

Table 1
Screening Analytical Results
Possible Foundry Sand
Studebaker Area A Demolition
South Bend, Indiana

Analyte	96 NonRes Subsurf	96 NonRes Surf	RISC Indust. Default Closure	RISC Resid. Default Closure	Sample #1 Northwest	Sample #2 Southwest	Sample #3 East	Tunnel #1 Sample 4TE	Tunnel #1 Sample 4TW	Tunnel #2 Sample 3T	Tunnel #3 Sample 2T-Black	Tunnel #3 Sample 2T-Grey	Tunnel #4 Sample 1T
C8-C36	---	---	5800	3100	14000	1400	320	5300	ND	35	520	32	ND
Mercury	87.6	122.4	32	2.1	0.44	0.62	0.16	0.63	0.14	0.12	ND	ND	ND
Antimony	584	816	37	5.4	1.9	4.4	2.2	4.8	1.4	ND	ND	ND	ND
Arsenic	438	612	5.8	3.9	8.4	15	5.1	9.7	4.1	3.8	1.8	3.9	0.84
Barium	10000	10000	10000	1600	210	250	83	210	39	31	18	210	230
Cadmium	730	1020	77	7.5	1.3	4.6	1.9	9.3	0.83	0.4	ND	0.45	0.48
Chromium	7300	10000	120	38	49	58	31	44	6.2	4	5.7	9.8	20
Copper	---	---	2900	920	81	110	72	98	16	18	11	3.8	3.4
Lead	1000	1000	230	81	260	280	230	620	140	74	39	11	3.7
Nickel	10000	10000	2700	950	29	36	37	40	8.1	5.7	3.4	6.5	3.9
Selenium	7300	10000	53	5.2	0.93	0.52	0.52	1.2	0.53	0.59	0.41	2.6	2.9
Silver	7300	10000	87	31	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	---	---	10	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	10000	10000	1800	130	75	ND	0.03	2.5	ND	ND	0.041	ND	ND
Acenaphthylene	---	---	180	18	11	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	10000	10000	2000	2000	150	2	0.11	5.2	0.047	ND	ND	ND	ND

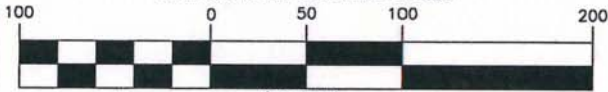
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Benzo(a)anthracene	103.88	79.45	15	5	470	6.8	0.52	23	0.099	0.045	0.93	ND	ND
Benzo(a)pyrene	69.85	7.94	1.5	0.5	340	7.8	0.52	18	0.099	0.036	0.73	ND	ND
Benzo(b)fluoranthene	354.98	79.45	15	5	410	8.9	0.62	18	0.12	0.062	0.51	0.028	0.036
Benzo(g,h,i)perylene	---	---	---	---	170	9.1	0.43	ND	0.049	ND	0.42	ND	ND
Benzo(k)fluoranthene	3759.12	794.52	150	50	470	12	0.62	21	0.13	ND	0.45	ND	0.025
Chrysene	10000	7945.21	1500	500	330	8.6	0.66	17	0.14	0.094	1.9	0.023	ND
Dibenz(a,h)anthracene	69.86	7.95	1.5	0.5	33	ND	0.14	ND	ND	ND	ND	ND	ND
Fluoranthene	10000	10000	2000	2000	820	15	0.86	43	0.2	0.04	0.23	ND	0.025
Pyrene	10000	10000	2000	2000	1100	15	0.97	39	0.25	0.052	0.53	ND	0.029
Fluorene	10000	10000	2000	170	93	ND	0.039	2.3	ND	ND	0.048	ND	ND
Indeno(1,2,3-cd)pyrene	629.17	79.45	15	5	160	4.5	0.33	7.2	0.041	ND	ND	ND	ND
Naphthalene	10000	10000	170	0.7	28	ND	0.36	2.3	0.36	0.37	0.97	ND	ND
Phenanthrene	---	---	170	13	730	9.1	0.74	31	0.29	0.16	0.76	ND	ND
Bis(2-ethylhexyl) phthalate	1406.25	4142.86	980	300	ND	ND	ND	1200	ND	ND	ND	ND	ND

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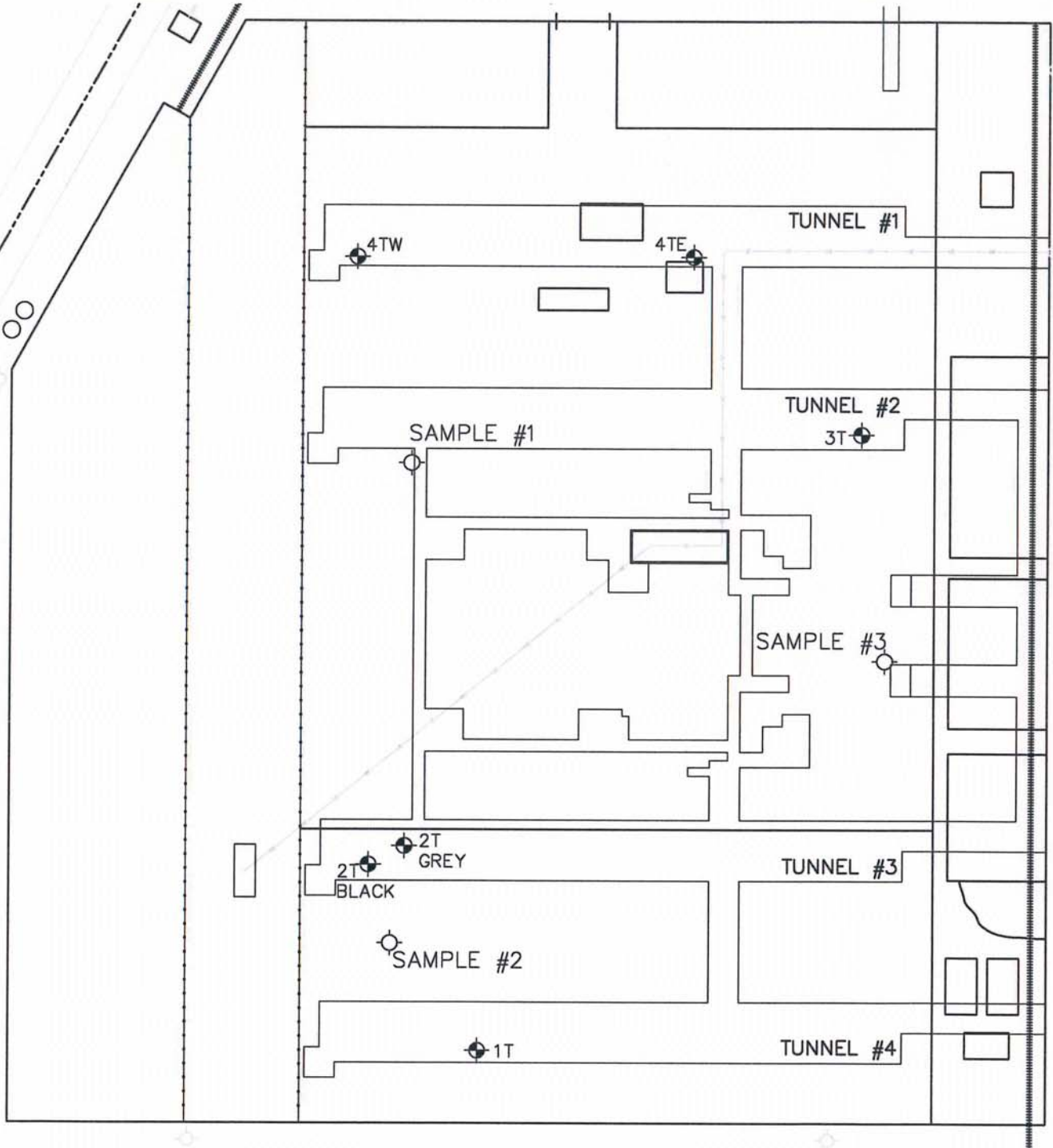
Analyte	96 NonRes Subaurf	96 NonRes Surf	RISC Indust. Default Closure	RISC Resid. Default Closure	Sample #1 Northwest	Sample #2 Southwest	Sample #3 East	Tunnel #1 Sample 4TE	Tunnel #1 Sample 4TW	Tunnel #2 Sample 3T	Tunnel #3 Sample 2T-Black	Tunnel #3 Sample 2T-Grey	Tunnel #4 Sample 1T
Carbazole	---	---	20	5.9	52	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	---	---	65	4.9	43	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	---	---	42	3.1	31	ND	0.46	ND	ND	0.41	0.94	ND	ND
Acetone	136.29	1000	370	28	0.17	0.12	ND	ND	0.033	0.1	0.041	0.019	ND
Benzene	4.77	16.63	0.35	0.034	ND	ND	ND	0.02	ND	0.017	0.011	ND	ND
Carbon disulfide	---	---	82	10	0.008	ND	ND	ND	ND	ND	ND	0.0082	ND
Chloromethane	---	---	---	---	ND	ND	ND	0.018	ND	ND	ND	ND	ND
Isopropylbenzene	---	---	42	11	0.016	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone (MEK)	146.24	1000	250	35	0.023	0.024	0.018	0.074	ND	0.018	ND	ND	ND
n-Butanol	---	---	44	16	0.76	ND	0.28	0.49	ND	ND	ND	ND	ND
n-Hexane	---	---	100	100	ND	0.0093	0.024	ND	ND	ND	ND	ND	ND
Toluene	1000	1000	96	12	0.007	0.0067	ND	0.02	ND	0.0072	ND	ND	ND
Trichloroethene	25.73	24.97	0.35	0.057	ND	ND	ND	0.01	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	---	---	170	2.5	0.033	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	---	---	68	0.61	0.013	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	1000	1000	170	170	0.022	ND	ND	ND	ND	ND	ND	ND	ND

APPROXIMATE GRAPHIC SCALE



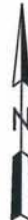
(IN FEET)
1 inch = 100 ft.

NOTE
THIS SITE MAP WAS CREATED FROM
DRAWINGS PROVIDED BY C. RIGHTLEY, C.A.
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LEGEND:

- SAMPLE COLLECTED IN TUNNELS
- SAMPLE COLLECTED AT GRADE ABOVE TUNNELS



SAMPLE LOCATION MAP

FORMER STUDEBAKER FOUNDRY
1100 PRAIRIE AVENUE
SOUTH BEND, IN

Weaver Boos Consultants

4085 MEGHAN BEELER COURT
SOUTH BEND, IN 46628
(574) 271-3447

DRAWN BY: RMD	DATE: 6/2/11	FILE: 0058-373-01
REVIEWED BY: ES	CAD: FIGS.DWG	FIGURE 1

SOURCE NOTE: FIGURE 2 FROM
PHASE II ENVIRONMENTAL REPORT
DATED 2002 BY HULL & ASSOC.