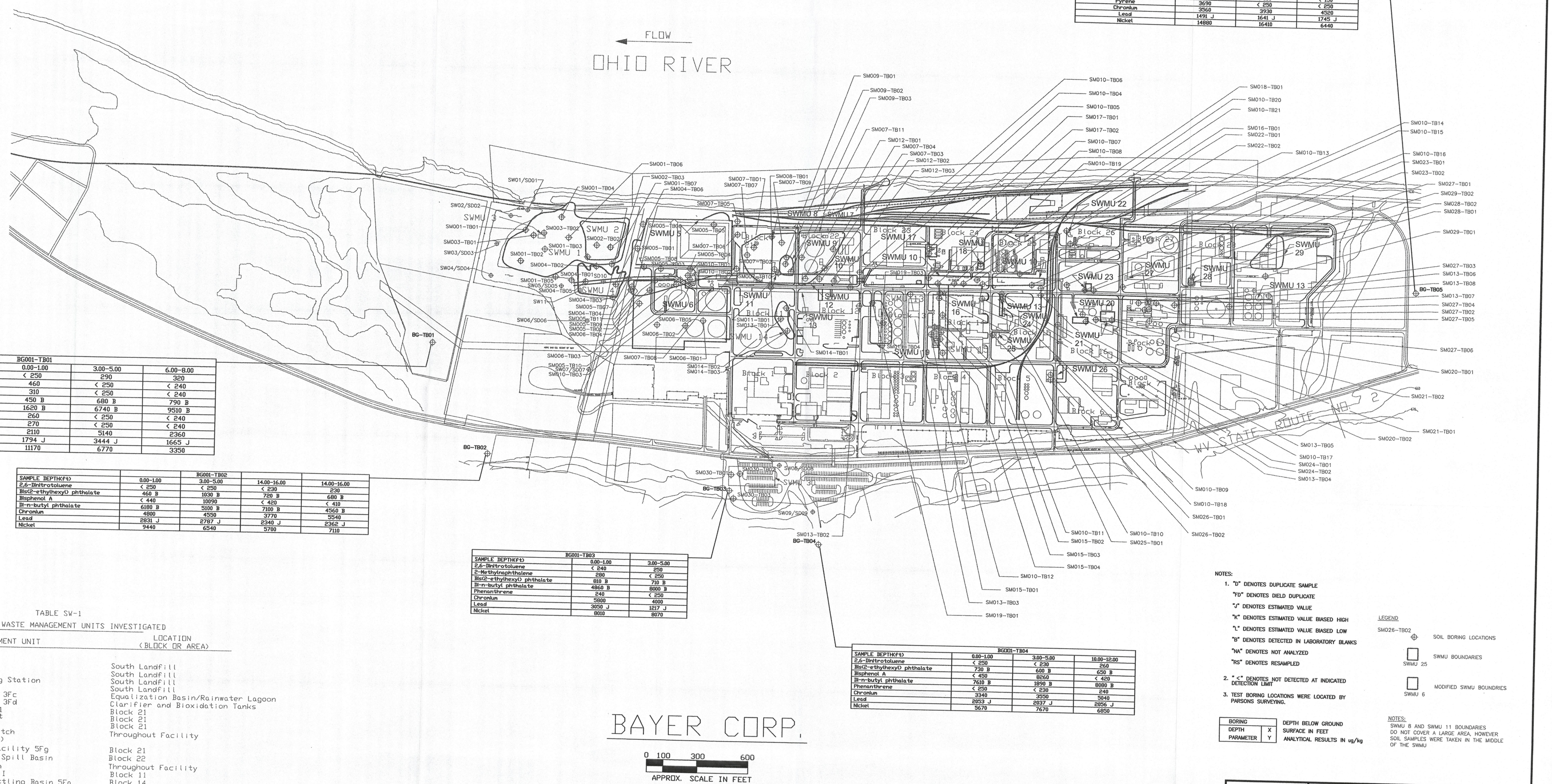
DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE
800588-D4			B. Snyder 12/30/99	Pittsburgh, PA



BG001-TB05			
SAMPLE DEPTH(ft)	0.00-1.00	3.00-5.00	14.00-16.00
1,2,3-Trichlorobenzene	231	< 165	< 161
1,2,4-Trichlorobenzene	150	< 165	< 161
1,2-Dibromo-3-chloropropane	554	< 318	< 309
Freon 113	969	< 318	< 309
Naphthalene	323	< 165	< 161
1,2-Dichlorobenzene	700	< 250	< 250
Anthracene	680	< 250	< 250
Benzo(a)anthracene	1520	< 330	< 320
Benzo(a)pyrene	1440	< 250	< 250
Benzo(b)fluoranthene	1400	< 250	< 250
Benzo(ghi)perylene	1180	< 280	< 270
Benzo(k)fluoranthene	1660	< 250	< 250
Bis(2-ethylhexyl) phthalate	600 B	510 B	490 B
Bisphenol A	3600	< 460	< 450
Chrysene	1790	< 250	< 250
Di-n-butyl phthalate	1820 B	4940 B	1920 B
Fluoranthene	3920	< 250	< 250
Indeno(1,2,3-cd)pyrene	960	< 250	< 250
Phenanthrene	3090	< 250	< 250
Phenol	6920	< 150	< 150
Pyrene	3690	< 250	< 250
Chromium	3560	3930	4520
Lead	1491 J	1641 J	1745 J
Nickel	14880	16410	6440

BG001-TB01			
SAMPLE DEPTH(ft)	0.00-1.00	3.00-5.00	6.00-8.00
2,6-Dinitrotoluene	< 250	290	320
4-Chloro-m-cresol	460	< 250	< 240
Benzo(b)fluoranthene	310	< 250	< 240
Bis(2-ethylhexyl) phthalate	450 B	680 B	790 B
Di-n-butyl phthalate	1620 B	6740 B	9510 B
Fluoranthene	260	< 250	< 240
Phenanthrene	270	< 250	< 240
Chromium	2110	5140	2360
Lead	1794 J	3444 J	1665 J
Nickel	11170	6770	3350

BG001-TB02				
SAMPLE DEPTH(ft)	0.00-1.00	3.00-5.00	14.00-16.00	14.00-16.00
2,6-Dinitrotoluene	< 250	< 250	< 230	230
Bis(2-ethylhexyl) phthalate	460 B	1030 B	720 B	680 B
Bisphenol A	< 440	10090	< 420	< 410
Di-n-butyl phthalate	6180 B	5100 B	7100 B	4560 B
Chromium	4800	4520	3770	3540
Lead	2831 J	2787 J	2340 J	2362 J
Nickel	9440	6540	5700	7110

BG001-TB03		
SAMPLE DEPTH(ft)	0.00-1.00	3.00-5.00
2,6-Dinitrotoluene	< 240	250
2-Methylnaphthalene	280	< 250
Bis(2-ethylhexyl) phthalate	810 B	710 B
Di-n-butyl phthalate	4860 B	8000 B
Phenanthrene	240	< 250
Chromium	5800	4000
Lead	3050 J	1217 J
Nickel	8010	8070

BG001-TB04			
SAMPLE DEPTH(ft)	0.00-1.00	3.00-5.00	10.00-12.00
2,6-Dinitrotoluene	< 250	< 230	260
Bis(2-ethylhexyl) phthalate	730 B	600 B	650 B
Bisphenol A	< 450	8260	< 420
Di-n-butyl phthalate	7610 B	1890 B	8080 B
Phenanthrene	< 250	< 230	240
Chromium	3340	3550	5040
Lead	2853 J	2837 J	2856 J
Nickel	5670	7670	6850

TABLE SW-1

SOLID WASTE MANAGEMENT UNITS INVESTIGATED

SOLID WASTE MANAGEMENT UNIT	LOCATION (BLOCK OR AREA)
1 South Landfill	South Landfill
2 Sludge Lagoon	South Landfill
3 Fill Area Hydroblasting Station	South Landfill
4 Ash Lagoon	South Landfill
5 Residue Fill Area Unit 3Fc	Equalization Basin/Rainwater Lagoon
6 Residue Fill Area Unit 3Fd	Clarifier and Bioxidation Tanks
7 Fill Materials Block 21	Block 21
8 All Purpose Burning Pit	Block 21
9 Residue Fill Area 3Fe	Block 21
10 Infilled Wastewater Ditch (Former Process Trench)	Throughout Facility
11 Acid Neutralization Facility 5Fg	Block 21
12 Former Neutralization Spill Basin	Block 22
13 Existing ProcessTrench	Throughout Facility
14 Fill Materials Block II	Block 11
15 Neutralization and Settling Basin 5Fa	Block 14
16 Neutralization Basin 5Fe	Block 24
17 Poly1 Spill	Block 24
18 Lab Area 24A	Block 24
19 Residue Fill Area Unit 3Fa	Block 13
20 Nitrations Neutraliz./Settling Basin 5Fb	Block 16
21 Nitrations Neutraliz./Settling Basin 5Fc	Block 16
22 Vortex Burner	Block 26
23 TDI Area 26B	Block 26
24 Neutralization Trench/Basin 5Fd	Block 15
25 HCl Area 15C	Block 15
26 Former Waste Disposal Incinerator	Block 5
27 Mononitrobenzene	Blocks 17 & 27
28 Iron Oxide Area 28A	Block 28
29 Fill Area Block 28	Block 28
30 Residue Fill Area Unit 3Fb	Parking Lot East of Rt 2

NOTES:

1. "D" DENOTES DUPLICATE SAMPLE
   "FD" DENOTES DIELD DUPLICATE
   "J" DENOTES ESTIMATED VALUE
   "K" DENOTES ESTIMATED VALUE BIASED HIGH
   "L" DENOTES ESTIMATED VALUE BIASED LOW
   "B" DENOTES DETECTED IN LABORATORY BLANKS
   "NA" DENOTES NOT ANALYZED
   "RS" DENOTES RESAMPLED
2. " < " DENOTES NOT DETECTED AT INDICATED DETECTION LIMIT
3. TEST BORING LOCATIONS WERE LOCATED BY PARSONS SURVEYING.

BORING		
DEPTH	X	DEPTH BELOW GROUND SURFACE IN FEET
PARAMETER	Y	ANALYTICAL RESULTS IN ug/kg

LEGEND

SM026-TB02 — SOIL BORING LOCATIONS

SWMU 25 — SWMU BOUNDARIES

SWMU 6 — MODIFIED SWMU BOUNDRIES

NOTES:
SWMU 8 AND SWMU 11 BOUNDARIES DO NOT COVER A LARGE AREA, HOWEVER SOIL SAMPLES WERE TAKEN IN THE MIDDLE OF THE SWMU

IT CORPORATION

BAYER NEW MARTINSVILLE
NEW MARTINSVILLE, WEST VIRGINIA

FIGURE 4.1-1

BACKGROUND SOIL BORING LOCATIONS WITH ANALYTICAL RESULTS

RCRA FACILITY INVESTIGATION

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Plot Date/Time: 12/05/01 03:39pm
Format Revised: 11/23/99
Xref: .
Image: .