SUMMARY OF DIOXINS/FURANS IN SOIL SAMPLES
RIVERSIDE AVENUE SITE
NEWARK, NJ

Tetra Tech Sample ID	TP2-2		TP3-2		TP5-2		TP6-2		TP7-2	
Laboratory Sample ID	6534429		6534430		6534431		6534432		6534433	
Field QC							Dupl. of TP7-2		Dupl. of TP6-2	
Laboratory	Lancaster Labs		Lancaster Labs		Lancaster Labs		Lancaster Labs		Lancaster Labs	
Analytical Method	SW846 8290A		SW846 8290A		SW846 8290A		SW846 8290A		SW846 8290A	
Sample Collection Date	1/25/2012		1/25/2012		1/26/2012		1/27/2012		1/27/2012	
Sample Collection Time	12:45		15:15		10:30		11:45		13:00 (11:45)	
Dilution	1		1		1		1		1	
% Moisture	17.9		15.6		18.5		15.2		19.7	
Units	ng/kg		ng/kg		ng/kg		ng/kg		ng/kg	
Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2378-TCDD	< 1.20		< 1.17		< 1.23		1.65	B	< 1.23	
12378-PeCDD	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
123478-HxCDD	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
123678-HxCDD	< 6.00		< 5.83		< 6.13		5.91	B	< 6.15	
123789-HxCDD	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
1234678-HpCDD	21.6	B	26.5	B	49.8	B	59.9	B	50.2	B
OCDD	1,450	B	2,760	B	1,870	B	1,710	B	2,390	B
2378-TCDF	< 1.20		< 1.17		< 1.23		< 1.18		n.a.	
2378-TCDF-Conf	n.a.		n.a.		n.a.		n.a.		< 1.23	
12378-PeCDF	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
23478-PeCDF	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
123478-HxCDF	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
123678-HxCDF	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
123789-HxCDF	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
234678-HxCDF	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
1234678-HpCDF	9.17	B	10.0	B	22.9	B	26.3	B	26.7	B
1234789-HpCDF	< 6.00		< 5.83		< 6.13		< 5.88		< 6.15	
OCDF	22.6	B	28.5	B	110	B	57.4	B	56.5	B
Total TCDD	2.66	QB	3.15	QB	2.32	QB	13.1	QB	5.52	QB
Total PeCDD	< 6.00		< 5.83		< 6.13		25.7	QB	8.80	QB
Total HxCDD	11.2	QB	8.68	QB	10.1	QB	56.4	QB	26.3	QB
Total HpCDD	50.7	B	56.9	QB	90.6	B	117	QB	98.7	B
Total TCDF	11.7	QB	8.73	QB	4.00	QB	16.0	QB	18.1	QB
Total PeCDF	9.83	QB	7.54	QB	< 6.13		16.6	QB	17.8	QB
Total HxCDF	14.2	QB	12.1	QB	19.9	QB	29.7	QB	31.1	QB
Total HpCDF	24.6	QB	29.6	QB	94.6	QB	65.4	QB	67.9	QB

Notes

B =Detected in Method Blank

Q =EMPC - Estimated Maximum Possible Concentration

n.a. = not analyzed

ng/kg = nanograms per kilogram