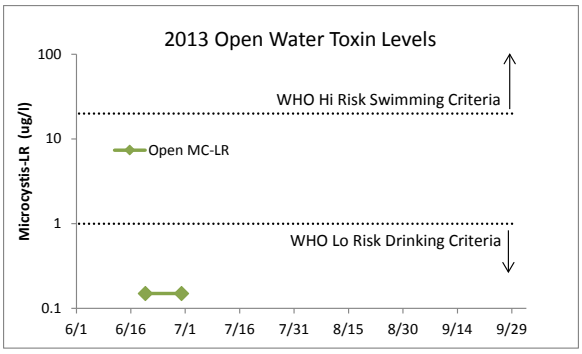


Figure D2: Diamond Island
2013 Open Water Microcystin-LR

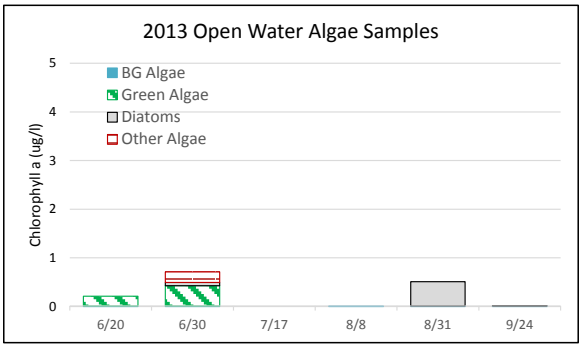


Figure D3: Diamond Island
2013 Open Water Algae Types

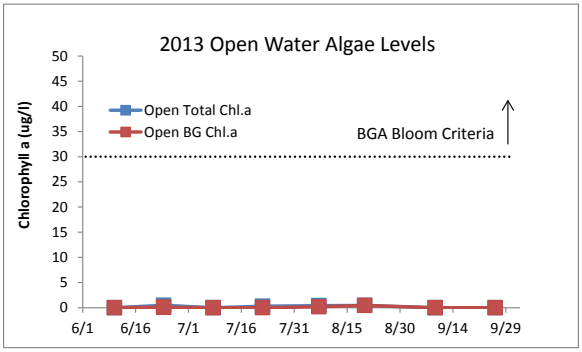


Figure D4: Basin Bay
2013 Open Water Total and BGA Chl.a

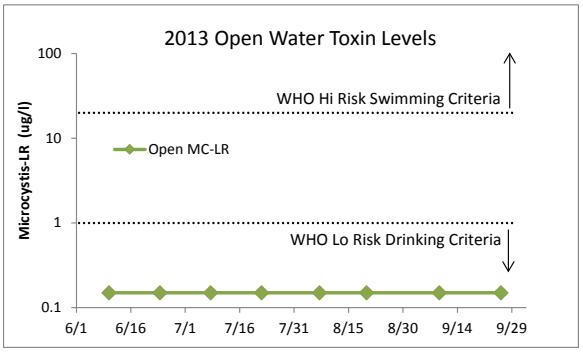


Figure D5: Basin Bay
2013 Open Water Microcystin-LR

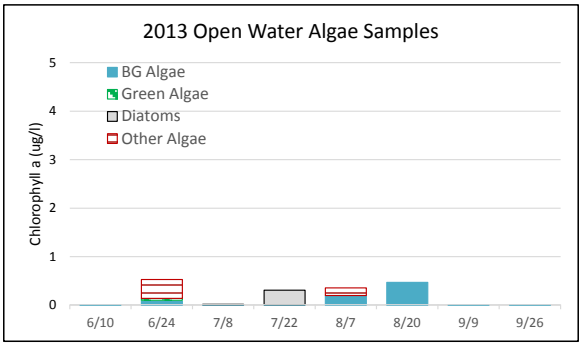


Figure D6: Basin Bay
2013 Open Water Algae Types

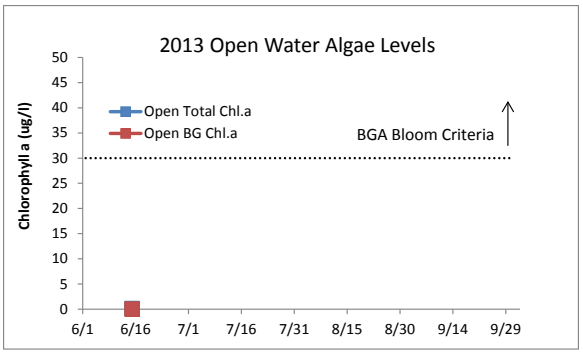


Figure D7: Crown Island
2013 Open Water Total and BGA Chl.a

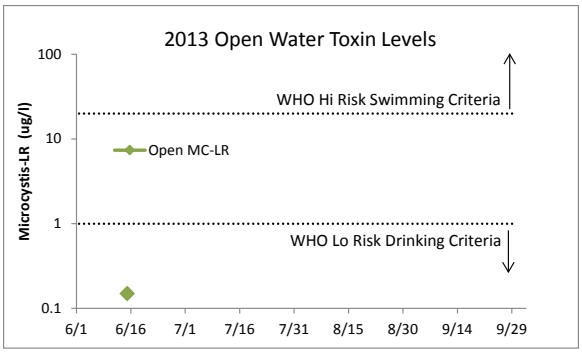


Figure D8: Crown Island
2013 Open Water Microcystin-LR

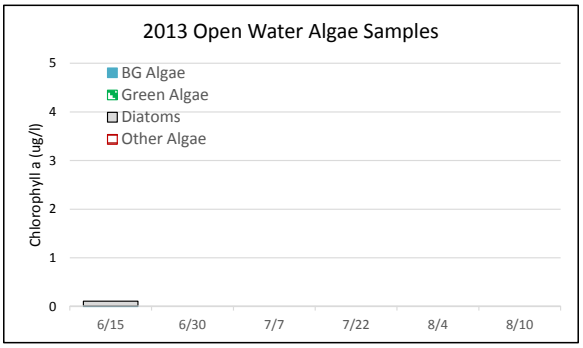


Figure D9: Crown Island
2013 Open Water Algae Types

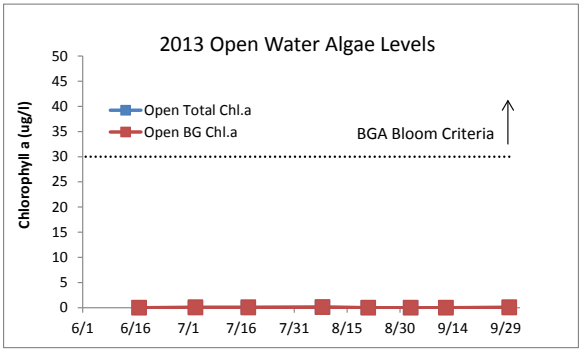


Figure D10: Gull Bay
2013 Open Water Total and BGA Chl.a

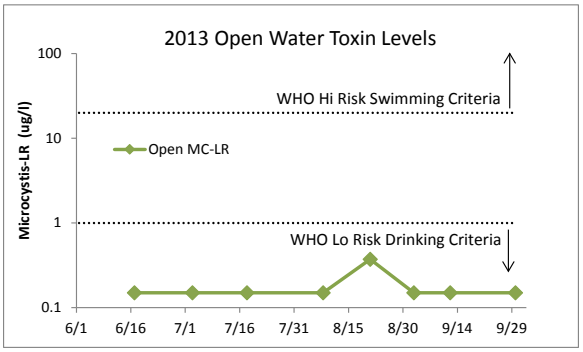


Figure D11: Gull Bay
2013 Open Water Microcystin-LR

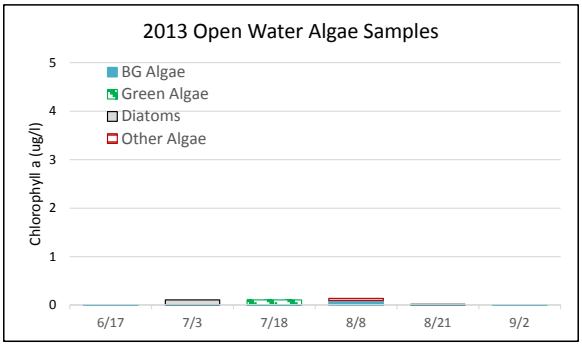


Figure D12: Gull Bay
2013 Open Water Algae Types

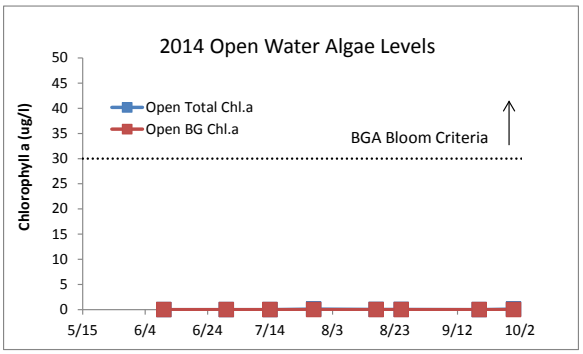


Figure D13: Diamond Island
2014 Open Water Total and BGA Chl.a

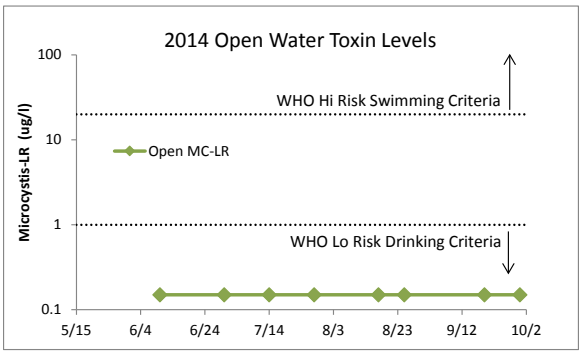


Figure D14: Diamond Island
2014 Open Water Microcystin-LR

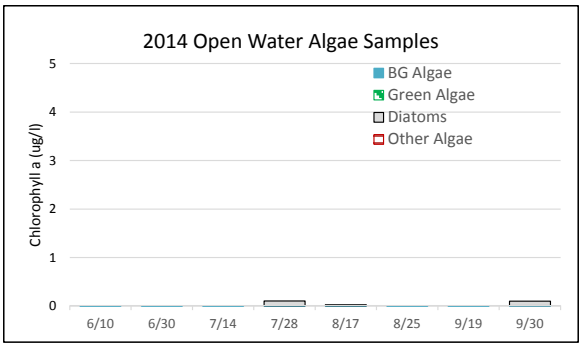


Figure D15: Diamond Island
2014 Open Water Algae Types

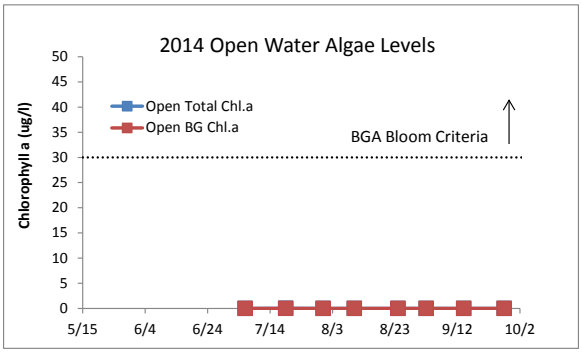


Figure D16: Basin Bay
2014 Open Water Total and BGA Chl.a

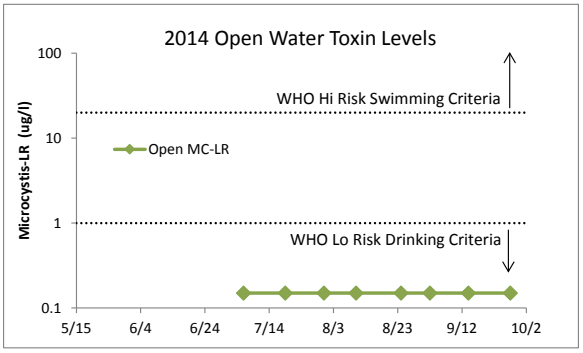


Figure D17: Basin Bay
2014 Open Water Microcystin-LR s

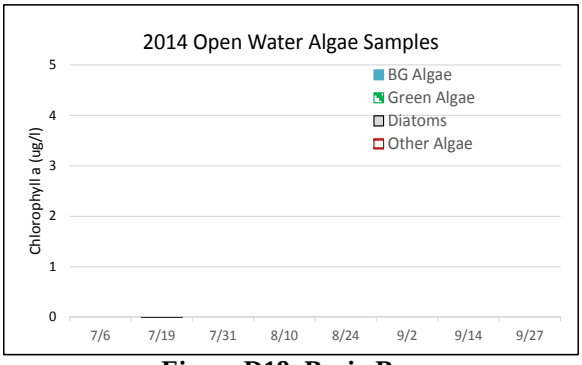


Figure D18: Basin Bay
2014 Open Water Algae Types

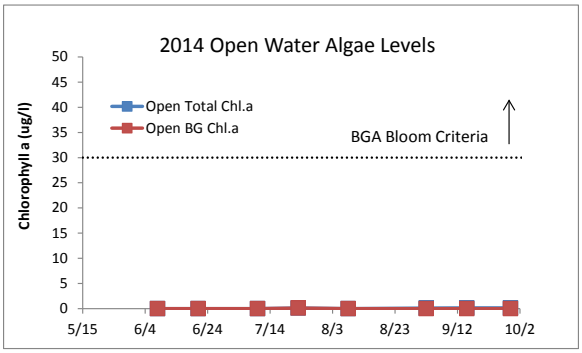


Figure D19: Gull Bay
2014 Open Water Total and BGA Chl.a

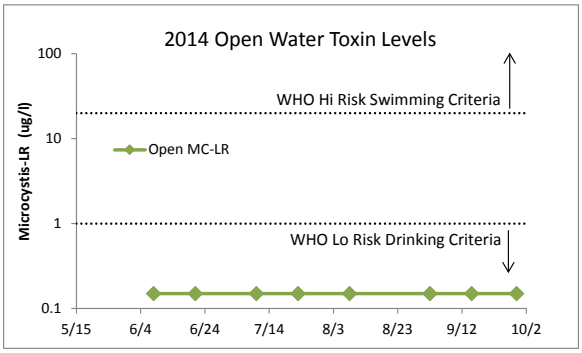


Figure D20: Gull Bay
2014 Open Water Microcystin-LR

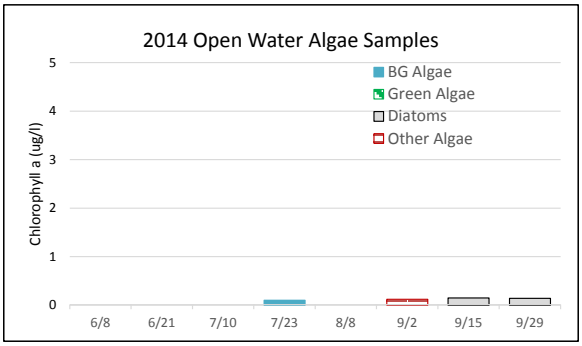


Figure D21: Gull Bay
2014 Open Water Algae Types

Appendix E:
AIS Species in Essex, Warren and Washington County

The table below shows the invasive aquatic plants and animals that have been documented in Essex, Warren and Washington County, as cited in either the iMapInvasives database (http://www.imapinvasives.org/) or in the NYSDEC Division of Water database. These databases may include some, but not all, non-native plants or animals that have not been identified as "Prohibited and Regulated Invasive Species" in New York state regulations (6 NYCRR Part 575; http://www.dec.ny.gov/docs/lands_forests_pdf/islist.pdf).

This list is not complete, but instead represents only those species that have been reported and verified within the county. If any additional aquatic invasive species (AIS) are known or suspected in these or other waterbodies in the county, this information should be reported through iMap invasives or by contacting NYSDEC at dowinfo@dec.ny.gov.

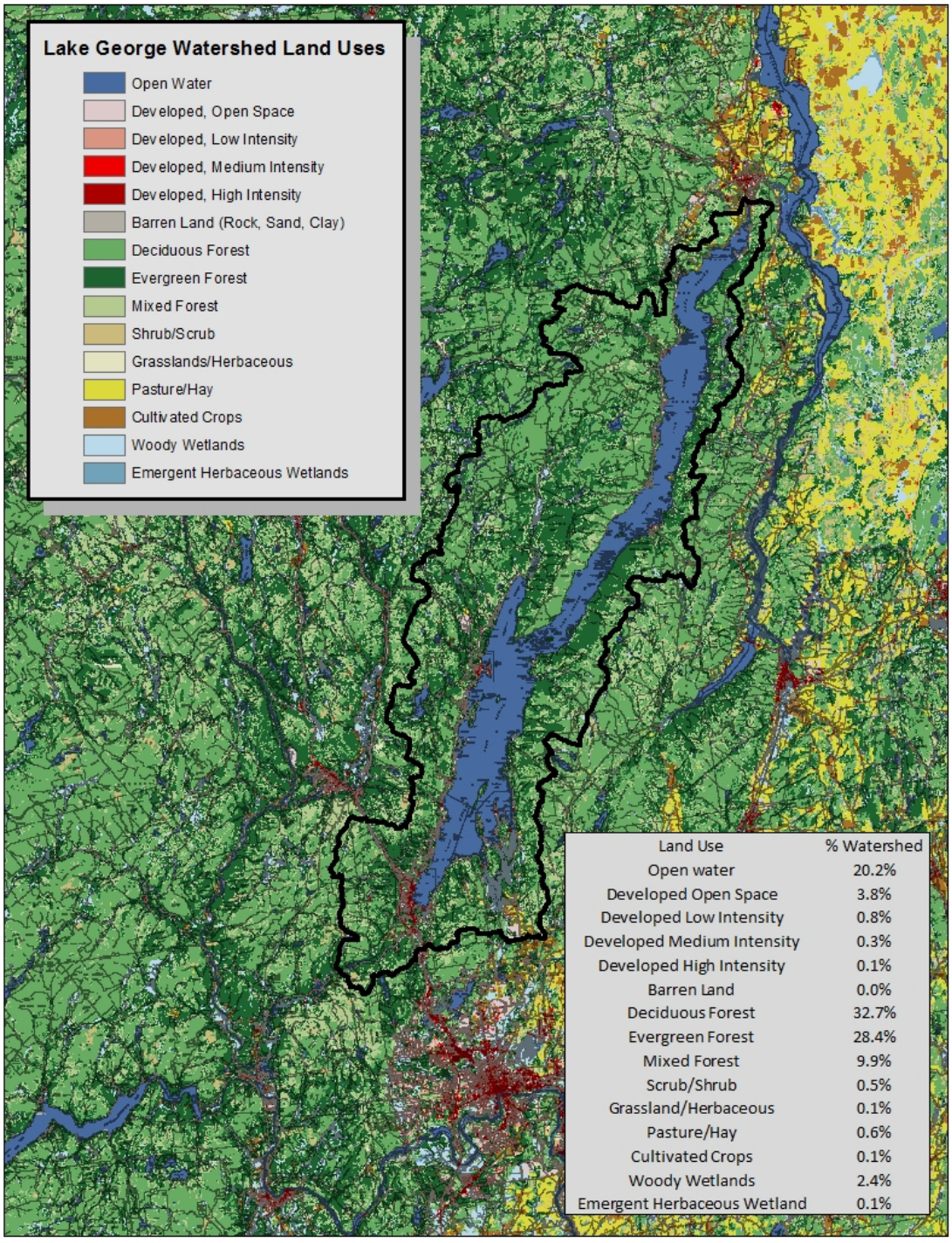
Aquatic Invasive Species – Essex, Warren and Washington County			
Waterbody	**Kingdom**	**Common name**	**Scientific name**
Augur Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Barkley Pond	Plant	Curly leafed pondweed	*Potamogeton crispus*
Barkley Pond	Plant	Water chestnut	*Trapa natans*
Bartlett Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Batten Kill	Animal	Zebra mussel	*Dreissena polymorpha*
Brant Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Brant Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Butternut Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Champlain Canal, Clemons	Plant	European frogbit	*Hydrocharis morsus-ranae*
Champlain Canal, Fort Edward	Animal	Asian Clam	*Corbicula fluminea*
Chapel Pond	Animal	Allegheny crayfish	*Orconectes obscurus*
Cossayuna Lake	Animal	Zebra mussel	*Dreissena polymorpha*
Cossayuna Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Cossayuna Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Crandall Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Daggett Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Eagle Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Finch Marsh	Plant	Water chestnut	*Trapa natans*
Franklin Falls Pond	Plant	Curly leafed pondweed	*Potamogeton crispus*
Franklin Falls Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Friends Lake	Animal	Banded mystery snail	*Viviparus georgianus*
Glen Lake	Animal	Zebra mussel	*Dreissena polymorpha*
Glen Lake	Plant	Brittle naiad	*Najas minor*
Glen Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Glen Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Goodnow Flowage	Plant	Brittle naiad	*Najas minor*

Waterbody	Kingdom	Common name	Scientific name
Great South Bay, Lake Champlain	Plant	Curly leafed pondweed	*Potamogeton crispus*
Great South Bay, Lake Champlain	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Hadlock Pond	Plant	Brittle naiad	*Najas minor*
Hadlock Pond	Plant	Curly leafed pondweed	*Potamogeton crispus*
Hadlock Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Hadlock Pond	Plant	Water chestnut	*Trapa natans*
Hedges Lake	Animal	Zebra mussel	*Dreissena polymorpha*
Hedges Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Hedges Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Highlands Forge Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Hills Pond	Plant	Curly leafed pondweed	*Potamogeton crispus*
Hovey Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lake Champlain	Animal	Spiny waterflea	*Bythotrephes longimanus*
Lake Champlain	Animal	Zebra mussel	*Dreissena polymorpha*
Lake Champlain	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lake Champlain	Plant	Variable watermilfoil	*Myriophyllum heterophyllum*
Lake Champlain	Plant	Water chestnut	*Trapa natans*
Lake Champlain, Mill Bay	Plant	European frogbit	*Hydrocharis morsus-ranae*
Lake Eaton	Plant	European frogbit	*Hydrocharis morsus-ranae*
Lake Flower	Plant	Variable watermilfoil	*Myriophyllum heterophyllum*
Lake George	Animal	Asian clam	*Corbicula fluminea*
Lake George	Animal	Spiny waterflea	*Bythotrephes longimanus*
Lake George	Animal	Virile crayfish	*Orconectes virilis*
Lake George	Animal	Zebra mussel	*Dreissena polymorpha*
Lake George	Plant	Brittle naiad	*Najas minor*
Lake George	Plant	Curly leafed pondweed	*Potamogeton crispus*
Lake George	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lake Lauderdale	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lake Luzerne	Plant	Curly leafed pondweed	*Potamogeton crispus*
Lake Luzerne	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lake Placid	Plant	Variable watermilfoil	*Myriophyllum heterophyllum*
Lake Sunnyside	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lincoln Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lock 11, Champlain Barge Canal	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lock 11, Champlain Barge Canal	Plant	Water chestnut	*Trapa natans*
Lock 12, Champlain Barge Canal	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Lock 12, Champlain Barge Canal	Plant	Water chestnut	*Trapa natans*
Long Pond	Animal	Allegheny crayfish	*Orconectes obscurus*
Long Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Loon Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*

Waterbody	Kingdom	Common name	Scientific name
Minerva Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Mirror Lake	Plant	Broadleaf Water-milfoil	*Myriophyllum heterophyllum*
Mirror Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Nichols Pond	Animal	Allegheny crayfish	*Orconectes obscurus*
North Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
North Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Oseetah Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Paradox Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Paradox Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Penfield Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Putnam Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Rogers Pond	Plant	European frogbit	*Hydrocharis morsus-ranae*
Schroon Lake	Animal	Rudd	*Scardinius erythrophthalmus*
Schroon Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Schroon Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Sheltered Lakes	Plant	Curly leafed pondweed	*Potamogeton crispus*
Sheltered Lakes	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Sheltered Lakes	Plant	European frogbit	*Hydrocharis morsus-ranae*
Sheltered Lakes	Plant	Variable watermilfoil	*Myriophyllum heterophyllum*
Sheltered Lakes	Plant	Water chestnut	*Trapa natans*
Summit Lake	Plant	Curly leafed pondweed	*Potamogeton crispus*
Summit Lake	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Trout Lake	Animal	Rusty crayfish	*Orconectes rusticus*
Webb Royce Swamp	Plant	European frogbit	*Hydrocharis morsus-ranae*
Whitehall Launch, Champlain Barge Canal	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*
Whitehall Launch, Champlain Barge Canal	Plant	European frogbit	*Hydrocharis morsus-ranae*
Whitehall Launch, Champlain Barge Canal	Plant	Water chestnut	*Trapa natans*
Wood Creek	Plant	Water chestnut	*Trapa natans*
Woodruff Pond	Plant	Eurasian watermilfoil	*Myriophyllum spicatum*

Appendix F: Watershed and Land Use Map for Lake George

This watershed and land use map was developed using USGS StreamStats and ESRI ArcGIS using the 2006 land use satellite imagery. The actual watershed map and present land uses within this watershed may be slightly different due to the age of the underlying data and some limits to the use of these tools in some geographic regions and under varying flow conditions. However, these maps are intended to show the approximate extent of the lake drainage basin and the major land uses found within the boundaries of the basin.



Land Use	% Watershed
Open water	20.2%
Developed Open Space	3.8%
Developed Low Intensity	0.8%
Developed Medium Intensity	0.3%
Developed High Intensity	0.1%
Barren Land	0.0%
Deciduous Forest	32.7%
Evergreen Forest	28.4%
Mixed Forest	9.9%
Scrub/Shrub	0.5%
Grassland/Herbaceous	0.1%
Pasture/Hay	0.6%
Cultivated Crops	0.1%
Woody Wetlands	2.4%
Emergent Herbaceous Wetland	0.1%