

Master Data Sheet
2015 Spring
Site B

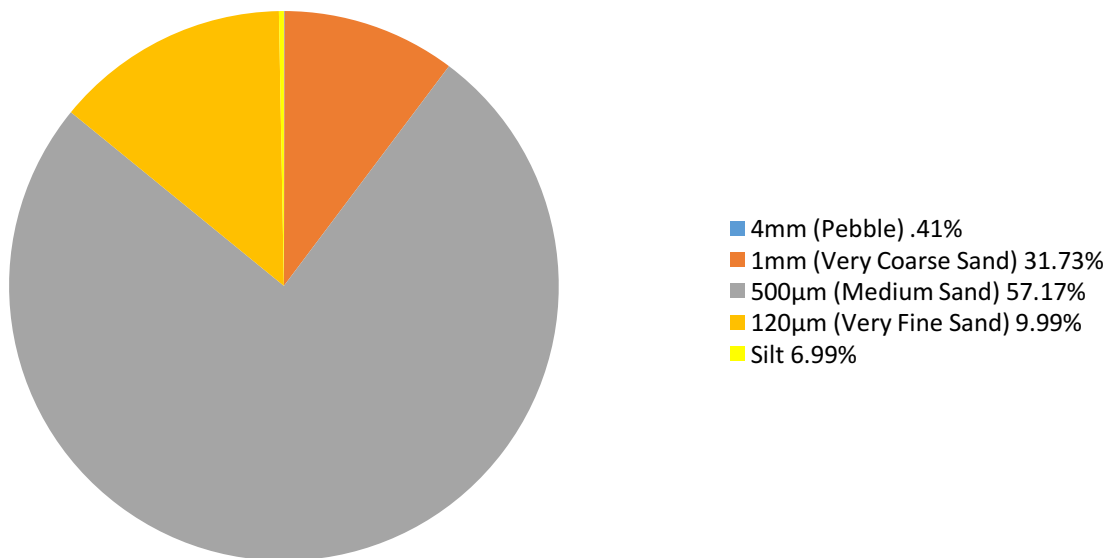
	4mm		1mm		500 micrometers		120 micrometers		Silt		
Sample #	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Total
Transect 8 (2-3m)	121.3	13.9	140.5	16.0	382.9	43.7	219.1	25.0	12.0	1.3	875.8
Transect 8 (5-6m)	33.3	2.3	407.9	62.2	430.8	29.5	83.3	5.7	4.2	.29	1459.5
Transect 9 (2-3m)	11.8	1.1	21.54	2.1	611.8	58.7	198.2	19.0	6.5	.6	1041.5
Transect 9 (5-6m)	1.3	0.2	135.9	18.5	483.1	65.8	108.4	14.8	3.4	.5	734.0
Transect 10 (2-3 m)	0.4	0.04	103.3	10.2	763.7	75.7	138.7	13.8	2.3	0.23	1008.4
Transect 10 (5-6m)	0.0	0	103.4	10.0	784.2	75.7	145.1	14.0	2.4	.2	1035.3

Transect	Distance from Bank (m)	Feature	Potassium	pH	Nitrogen	Phosphorus
8	2-3	pool	Low	7	Low	low
8	5-6	pool	Medium	6	Trace	Trace
9	2-3	Pool	Low	7	Trace	low
9	5-6	Pool	Very low	7	Trace	Trace
10	2-3	Run	Low	7	Trace	Trace
10	5-6	Sandbar	Very low	6	Trace	Trace

	4mm		1mm		500 micrometers		120 micrometers		Silt		
Sample #	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Total
Transect 10 (2-3 m)	0.4	0.04	103.3	10.2	763.7	75.7	138.7	13.8	2.3	0.23	1008.4
Transect 10 (5-6m)	0.0	0	103.4	10.0	784.2	75.7	145.1	14.0	2.4	.2	1035.3

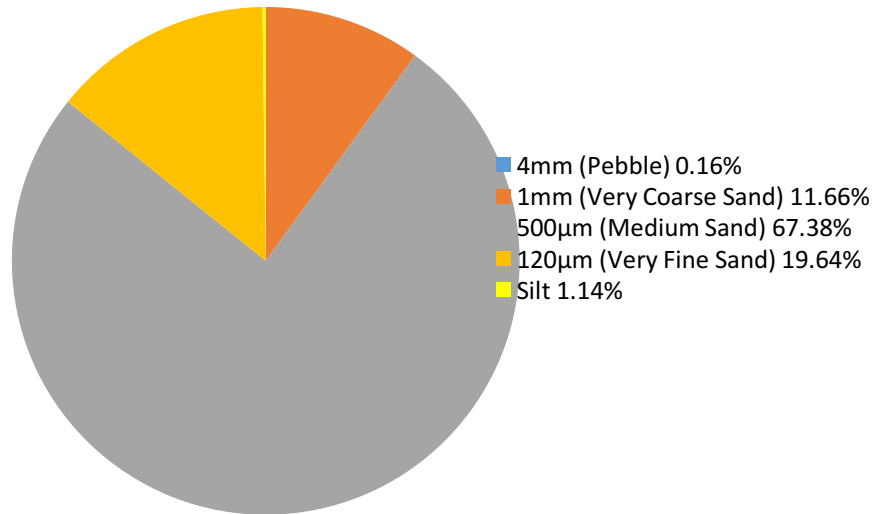
Site B-10 Fall 2014

Composition of Sediments at Site B,
Transect 10, 2-3m (Fall 2014)



Transect	Distance from Bank (m)	Feature	Potassium	pH	Nitrogen	Phosphorus
10	2-3	Run	Low	6	Trace	Trace
10	5-6	Sandbar	Very Low	7	Trace	Trace

Composition of Sediments at Site B, Transect 10, 5-6m (Fall 2014)

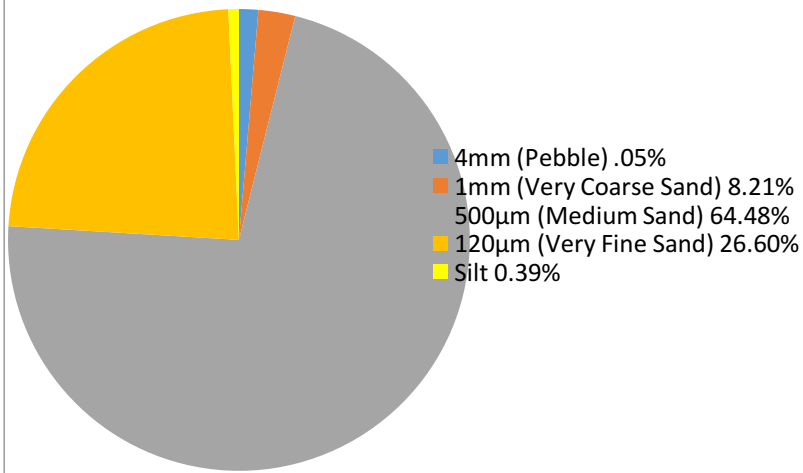


Analysis: There were no corbicula present. It is concerning that there were very low amounts of 4mm sediments. It is positive that there were low levels of silt. Low levels of potassium 5-6m from the bank is concerning, as it is not at a healthy level. Compared to fall 2014, the potassium levels went down.

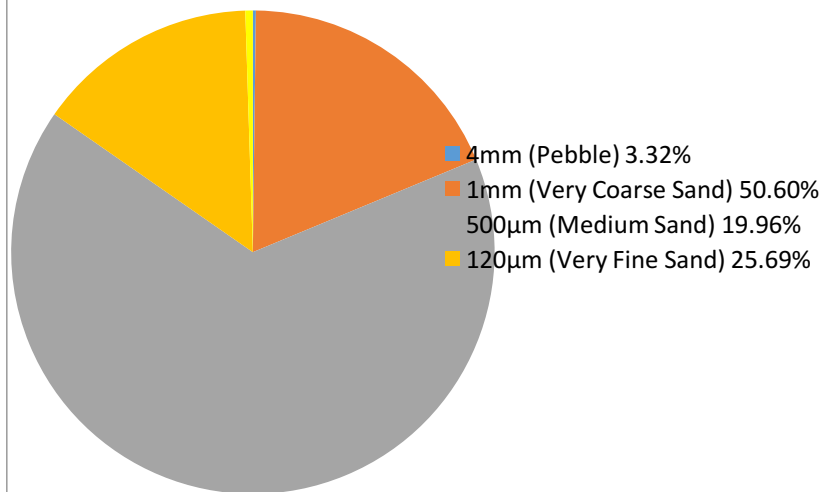
Site B-9 Fall 2014

Sample #	4mm		1mm		500 micrometers		120 micrometers		Silt		Total
	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	
Transect 9 (2-3m)	11.8	1.1	21.54	2.1	611.8	58.7	198.2	19.0	6.5	.6	1041
Transect 9 (5-6m)	1.3	0.2	135.9	18.5	483.1	65.8	108.4	14.8	3.4	.5	734

Composition of Sediments at Site B, Transect 9, 2-3m (Fall 2014)



Composition of Sediments at Site B, Transect 9, 5-6m (Fall 2014)

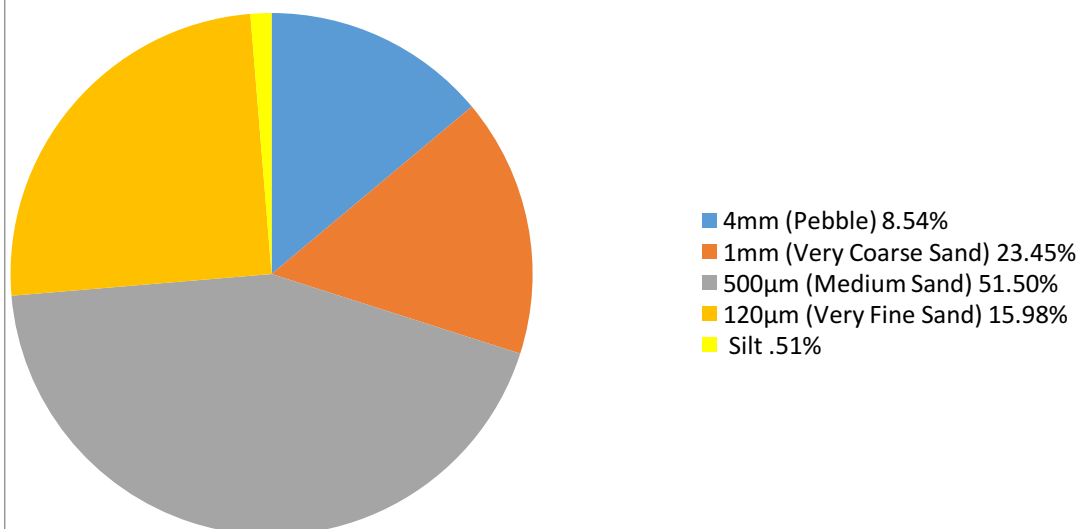


Transect	Distance from Bank (m)	Feature	Potassium	pH	Nitrogen	Phosphorus
9	2-3	Pool	Low	7	Trace	Low
9	5-6	Pool	Very Low	7	Trace	Trace

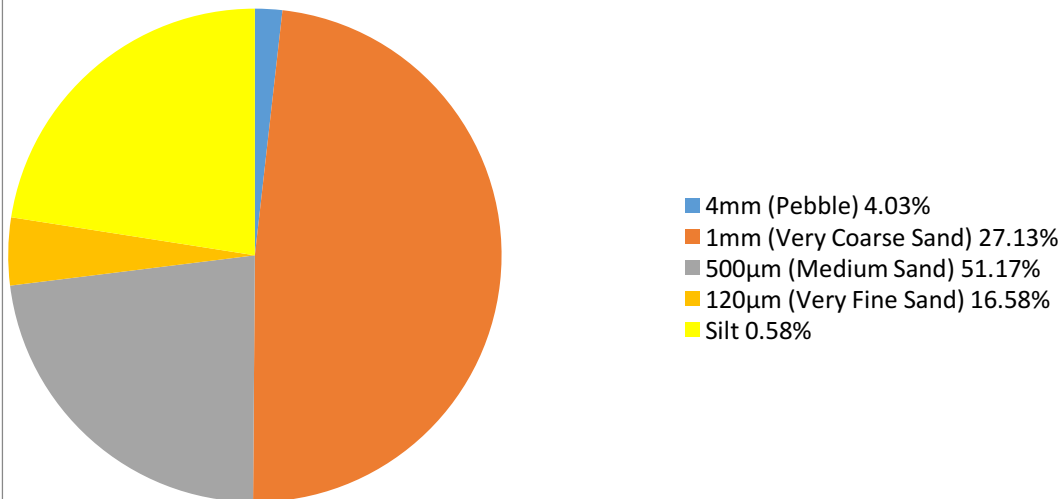
Analysis: No corbicula was present in the sediments. For the 5-6m from the bank, it is concerning that there were low amounts of 4mm sediments present, however, 2-3m from the bank had a better amount of 4 mm sediments. It is very good that there are low levels of silt 5-6m from the bank, but there was a slightly concerning amount of silt 2-3m from the bank. It is important to note that potassium levels are somewhat lower than they were in fall of 2014, which is concerning because it is on the edge of the healthy range.

	4mm		1mm		500 micrometers		120 micrometers		Silt		
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Transect 8 (2-3m)	121.3	13.9	140.5	16.0	382.9	43.7	219.1	25.0	12.0	1.3	875.8
Transect 8 (5-6m)	33.3	2.3	407.9	62.2	430.8	29.5	83.3	5.7	4.2	.29	1459.5

Composition of Sediments at Site B, Transect 8, 2-3m (Fall 2014)

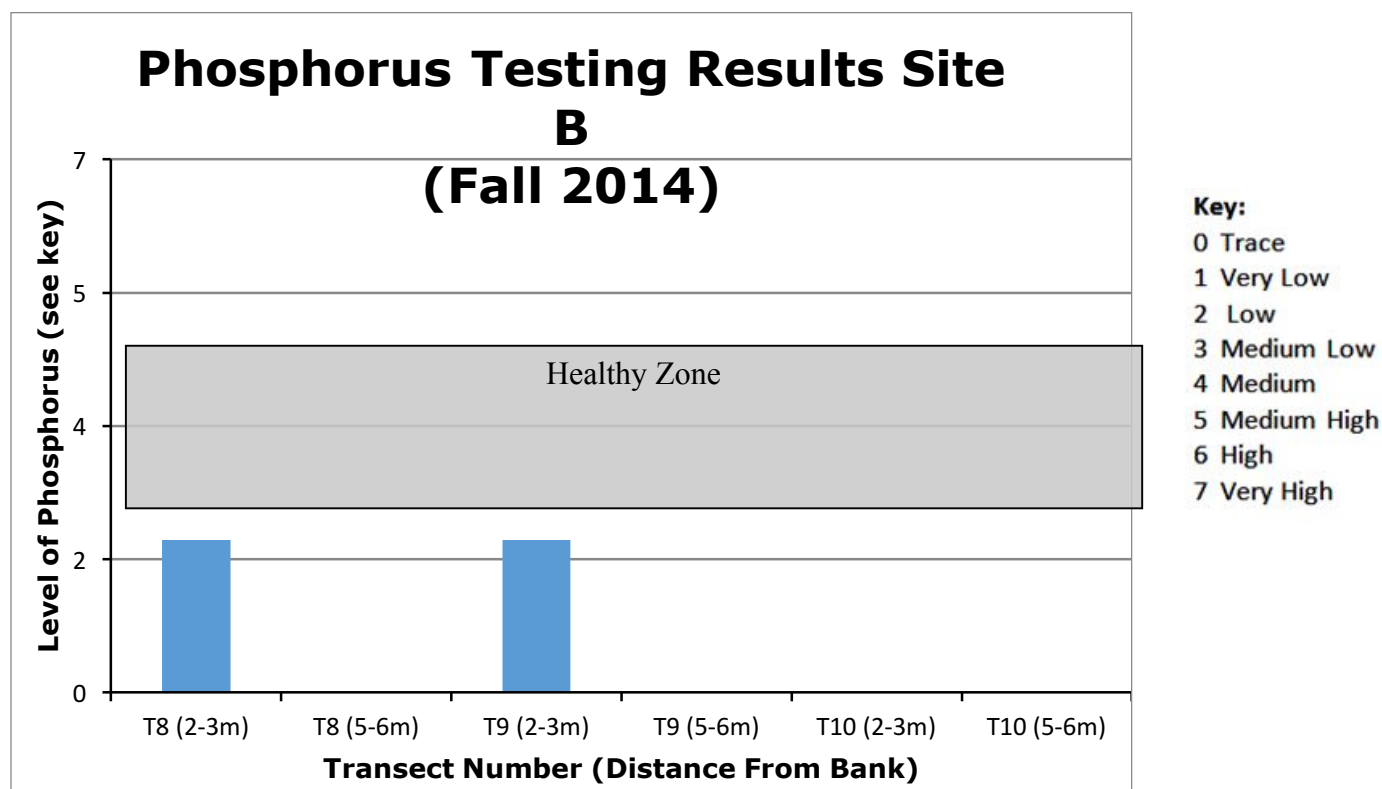
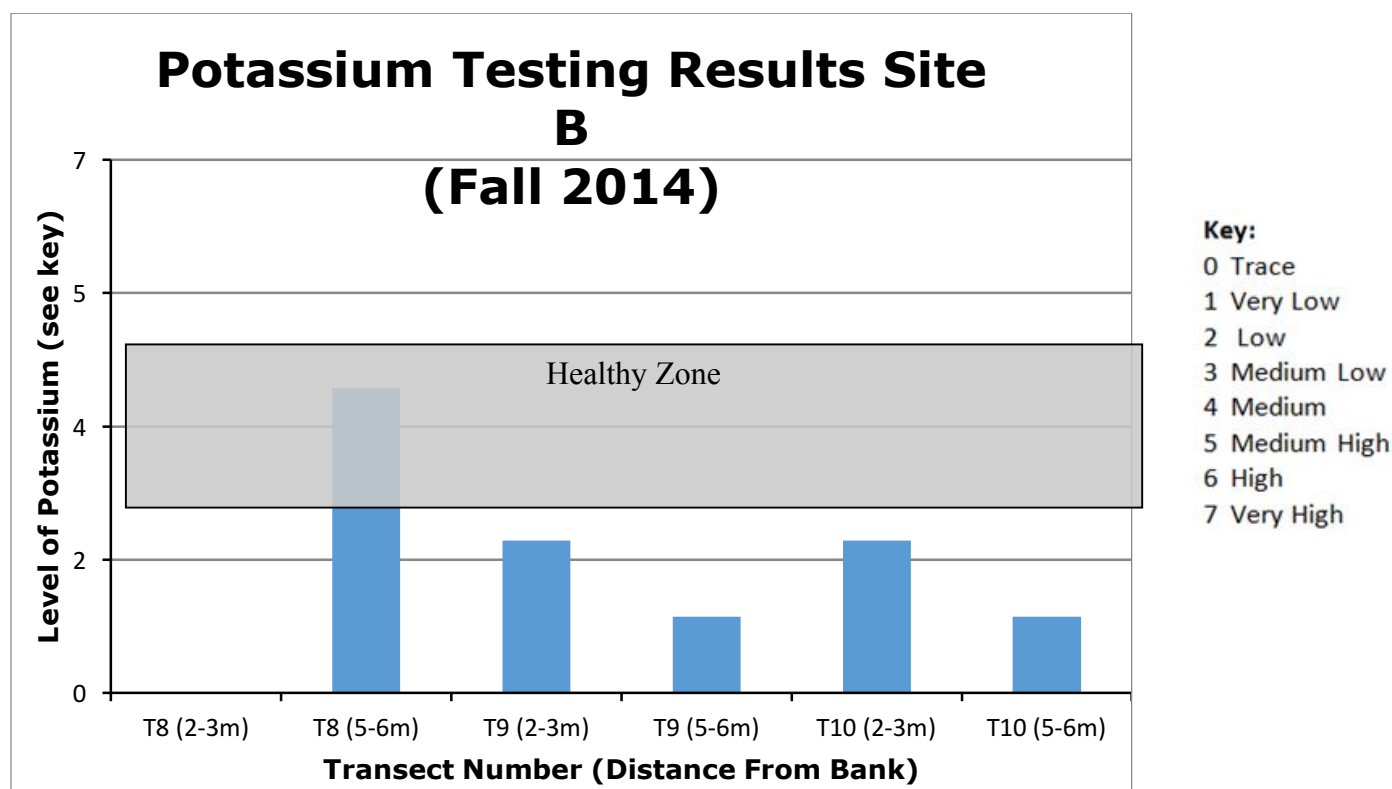


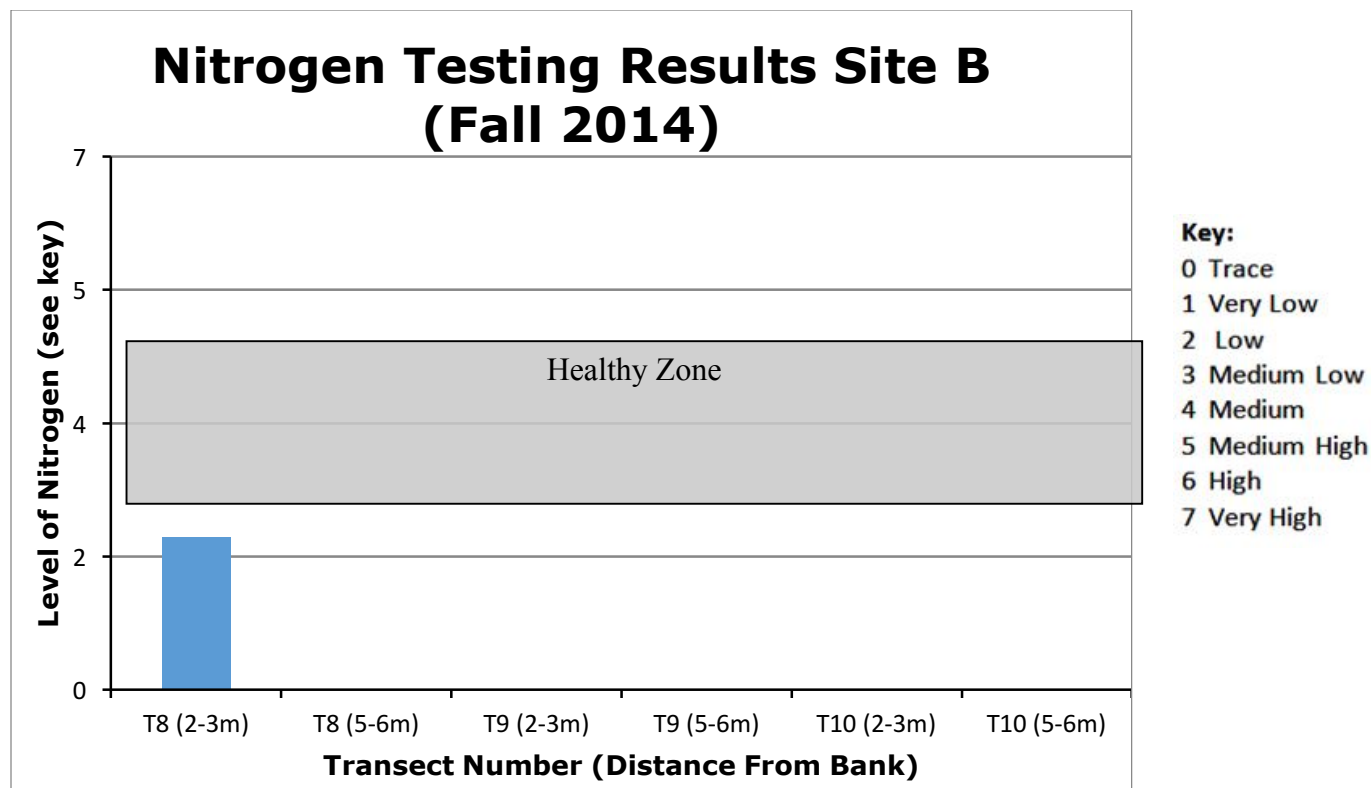
Composition of Sediments at Site B, Transect 8, 5-6m (Fall 2014)



Transect	Distance from Bank (m)	Feature	Potassium	pH	Nitrogen	Phosphorus
8	2-3	Pool		7	Low	Low
8	5-6	Pool	Medium	6	Trace	Trace

Analysis: No corbicula was present. There were decent amounts of 4mm sediments 5-6m from the bank, which is good and a lot of 4mm sediments 2-3m from the bank. It is somewhat concerning that there were higher levels of silt than in fall 2014.





-Almost all transects showed trace amounts of nitrogen. Most below healthy levels of nitrogen.

