MONITORING WELL LOCATION

LEGEND:
- 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 (MARCH 2009)
- >50 ppm PCB IMPACTED SOIL AND VOC/SVOC IMPACTED SOIL REMOVAL (MARCH 2009)
- VOC/SVOC IMPACTED SOIL REMOVAL (MARCH 2009)
- SOIL SCRAPE (JULY 2009)

NOTES:
1. PCB = POLYCHLORINATED BIPHENYL.
2. VOC/SVOC = VOLATILE/SEMI-VOLATILE ORGANIC COMPOUND.
3. AOC = AREA OF CONCERN.

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LIMITS OF PREVIOUS REMEDIAL ACTIVITIES

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NOTES:
1. NO CAP IS PROPOSED FOR AREAS WHERE SOIL WAS PREVIOUSLY REMOVED DURING REMEDIAL ACTIVITIES AT THE SITE.
2. APPROXIMATELY 3 FEET OF THE MOUND AREA WILL BE REMOVED FOR OFFSITE DISPOSAL DURING THE CORRECTIVE MEASURES IMPLEMENTATION ACTIVITIES LEAVING THE AREA AT GRADE WHEN COMPLETED.
NOTES:

1. No cap is proposed for areas where soil was previously removed during remedial activities at the site.

2. Areas of previous excavation that require additional excavation will require clean fill removal to depths indicated in the corrective measures study report prior to additional removal, handling, and reuse of the clean fill is also described in the corrective measures study report.

3. Approximately 3 feet of the mound area will be removed for offsite disposal during the corrective measure implementation activities, leaving the area at grade when completed.

LEGEND:

- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 2 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 4 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 6 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 8 FEET
- AREA OF PREVIOUS EXCAVATION
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 2 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 4 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 6 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 8 FEET
- SOIL TO BE CAPPED
- BPIX SOIL SAMPLING LOCATION
- POST-RFI SOIL SAMPLING LOCATION
- AREA OF CONCERN
- DEPTH OF REMOVAL
- COMPOSITE SOIL SAMPLING LOCATION
- RESULTS EXCEED INDUSTRIAL USE SCO.

VOC/SVOC:

- VOLATILE/VOLATILE ORGANIC COMPOUND
- PCB:
- POLYCHLORINATED BIPHENYL
- SCO: SOIL CLEANUP OBJECTIVE
- PPM: PARTS PER MILLION
- LIMITS OF SOIL REMOVED IN 2009
- LIMITS OF SOIL SCRAPE AREA
- MOUND AREA (EXISTING)

COLOR-CODING FOR SAMPLING LOCATIONS FOLLOWING 2009 SOIL REMOVAL ACTIVITIES:

- SAMPLING LOCATION IMEDE PCB SOIL CONCENTRATION IS GREATER THAN 6
- PVC/SCC >> PCB INDUSTRIAL USE
- SAMPLING LOCATION IMEDE SVOC SOIL CONCENTRATION IS GREATER THAN 6
- PVC/SCC >> PCB INDUSTRIAL USE
- SAMPLING LOCATION IMEDE METALS SOIL CONCENTRATION IS GREATER THAN 6
- PVC/SCC >> PCB INDUSTRIAL USE

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CMS ALTERNATIVE 4 - EXCAVATION OF PCB IMPACTED SOILS >25 PPM AND CAPPING FOR INDUSTRIAL USE
COLOR-CODING FOR SAMPLING LOCATIONS FOLLOWING 2009 SOIL REMOVAL ACTIVITIES ARE AS FOLLOWS:

- SAMPLING LOCATION WHERE PCB SOIL CONCENTRATION IS GREATER THAN 6 NYCRR PART 375 COMMERCIAL SCO
- SAMPLING LOCATION WHERE PCB SOIL CONCENTRATION IS GREATER THAN 6 NYCRR PART 375 INDUSTRIAL SCO
- SAMPLING LOCATION WHERE SVOC SOIL CONCENTRATION IS GREATER THAN 6 NYCRR PART 375 COMMERCIAL SCO
- SAMPLING LOCATION WHERE HEAVY METALS SOIL CONCENTRATION IS GREATER THAN 6 NYCRR PART 375 INDUSTRIAL SCO

NOTES:

1. NO CAP IS PROPOSED FOR AREAS WHERE SOIL WAS PREVIOUSLY REMOVED DURING REMEDIAL ACTIVITIES AT THE SITE.
2. AREAS OF PREVIOUS EXCAVATION THAT REQUIRE ADDITIONAL EXCAVATION WILL REQUIRE CLEAN FILL REMOVAL TO DEPTHS INDICATED IN THE CORRECTIVE MEASURE STUDY (CMS) REPORT PRIOR TO ADDITIONAL REMOVAL. HANDLING AND REUSE OF THE CLEAN FILL IS ALSO DESCRIBED IN THE CMS REPORT.
3. APPROXIMATELY 3 FEET OF THE MOUND AREA WILL BE REMOVED FOR OFFSITE DISPOSAL DURING THE CORRECTIVE MEASURE IMPLEMENTATION ACTIVITIES, LEAVING THE AREA AT GRADE WHEN COMPLETED.

LEGEND:
- AREA OF PREVIOUS EXCAVATION
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 2 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 4 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 6 FEET
- SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 8 FEET
- AREA OF PREVIOUS EXCAVATION AND ANTICIPATED ADDITIONAL REMOVAL TO DEPTHS INDICATED IN THE CORRECTIVE MEASURE STUDY (CMS) REPORT PRIOR TO ADDITIONAL REMOVAL
- GREEN SYMBOL INDICATES CLEAN FILL REMOVAL TO DEPTHS INDICATED IN THE CORRECTIVE MEASURE STUDY (CMS) REPORT PRIOR TO ADDITIONAL REMOVAL
- ANTICIPATED AREA OF CAP LAYER
- ANTICIPATED LIMITS OF CAP LAYER

CMS ALTERNATIVE 5 - EXCAVATION OF PCB IMPACTED SOILS >25 PPM AND CAPPING FOR COMMERCIAL USE
FIGURE ARCADIS

AREA OF PREVIOUS EXCAVATION:

LEGEND:

SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 1 FOOT

SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 2 FEET

SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 4 FEET

SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 6 FEET

SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 8 FEET

SOIL EXCAVATION ANTICIPATED TO AVERAGE DEPTH OF 10 FEET

NOTES:
1. NO CAP IS PROPOSED FOR AREAS WHERE SOIL WAS PREVIOUSLY REMOVED DURING REMEDIAL ACTIVITIES AT THE SITE.

2. AREAS OF PREVIOUS EXCAVATION THAT REQUIRE ADDITIONAL EXCAVATION WILL REQUIRE CLEAN FILL REMOVAL TO DEPTHS INDICATED IN THE CORRECTIVE MEASURES STUDY (CMS) REPORT PRIOR TO ADDITIONAL REMOVAL, HANDLING AND REUSE OF THE CLEAN FILL IS ALSO DESCRIBED IN THE CMS REPORT.

3. APPROXIMATELY 4 FEET OF THE MOUND AREA WILL BE REMOVED FOR SITE DISPOSAL DURING THE CORRECTIVE MEASURE IMPLEMENTATION ACTIVITIES LEAVING THE AREA AT GRADE WHEN COMPLETED.

COLOR-CODING FOR SAMPLING LOCATIONS FOLLOWING 2009 SOIL REMOVAL ACTIVITIES ARE AS FOLLOWS:

- SAMPLING LOCATION WHERE PCB SOIL CONCENTRATION IS GREATER THAN 6 NYCRR PART 375 COMMERCIAL SCO
- SAMPLING LOCATION WHERE PCB SURFACE SOIL (0-1' HPS) CONCENTRATION IS 310 ppm
- SAMPLING LOCATION WHERE SVOC SOIL CONCENTRATION IS GREATER THAN 6 NYCRR PART 375 COMMERCIAL SCO
- SAMPLING LOCATION WHERE METALS SOIL CONCENTRATION IS GREATER THAN 6 NYCRR PART 375 COMMERCIAL SCO

VOC/SVOC VOLATILE/SHELVES-VOLATILE ORGANIC COMPOUNDS
PCB POLYCHLORINATED BIPHENYLS
SCOs SOIL CLEANUP OBJECTIVES
PPM PARTS PER MILLION

LIMITS OF SOIL SCRAPE AREA
MOUND AREA (EXISTING)

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FIGURE 11

CMS ALTERNATIVE 6 - EXCAVATION OF PCB-IMPACTED SOIL >16 PPM, CAPPING OF PCB >1 PPM, EXCAVATION OF METALS AND CAPPING OF SVOCs FOR COMMERCIAL USE

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1. Areas of previous excavation that require additional excavation will require clean fill removal to depths indicated in the corrective measure study. This report prior to additional removal, sampling, and testing of the clean fill is also described in the CMS report.

2. Previous excavation and sumps backfilled with soils from the "scrape area" and former stormdrains 1, 3, and 8 will need to be re-excavated because of existing soils with PCB concentrations between 1 ppm and 10 ppm within soil used as backfill. These locations are shown as soil excavation limits and not as previous excavations.

3. New excavations within the "scrape area" are measured from grade onsite after the "scrape area" soils were removed in August 2009.

4. Approximately 3 feet of the mound area will be removed for offsite disposal during the corrective measure implementation activities leaving the area at grade when complete.

5. Color of hatching represents the final anticipated depths of additional excavation.

COLOR-CODING FOR SAMPLING LOCATIONS FOLLOWING 2009 SOIL REMOVAL ACTIVITIES ARE AS FOLLOWS:

- Sampling location where PCB soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where SVOC soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where metals soil concentration is greater than 6 NYCRR Part 375 Commercial SCs

LEGEND:
- Area of previous excavation
- Soil excavation anticipated to average depth of 1 foot
- Soil excavation anticipated to average depth of 2 feet
- Soil excavation anticipated to average depth of 4 feet
- Soil excavation anticipated to average depth of 6 feet
- Soil excavation anticipated to average depth of 8 feet
- Soil excavation anticipated to average depth of 10 feet
- Soil excavation anticipated to average depth of 12 feet

1. Areas of previous excavation that require additional excavation will require clean fill removal to depths indicated in the corrective measure study. This report prior to additional removal, sampling, and testing of the clean fill is also described in the CMS report.

2. Previous excavation and sumps backfilled with soils from the "scrape area" and former stormdrains 1, 3, and 8 will need to be re-excavated because of existing soils with PCB concentrations between 1 ppm and 10 ppm within soil used as backfill. These locations are shown as soil excavation limits and not as previous excavations.

3. New excavations within the "scrape area" are measured from grade onsite after the "scrape area" soils were removed in August 2009.

4. Approximately 3 feet of the mound area will be removed for offsite disposal during the corrective measure implementation activities leaving the area at grade when complete.

5. Color of hatching represents the final anticipated depths of additional excavation.

COLOR-CODING FOR SAMPLING LOCATIONS FOLLOWING 2009 SOIL REMOVAL ACTIVITIES ARE AS FOLLOWS:

- Sampling location where PCB soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where SVOC soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where metals soil concentration is greater than 6 NYCRR Part 375 Commercial SCs

LEGEND:
- Area of previous excavation
- Soil excavation anticipated to average depth of 1 foot
- Soil excavation anticipated to average depth of 2 feet
- Soil excavation anticipated to average depth of 4 feet
- Soil excavation anticipated to average depth of 6 feet
- Soil excavation anticipated to average depth of 8 feet
- Soil excavation anticipated to average depth of 10 feet
- Soil excavation anticipated to average depth of 12 feet

1. Areas of previous excavation that require additional excavation will require clean fill removal to depths indicated in the corrective measure study. This report prior to additional removal, sampling, and testing of the clean fill is also described in the CMS report.

2. Previous excavation and sumps backfilled with soils from the "scrape area" and former stormdrains 1, 3, and 8 will need to be re-excavated because of existing soils with PCB concentrations between 1 ppm and 10 ppm within soil used as backfill. These locations are shown as soil excavation limits and not as previous excavations.

3. New excavations within the "scrape area" are measured from grade onsite after the "scrape area" soils were removed in August 2009.

4. Approximately 3 feet of the mound area will be removed for offsite disposal during the corrective measure implementation activities leaving the area at grade when complete.

5. Color of hatching represents the final anticipated depths of additional excavation.

COLOR-CODING FOR SAMPLING LOCATIONS FOLLOWING 2009 SOIL REMOVAL ACTIVITIES ARE AS FOLLOWS:

- Sampling location where PCB soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where SVOC soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where metals soil concentration is greater than 6 NYCRR Part 375 Commercial SCs

LEGEND:
- Area of previous excavation
- Soil excavation anticipated to average depth of 1 foot
- Soil excavation anticipated to average depth of 2 feet
- Soil excavation anticipated to average depth of 4 feet
- Soil excavation anticipated to average depth of 6 feet
- Soil excavation anticipated to average depth of 8 feet
- Soil excavation anticipated to average depth of 10 feet
- Soil excavation anticipated to average depth of 12 feet

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- Sampling location where PCB soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where SVOC soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where metals soil concentration is greater than 6 NYCRR Part 375 Commercial SCs

LEGEND:
- Area of previous excavation
- Soil excavation anticipated to average depth of 1 foot
- Soil excavation anticipated to average depth of 2 feet
- Soil excavation anticipated to average depth of 4 feet
- Soil excavation anticipated to average depth of 6 feet
- Soil excavation anticipated to average depth of 8 feet
- Soil excavation anticipated to average depth of 10 feet
- Soil excavation anticipated to average depth of 12 feet

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COLOR-CODING FOR SAMPLING LOCATIONS FOLLOWING 2009 SOIL REMOVAL ACTIVITIES ARE AS FOLLOWS:

- Sampling location where PCB soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where SVOC soil concentration is greater than 6 NYCRR Part 375 Commercial SCs
- Sampling location where metals soil concentration is greater than 6 NYCRR Part 375 Commercial SCs

LEGEND:
- Area of previous excavation
- Soil excavation anticipated to average depth of 1 foot
- Soil excavation anticipated to average depth of 2 feet
- Soil excavation anticipated to average depth of 4 feet
- Soil excavation anticipated to average depth of 6 feet
- Soil excavation anticipated to average depth of 8 feet
- Soil excavation anticipated to average depth of 10 feet
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5. Color of hatching represents the final anticipated depths of additional excavation.