

## Friends of The Lake - Still River Study II

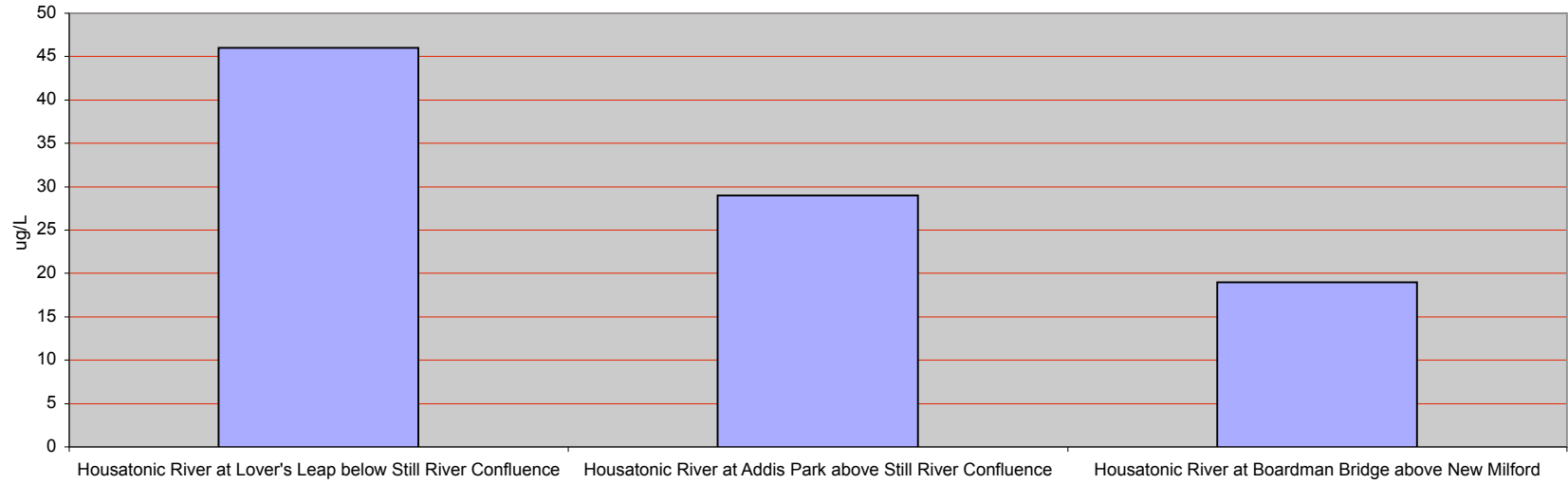
### Results from June 27, 2005

*Hydro Technologies, Inc.*

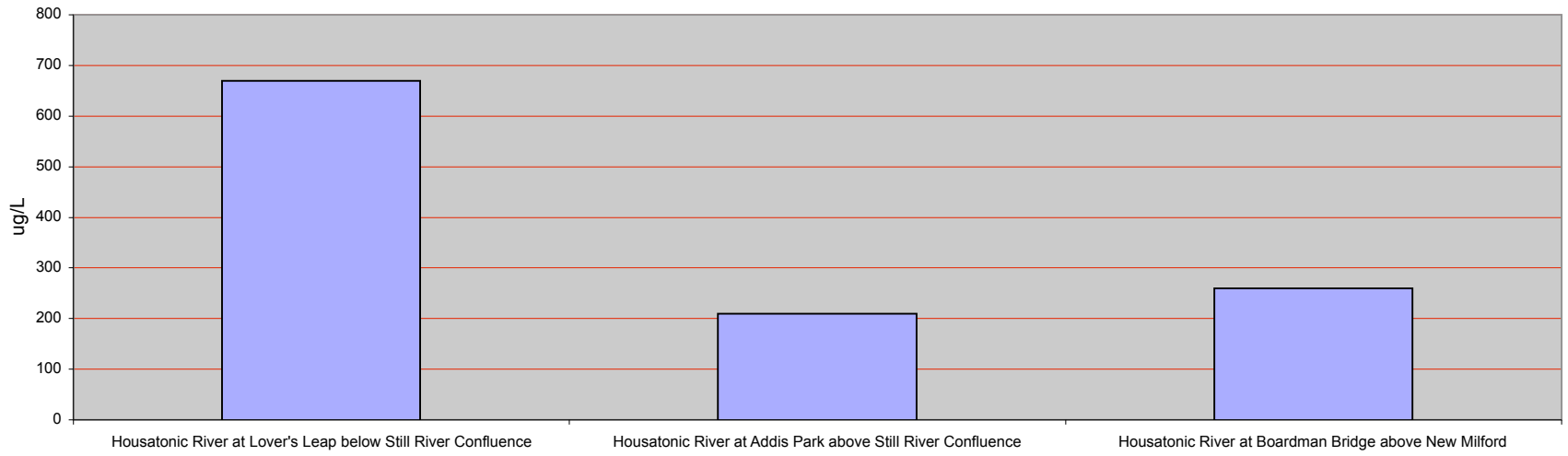
Analytes (units)	Sites	Still River above	Limekiln Brook	Limekiln Brook	Still River below	Still River at	Housatonic River at	Housatonic River at
		Limekiln Brook	above Danbury	below Danbury	confluence with	Harrybrook Park	Lover's Leap below	Addis Park above
		Tributary	STP	STP	Limekiln	New Milford	Still River	Still River
		1	2	3	4	5	Confluence	Confluence
Kjeldahl Nitrogen as N (ug/l)		690	550	<b>2,370</b>	2,070	1,160	910	950
Nitrate as N (ug/l)		630	580	<b>22,500</b>	14,900	7,890	670	210
Nitrite as N (ug/l)		nd	nd	nd	nd	nd	nd	nd
Total Nitrogen as N (ug/l)		1,320	1,130	<b>24,900</b>	16,970	9,050	1,580	1,160
T-Phos as P (ug/l)		45	37	<b>1,091</b>	698	403	46	29
Flow Rate in cubic ft/sec		30	330	9.10%				

Still River (9.1% of flow volume) increases the concentration of Housatonic as it becomes Lake Lillinonah by 319%. Still River increases the Total Phosphorus by 59% (29 to 46 ug/l).

**Total Phosphorus in Housatonic (Sites 6,7,8) as P**



**Nitrate in Housatonic (Site 6,7,8) as N**



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Housatonic River at  
Boardman Bridge  
above New Milford

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**8**

650

260

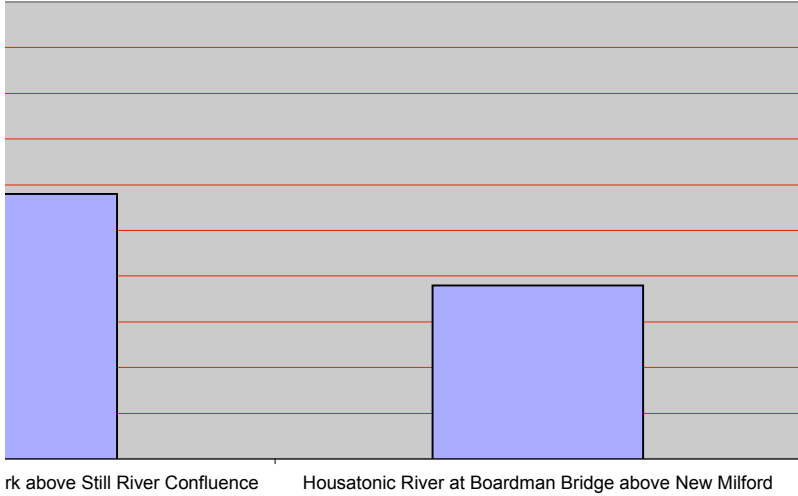
nd

910

19

of Nitrate in the  
mg/L)

**satonc (Sites 6,7,8) as P**



**c (Site 6,7,8) as N**

