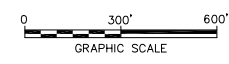


NOTE:  
1. DATA ARE PRESENTED IN PARTS PER TRILLION (ppt).



NEWARK BAY STUDY AREA RIWP  
SEDIMENT SAMPLING AND SOURCE IDENTIFICATION PROGRAM  
INVENTORY REPORT

2,3,7,8-TCDD AND 2,3,7,8-TCDF (ppt)  
PASSAIC RIVER - NEWARK REACH

FIGURE  
3-5j

X: 09989X00.DWG, 09989X01.DWG  
L: ON=\*, OFF=\*REF\*  
P: PAGESET/SYR-DL  
6/2/04 SYR-85-LAF LAF LJP  
09989010/DIOXIN/09989B04.DWG

SEE FIGURE 3-5 FOR LEGEND AND NOTES

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	404 J	51.1
0.15 - 0.46	233 J	30.4 J
0.46 - 0.76	295 J	38.2
0.76 - 1.1	378 J	18.8
1.1 - 1.4	452	10.5
1.4 - 1.7	2,170 J	35.3 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	56.3	10.3
0.15 - 0.46	14.8	3.47
0.46 - 0.76	6.42	0.94
0.76 - 1.1	2.1	0.51 U
1.1 - 1.4	0.88 U	0.61 U
1.4 - 1.7	0.48 U	0.12 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	25	3.01
0.15 - 0.46	3.24	0.62 U
0.46 - 0.76	1.7 U	0.47 U
0.76 - 1.1	0.93 U	0.66 U
1.1 - 1.4	0.79 U	0.43 U
1.4 - 1.7	31.1 J	1 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	208	27.2
0.15 - 0.46	183	28
0.46 - 0.76	112	12.5
0.76 - 1.1	15.6	3.09
1.1 - 1.4	14.6	3.38
1.4 - 1.7	12.2	2.73

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	4.4 U	0.63 U
0.15 - 0.46	11.5	0.48 U
0.46 - 0.76	3.1 U	1 U
0.76 - 1.1	0.54 U	0.34 U
1.1 - 1.4	0.92 U	0.31 U
1.4 - 1.7	1.05	0.314 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	65.2 J	7.6 J
0.15 - 0.46	12.1 J	3.99
0.46 - 0.76	1.1 UJ	1.21 J
0.76 - 1.1	0.48 UJ	0.41 UJ
1.1 - 1.4	0.6 UJ	0.48 UJ
1.4 - 1.7	1.6 UJ	0.88 UJ

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	254	21.8

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	325	13.4

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	292	28.8

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	220	19.1

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	431	49.9
0.15 - 1.2	1,450 J	82.2
1.2 - 1.9	2,440 D	56.8
1.9 - 2.1	14.8 J	16.8
2.1 - 2.6	11.9 J	4.36 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	405	40.1
0.15 - 1	317 J	41.8 J
1 - 1.5	324	54.3
1.5 - 1.8	5.05	0.66 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	318	36.4
0.15 - 0.76	818	40.4
0.76 - 1.4	461	61 J
1.4 - 2	598 J	70.8 J
2 - 2.6	382	30.3
2.6 - 3.3	3.44	0.37 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	239 J	23.5 J
0.15 - 0.64	408 J	36.8 J
0.64 - 1.1	2,570 J	61.9 J
1.1 - 1.6	10,900 DJ	177 J
1.6 - 2.1	57,500 DJ	329 J
2.1 - 2.6	18,500 DJ	321 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	5,560 DJ	55.7 J
0.15 - 0.52	10,000 DJ	115 J
0.52 - 0.76	2,350 DJ	42.5 J
0.76 - 1.2	2.32 J	0.64 UJ

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	38.7	13.2 J
0.15 - 0.46	6.03	25.3 J
0.46 - 0.76	3.85	1.75
0.76 - 1.1	0.85 U	0.44 U
1.1 - 1.4	1.7 U	1 U
1.4 - 1.7	1.7 U	0.49 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.052	534	56
0.46 - 0.51	3.3	3.2
0.81 - 0.86	4.2	0.33 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	216 J	25.4 J
0.15 - 0.52	608 J	39
0.52 - 0.88	355 J	43.2 J
0.88 - 1.3	429 J	114
1.3 - 1.6	4,810 DJ	85.5
1.6 - 2	12 J	30.4 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	37.3 J	7.94 J
0.15 - 0.46	1.8 U	0.49 U
0.46 - 0.76	9.11 J	1.9 U
0.76 - 1.1	1.9 UJ	0.52 U
1.1 - 1.4	0.51 UJ	0.41 UJ
1.4 - 1.7	0.58 UJ	0.31 UJ

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	230	28.3 J
0.15 - 1.3	326	55.5
1.3 - 1.9	5,110 DJ	156 J
1.9 - 3	3,460 J	118 J
2.5 - 3.4	361 J	22.8 J
3.1 - 3.7	2.4 U	7.11
3.7 - 4.5	0.61 UJ	0.24 UJ

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	291	54.8 J
0.15 - 0.46	371	154 J
0.46 - 0.76	427	113 J
0.76 - 1.1	469	176 J
1.1 - 1.4	1,650	46.1 J
1.4 - 1.7	19,800 D	45.3 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	11.2 DJ	18.5 J
0.15 - 0.46	0.99 U	0.47 U
0.46 - 0.76	0.756	0.2 U
0.76 - 1.1	0.84 U	0.35 U
1.1 - 1.3	0.75 U	0.36 U
1.4 - 1.7	0.79 U	0.26 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	285 J	33.6 J
0.15 - 1.3	474 J	51.4
1.3 - 1.5	3,660 DJ	71.6 J
1.5 - 2	18,100 DJ	207
1.7 - 2.1	43,300 DJ	357
2 - 2.2	3,620 D	39.2
2.2 - 2.6	37	7.34

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	3.53	0.31
0.15 - 0.46	4.06	0.41 U
0.46 - 0.76	1.5 U	0.54 U
0.76 - 1.1	0.71 U	0.41 U
1.1 - 1.4	0.64 U	0.34 U
1.4 - 1.7	0.42 U	0.38 U

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	254 U	31.3
0.15 - 0.4	364	46.8
0.4 - 0.85	496	62.9
0.61 - 0.98	299	44.5 J
0.85 - 1.1	696	38.1
1.1 - 1.5	81.9 J	13.5 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	187 J	32.9 J
0.15 - 0.67	282 J	38.1
0.67 - 0.88	442 J	56.5
0.88 - 1.7	13,900 DJ	147
1.3 - 2	23,800 DJ	333
1.7 - 2.3	22,100 DJ	430
2.3 - 2.9	15,200 D	198

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	258	36.4 J
0.15 - 0.88	515	50.1 J
0.88 - 1	1,000	58.2 J
1 - 1.2	3,430 DJ	61.5
1.3 - 1.7	83.3	21.3 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	258	36.4 J
0.15 - 0.88	515	50.1 J
0.88 - 1	1,000	58.2 J
1 - 1.2	3,430 DJ	61.5
1.3 - 1.7	83.3	21.3 J

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	187 J	32.9 J
0.15 - 0.67	282 J	38.1
0.67 - 0.88	442 J	56.5
0.88 - 1.7	13,900 DJ	147
1.3 - 2	23,800 DJ	333
1.7 - 2.3	22,100 DJ	430
2.3 - 2.9	15,200 D	198

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.091	24	16

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	296	23.3

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	227	27.6

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	282	24.8

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	343	26.7

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	261	27.1

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	349	32.6

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	373	34.9

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	571	32

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	343	26.7

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	294	23.5

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	258	21.9

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	294	23.5

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	258	21.9

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 - 0.15	269 J	35.4
0.15 - 0.43	414 J	46.2
0.43 - 0.7	698 J	60.2
0.7 - 0.99	343 J	40.4 J
0.98 - 1.3	2.84 J	0.81 UJ

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
No Depth	NA	NA

Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
No Depth	NA	NA