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PROJECT:
 CITY OF FORT LAUDERDALE
 DURRS NEIGHBORHOOD
 FORT LAUDERDALE, FL

SHEET TITLE:
 DIOXIN / FURAN RESULTS
 FEB-MAR 2013

Dwg. Date:	4/18/2013
Job No.:	2013-3001
Drawn By:	IA
App. By:	
Scale:	AS SHOWN
Cad File:	FIG2
Revisions:	
Figure No.	

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TABLE 1
 DIOXIN/FURAN CONGENER SUMMARY RESULTS
 POST-SOURCE REMOVAL CONFIRMATION SOIL SAMPLING EVENT - FEBRUARY 2013

DURRS NEIGHBORHOOD
 FORT LAUDERDALE, FLORIDA
 (NORTH OF CFL TRASH TRANSFER STATION SITE)

Congener	TEF	SB - 380 - R (0 to 0.5-ft BLS)	Converted Results*	SB - 380 - R (0.5 to 2-ft BLS)	Converted Results*	SB - 370 - R (0 to 0.5-ft BLS)	Converted Results*	SB - 370 - R (0.5 to 2-ft BLS)	Converted Results*	SB - 270 - R (0 to 0.5-ft BLS)	Converted Results*	SB - 270 - R (0.5 to 2-ft BLS)	Converted Results*
2,3,7,8-TCDD	1	0.095	0.095	0.20	0.2	0.110	0.11	0.085	0.085	0.11	0.11	0.12	0.12
1,2,3,7,8-PeCDD	1	1.10	1.1	0.84	0.84	0.53	0.53	0.51	0.51	0.19	0.19	0.49	0.49
1,2,3,4,7,8-HxCDD	0.1	2.10	0.21	1.50	0.15	0.51	0.051	1.00	0.1	0.21	0.021	0.79	0.079
1,2,3,6,7,8-HxCDD	0.1	8.80	0.88	7.20	0.72	2.30	0.23	4.50	0.45	1.10	0.11	2.30	0.23
1,2,3,7,8,9-HxCDD	0.1	4.50	0.45	4.30	0.43	1.60	0.16	1.80	0.19	0.55	0.055	1.50	0.15
1,2,3,4,6,7,8-HpCDD	0.01	360.00	3.6	320.00	3.2	79.00	0.79	220.00	2.2	41.00	0.41	120.00	1.2
OCDD	0.0001	3400.00	0.34	3200.00	0.32	700.00	0.07	3000.00	0.3	480.00	0.048	840.00	0.084
2,3,7,8-TCDF	0.1	0.82	0.082	0.52	0.052	0.79	0.079	0.67	0.067	0.66	0.066	0.47	0.047
1,2,3,7,8-PeCDF	0.05	0.48	0.024	0.36	0.018	0.54	0.027	0.38	0.019	0.20	0.01	0.54	0.027
2,3,4,7,8-PeCDF	0.5	0.81	0.405	0.61	0.305	0.72	0.36	0.72	0.36	0.44	0.22	1.20	0.6
1,2,3,4,7,8-HxCDF	0.1	2.3	0.23	1.20	0.12	0.70	0.07	1.30	0.13	0.45	0.045	1.20	0.12
1,2,3,6,7,8-HxCDF	0.1	1.40	0.14	1.30	0.13	0.78	0.078	0.94	0.094	0.35	0.035	1.40	0.14
2,3,4,6,7,8-HxCDF	0.1	2.40	0.24	1.90	0.19	0.80	0.08	1.20	0.12	0.60	0.06	2.30	0.23
1,2,3,7,8,9-HxCDF	0.1	0.47	0.047	0.24	0.024	0.24	0.024	0.21	0.021	0.08	0.008	0.32	0.032
1,2,3,4,6,7,8-HpCDF	0.01	40.00	0.4	37.00	0.37	10.00	0.1	21.00	0.21	6.70	0.067	9.10	0.091
1,2,3,4,7,8,9-HpCDF	0.01	2.30	0.023	2.00	0.02	0.47	0.0047	1.20	0.012	0.30	0.003	0.68	0.0068
OCDF	0.0001	130.00	0.013	130.00	0.013	24.00	0.0024	86.00	0.0086	18.00	0.0018	11.00	0.0011
Sum Total Concentration of Weighted Dioxin/Furan Congeners =			8.28		7.10		2.77		4.88		1.46		3.65

Congener	TEF	SB - 80 - R (0 to 0.5-ft BLS)	Converted Results*	SB - 80 - R (0.5 to 2-ft BLS)	Converted Results*	SB - 90 - R (0 to 0.5-ft BLS)	Converted Results*	SB - 90 - R (0.5 to 2-ft BLS)	Converted Results*
2,3,7,8-TCDD	1	0.21	0.21	0.18	0.18	0.090	0.09	0.26	0.26
1,2,3,7,8-PeCDD	1	3.60	3.6	1.40	1.4	0.26	0.26	1.10	1.1
1,2,3,4,7,8-HxCDD	0.1	7.30	0.73	1.70	0.17	0.33	0.033	1.50	0.15
1,2,3,6,7,8-HxCDD	0.1	39.00	3.9	8.10	0.81	1.80	0.18	4.20	0.42
1,2,3,7,8,9-HxCDD	0.1	29.00	2.9	3.90	0.39	1.10	0.11	2.90	0.29
1,2,3,4,6,7,8-HpCDD	0.01	2600.00	26	210.00	2.1	56.00	0.56	100.00	1
OCDD	0.0001	15000.00	1.5	2300.00	0.23	590.00	0.059	890.00	0.089
2,3,7,8-TCDF	0.1	0.07	0.007	0.91	0.091	0.54	0.054	1.80	0.18
1,2,3,7,8-PeCDF	0.05	0.23	0.0115	0.88	0.044	0.21	0.0105	1.90	0.095
2,3,4,7,8-PeCDF	0.5	0.60	0.3	2.80	1.4	1.70	0.85	4.40	2.2
1,2,3,4,7,8-HxCDF	0.1	1.50	0.15	2.40	0.24	0.70	0.07	4.50	0.45
1,2,3,6,7,8-HxCDF	0.1	1.70	0.17	2.70	0.27	0.84	0.084	4.00	0.4
2,3,4,6,7,8-HxCDF	0.1	2.50	0.25	4.00	0.4	1.80	0.18	5.70	0.57
1,2,3,7,8,9-HxCDF	0.1	0.23	0.023	0.40	0.04	0.25	0.025	0.86	0.086
1,2,3,4,6,7,8-HpCDF	0.01	28.00	0.28	70.00	0.7	21.00	0.21	36.00	0.36
1,2,3,4,7,8,9-HpCDF	0.01	3.10	0.031	2.30	0.023	0.65	0.0065	1.60	0.016
OCDF	0.0001	61.00	0.0061	210.00	0.021	54.00	0.0054	45.00	0.0045
Sum Total Concentration of Weighted Dioxin/Furan Congeners =			40.07		8.51		2.79		7.88

Congener	TEF	SB-80R-Southeast (0 to 0.5-ft BLS)	Converted Results*	SB-80R-South (0 to 0.5-ft BLS)	Converted Results*	SB-80R West	Converted Results*	SB-80R-3	Converted Results*
2,3,7,8-TCDD	1	0.165	0.165	0.20	0.195	0.130	0.13	0.140	0.14
1,2,3,7,8-PeCDD	1	0.63	0.63	0.78	0.79	1.70	1.7	1.40	1.4
1,2,3,4,7,8-HxCDD	0.1	1.50	0.15	1.40	0.14	2.50	0.25	3.30	0.33
1,2,3,6,7,8-HxCDD	0.1	5.40	0.54	5.40	0.54	12.00	1.2	16.00	1.6
1,2,3,7,8,9-HxCDD	0.1	3.60	0.36	4.70	0.47	7.20	0.72	6.60	0.66
1,2,3,4,6,7,8-HpCDD	0.01	150.00	1.5	150.00	1.5	240.00	2.4	440.00	4.4
OCDD	0.0001	1700.00	0.17	1400.00	0.14	2400.00	0.24	5500.00	0.55
2,3,7,8-TCDF	0.1	0.89	0.089	0.82	0.082	1.80	0.18	2.20	0.22
1,2,3,7,8-PeCDF	0.05	0.63	0.0315	0.92	0.046	2.10	0.105	1.70	0.085
2,3,4,7,8-PeCDF	0.5	1.20	0.6	3.50	1.75	5.40	2.7	2.00	1
1,2,3,4,7,8-HxCDF	0.1	2.4	0.24	3.00	0.3	6.00	0.6	5.40	0.54
1,2,3,6,7,8-HxCDF	0.1	2.30	0.23	3.20	0.32	5.60	0.56	6.30	0.63
2,3,4,6,7,8-HxCDF	0.1	3.80	0.38	5.00	0.5	7.00	0.7	9.00	0.9
1,2,3,7,8,9-HxCDF	0.1	0.60	0.06	0.74	0.074	1.70	0.17	1.70	0.17
1,2,3,4,6,7,8-HpCDF	0.01	39.00	0.39	48.00	0.48	100.00	1	200.00	2
1,2,3,4,7,8,9-HpCDF	0.01	1.50	0.015	1.90	0.019	4.50	0.045	7.40	0.074
OCDF	0.0001	43.00	0.0043	61.00	0.0061	160.00	0.016	420.00	0.042
Sum Total Concentration of Weighted Dioxin/Furan Congeners =			5.55		7.35		12.72		14.74

Note: Values reported in nanograms per kilogram (ng/Kg)

Note: All results reported in pg/g