

Appendix 2

Benzene Diffusion Tube Monitoring Data

Killingholme Survey

Scunthorpe Survey

**Appendix 2 – Benzene
Diffusion Tube Data
Killingholme**

Tube ID	Location	$\mu\text{g}/\text{m}^3$					Distance from Source Boundary (m)
		Dec-03	Jan-04	Feb-04	Mar-04	Average	
1	Eastfield Rd/ Baptist Chapel La	1.59	1.66	2.50	2.08	1.96	210
2	Faulding La/ Baptist Chapel La	1.40	1.43	1.89	1.59	1.58	450
3	Eastfield Rd		2.18	5.53	3.22	3.64	170
4	Eastfield Rd/ Humber Rd	5.85	2.21	7.48	4.55	5.02	0
5	Humber Road	2.60	1.46	3.02	2.02	2.28	290
6	Primitive Chapel La/Humber Rd	1.76	1.50	2.67	1.69	1.90	470
7	Staple Rd	1.11		2.44	1.59	1.71	500
8	Greengate Rd		1.33	2.37	1.79	1.83	1030
9	Clarkes Rd	0.33	1.33	1.43	1.17	1.06	770
10	Nicholson Rd(a)	1.98	1.56	1.79	1.40	1.68	450
11	Nicholson Rd(b)	1.59	1.14	1.63	1.33	1.42	450
12	Nicholson Rd(c)	1.59	1.50	1.79	0.85	1.43	450
13	Eastfield Rd/ Nicholson Rd	2.24	1.53	3.58	2.31	2.41	0
14	Eastfield Rd	2.34	1.63	4.88	3.58	3.10	0
15	Chase Hill Rd/ Eastfield Rd	1.30	1.14	1.46	1.63	1.38	0
16	Brick La, East Halton	5.85	1.46	1.04	1.11	2.36	500
17	Scrub La, East Halton	0.94	1.37	1.20	1.98	1.37	900
18	Eastfield Rd/ Staple Rd	2.54	2.47	4.23	3.58	3.20	0
19	Marsh La	1.79	2.50	3.58	2.47	2.58	1000
20	Station Rd/Rosper Rd	4.23	5.53	4.23	3.06	4.26	0
21	Humber Road(a)	1.04	8.78	2.31	7.48	4.90	0
22	Humber Road(b)	5.20		11.70	7.15	8.02	0
23	Humber Road(c)	5.85	8.78	14.30	6.83	8.94	0
24	A180	1.69	1.37	1.33		1.46	n/a
25	Kettleby La, Wrawby	1.40	1.89	1.50	1.33	1.53	n/a

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Diffusion Tube Data
Scunthorpe**

Tube ID	Location	$\mu\text{g}/\text{m}^3$					Distance from Source Boundary (m)
		Dec-03	Jan-04	Feb-04	Mar-04	Average	
26	Brigg Rd/ Rowland Rd(a)	3.25	1.89	2.99	1.92	2.51	0
27	Brigg Rd/ Rowland Rd(b)	3.22	1.95	2.89	1.79	2.46	0
28	Brigg Rd/ Rowland Rd(c)	2.93	1.98	2.83	2.08	2.45	0
29	Queens St/ Rowland Rd(a)	3.06	1.76	2.15	1.66	2.15	490
30	Queens St/ Rowland Rd(b)	2.21	1.72	4.23	1.53	2.42	490
31	Queens St/ Rowland Rd(c)	2.63	1.69	2.24	1.63	2.05	490
32	Cottage Beck Rd/ Warwick Rd	3.06	2.28	3.25	1.89	2.62	680
33	Cottage Beck Rd/ Ashby Rd	3.58	2.15	2.93	2.18	2.71	1400
34	Ashby Rd/ Lydbrook	3.25	2.15	2.24	2.18	2.45	1500
35	Cemetery Rd/ Fairmont Cres	1.72	1.95	2.21	1.53	1.85	1000
36	Warwick Rd/Lilac Ave	2.54		2.93	1.72	2.39	800
37	Lilac Ave	2.96	1.53	2.31	1.79	2.15	480
38	Healy Rd/ Rutland Rd	1.95	1.66			1.80	870
39	Brigg Rd/ Grange Lane North	5.20	2.18	3.58	2.96	3.48	0
40	Thompson Rd/ Station Rd	1.72	1.53	1.89	1.53	1.67	600
41	Brigg Rd/ Station Rd	4.55	2.21	2.83	0.88	2.62	0
42	High Street East/ Dawes La	4.23	2.21	4.88	2.63	3.49	0
43	Dawes Lane, Santon (a)	3.58	5.20	4.23	3.09	4.02	0
44	Dawes Lane, Santon(b)	4.88	6.50	3.25	3.02	4.41	0
45	Dawes Lane, Santon(c)	4.88	5.85	3.90	3.25	4.47	0
46	Dawes Lane, Santon	2.15	3.58	2.76	2.24	2.68	620
47	Trafford St/ Cross St	3.58	1.98	3.58	3.25	3.10	150
48	Kings Ct/ Chapel St	2.96	1.11	1.79	2.34	2.05	320
49	Crosby Rd/ Chapel St	3.06	1.53	1.89	1.85	2.08	480
50	Blank tube	0.26	0.20	0.23	0.23	0.23	n/a