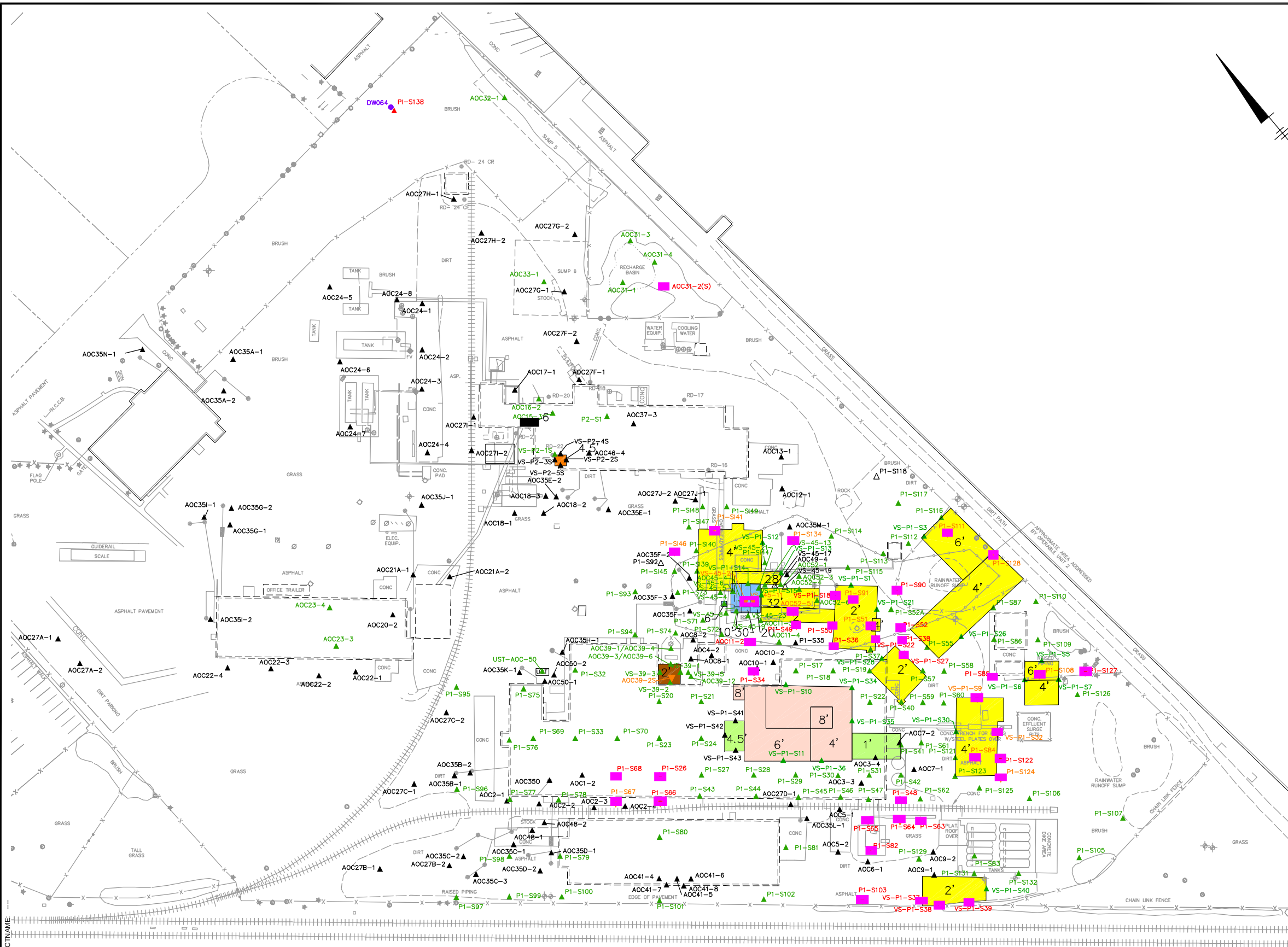






CITY:SYRACUSE DIV:GROUP:ENV141, DB:RCB BRASSETT, W. JONES LD:(Opt) LVR:(OPTION)*OFF="REF" PIC:(Opt) PM:(Reqd) TM:(Opt) LVR:(OPTION)*OFF="REF" PLOT:STABLE: PLT:PLTCTB PLOTTED: 8/19/2009 1:31 PM BY: JONES, WENDY
G:\ENV\CAD\SYRACUSE\ACT\B0032350\001\00007\CM\DWG\G3235B3.5.DWG LAYOUT: 3 SAV:ED 8/19/2009 1:31 PM ACADVER: 17.05 (LMS TECH) PAGESETUP: ---
XREFS: 3235X03 PROJECTNAME: ---



LEGEND:

- AOC-39 EXCAVATION (JUNE 2005)
- AOC-51 UST REMOVAL (JANUARY 2006)
- NAPL EXCAVATION (FEBRUARY 2006)
- AOC-45 EXCAVATION (JULY 2006)
- >25 ppm PCB - IMPACTED SOIL REMOVAL (JUNE 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 >25 ppm

NOTES:

- 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.
- 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:
 - "REFERENCE DRAWING OF THE HOOKER/RUCO SITE PLANT UTILITIES: OUTDOOR PIPING" BY LEGGETTE, BRASHEARS & GRAHAM, INC. OF WILTON, CT DATED 3/20/91, AT A SCALE OF 1"=30'.
 - "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'.
 - "SITE PLAN" BY CARL V. LINN, ENGINEER OF NEW YORK, NY, DATED 12/2/53, AT A SCALE OF 1"=50'.
 - "N.P.D. BUILDING DRAINAGE WATER" BY HOOKER CHEMICAL CORPORATION OF HICKSVILLE, NY.
 - "SITE PLAN" BY RUCO POLYMERS CORPORATION OF HICKSVILLE, NY, DATED 9/21/82.
- 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.
- PCB=POLYCHLORINATED BIPHENYL.
- VOC = VOLATILE ORGANIC COMPOUND.
- SVOC = SEMI-VOLATILE ORGANIC COMPOUND.
- NAPL = NONAQUEOUS PHASE LIQUID.
- ICM = INTERIM CORRECTIVE MEASURE.
- AOC = AREA OF CONCERN.
- ppm = PARTS PER MILLION
- bgs = BELOW GROUND SURFACE

0 100' 200'
GRAPHIC SCALE

BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

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



FIGURE
3

TABLE 1
SUMMARY OF ANALYTICAL RESULTS FOR PCBs >25 PPM IN SOIL REMAINING FOLLOWING COMPLETION OF ICM SOIL REMOVAL ACTIVITIES

HISTORICAL PCB SOIL DATA
BAYER MATERIAL SCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID:	Depth (Feet)	Date Collected	Aroclor							Total PCBs
			1016	1221	1232	1242	1248	1254	1260	
Surface Soil Sample Locations with PCB Concentrations >25 ppm										
AOC11-2	0 - 1	2/12/2004	<9.3	<18	<9.3	<9.3	47	<9.3	<9.3	47
P1-S50	0 - 0.2	8/21/2006	<1.7	<3.3	<1.7	<1.7	21	8.7	1.2 J	31 J
P1-S65	0 - 0.2	8/21/2006	<9.0	<18	<9.0	<9.0	28	<9.0	<9.0	28
P1-S66	0 - 0.2	8/21/2006	<9.0	<18	<9.0	<9.0	21	11	<9.0	32
P1-S138	0 - 0.2	4/24/2007	<1.9 [<3.8]	<3.6 [<7.3]	<1.9 [<3.8]	<1.9 [<3.8]	18 [26]	9.9 [13]	0.70 J [<3.8]	29 J [39]
Subsurface Soil Sample Locations with PCB Concentrations >25 ppm										
AOC-52-5	6 - 6.5	6/4/2008	<3.7	<7.1	<3.7	<3.7	34	<3.7	<3.7	34
P1-S34	4 - 4.5	5/2/2006	<3.7	<7.2	<3.7	<3.7	18	15	<3.7	33
P1-S90	2 - 2.5	10/24/2006	<3.5 [<1.8]	<6.8 [<3.4]	<3.5 [<1.8]	<3.5 [<1.8]	25 [16]	16 [8.7]	1.3 J [<1.8]	42 J [25]
P1-S134	6 - 6.5	4/24/2007	<8.8	<17	<8.8	<8.8	34	<8.8	<8.8	34
VS-45-2	34 - 36	8/4/2005	<3.4 [<3.5]	<6.7 [<6.8]	<3.4 [<3.5]	<3.4 [<3.5]	26 [48]	<3.4 [<3.5]	<3.4 [<3.5]	26 [48]
VS-P1-S9	1.5 - 2	2/12/2009	<3.5	<3.5	<3.5	<3.5	34	<3.5	<3.5	34

Notes:

1. PCBs = Polychlorinated Biphenyls.
2. ICM = Interim Corrective Measure.
3. Analytical results reported in this table are only for sampling locations within and outside ICM excavation limits where remaining soil exhibits PCBs at concentrations greater than 25 parts per million (ppm).
4. Subsurface soil is defined as soil collected at a depth greater than 1 foot below ground surface.
5. Surface soil is defined as soil collected at a depth between 0 and 1 foot below ground surface.
6. Results reported above are based on a query of the database for soil samples collected by ARCADIS as part of the Resource Conservation and Recovery Action (RCRA) Corrective Action Program from February 2004 through February 2009.
7. Samples were analyzed by TestAmerica Laboratories, Inc. (formerly Severn Trent Laboratories, Inc) located in Shelton, Connecticut for PCBs using USEPA SW-846 Method 8082.
8. Field duplicate sample results are presented in brackets.
9. 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 ANALYTICAL RESULTS FOR PCBs >10 PPM IN SOIL REMAINING FOLLOWING COMPLETION OF ICM SOIL REMOVAL ACTIVITIES

**HISTORICAL PCB SOIL DATA
BAYER MATERIAL SCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK**

Location ID:	Depth (Feet)	Date Collected	Aroclor							Total PCBs
			1016	1221	1232	1242	1248	1254	1260	
Surface Soil Sample Locations with PCB Concentrations >10 ppm										
AOC11-2	0 - 1	2/12/2004	<9.3	<18	<9.3	<9.3	47	<9.3	<9.3	47
AOC31-2	0 - 0.2	2/9/2004	<0.41 [<1.9]	<0.79 [<3.8]	<0.41 [<1.9]	<0.41 [<1.9]	2.6 [7.2]	2.6 J [5.8 J]	<0.41 [<1.9]	5.2 J [13 J]
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
P1-S34	0 - 0.2	5/2/2006	<1.8	<3.5	<1.8	<1.8	8.9	4.5	0.72 J	14 J
P1-S36	0 - 0.2	5/2/2006	<1.8	<3.5	<1.8	<1.8	14	8.4	0.83 J	23 J
P1-S38	0 - 0.2	5/2/2006	<1.8	<3.5	<1.8	<1.8	8.7 B	4.5	0.56 J	14 J
P1-S48	0 - 0.2	5/2/2006	<1.8	<3.5	<1.8	<1.8	12	7.4	<1.8	19
P1-S49	0 - 0.2	8/21/2006	<1.7	<3.3	<1.7	<1.7	18	<1.7	0.90 J	19 J
P1-S50	0 - 0.2	8/21/2006	<1.7	<3.3	<1.7	<1.7	21	8.7	1.2 J	31 J
P1-S52	0 - 0.2	8/21/2006	<1.8	<3.5	<1.8	<1.8	12	9.1	1.5 J	23 J
P1-S63	0 - 0.2	8/21/2006	<0.93	<1.8	<0.93	<0.93	12	5.4	0.82 J	18 J
P1-S64	0 - 0.2	8/21/2006	<1.7	<3.4	<1.7	<1.7	16	6.2	0.77 J	23 J
P1-S65	0 - 0.2	8/21/2006	<9.0	<18	<9.0	<9.0	28	<9.0	<9.0	28
P1-S66	0 - 0.2	8/21/2006	<9.0	<18	<9.0	<9.0	21	11	<9.0	32
P1-S68	0 - 0.2	8/21/2006	<0.88	<1.7	<0.88	<0.88	3.7	8.6	<0.88	12
P1-S82	0 - 0.2	10/24/2006	<0.18 [<1.8]	<0.35 [<3.5]	<0.18 [<1.8]	<0.18 [<1.8]	0.66 [7.0]	1.0 [7.6]	0.067 J [<1.8]	1.7 J [15]
P1-S85	0 - 0.2	10/24/2006	<1.8	<3.5	<1.8	<1.8	8.6	9.8	0.62 J	19 J
P1-S90	0 - 0.2	10/24/2006	<3.5	<6.7	<3.5	<3.5	11	7.2	0.96 J	19 J
P1-S103	0 - 0.2	10/24/2006	<1.9	<3.6	<1.9	<1.9	9.7	4.2	<1.9	14
P1-S122	0 - 0.2	4/24/2007	<1.7	<3.4	<1.7	<1.7	9.8 B	2.7	0.81 J	13 J
P1-S127	0 - 0.2	4/24/2007	<1.8	<3.5	<1.8	<1.8	12	4.0	0.68 J	17 J
P1-S138	0 - 0.2	4/24/2007	<1.9 [<3.8]	<3.6 [<7.3]	<1.9 [<3.8]	<1.9 [<3.8]	18 [26]	9.9 [13]	0.70 J [<3.8]	29 J [39]
VS-P1-S22	0.5 - 1	2/17/2009	<0.89 [<1.8]	<0.89 [<1.8]	<0.89 [<1.8]	<0.89 [<1.8]	10 [12]	<0.89 [<1.8]	0.91 [1.2 J]	11 [13 J]
VS-P1-S27	0.5 - 1	2/12/2009	<1.8	<1.8	<1.8	<1.8	17	<1.8	2.0	19
VS-P1-S37	0.5 - 1	2/13/2009	<1.8	<1.8	<1.8	<1.8	23	<1.8	<1.8	23
VS-P1-S38	0.5 - 1	2/13/2009	<0.98	<0.98	<0.98	<0.98	12	<0.98	0.93 J	13 J
VS-P1-S39	0.5 - 1	2/13/2009	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	14 [11]	<1.0 [<1.0]	<1.0 [<1.0]	14 [11]

TABLE 2
SUMMARY OF ANALYTICAL RESULTS FOR PCBs >10 PPM IN SOIL REMAINING FOLLOWING COMPLETION OF ICM SOIL REMOVAL ACTIVITIES

HISTORICAL PCB SOIL DATA
BAYER MATERIAL SCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID:	Depth (Feet)	Date Collected	Aroclor							Total PCBs
			1016	1221	1232	1242	1248	1254	1260	
Subsurface Soil Sample Locations with PCB Concentrations >10 ppm										
AOC39-2S	2 - 3	10/20/2004	<3.7	<7.1	<3.7	<3.7	<3.7	<3.7	18	18
	3 - 4	10/20/2004	<0.97 J [<0.92]	<1.9 J [<1.8]	<0.97 J [<0.92]	<0.97 J [<0.92]	<0.97 J [1.4]	<0.97 J [<0.92]	9.1 J [12]	9.1 J [13]
AOC-52-5	2 - 2.5	6/4/2008	<0.94	<1.8	<0.94	<0.94	9.1	<0.94	0.49 J	9.6 J
	6 - 6.5	6/4/2008	<3.7	<7.1	<3.7	<3.7	34	<3.7	<3.7	34
	8 - 8.5	6/4/2008	<1.8	<3.5	<1.8	<1.8	17	<1.8	1.9	19
P1-S34	4 - 4.5	5/2/2006	<3.7	<7.2	<3.7	<3.7	18	15	<3.7	33
P1-S49	2 - 2.5	8/21/2006	<1.7	<3.3	<1.7	<1.7	13 M	<1.7	<1.7	13
P1-S51	2 - 2.5	8/21/2006	<1.8	<3.5	<1.8	<1.8	11 M	6.8 M	0.98 J	19 J
P1-S63	2 - 2.5	8/21/2006	<0.91	<1.8	<0.91	<0.91	11 M	<0.91	0.50 JM	12 J
	4 - 4.5	8/21/2006	<1.9	<3.7	<1.9	<1.9	11 M	10 M	1.2 JM	22 J
P1-S64	2 - 2.5	8/21/2006	<1.8	<3.4	<1.8	<1.8	9.0 M	4.2 M	0.57 JM	14 J
P1-S65	2 - 2.5	8/21/2006	<1.8	<3.6	<1.8	<1.8	17 M	6.7 M	0.99 JM	25 J
P1-S66	2 - 2.5	8/21/2006	<0.89	<1.7	<0.89	<0.89	6.6 M	4.3 M	0.64 JM	12 J
P1-S67	2 - 2.5	8/21/2006	<0.93	<1.8	<0.93	<0.93	5.4 M	11 M	1.5	18
	4 - 4.5	8/21/2006	<0.18	<0.34	<0.18	<0.18	3.9 JM	11 M	<0.18	15 J
P1-S84	4 - 4.5	10/24/2006	<0.88	<1.7	<0.88	<0.88	7.5 B	3.1 B	<0.88	11
	6 - 6.5	10/24/2006	<1.7	<3.3	<1.7	<1.7	12 M	3.2 M	<1.7 M	15
	8 - 8.5	4/23/2007	<1.8	<3.4	<1.8	<1.8	12 M	<1.8	0.55 JM	13 J
P1-S90	2 - 2.5	10/24/2006	<3.5 [<1.8]	<6.8 [<3.4]	<3.5 [<1.8]	<3.5 [<1.8]	25 M [16]	16 M [8.7 M]	1.3 JM [<1.8]	42 J [25]
	4 - 4.5	10/24/2006	<0.97	<1.9	<0.97	<0.97	7.3 B	3.3	<0.97	11
P1-S91	2 - 2.5	10/24/2006	<1.8 [<1.8]	<3.5 [<3.4]	<1.8 [<1.8]	<1.8 [<1.8]	10 M [11]	15 M [5.5]	<1.8 [<1.8]	25 [17]
P1-S103	2 - 2.5	10/24/2006	<0.96	<1.9	<0.96	<0.96	8.2	3.4	<0.96	12
	4 - 4.5	10/24/2006	<0.71	<1.4	<0.71	<0.71	7.7 M	2.8 M	<0.71	11
P1-S108	6 - 6.5	10/24/2006	<1.7	<3.4	<1.7	<1.7	8.8 M	3.1 M	<1.7	12
	8 - 8.5	4/23/2007	<0.86	<1.7	<0.86	<0.86	9.9 M	4.5 M	0.55 JM	15 J
P1-S111	6 - 6.5	10/24/2006	<1.7	<3.3	<1.7	<1.7	12 M	4.2 M	0.62 JM	17 J
	8 - 8.5	4/23/2007	<0.87	<1.7	<0.87	<0.87	7.5 M	3.0 M	0.86 JM	11 J
	10 - 10.5	4/23/2007	<1.8	<3.5	<1.8	<1.8	13 M	6.5 M	<1.8	20
P1-S122	2 - 2.5	4/24/2007	<0.88	<1.7	<0.88	<0.88	7.8 M	2.6 M	0.62 JM	11 J
P1-S124	2 - 2.5	4/24/2007	<0.87	<1.7	<0.87	<0.87	7.8 M	2.0 M	0.87 JM	11 J
	6 - 6.5	4/24/2007	<3.6	<6.9	<3.6	<3.6	18 M	4.2 M	0.99 JM	23 J
P1-S127	4 - 4.5	4/24/2007	<0.95	<1.8	<0.95	<0.95	8.8 M	3.2 M	0.29 JM	12 J
P1-S128	4 - 4.5	4/24/2007	<0.95	<1.8	<0.95	<0.95	7.7 M	2.2 M	0.88 JM	11 J

TABLE 2
SUMMARY OF ANALYTICAL RESULTS FOR PCBs >10 PPM IN SOIL REMAINING FOLLOWING COMPLETION OF ICM SOIL REMOVAL ACTIVITIES

HISTORICAL PCB SOIL DATA
BAYER MATERIAL SCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID:	Depth (Feet)	Date Collected	Aroclor							Total PCBs
			1016	1221	1232	1242	1248	1254	1260	
P1-S134	2 - 2.5	4/24/2007	<0.90	<1.7	<0.90	<0.90	7.0	3.3	0.80 J	11 J
	6 - 6.5	4/24/2007	<8.8	<17	<8.8	<8.8	34	<8.8	<8.8	34
P1-S141	2 - 2.5	6/9/2008	<2.0	<3.9	<2.0	<2.0	18	<2.0	2.4	20
P1-S146	2 - 2.5	6/10/2008	<0.91	<1.8	<0.91	<0.91	8.6	2.8	0.49 J	12 J
VS-45-2	34 - 36	8/4/2005	<3.4 [<3.5]	<6.7 [<6.8]	<3.4 [<3.5]	<3.4 [<3.5]	26 [48]	<3.4 [<3.5]	<3.4 [<3.5]	26 [48]
VS-45-11	22 - 24	6/29/2005	<3.5	<6.8	<3.5	<3.5	23	<3.5	<3.5	23
VS-P1-S9	1.5 - 2	2/12/2009	<3.5	<3.5	<3.5	<3.5	34	<3.5	<3.5	34
VS-P1-S32	3.5 - 4	2/12/2009	<0.88	<0.88	<0.88	<0.88	12	<0.88	1.6	14

Notes:

1. PCBs = Polychlorinated Biphenyls.
2. ICM = Interim Corrective Measure.
3. Analytical results reported in this table are only for sampling locations within and outside ICM excavation limits where remaining soil exhibits PCBs at concentrations greater than 10 parts per million (ppm).
4. Subsurface soil is defined as soil collected at a depth greater than 1 foot below ground surface.
5. Surface soil is defined as soil collected at a depth between 0 and 1 foot below ground surface.
6. Results reported above are based on a query of the database for soil samples collected by ARCADIS as part of the Resource Conservation and Recovery Action (RCRA) Corrective Action Program from February 2004 through February 2009.
7. Samples were analyzed by TestAmerica Laboratories, Inc. (formerly Severn Trent Laboratories, Inc) located in Shelton, Connecticut for PCBs using USEPA SW-846 Method 8082.
8. Field duplicate sample results are presented in brackets.
9. 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.