

















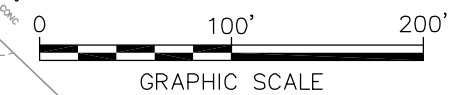


- LEGEND:
-  LIMITS OF SOIL TO BE SCRAPPED FOR USE AS SUBSURFACE (SUMP) BACKFILL
-  PROPOSED LIMITS OF SOIL TO BE SCRAPPED FOR OFFSITE DISPOSAL
-  AOC-39 EXCAVATION (JUNE 2005)
-  AOC-51 UST REMOVAL (JANUARY 2006)
-  NAPL EXCAVATION (FEBRUARY 2006)
-  AOC-45 EXCAVATION (JULY 2006)
-  >50 ppm PCB - IMPACTED SOIL REMOVAL (MAY 2009)
-  >50 ppm PCB IMPACTED SOIL AND VOC/SVOC IMPACTED SOIL REMOVAL (MARCH 2009)
-  VOC/SVOC IMPACTED SOIL REMOVAL (MARCH 2009)
- 4' DEPTH OF REMOVAL
-  SEPTIC TANK
-  LEACHATE PIT
-  MONITORING WELL LOCATION
-  SAMPLING LOCATION WHERE PCB SURFACE SOIL (0-1' bgs) CONCENTRATION IS >10 ppm
-  SAMPLING LOCATION WHERE PCB SUBSURFACE SOIL (≥1' bgs) CONCENTRATION IS >10 ppm
-  SAMPLING LOCATION WHERE PCB SURFACE AND SUBSURFACE SOIL CONCENTRATION IS ≤10 ppm
-  SAMPLING LOCATION WHERE SOIL SAMPLE WAS SUBMITTED FOR ANALYSIS FOR CONSTITUENTS OTHER THAN PCBs
-  SAMPLING LOCATION WHERE SOIL SAMPLE WAS ARCHIVED AND NOT ANALYZED FOR PCBs
-  SAMPLING LOCATION (BY IMPACT ENVIRONMENTAL) WHERE PCB COMPOSITE SAMPLE RESULT WAS >10 ppm

PROPOSED ADDITIONAL
LIMITS OF SOIL TO BE
SCRAPED TO A DEPTH OF 3
FEET FOR OFFSITE DISPOSAL

LIMITS OF SOIL TO BE
SCRAPED FOR USE AS
SUBSURFACE (SUMP)
BACKFILL

- NOTES:
1. BASE MAP ADAPTED FROM A DRAWING ENTITLED "AREA OF CONCERN MAP", FIGURE 1-2, BY ENSR CORPORATION, PISCATAWAY, NJ, AT A SCALE OF 1"=60', DATED 2/14/03.
 2. LOCATIONS OF SEPTIC TANKS AND LEACHATE PITS ARE BASED ON ELECTROMAGNETIC, GROUND-PENETRATING RADAR, AND FIELD SURVEY ACTIVITIES PERFORMED BY BBL, AND THE FOLLOWING FIGURES:
 - A) "REFERENCE DRAWING OF THE HOOKIER/RUCO SITE PLANT UTILITIES: OUTDOOR PIPING" BY LEGGETTE, BRASHEARS & GRAHAM, INC. OF WILTON, CT DATED 3/20/91, AT A SCALE OF 1"=30'.
 - B) "EXTRUDER BUILDING & PARKING AREA PILOT PLAN & DRAINAGE DET." BY CRAWFORD & RUSSELL, INC. OF STAMFORD, CT, LAST REVISION 5/9/61, AT A SCALE OF 1"=30'.
 - C) "SITE PLAN" BY CARL V. LINN, ENGINEER OF NEW YORK, NY, DATED 12/2/53, AT A SCALE OF 1"=50'.
 - D) "N.P.D. BUILDING DRAINAGE WATER" BY HOOKER CHEMICAL CORPORATION OF HICKSVILLE, NY.
 - E) "SITE PLAN" BY RUCO POLYMERS CORPORATION OF HICKSVILLE, NY, DATED 9/21/82.
 3. THIS FIGURE DOES NOT SHOW SOIL SAMPLING LOCATIONS WITHIN EXCAVATION AREAS WHERE SOIL WAS (OR WILL BE) REMOVED FOR OFFSITE DISPOSAL. LOCATIONS WITHIN THE EXCAVATION LIMITS THAT HAVE PCBs >10 ppm AT DEPTHS GREATER THAN EXCAVATION LIMIT DEPTHS ARE SHOWN.
 4. PCB=POLYCHLORINATED BIPHENYL.
 5. VOC = VOLATILE ORGANIC COMPOUND.
 6. SVOC = SEMI-VOLATILE ORGANIC COMPOUND.
 7. NAPL = NONAQUEOUS PHASE LIQUID.
 8. ICM = INTERIM CORRECTIVE MEASURE.
 9. AOC = AREA OF CONCERN.
 10. ppm = PARTS PER MILLION
 11. bgs = BELOW GROUND SURFACE



BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

**REMEDIAL LIMITS &
SOIL SAMPLING LOCATIONS WITH PCBs
AT CONCENTRATIONS >10 ppm**


 **ARCADIS**

FIGURE 1

TABLE 1
SUMMARY OF PLANT 1 "MOUND AREA" SOIL ANALYTICAL RESULTS FOR DETECTED PCBs (ppm)

BAYER MATERIAL SCIENCE LLC
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HICKSVILLE, NEW YORK

Location ID:	Depth (Feet)	Date Collected	Aroclor							Total PCBs
			1016	1221	1232	1242	1248	1254	1260	
P1-S26	0 - 0.2	5/3/2006	<0.90	<1.8	<0.90	<0.90	7.2	8.2	0.27 J	16 J
	2 - 2.5	5/3/2006	<0.098	<0.19	<0.098	<0.098	0.41	0.64	0.074 J	1.1 J
	4 - 4.5	5/3/2006	<0.094	<0.18	<0.094	<0.094	0.38	0.3	0.022 J	0.70 J
P1-S68	0 - 0.2	8/21/2006	<0.88	<1.7	<0.88	<0.88	3.7	8.6	<0.88	12
	2 - 2.5	8/21/2006	<0.018	<0.035	<0.018	<0.018	0.16	0.25	0.050	0.46

Notes:

1. Samples were collected by BBL (now known as ARCADIS) on the dates indicated.
2. PCBs = Polychlorinated Biphenyls.
3. Samples were analyzed by TestAmerica Laboratories, Inc. (formerly Severn Trent Laboratories, Inc) located in Shelton, Connecticut for PCBs using USEPA SW-846 Method 8082.
4. All concentrations reported in dry weight parts per million (ppm), which is equivalent to milligrams per kilogram (mg/kg).
5. Data qualifiers are defined as follows:
 - < - Aroclor not detected at a concentration above the reported detection limit.
 - J - Indicates that the associated numerical value is an estimated concentration.

TABLE 2
SUMMARY OF PLANT 1 "MOUND AREA" SOIL ANALYTICAL RESULTS FOR DETECTED VOCs AND SVOCs (ppm)

BAYER MATERIAL SCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID:	6 NYCRR 375	6 NYCRR 375	6 NYCRR	AOC1-2	AOC35-O		P1-S26	
Sample Depth(Feet):	Commercial	Industrial	Part 371	0 - 1	12 - 14	12 - 14	0 - 0.2	4 - 4.5
Date Collected:	SCOs	SCOs	Criteria	02/12/04	05/04/06	10/23/06	05/03/06	05/03/06
Detected TCL VOCs (mg/kg)								
2-Butanone (MEK)	500	1,000	--	<0.012 J	NA	0.0022 JB [<0.010]	<0.011	<0.011
Acetone	500	1,000	--	<0.013 J	NA	0.0051 JB [0.0076 J]	0.0055 JB	0.015 JB
Tetrachloroethene	150	300	--	0.19	NA	<0.0052 [<0.0051]	0.0013 J	0.022
Methylene chloride	500	1,000	--	<0.0080	NA	0.0055 JB [0.0046 JB]	0.0090 JB	0.038 B
Toluene	500	1,000	--	0.033	NA	0.00090 JB [<0.0051]	<0.0054	<0.0056
Trichloroethene	200	400	--	0.0010 J	NA	<0.0052 [<0.0051]	<0.0054	0.00077 J
Xylenes (total)	500	1,000	--	<0.0060 J	NA	<0.0052 [<0.0051]	<0.0054	<0.0056
Total TCL VOCs	--	--	--	0.22 J	NA	0.014 J [0.012 J]	0.016 J	0.076 J
Detected TCL SVOCs (mg/kg)								
Benzo(a)anthracene	5.6	11	--	<0.38	NA	0.072 J	NA	NA
Benzo(a)pyrene	1	1.1	--	<0.38	NA	0.066 J	NA	NA
Benzo(k)fluoranthene	56	110	--	<0.38	NA	0.060 J	NA	NA
Bis(2-ethylhexyl)phthalate	--	--	--	<0.38 J	NA	<0.33	NA	NA
Chrysene	56	110	--	0.047 J	NA	0.065 J	NA	NA
Di-n-butyl phthalate	--	--	--	<0.38 J	NA	<0.33	NA	NA
Fluoranthene	500	1,000	--	0.033 J	NA	0.11 J	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	11	--	<0.38	NA	0.041 J	NA	NA
Phenanthrene	500	1,000	--	0.078 J	NA	0.063 J	NA	NA
Pyrene	500	1,000	--	0.029 J	NA	0.12 J	NA	NA
Total Carcinogenic PAHs	--	--	--	0.047 J	NA	0.30 J	NA	NA
Total TCL SVOCs	--	--	--	0.19 J	NA	0.60 J	NA	NA
Detected TCLP VOCs (mg/L)								
2-Butanone (MEK)	--	--	200	NA	0.0022 J	NA	NA	NA

TABLE 2
SUMMARY OF PLANT 1 "MOUND AREA" SOIL ANALYTICAL RESULTS FOR DETECTED VOCs AND SVOCs (ppm)

BAYER MATERIAL SCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Notes:

1. Samples were collected by BBL (now known as ARCADIS) on the dates indicated.
2. VOCs = Volatile Organic Compounds.
3. SVOCs = Semi-Volatile Organic Compounds.
4. TCL = Target Compound List.
5. TCLP = Toxicity Characteristic Leaching Procedure.
6. PAHs = Polycyclic Aromatic Hydrocarbons.
7. Field duplicate sample results are presented in brackets.
 - VOCs using United States Environmental Protection Agency (USEPA) SW-846 Method 1311 and 8260B.
 - SVOCs using USEPA SW-846 Method 8270C.
8. Only those constituents detected in one or more samples are summarized.
9. All concentrations reported in parts per million (ppm), which is equivalent to dry weight milligrams per kilogram (mg/kg) for TCL samples or milligrams per liter (mg/L) for TCLP sample.
10. Data qualifiers are defined as follows:
 - < - Constituent not detected at a concentration above the reported detection limit.
 - B - Constituent was found in the sample as well as its associated blank.
 - J - Indicates that the associated numerical value is an estimated concentration.
11. 6 NYCRR Part 375 Commercial and Industrial Use Soil Cleanup Objectives (SCOs) are from Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR) Part 375-6.8(b).
12. 6 NYCRR Part 371 Criteria are the thresholds for a characteristic hazardous waste (or in the case of PCBs - a listed hazardous waste) from Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR) Part 371.3 (e).
13. - - = No 6 NYCRR Part 375 SCO or 6 NYCRR Part 371 Criteria listed.
14. NA = Not Analyzed.

TABLE 3
SUMMARY OF PLANT 1 "MOUND AREA" SOIL ANALYTICAL RESULTS FOR
DETECTED INORGANICS (ppm)

BAYER MATERIAL SCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected:	6 NYCRR 375 Commercial SCOs	6 NYCRR 375 Industrial SCOs	AOC1-2 0 - 1 02/12/04	AOC35-O 12 - 14 05/04/06
Aluminum	--	--	4,260	676
Antimony	--	--	<16.3 J	<11.8 N
Arsenic	16	16	17.6	<4.5 N
Barium	400	10,000	75.8	3.10
Calcium	--	--	1,410	60.5 B*
Chromium	--	--	6.80	1.20 B
Cobalt	--	--	6.00 J	0.630 B
Copper	270	10,000	<14.0 J	1.10 B*N
Cyanide, Total	27	10,000	<0.591 J	<0.515
Iron	--	--	10,600	2,140*
Lead	1,000	3,900	4.70 B	1.60 B*
Magnesium	--	--	775	106*
Manganese	10,000	10,000	89.5	45.0 *
Nickel	310	10,000	10.2	0.980 B
Potassium	--	--	215 B	49.6 B*
Sodium	--	--	68.1 B	94.6 B
Vanadium	--	--	12.3	2.20 B*N
Zinc	10,000	10,000	11.4 B	6.00 B*

TABLE 3
SUMMARY OF PLANT 1 "MOUND AREA" SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

BAYER MATERIAL SCIENCE LLC
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HICKSVILLE, NEW YORK

Notes:

1. Samples were collected by BBL (now known as ARCADIS) on the dates indicated.
2. Inorganics = Target Analyte List (TAL) inorganic constituents.
3. Samples were analyzed by TestAmerica Laboratories, Inc. (formerly Severn Trent Laboratories, Inc) located in Shelton, Connecticut for inorganics using United States Environmental Protection Agency (USEPA) SW-846 Methods 6010, 7471 and 9012A.
4. Only those constituents detected in one or more samples are summarized.
5. All concentrations reported in dry weight parts per million (ppm), which is equivalent to milligrams per kilogram (mg/kg).
6. Data qualifiers are defined as follows:
 - * - Laboratory control sample was outside the criteria for this analyte.
 - < - Constituent not detected at a concentration above the reported detection limit.
 - B - Constituent was found in the sample as well as its associated blank.
 - J - Indicates that the associated numerical value is an estimated concentration.
 - N - The spike recovery exceeded the upper or lower control limits.
7. 6 NYCRR Part 375 Commercial and Industrial Use Soil Cleanup Objectives (SCOs) are from Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR) Part 375-6.8(b).
8. - - = No 6 NYCRR Part 375 SCO listed.
9. NA = Not Analyzed.