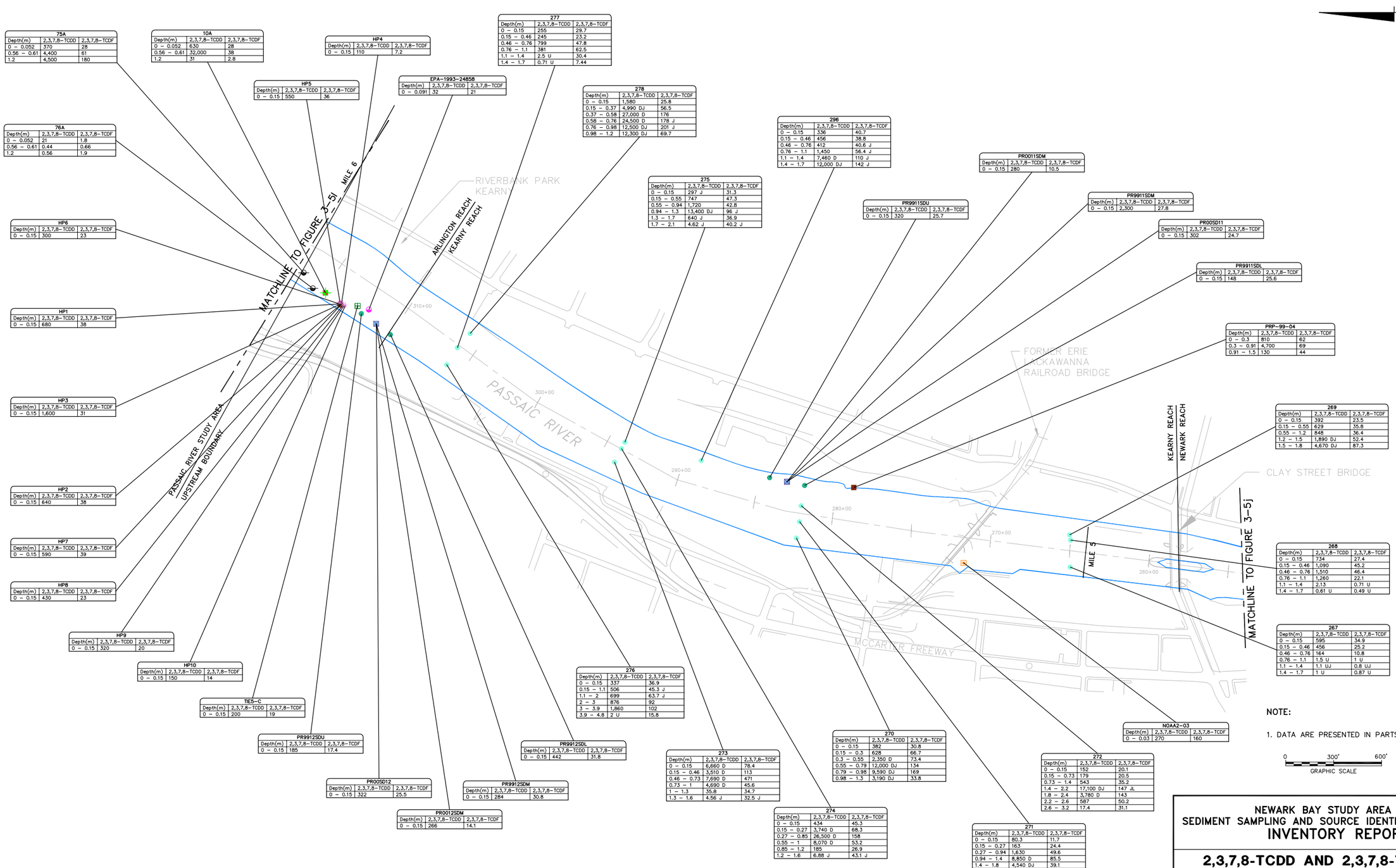

75A		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.052	370	28
0.56 – 0.61	4,400	61
1.2	4,500	180

10A		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.052	630	28
0.56 – 0.61	32,000	38
1.2	31	2.8

HP4		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	110	7.2

277		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	255	29.7
0.15 – 0.46	245	23.2
0.46 – 0.76	799	47.8
0.76 – 1.1	381	62.5
1.1 – 1.4	2.5 U	30.4
1.4 – 1.7	0.71 U	7.44

HP5		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	550	36

EPA-1993-24858		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.091	32	21

278		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	1,580	25.8
0.15 – 0.37	4,990 DJ	56.5
0.37 – 0.58	27,000 D	176
0.58 – 0.76	24,500 D	178 J
0.76 – 0.98	12,500 DJ	201 J
0.98 – 1.2	12,300 DJ	69.7

76A		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.052	21	1.8
0.56 – 0.61	0.44	0.66
1.2	0.56	1.9

296		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	336	40.7
0.15 – 0.46	456	38.8
0.46 – 0.76	412	40.6 J
0.76 – 1.1	1,450	56.4 J
1.1 – 1.4	7,460 D	110 J
1.4 – 1.7	12,000 DJ	142 J

PR0011SDM		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	280	10.5

275		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	297 J	31.3
0.15 – 0.55	747	47.3
0.55 – 0.94	1,720	42.8
0.94 – 1.3	13,400 DJ	96 J
1.3 – 1.7	640 J	36.9
1.7 – 2.1	4.62 J	40.2 J

PR9911SDU		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	320	25.7

PR9911SDM		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	2,300	27.8

PR005D11		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	302	24.7

HP6		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	300	23

PR9911SDL		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	148	25.6

HP1		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	680	38

PRP-99-04		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.3	810	62
0.3 – 0.91	4,700	69
0.91 – 1.5	130	44

HP3		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	1,600	31

269		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	392	23.5
0.15 – 0.55	629	35.8
0.55 – 1.2	848	36.4
1.2 – 1.5	1,890 DJ	52.4
1.5 – 1.8	4,670 DJ	87.3

HP2		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	640	38

268		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	734	27.4
0.15 – 0.46	1,090	45.2
0.46 – 0.76	1,510	46.4
0.76 – 1.1	1,260	22.1
1.1 – 1.4	2.13	0.71 U
1.4 – 1.7	0.61 U	0.49 U

HP7		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	590	39

HP8		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	430	23

267		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	595	34.9
0.15 – 0.46	456	25.2
0.46 – 0.76	164	10.8
0.76 – 1.1	1.5 U	1 U
1.1 – 1.4	1.1 UJ	0.8 UJ
1.4 – 1.7	1 U	0.87 U

HP9		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	320	20

HP10		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	150	14

TIE5-C		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	200	19

276		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	337	36.9
0.15 – 1.1	506	45.3 J
1.1 – 2	699	63.7 J
2 – 3	876	92
3 – 3.9	1,860	102
3.9 – 4.8	2 U	15.8

NOAA2-03		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.03	270	160

PR9912SDU		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	185	17.4

PR9912SDL		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	442	31.8

270		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	382	30.8
0.15 – 0.3	628	66.7
0.3 – 0.55	2,350 D	73.4
0.55 – 0.79	12,000 DJ	134
0.79 – 0.98	9,590 DJ	169
0.98 – 1.3	3,190 DJ	33.8

273		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	6,660 D	78.4
0.15 – 0.46	3,510 D	113
0.46 – 0.73	7,690 D	471
0.73 – 1	4,690 D	45.6
1 – 1.3	35.8	34.7
1.3 – 1.6	4.56 J	32.5 J

PR005D12		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	322	25.5

PR9912SDM		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	284	30.8

272		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	152	20.1
0.15 – 0.73	179	20.5
0.73 – 1.4	543	35.2
1.4 – 2.2	17,100 DJ	147 JL
1.8 – 2.4	3,780 D	143
2.2 – 2.6	587	50.2
2.6 – 3.2	17.4	31.1

PR0012SDM		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	266	14.1

274		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	434	45.3
0.15 – 0.27	3,740 D	68.3
0.27 – 0.85	26,500 D	158
0.55 – 1	8,070 D	53.2
0.85 – 1.2	185	26.9
1.2 – 1.6	6.88 J	43.1 J

271		
Depth(m)	2,3,7,8-TCDD	2,3,7,8-TCDF
0 – 0.15	80.3	11.7
0.15 – 0.27	163	24.4
0.27 – 0.94	1,630	49.6
0.94 – 1.4	8,850 D	85.5
1.4 – 1.8	4,540 DJ	39.1

NOTE:

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

0 300' 600'
GRAPHIC SCALE

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 - KEARNY/ARLINGTON REACH

FIGURE
3-5k

X: 09989X00.DWG, 09989X01.DWG
L: ON=*, OFF=*REF*
P: PAGESET/SYR-DL
6/2/04 SYR-85-LAF LAF LJP
09989010/DIOXIN/09989B05.DWG

SEE FIGURE 3-5 FOR LEGEND AND NOTES