

**Average Lbs Per Ton Of Nutrients & Metals With High Levels Leaf Litter
Using Averages For Each Location**

		Nitrogen	Phosphorus	Potassium	Cadmium	Copper	Lead	Nickel	Zinc	Organic Carbon	Total Metals
Winston	Cherry Street	12.8	1.3	1.52	0.007	0.1	0.21	0.032	0.86		
Burlington	Fairfield Street 10/07	12.2	1.4	1.94	0.005	0.06	0.41	0.027	0.32		
Burlington	Fairfield Street 01/08	14.4	1.48	1.36	0	0.04	0.25	0.02	0.29		
Raleigh	Gainsborough Dr	10.6	1.17	1.61	0.003	0.05	0.03	0.019	0.02		
Wrightsville Beach	Live Oak	26.5	1.72	1.27	0.002	0.12	0.02	0.02	0.02		
Durham	Stuart Ave	31.2	2.29	4.03	0	0.09	0	0	1.05		
Zebulon	Sycamore St 1/08	6.8	0.58	0.87	0	0.04	0.09	0.013	0.26		
Zebulon	Sycamore St 2/09	15	2	2	0	0	0.07	0.03	0		0.117
Zebulon	Spruce Pine 1/08	6.2	0.61	0.54	0	0.033	0.02	0.01	0.14		0.833
Zebulon	Spruce Pine 2/09	7.6	0.64	1.57	0	0	0.01	0.02	0		1.310
Washington	Vanarden Street	18.7	2.33	1.67	0	0.1	0	0	0.5		0.291
Wilson	Maple Street	15	1	1	0.1	0.2	0.2	0.1	0.4		3.860
		177	16.52	19.38	0.117	0.833	1.31	0.291	3.86		6.411
Average Lbs/Ton 12 Samples		14.80	1.29	1.60	0.01	0.07	0.11	0.02	0.32		0.53

**Average Lbs Per Ton Of Nutrients & Metals With Sediment The Major Contaminant
Using Averages For Each Location**

		Nitrogen	Phosphorus	Potassium	Cadmium	Copper	Lead	Nickel	Zinc	Organic Carbons	Total Metals
Wendell	First Street	2.6	0.6	0.65	0.004	0.04	0.08	0.01	0.13		
Wendell	Pine Street	5.2	0.71	0.75	0.006	0.19	0.17	0.021	0.49		
Burlington	City Park 10/07	4.2	1.07	1.58	0.005	0.1	0.06	0.01	0.19		
Burlington	City Park 01/08	8.1	1.61	0.86	0.01	0.09	0.1	0.01	0.2		
Morrisville	Town Hall	3.5	0.7	0.88	0.004	0.08	0.11	0.023	0.33		
Raleigh	Fisher Street	2.6	0.6	0.65	0.004	0.04	0.08	0.022	0.13		
Durham	Roxboro Road	3.2	0.64	1.03	0.004	0.05	0.08	0.03	0.21		
Wilmington	Gufford Street	6.5	1.02	0.27	0.003	0.07	0.04	0.02	0.28		
Fayetteville	Glidden Street 1/08	2.44	0.25	0.35	0	2.66	0.38	0.058	1.33		
Fayetteville	Glidden Street 8/08	0.69	0.3	0.25	0	1.38	0.27	0.04	1.28		
Fayetteville	Glidden Street 5/09	5.7	1.52	0.72	0.02	4.44	1.48	0.2	3.75	298.46	
Fayetteville	Executive Drive 1/08	1.28	0.11	0.21	0	0.04	0.03	0.01	0.07		
Fayetteville	Executive Drive 5/09	5	0.38	0.36	0	0.1	0.06	0.01	0.25	56.57	0.362
Fayetteville	FAST	2	0.9	0.8	0.3	4.1	0.9	0.3	3.8		13.68
Washington	6th Street	2	1	0.2	0	0.1	0	0	0.1		3.97
Hickory	5th Street	3.7	1	3.7	0	0.1	0.03	0.03	0.2		0.802
Columbia, SC	Maintenance Yard	6	1.55	1.95	0.002	0.1	0.1	0.01	0.5	175	13.24
		64.71	13.98	15.21	0.362	13.68	3.97	0.802	13.24	530.03	32.054
Average Lbs/Ton 17 Samples		3.81	0.82	0.87	0.02	0.80	0.23	0.05	0.78	176.67*	1.89

* Organic Carbons Contains Products Of Natural Decomposition From Plant Or Animal Origin And A Variety Of Organic Compounds Such As: Humic Acids & Fulvic Acids, Carbohydrates & Sugars. Organic Carbons Also Contains Manufactured Products Such As Hydraulic Fluids, Motor Oils, Gasoline & Plastics. Releases Of Organic Carbons Should Not Exceed 30 Lbs/Ton Per Stormdrain.

Regulated Metals

<u>Name</u>	<u>Symbol</u>	<u>PPM</u>	<u>Lbs/T</u>	<u>PPM - Parts Per Million</u>	<u>Lbs/T - Pounds Per Ton</u>
Cadmium	Cd	39	0.078		
Copper	Cu	1500	3		
Lead	Pb	300	0.6		
Nickel	Ni	420	0.84		
Zinc	Zn	2800	5.6		

Should concentration levels exceed PPM or Lbs/T listed in above metals they should be reported to the EPA.