Sediments Data Sheet
2015 Fall
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 10 (2-3m)	2.3	0.23	234.0	23.06	614.8	60.59	161.8	15.95	1.8	0.18	1014.7
Transect 10 (5-6m)	0.6	0.06	120.4	11.49	708.8	67.64	212.6	20.28	5.7	0.54	1048.1
Transect 9 (2-3m)	15.4	2.14	196.4	27.32	382.3	53.18	124.3	17.29	0.5	0.069	718.9
Transect 9 (5-6 m)	7.6	0.77	207.3	21.09	603.4	61.38	164.1	16.69	0.7	0.071	983.1
Transect 8 (2-3m)	1.7	.22	124.3	16	553.1	70.4	105.0	13.45	0.4	0.051	78.51
Transect 8 (5-6m)	2.0	.19	179.6	17.13	716.6	68.35	148.0	14.17	1.6	0.152	1048.4

Transect	Distance from Bank (m)	Feature	E/W	Potassium	pH	Nitrogen	Phosphorus
10	2-3	bed	0	low	6.5	trace	low
10	5-6	bed	0	low	6.5	trace	low
9	2-3	bed	0	low	6	trace	low
9	5-6	bed	0	medium low	6.5	trace	low
8	2-3	bed	0	low	6.5	trace	trace low
8	5-6	bed	0	low	6.5	trace	low

Transect 10

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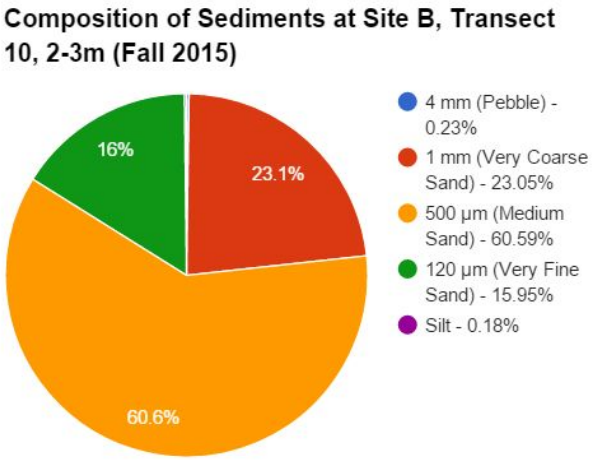

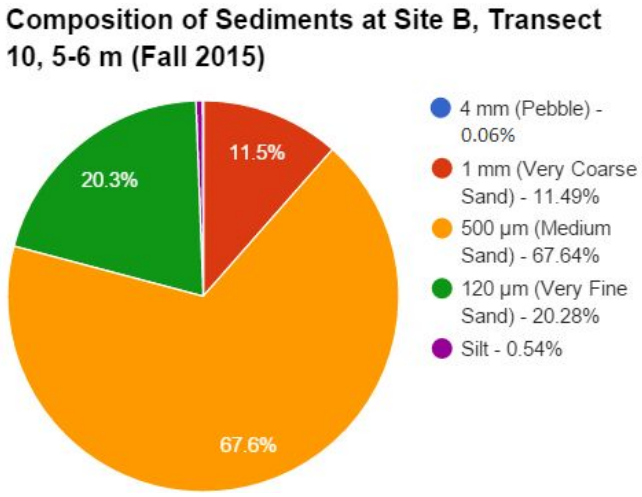

Transect	Distance from Bank (m)	Feature	E/W	Potassium	pH	Nitrogen	Phosphorus
10	2-3	bed	0	low	6.5	trace	low
10	5-6	bed	0	low	6.5	trace	low

Analysis: There were no corbicula present. The amount of 4 mm sediments was especially low, generally lower than Spring, but the 5-6 m had a bit more. There are quite low levels of silt, which indicates a healthy creek. There are no outliers in the chemistry tests for Transect 10, and they coincide well with last year's data as well.

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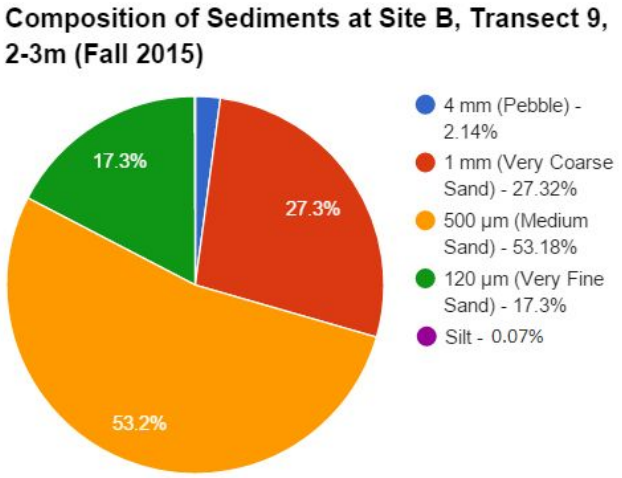

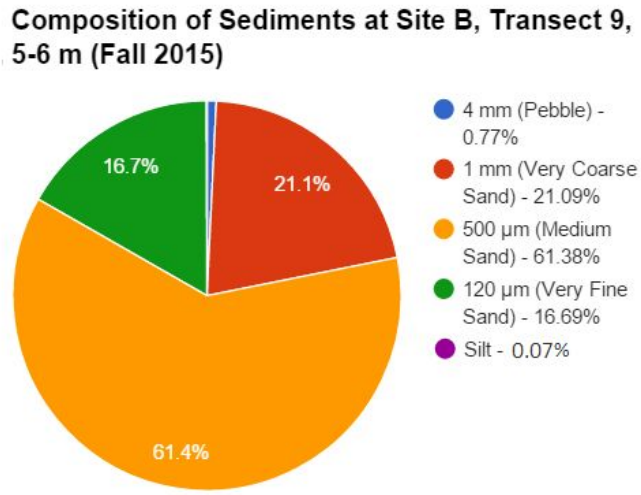

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Analysis: There were no corbicula present. The 4 mm concentration is relatively higher 2-3 m from the edge compared to 5-6 m and the previous year's concentration. The silt is especially low which is advantageous, and it seems to be lower than the spring concentration. The Potassium level for 2-3 m are higher than the rest, the level is 3 as opposed to the other transects which are at level 2.

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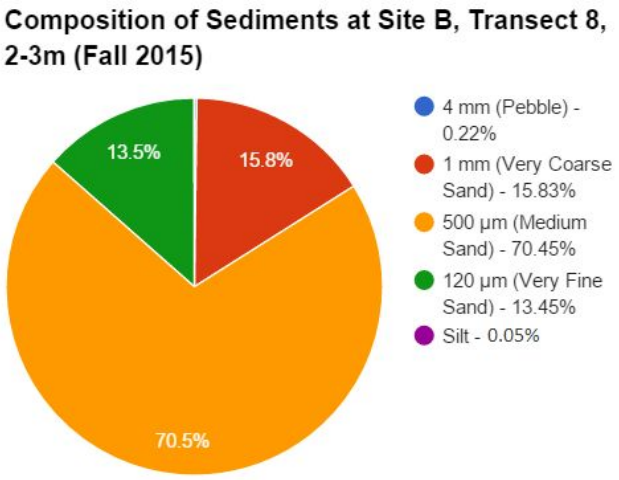

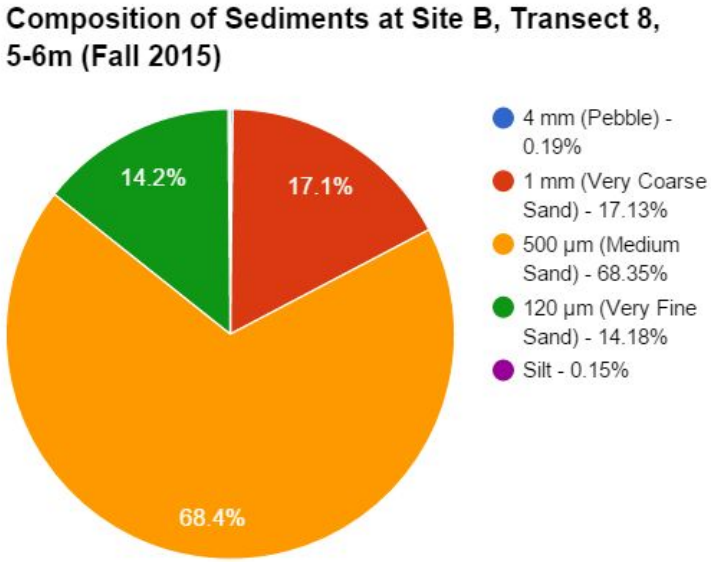

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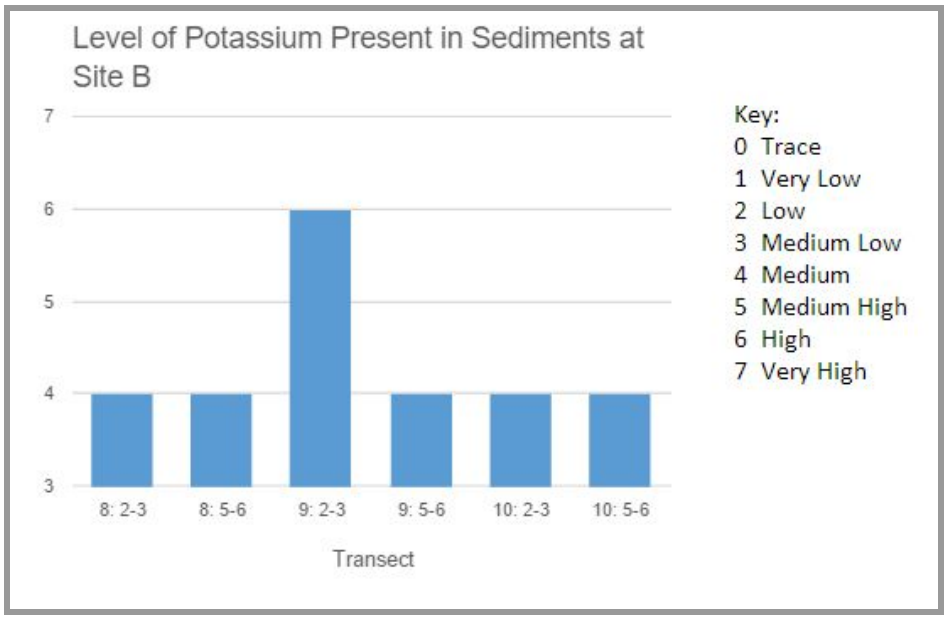
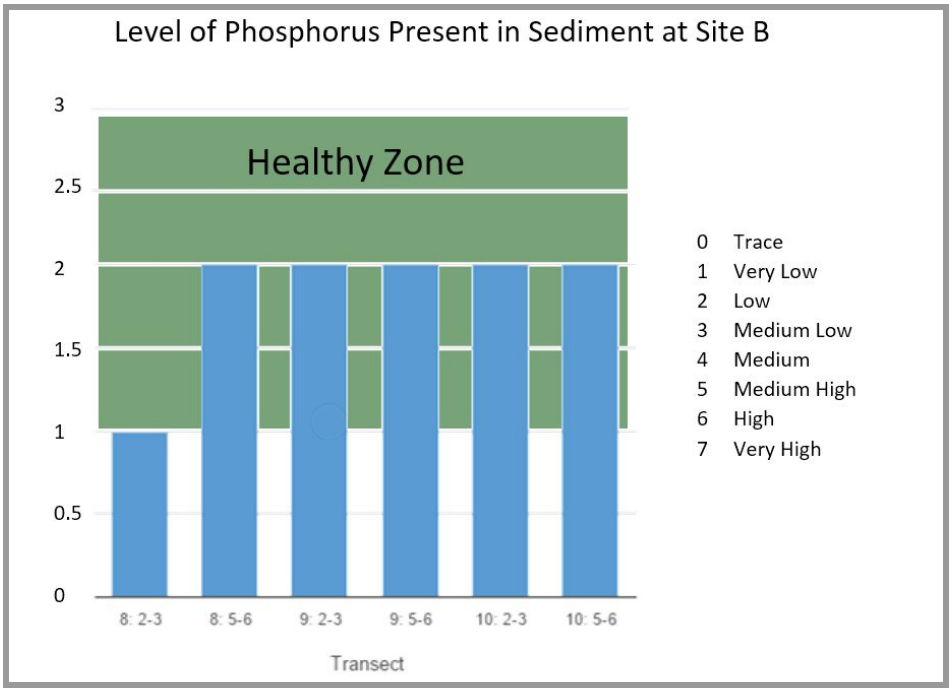
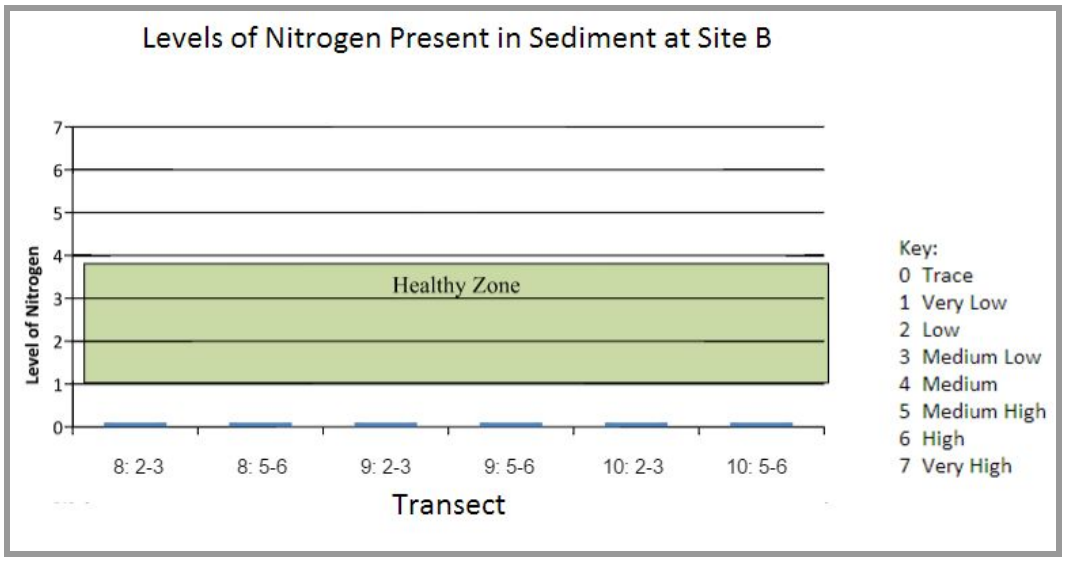
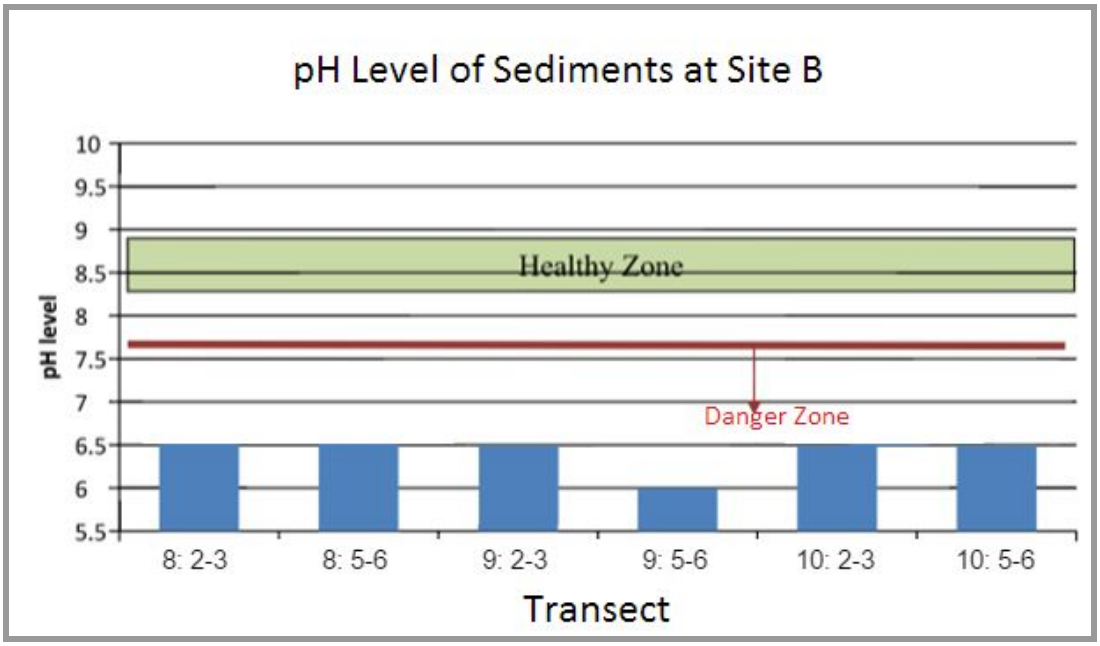
Chemical Tests






Levels of Nitrogen Present in Sediment at Site B
Level of Nitrogen
7
6
5
4
3
2
1
0
Healthy Zone
8: 2-3
8: 5-6
9: 2-3
9: 5-6
10: 2-3
10: 5-6
Transect
Key:
0 Trace
1 Very Low
2 Low
3 Medium Low
4 Medium
5 Medium High
6 High
7 Very High


pH Level of Sediments at Site B
pH level
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
Healthy Zone
Danger Zone
8: 2-3
8: 5-6
9: 2-3
9: 5-6
10: 2-3
10: 5-6
Transect