

STA-1E STARTUP

STA-1E CELL's 3, 4N and 4S STARTUP Preliminary Total Phosphorus Four Week Geometric Mean Comparisons ending 02/17/2005

(Total Phosphorus(mg/L) (Grabs)) Inflow Site			(Total Phosphorus (mg/L) (Grabs)) Outflow sites		
DATE	S319	S361	DATE	S369B	S369C
1/26/2005	0.293	0.042	1/26/2005	0.069	0.066
2/3/2005	0.242	0.059	2/3/2005	0.063	0.061
2/10/2005	0.181	0.040	2/10/2005	0.062	0.059
2/17/2005	0.185	0.047	2/17/2005	0.050	0.045

Four week Geometric Mean of inflow sites (S319) = **0.221 (mg/L)**

Four week Geometric Mean of outflow sites (S369B & S369C) = **0.059 (mg/L)**

Total and Methylated Mercury was sampled for at S319 and ST1EC4SA on 2/3/05 with the following results:

	TOTAL HG	METHYLATED HG
S319 (Inflow)	5.5 ng/L	0.095 ng/L
ST1EC4SA (Interior)	1.4 ng/L	0.51 ng/L

STA-1E CELL's 5, 6 and 7 STARTUP Preliminary Total Phosphorus Four Week Geometric Mean Comparisons ending 02/17/2005

(Total Phosphorus(mg/L) (Grabs)) Inflow Site			(Total Phosphorus (mg/L) (Grabs)) Outflow sites		
DATE	S319	S361	DATE	S372B	S372D
1/26/2005	0.293	0.042	1/26/2005	0.075	0.106
2/3/2005	0.242	0.059	2/3/2005	0.085	0.110
2/10/2005	0.181	0.040	2/10/2005	0.108	0.129
2/17/2005	0.185	0.047	2/17/2005	0.063	0.078

Four week Geometric Mean of inflow sites (S319) = **0.221 (mg/L)**

Four week Geometric Mean of outflow sites (S372B & S372D) = **0.092 (mg/L)**

Total and Methylated Mercury was sampled for at S319 and ST1EC6A on 2/3/05 with the following results:

	TOTAL HG	METHYLATED HG
S319 (Inflow)	5.5 ng/L	0.095 ng/L
ST1EC6A (Interior)	1.2 ng/L	0.47 ng/L