

Master Data Sheet
2015 Fall
Site E

	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 5 (2-3m)	17.7	1.095%	223.4	13.82%	1056.8	65.38%	315.6	19.53%	2.8	0.17%	1616.3
Transect 5 (5-6m)	0	0%	9.9	1.72%	295.4	51.52%	265.5	46.31%	2.5	0.43%	573.3
Transect 6 (2-3m)	1.6	0.17%	50.7	5.39%	586.2	62.28%	297.9	31.65%	4.9	0.52%	941.3
Transect 6 (5-6 m)	1.7	0.16%	137.1	13.0%	764.8	72.56%	149.2	14.15%	1.1	0.10%	1053.9
Transect 7 (2-3m)	0.2	0.017%	16.1	1.39%	562.5	48.68%	515.5	44.61%	61.2	5.30%	1155.5
Transect 7 (5-6m)	17.5	1.92%	101.3	11.1%	584.3	64.03%	202.8	22.2%	6.7	0.73%	912.6

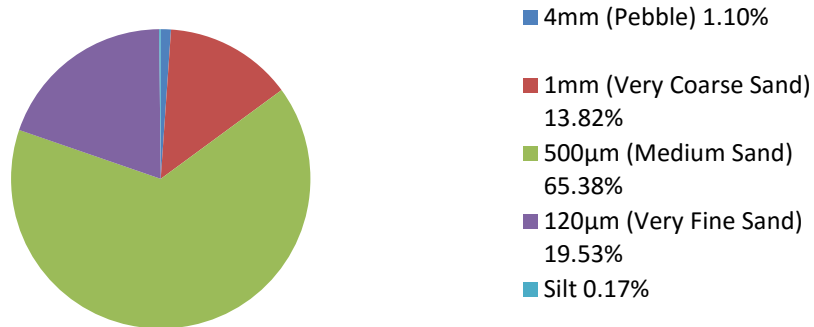
note: all measurements were able to be taken on the transects

Transect	Distance from Bank (m)	Feature	Potassium	pH	Nitrogen	Phosphorus
5	2-3	Bed	Very Low	6.0	Trace	Low
5	5-6	Bed	Medium	6.0	Low	Low
6	2-3	Bed	Medium	6.0	Low	Low
6	5-6	Bed	Very Low	6.0	Trace	Low
7	2-3	Bed	Medium Low	6.0	Low	Low
7	5-6	Bed	Medium Low	6.5	Trace	Low

Site E-5 Fall 2015

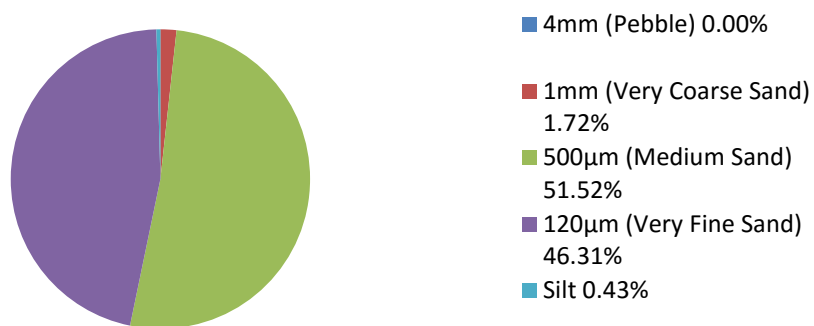
	4mm		1mm		500 micrometers		120 micrometers		Silt		
Sample #	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Total
Transect 5 (2-3m)	17.7	1.095%	223.4	13.82%	1056.8	65.38%	315.6	19.53%	2.8	0.17%	1616.3

Composition of Sediments at Site E-5, 2-3 m (Fall 2015)



	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 5 (5-6m)	0	0%	9.9	1.72%	295.4	51.52%	265.5	46.31%	2.5	0.43%	573.3

Composition of Sediments at Site E-5, 5-6 m (Fall 2015)

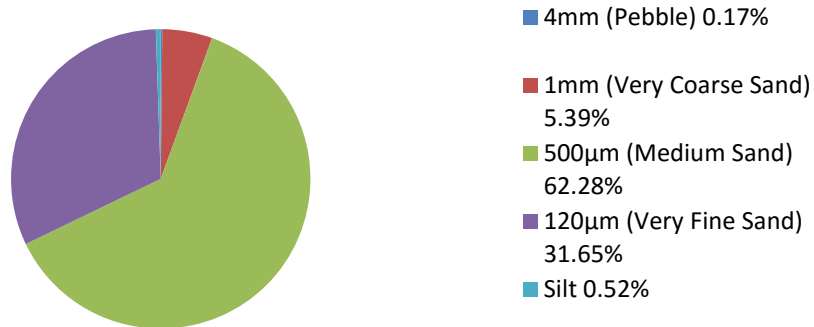


Analysis: With the sediment samples collected for the fall season of 2015, the composition of the sediments collected remained relatively constant with past trends. There were not any *Corbicula Fluminea* recorded in any of the collected sediments. There was an increase of 500 micrometer sized particles and a decrease in the levels of silt compared with results collected from last season. This is particularly good, as the less silt there is present the more hospitable the creek is in supporting life. Levels of potassium, nitrogen, phosphorus and pH remained consistent with trends from past results.

Site E-6 Fall 2015

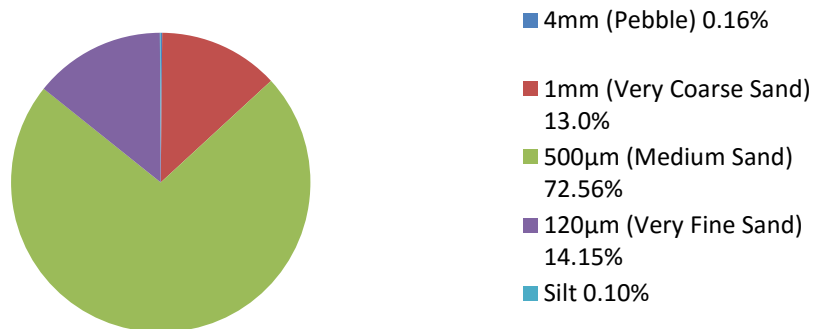
	4mm		1mm		500 micrometers		120 micrometers		Silt		
Sample #	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Total
Transect 6 (2-3m)	1.6	0.17%	50.7	5.39%	586.2	62.28%	297.9	31.65%	4.9	0.52%	941.3

Composition of Sediments at Site E-6, 2-3 m (Fall 2015)



	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 6 (5-6 m)	1.7	0.16%	137.1	13.0%	764.8	72.56%	149.2	14.15%	1.1	0.10%	1053.9

Composition of Sediments at Site E-6, 5-6 m (Fall 2015)

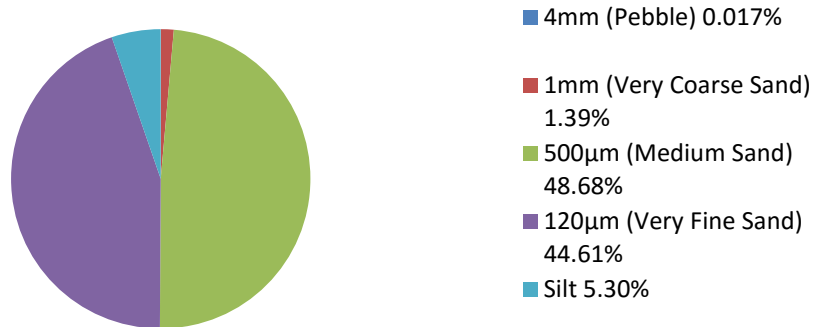


Analysis: With the sediment samples collected for the fall season of 2015, the composition of the sediments collected remained relatively constant with past trends. There were not any *Corbicula Fluminea* recorded in any of the collected sediments. There was a decrease with the amount of sediments sized 120 micrometers, as well as levels of silt, while there was an increase in particles sized 500 micrometers. This is particularly good, as the less silt there is present the more hospitable the creek is in supporting life. Levels of potassium, nitrogen, phosphorus and pH remained consistent with trends from past results.

Site E-7 Fall 2015

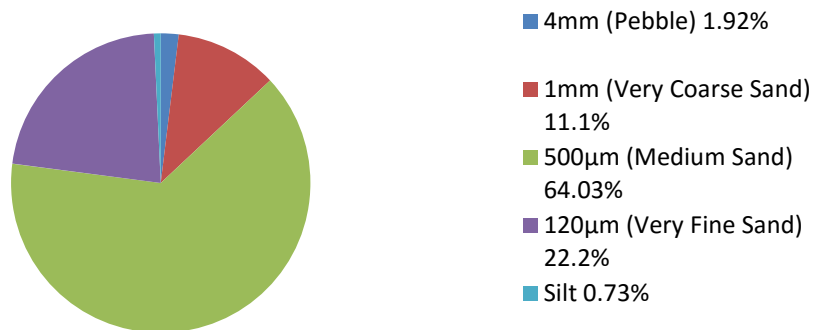
	4mm		1mm		500 micrometers		120 micrometers		Silt		
Sample #	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Mass (g)	% of total	Total
Transect 7 (2-3m)	0.2	0.017%	16.1	1.39%	562.5	48.68%	515.5	44.61%	61.2	5.30%	1155.5

Composition of Sediments at Site E-7, 2-3 m (Fall 2015)



	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 7 (5-6m)	17.5	1.92%	101.3	11.1%	584.3	64.03%	202.8	22.2%	6.7	0.73%	912.6

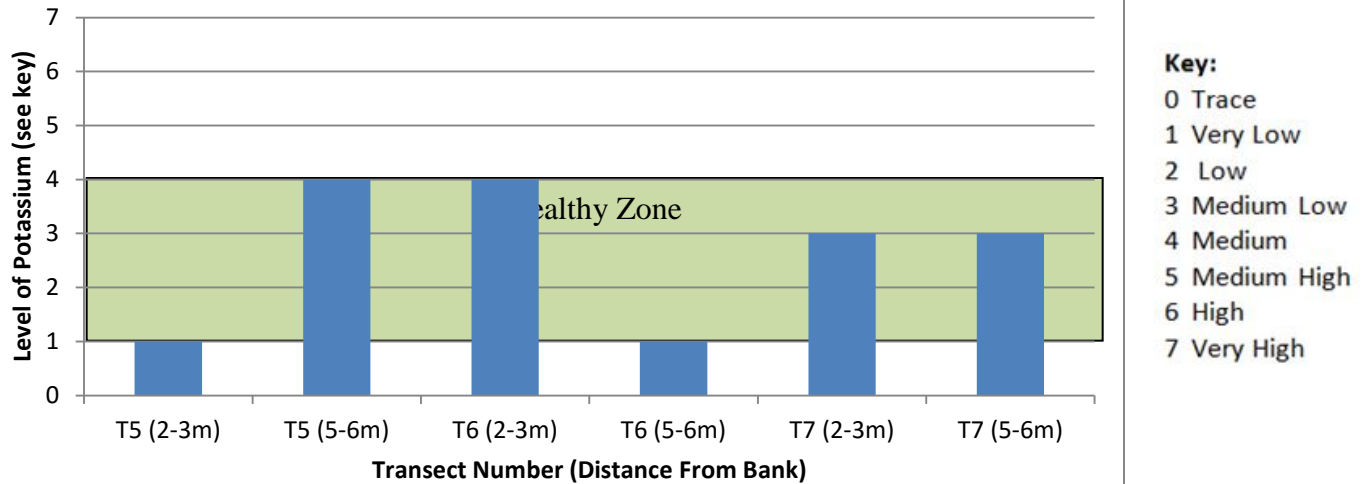
Composition of Sediments at Site E-7, 5-6 m (Fall 2015)



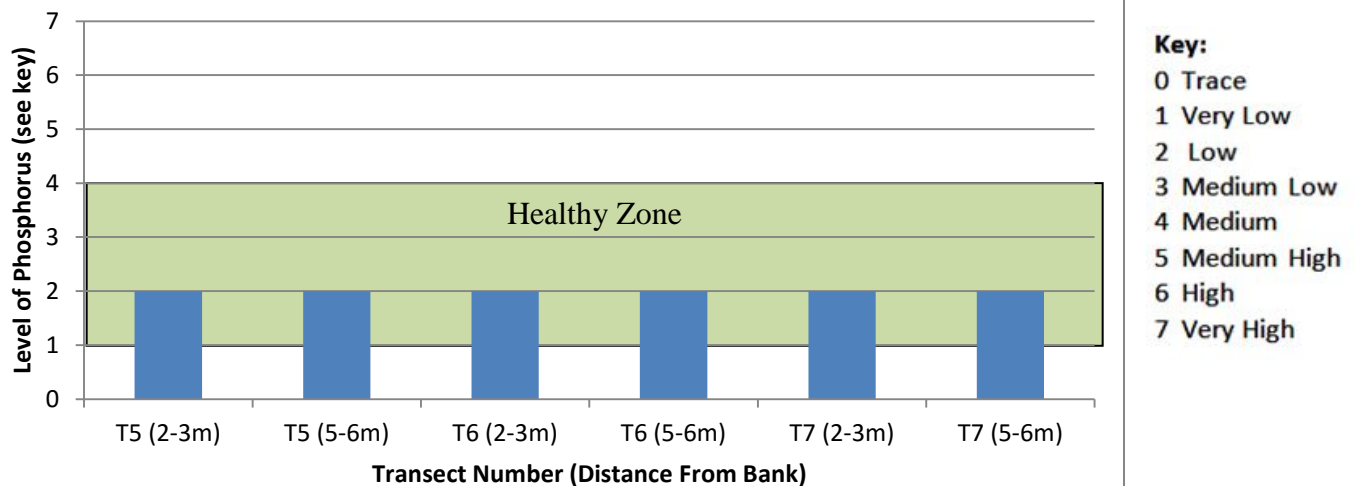
Analysis: With the sediment samples collected for the fall season of 2015, the composition of the sediments collected remained relatively constant with past trends. *Corbicula Fluminela* was not present in the samples collected for this transect. There was a slight decrease with the amount of sediments sized 120 micrometers, while there was an increase in particles sized 500 micrometers at 5-6 meters. Silt levels remained consistent with past trends. Levels of potassium, nitrogen, phosphorus and pH remained consistent with trends from past results at healthy levels, which means there will not be any significant overbalance of plant life, plankton or pH levels in the creek that could affect life in general in the creek.

Chemical Testing Graphs

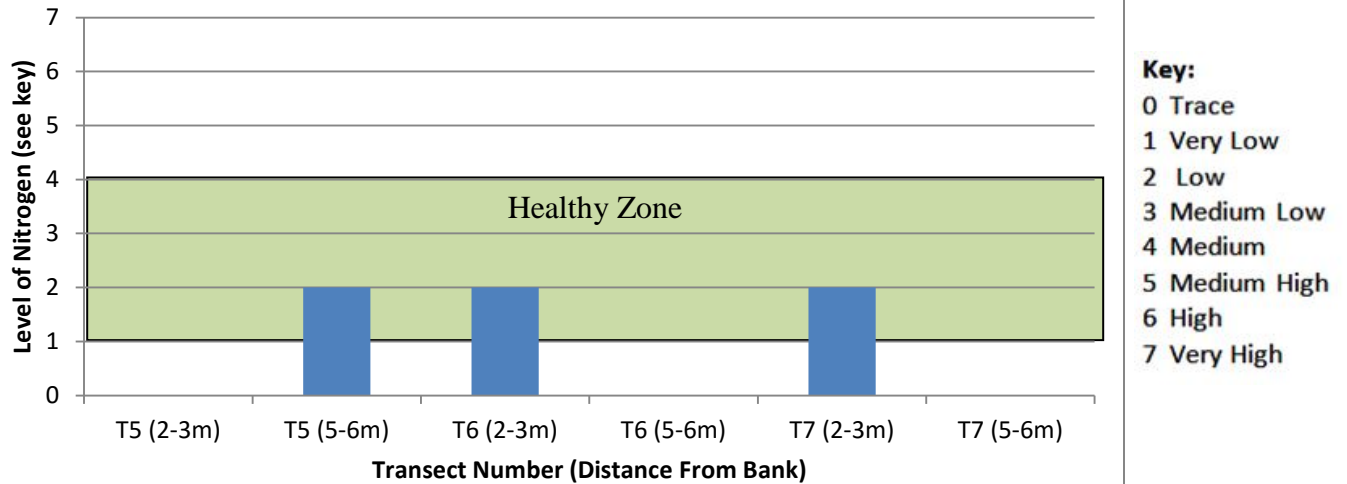
Potassium Testing Results Site E (Fall 2015)



Phosphorus Testing Results Site E (Fall 2015)



Nitrogen Testing Results Site E (Fall 2015)



pH Testing Results Site E (Fall 2015)

