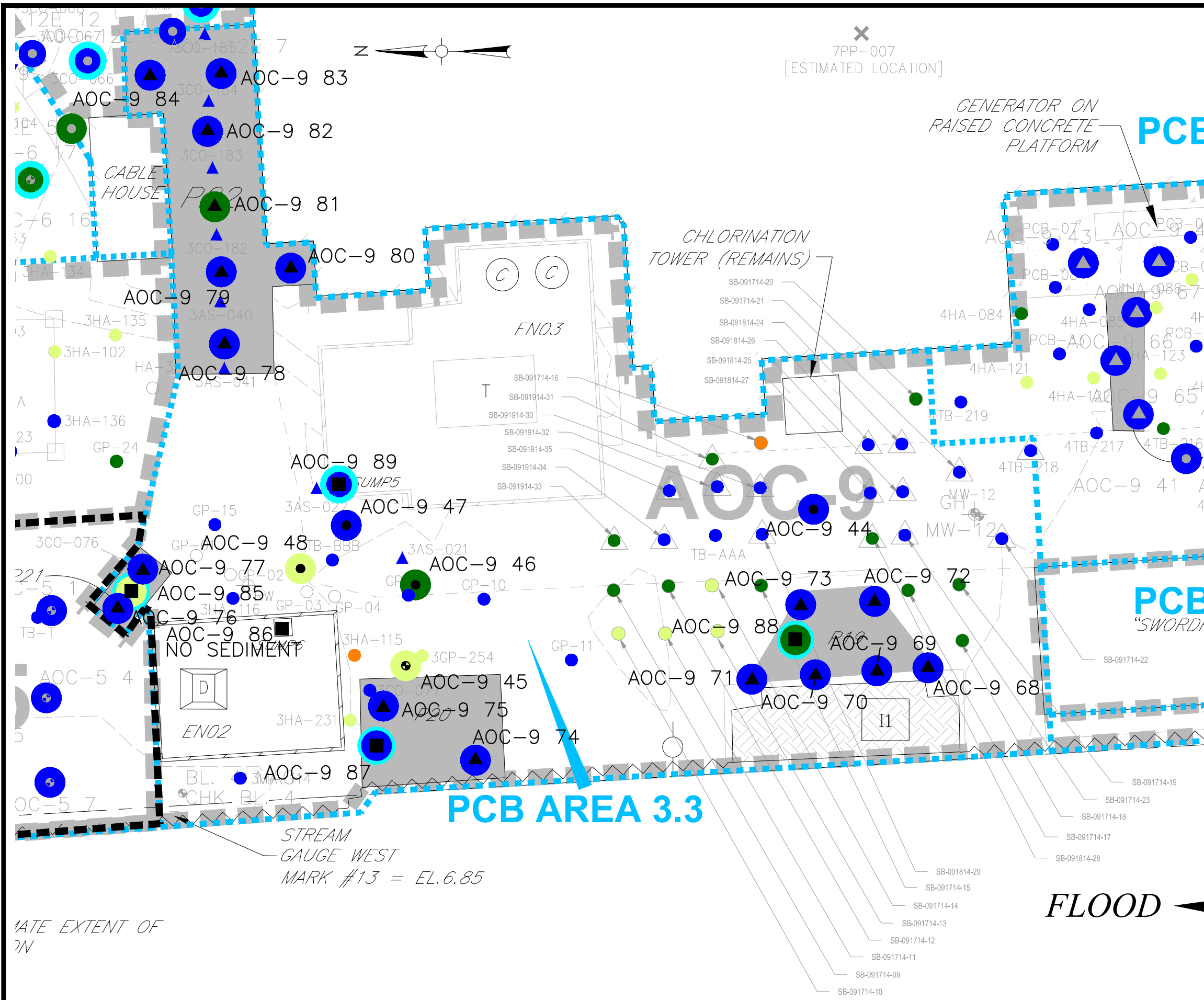




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- LEGEND:
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
  - SEDIMENT SAMPLE LOCATION
  - POROUS MEDIA SAMPLE LOCATION
  - W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
  - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

NOTES:

- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

15 7.5 0 15 30  
SCALE: 1"=15'

FIGURE 8A-1

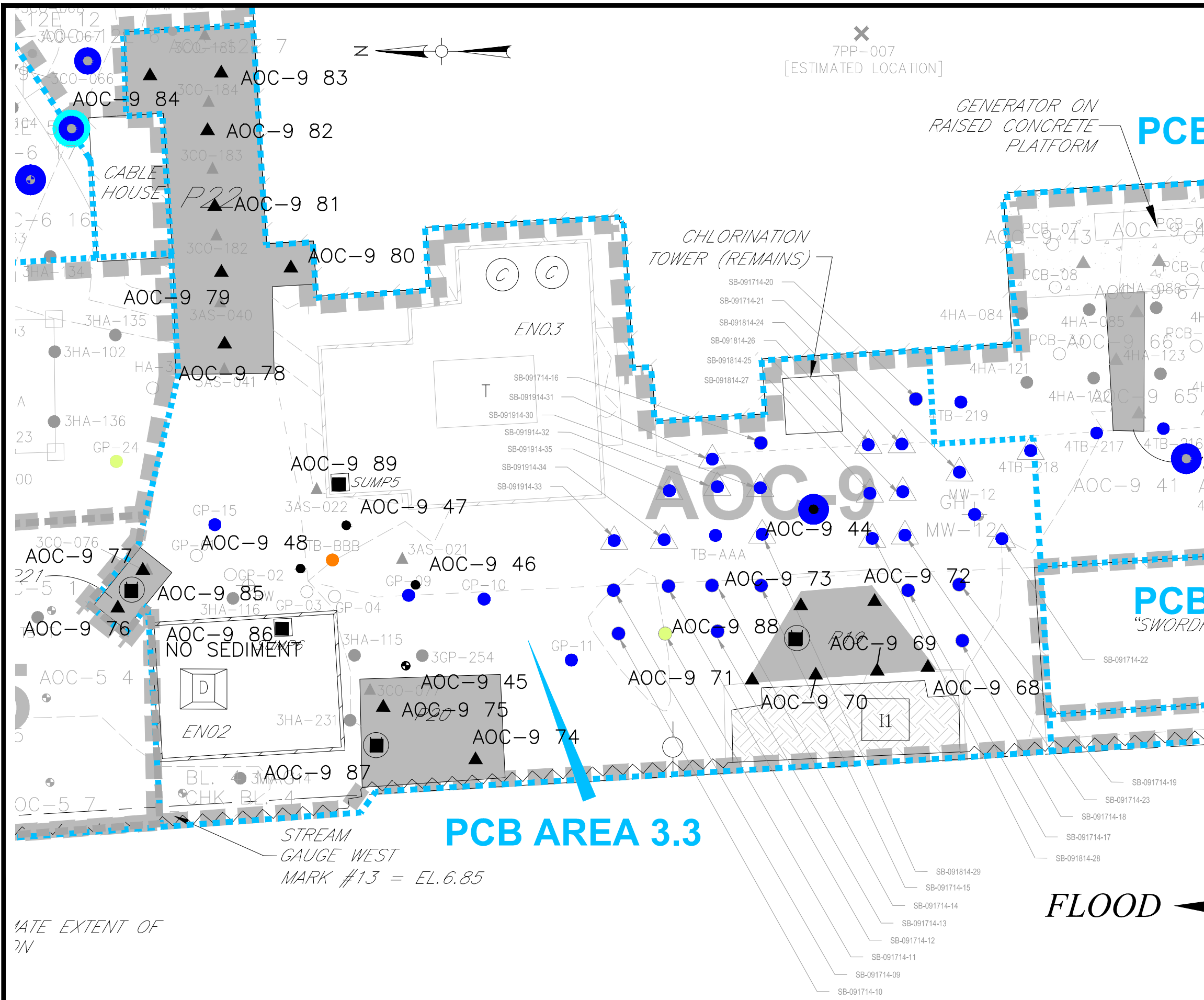
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-9 (PCB AREA 3.3)  
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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Weston & Sampson<sup>SM</sup>

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- LEGEND:
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
  - SEDIMENT SAMPLE LOCATION
  - ▲ POROUS MEDIA SAMPLE LOCATION
  - W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
  - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

NOTES:

- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

15 7.5 0 15 30  
SCALE: 1"=15'

FIGURE 8A-2

UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

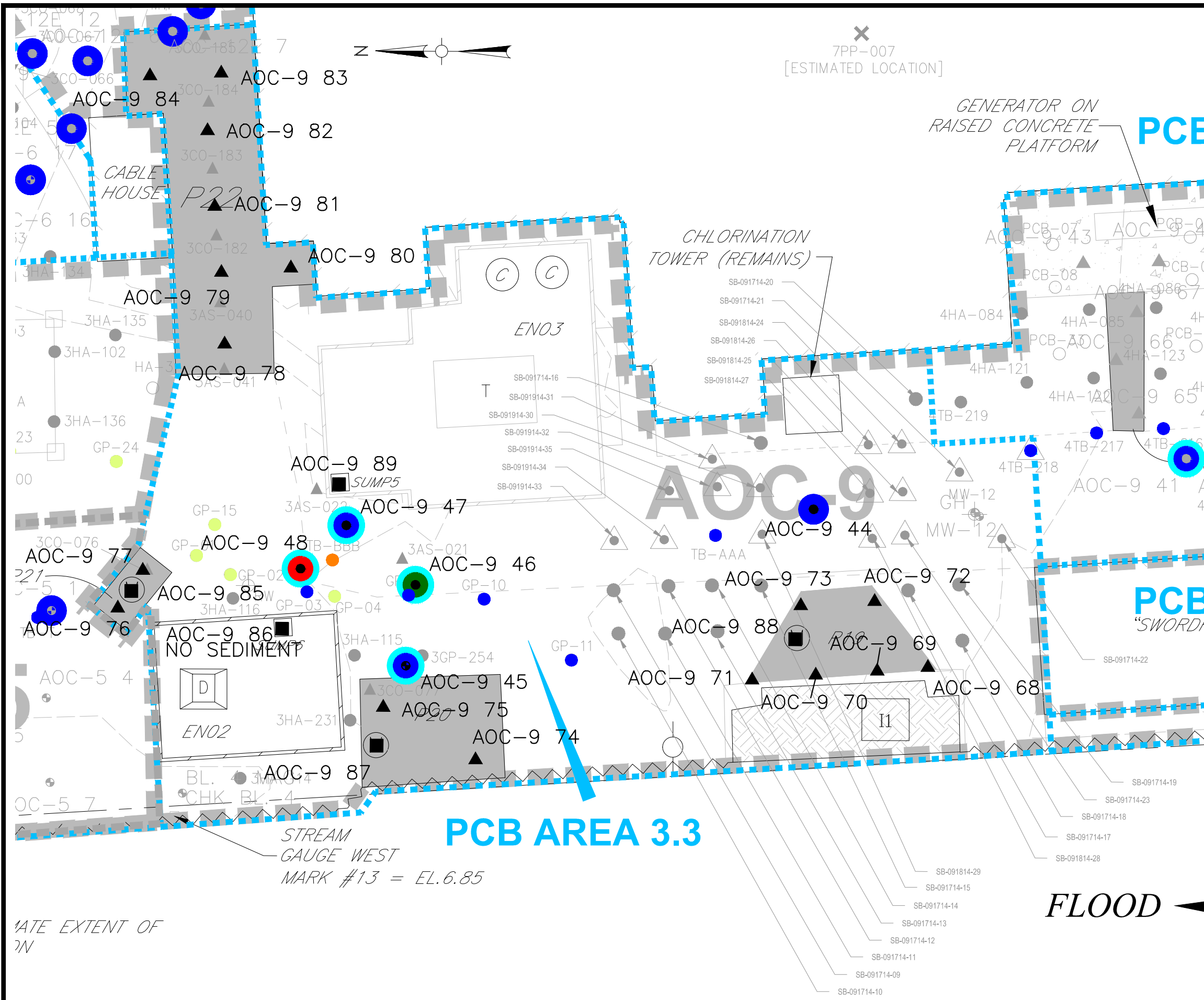
AOC-9 (PCB AREA 3.3)  
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

DESIGNED BY: PML | CHECKED BY: MB | DATE: OCTOBER 2017

Weston & Sampson<sup>SM</sup>



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- LEGEND:
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
  - SEDIMENT SAMPLE LOCATION
  - POROUS MEDIA SAMPLE LOCATION
  - W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
  - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

NOTES:

1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.

3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

SCALE: 1"=15'

FIGURE 8A-3

UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

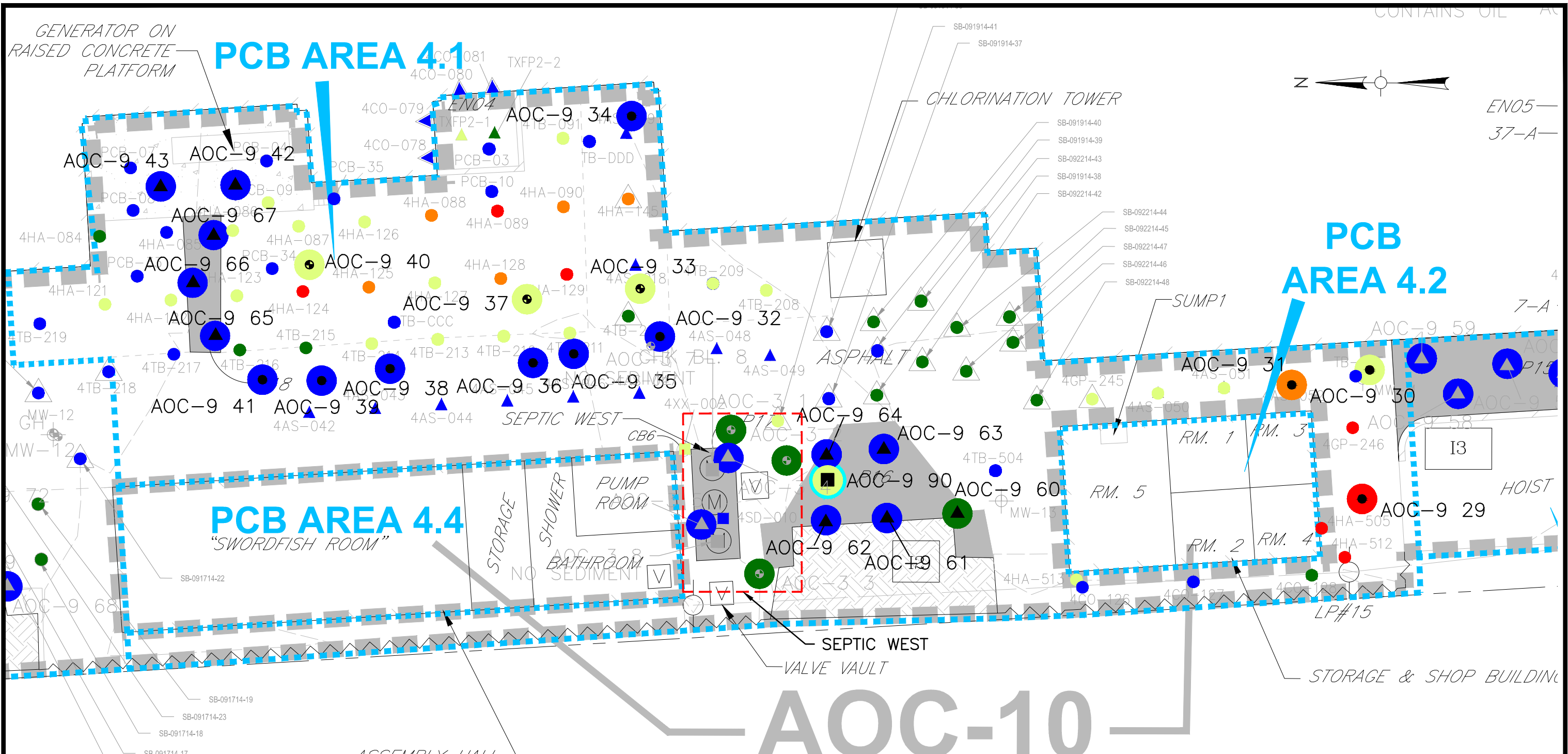
AOC-9 (PCB AREA 3.3)  
2017 SAMPLE LOCATIONS > 4 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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Weston & Sampson



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LEGEND:

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- ▲ POROUS MEDIA SAMPLE LOCATION

- W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
  - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION
- NOTES:
- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
  - SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
  - HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

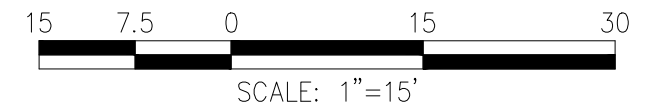
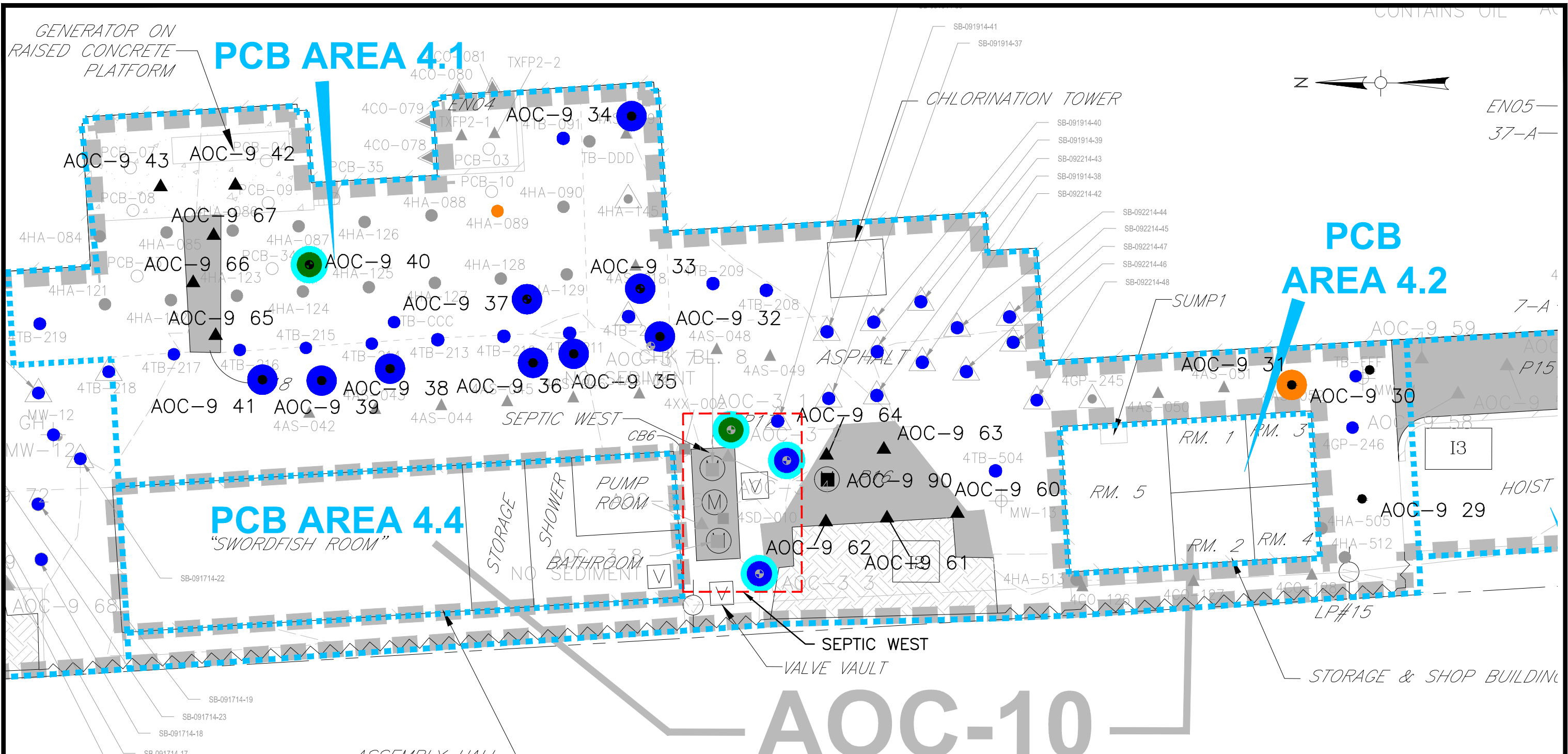


FIGURE 8B-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-9 (PCB AREA 4.1) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
Weston & Sampson <sup>SM</sup>		

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LEGEND:

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- ▲ POROUS MEDIA SAMPLE LOCATION

- W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
  - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION
- NOTES:
- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
  - SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
  - HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

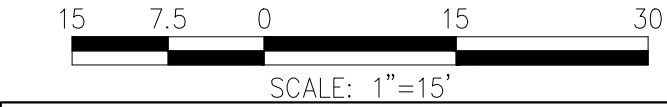


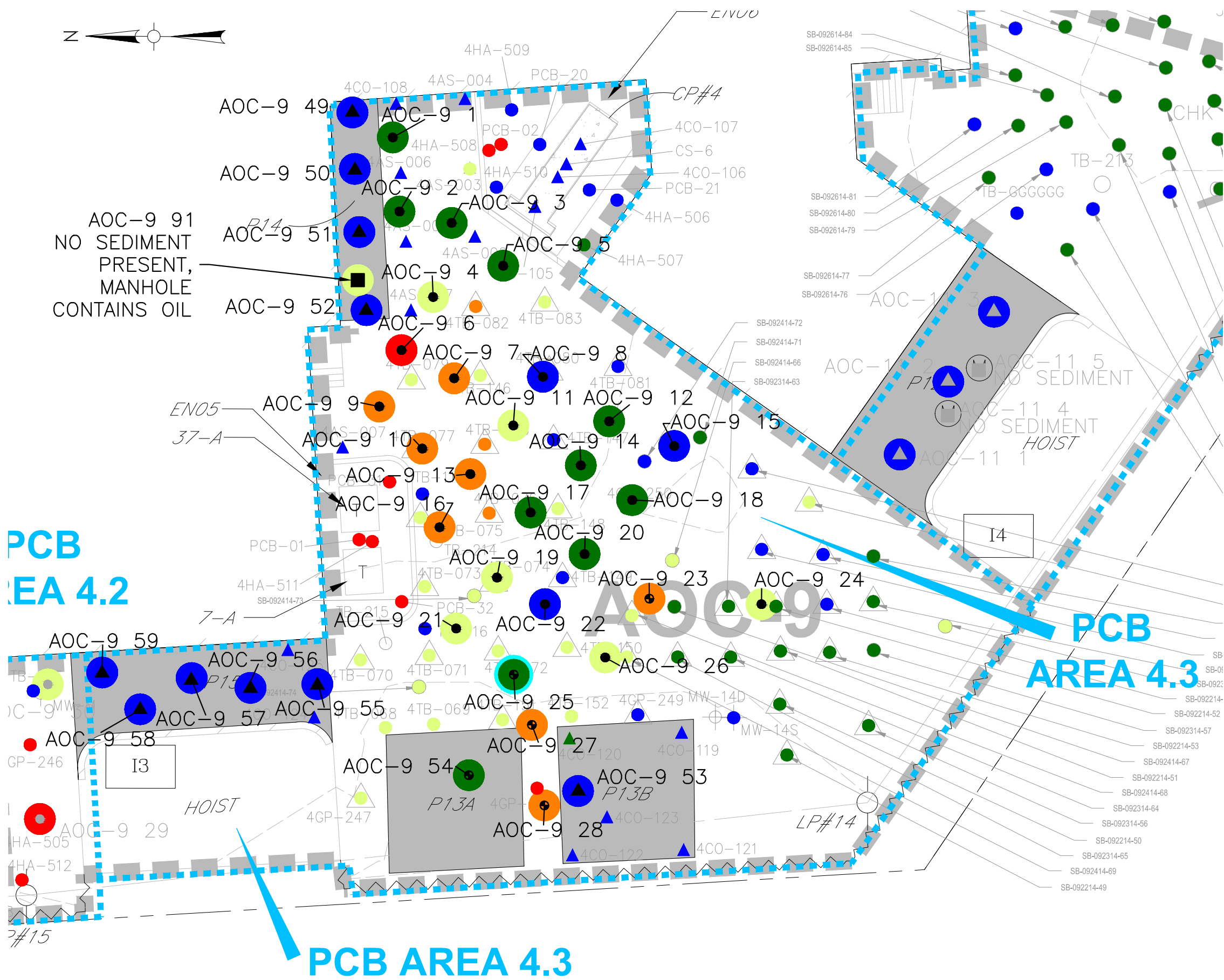
FIGURE 8B-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-9 (PCB AREA 4.1) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
Weston & Sampson <sup>SM</sup>		







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**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
- APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

**NOTES:**

- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

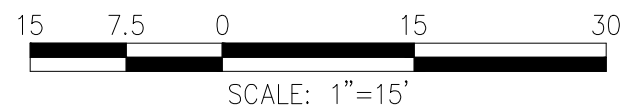


FIGURE 8C-1

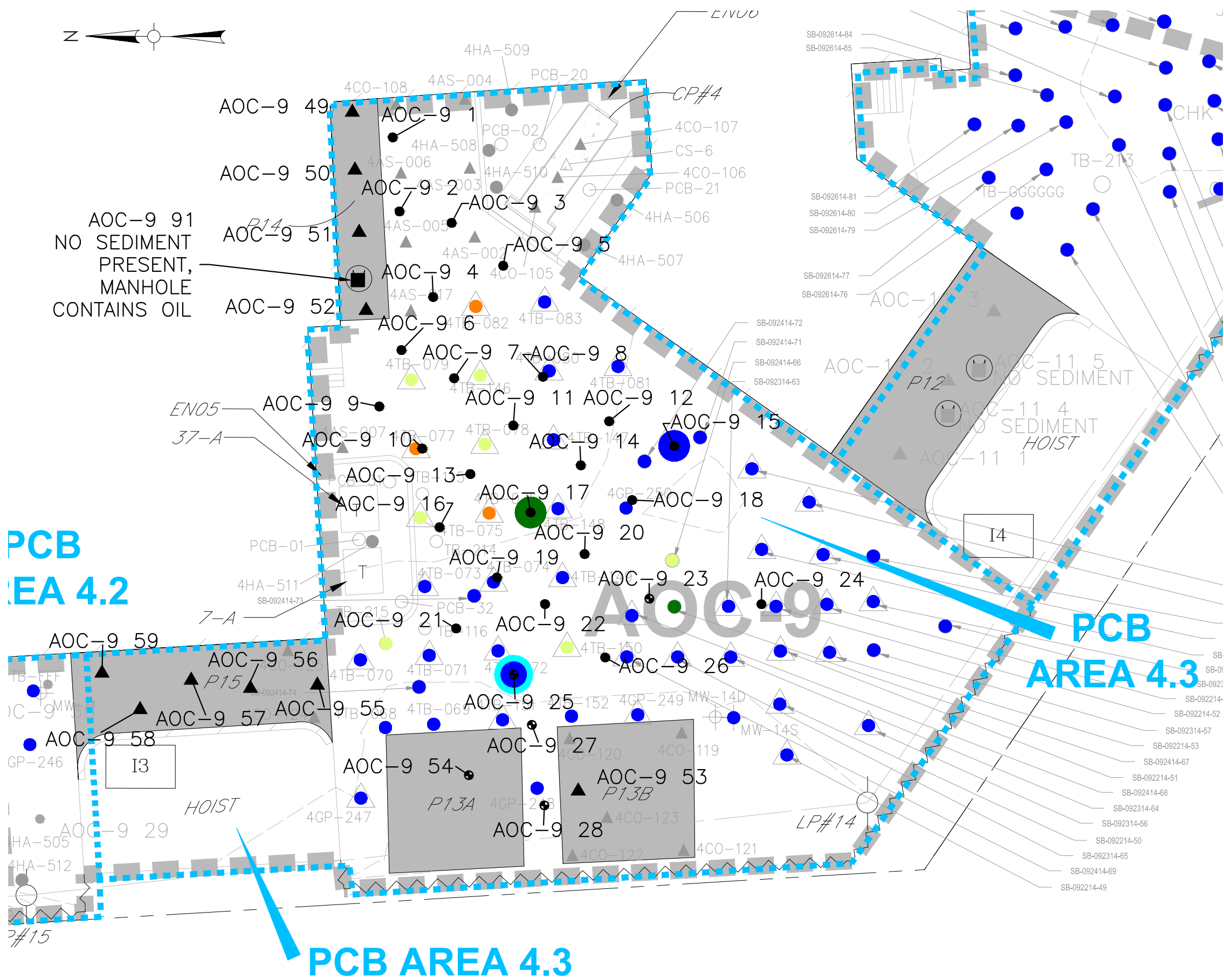
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-9 (PCB AREA 4.3)  
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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Weston & Sampson<sup>SM</sup>

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**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
- APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

**NOTES:**

- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

15 7.5 0 15 30  
SCALE: 1"=15'

FIGURE 8C-2

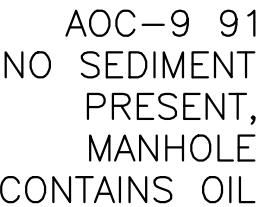
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-9 (PCB AREA 4.3)  
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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**Weston & Sampson**

















## PCB IEA 4.2

# PCB AREA 4.3

## PCB AREA 4.3

-  SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
-  SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
-  SEDIMENT SAMPLE LOCATION
-  POROUS MEDIA SAMPLE LOCATION
-  W&S 2017 BORING/SOIL SAMPLE LOCATION
-  W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
-  APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

NOTES:  
1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL  
SAMPLE POINTS AND/OR SAMPLE LOCATIONS  
OUTSIDE OF FIGURE'S AOC.

3. HISTORICAL SAMPLE POINTS WHERE  
DETECTIONS/ EXCEEDANCES OCCURRED ARE  
HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.



SCALE: 1"=15'

FIGURE 8C-3













UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-9 (PCB AREA 4.3)  
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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Weston & Sampson<sup>SM</sup>

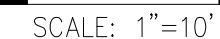


-  SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
-  SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
-  SEDIMENT SAMPLE LOCATION
-  POROUS MEDIA SAMPLE LOCATION
-  W&S 2017 BORING/SOIL SAMPLE LOCATION
-  W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
-  APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.

3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.



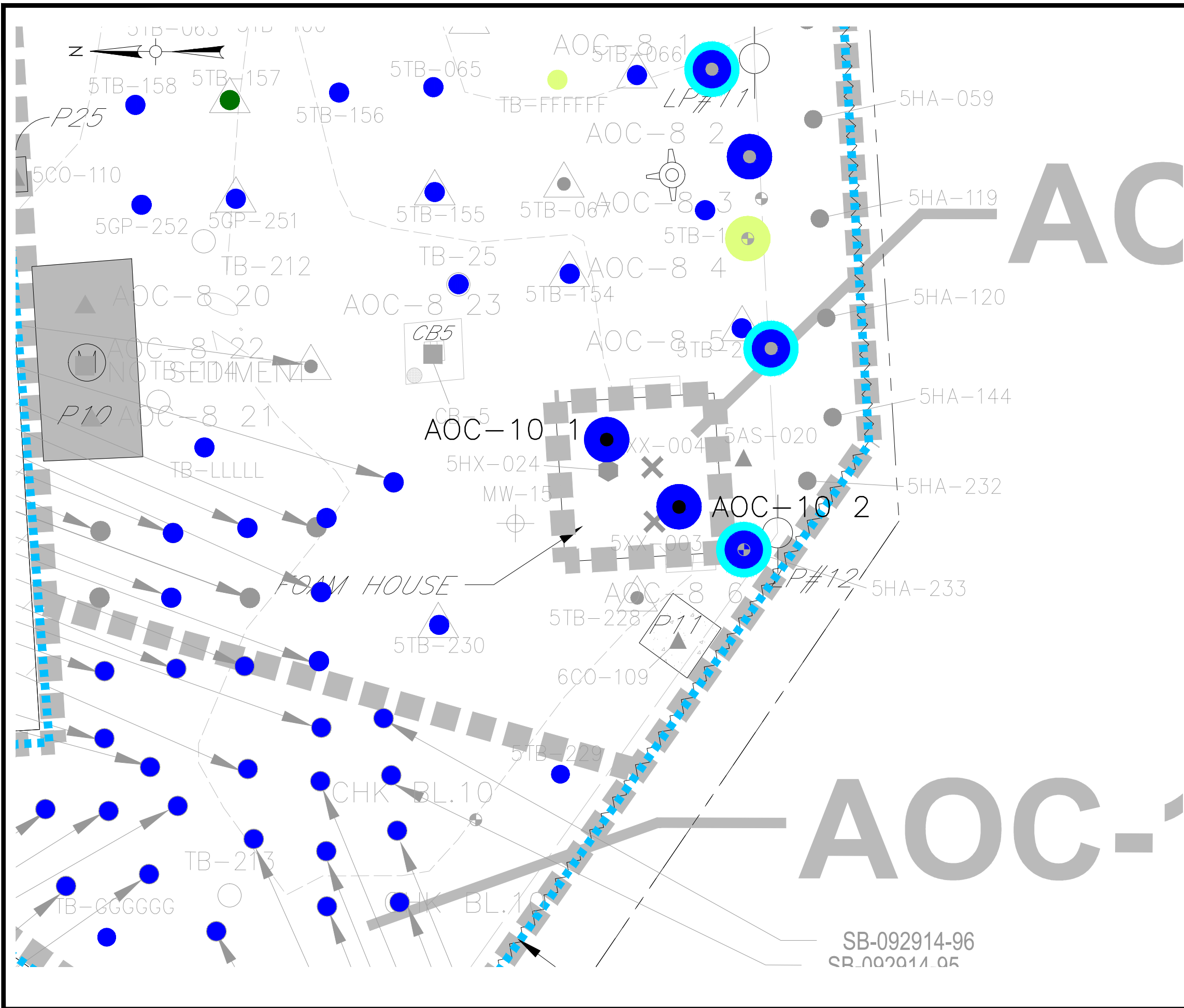
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- ▲ POROUS MEDIA SAMPLE LOCATION
- ⊙ W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
- APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

- NOTES:**
- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
  - SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
  - HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

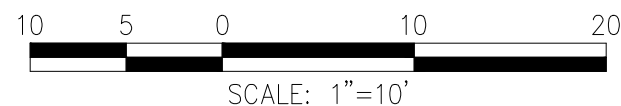
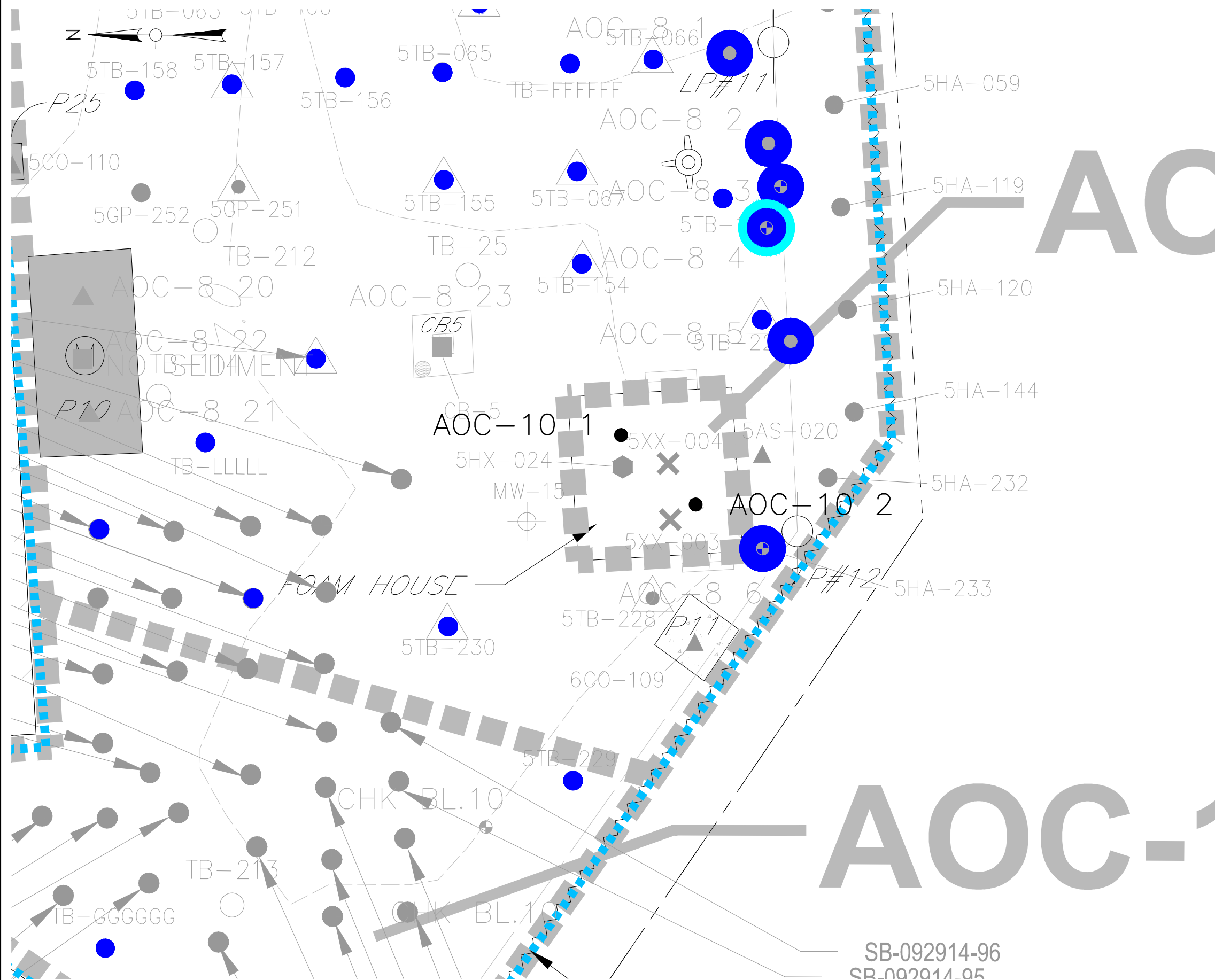


FIGURE 9A-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10		
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
<b>Weston &amp; Sampson<sup>SM</sup></b>		

SB-092914-96  
SR.002014.05

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**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
- APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

**NOTES:**

- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

10 5 0 10 20  
SCALE: 1"=10'

FIGURE 9A-3

UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

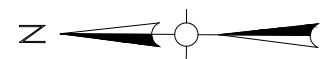
AOC-10

2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

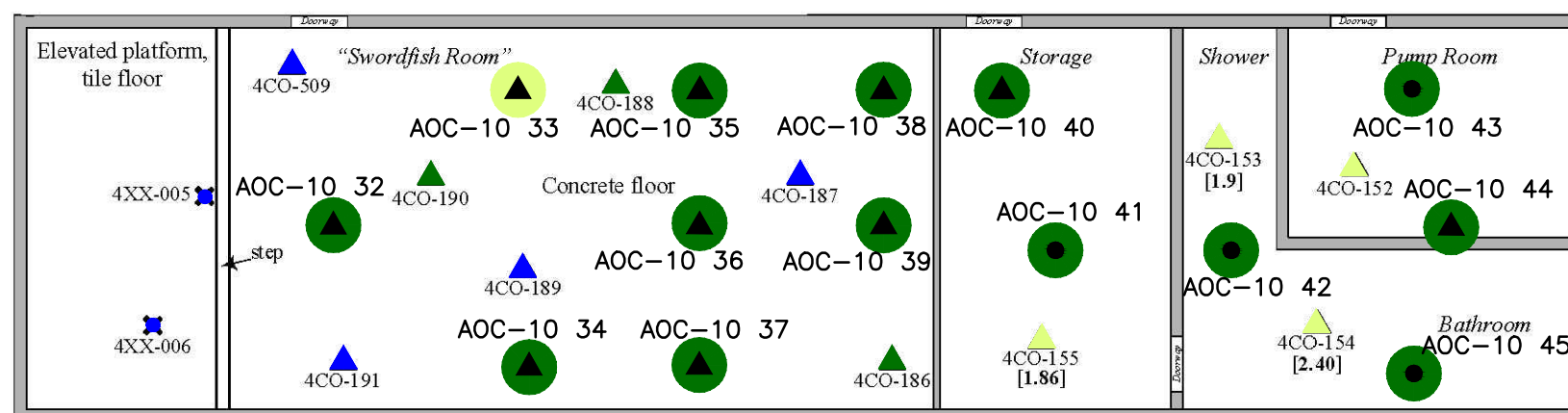
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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Weston & Sampson<sup>SM</sup>



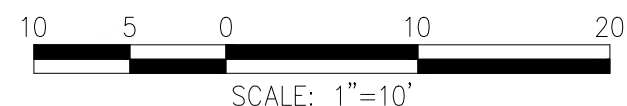


## PCB AREA 4.4 – ASSEMBLY HALL














SOURCE:

Figure A4.4: PCB Area 4.4: Concrete and Miscellaneous Sample Points.  
Project: AEI-00T-030e  
Location: English Station  
Grand Avenue, New Haven, Connecticut  
Date: February 2005  
By Advanced Environmental Interface, Inc.



LEGEND:

-  SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
-  SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
-  SEDIMENT SAMPLE LOCATION
-  POROUS MEDIA SAMPLE LOCATION
-  W&S 2017 BORING/SOIL SAMPLE LOCATION
-  W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

NOTES:

1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL  
SAMPLE POINTS AND/OR SAMPLE LOCATIONS  
OUTSIDE OF FIGURE'S AOC.

3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9B-1

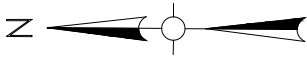
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-10 (PCB AREA 4.4)  
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

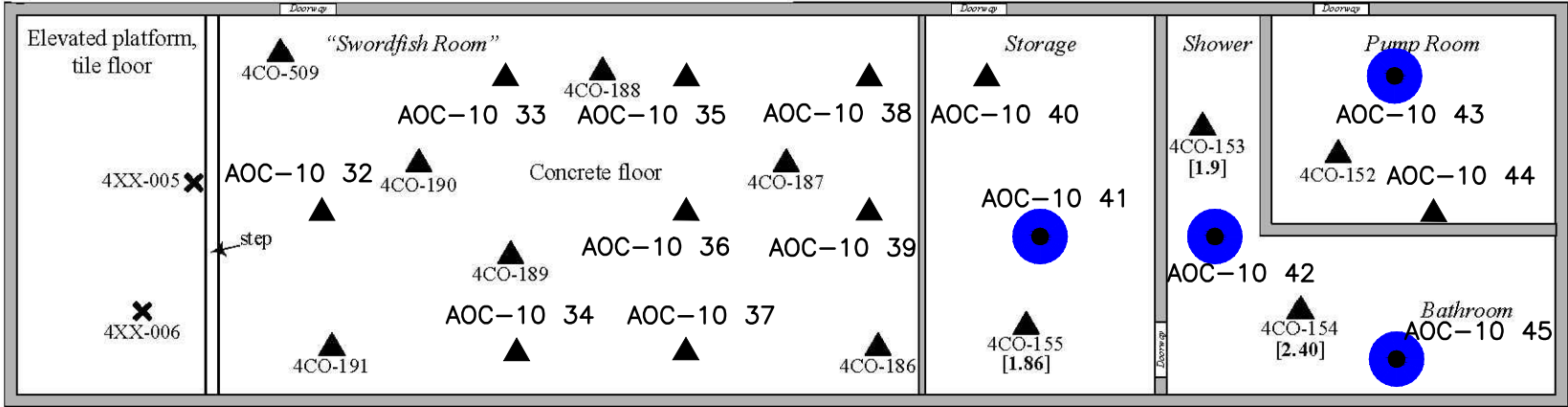
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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Weston & Sampson<sup>SM</sup>

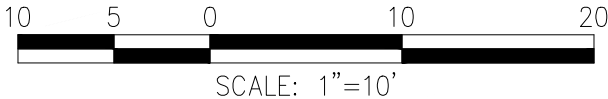
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PCB AREA 4.4 – ASSEMBLY HALL



SOURCE:  
Figure A4.4: PCB Area 4.4: Concrete and  
Miscellaneous Sample Points.  
Project: AEI-00T-030e  
Location: English Station  
Grand Avenue, New Haven, Connecticut  
Date: February 2005  
By Advanced Environmental Interface, Inc.

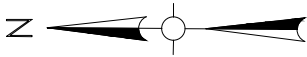


- LEGEND:
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
  - SEDIMENT SAMPLE LOCATION
  - POROUS MEDIA SAMPLE LOCATION
  - W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

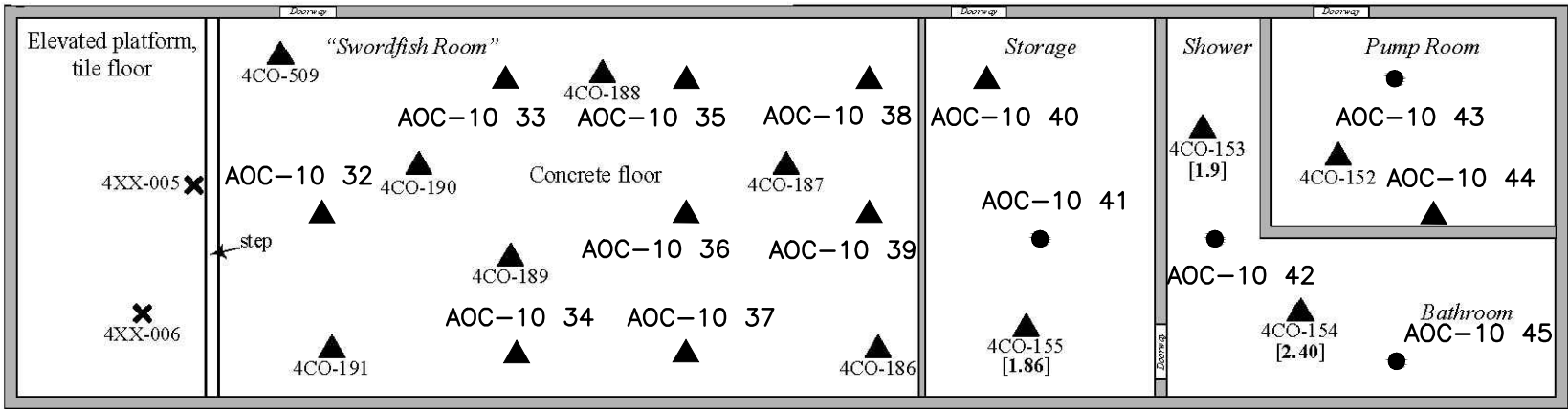
- NOTES:
- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
  - SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
  - HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9B-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.4) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
Weston & Sampson <sup>SM</sup>		

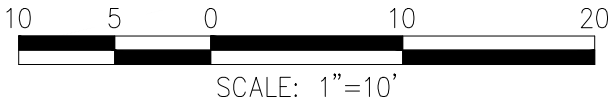
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PCB AREA 4.4 – ASSEMBLY HALL



SOURCE:  
Figure A4.4: PCB Area 4.4: Concrete and  
Miscellaneous Sample Points.  
Project: AEI-00T-030e  
Location: English Station  
Grand Avenue, New Haven, Connecticut  
Date: February 2005  
By Advanced Environmental Interface, Inc.



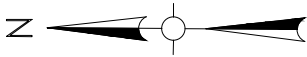
- LEGEND:
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
  - SEDIMENT SAMPLE LOCATION
  - POROUS MEDIA SAMPLE LOCATION
  - W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

- NOTES:
- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
  - SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
  - HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

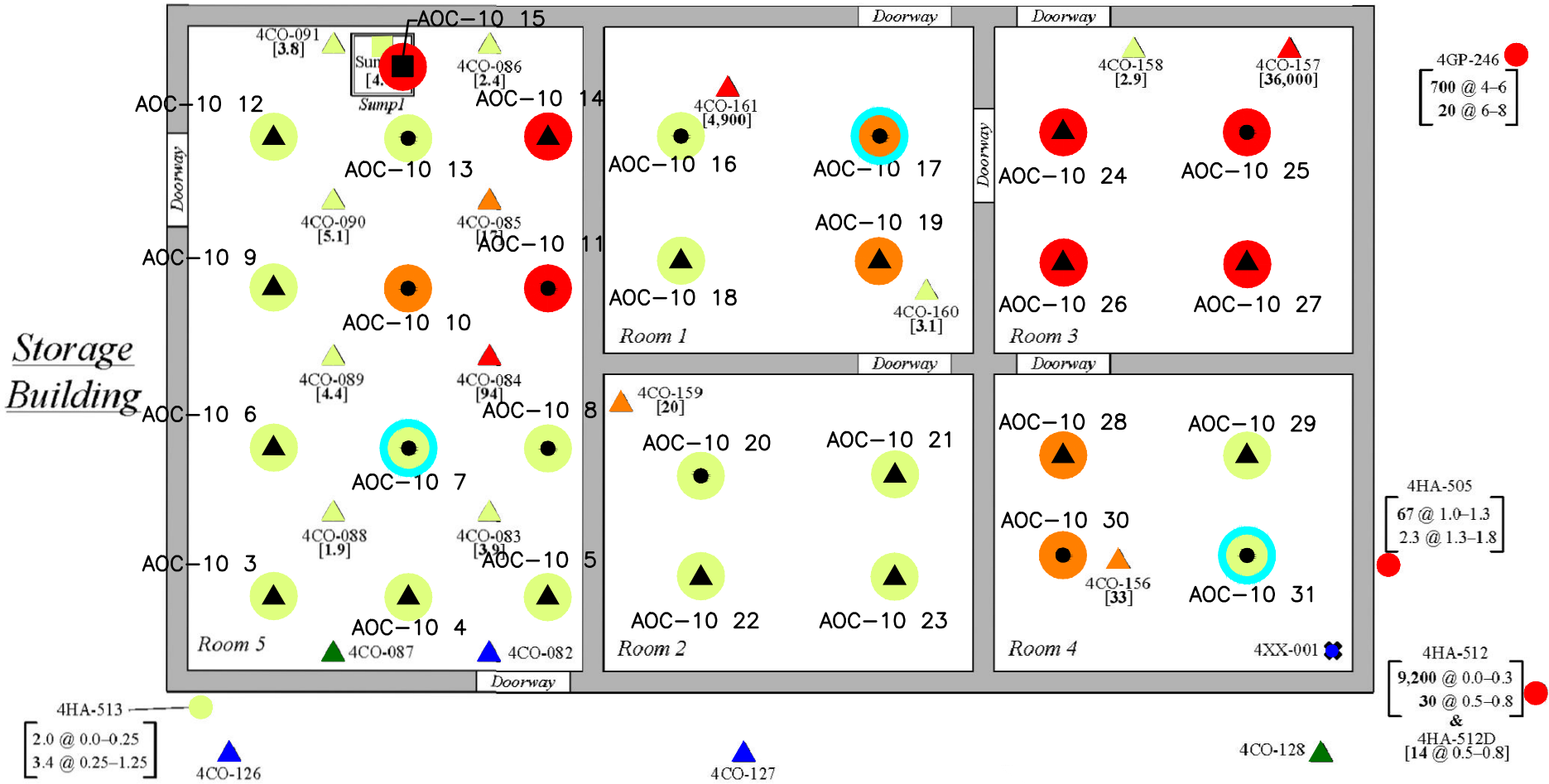
FIGURE 9B-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.4) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
Weston & Sampson <sup>SM</sup>		



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PCB AREA 4.2 – STORAGE ROOM



**SOURCE:**  
Figure A4.2: PCB Area 4.2: Concrete, Miscellaneous Sediment and Soil Sample Points.  
Project: AEI-00T-030e  
Location: English Station  
Grand Avenue, New Haven, Connecticut  
Date: February 2005  
By Advanced Environmental Interface, Inc.

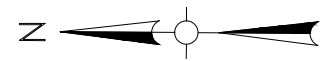


- LEGEND:**
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
  - SEDIMENT SAMPLE LOCATION
  - POROUS MEDIA SAMPLE LOCATION
  - W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

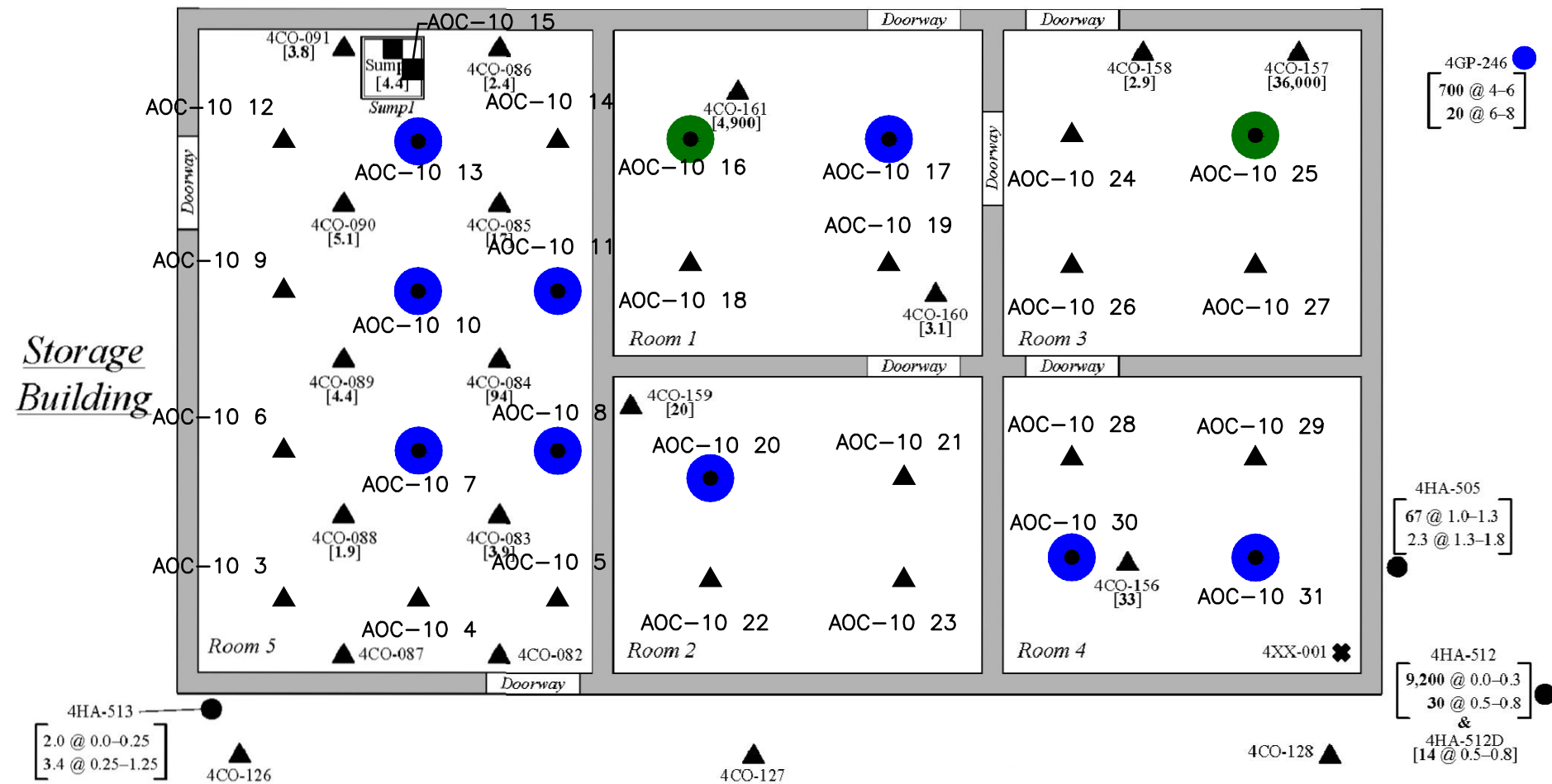
- NOTES:**
- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
  - SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
  - HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9C-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.2) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
Weston & Sampson <sup>SM</sup>		

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## PCB AREA 4.2 – STORAGE ROOM



**SOURCE:**  
Figure A4.2: PCB Area 4.2: Concrete, Miscellaneous  
Sediment and Soil Sample Points.  
Project: AEI-00T-030e  
Location: English Station  
Grand Avenue, New Haven, Connecticut  
Date: February 2005  
By Advanced Environmental Interface, Inc.



### LEGEND:

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

### NOTES:

- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9C-2

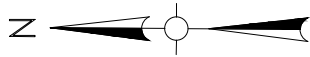
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-10 (PCB AREA 4.2)  
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

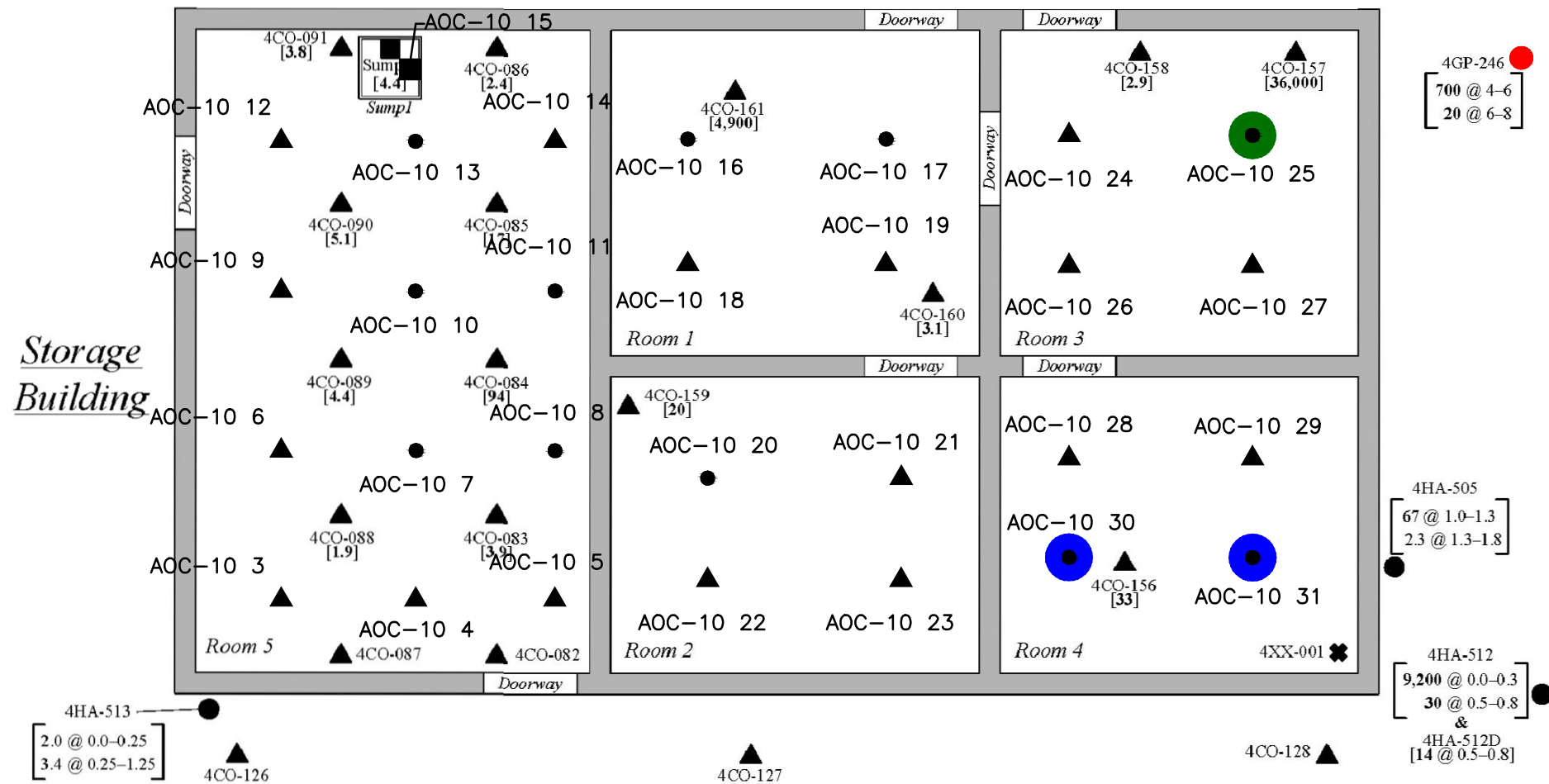
DESIGNED BY: PML | CHECKED BY: MB | DATE: OCTOBER 2017

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## PCB AREA 4.2 – STORAGE ROOM



**SOURCE:**  
Figure A4.2: PCB Area 4.2: Concrete, Miscellaneous  
Sediment and Soil Sample Points.  
Project: AEI-00T-030e  
Location: English Station  
Grand Avenue, New Haven, Connecticut  
Date: February 2005  
By Advanced Environmental Interface, Inc.



### LEGEND:

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- ▲ POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

### NOTES:

- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9C-3

UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-10 (PCB AREA 4.2)  
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

DESIGNED BY: PML | CHECKED BY: MB | DATE: OCTOBER 2017

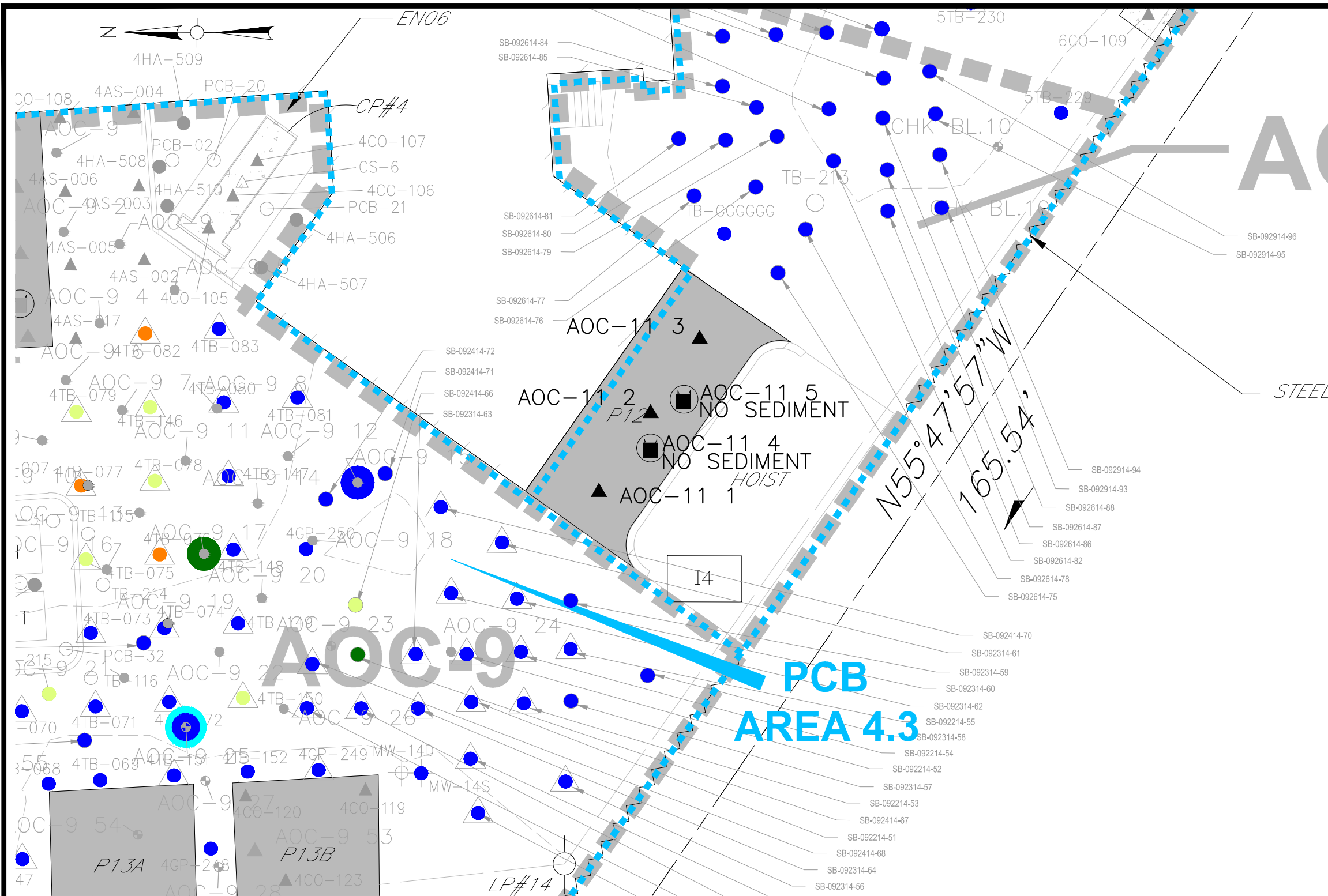
**Weston & Sampson**



15 7.5 0 15 30

SCALE: 1"=15'

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- LEGEND:
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
  - SEDIMENT SAMPLE LOCATION
  - POROUS MEDIA SAMPLE LOCATION
  - W&S 2017 BORING/SOIL SAMPLE LOCATION
  - W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
  - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

NOTES:

1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.

3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

15 7.5 0 15 30

SCALE: 1"=15'













FIGURE 10-2

UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-11  
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

DESIGNED BY: PML    CHECKED BY: MB    DATE: OCTOBER 2017

Weston & Sampson<sup>SM</sup>

-  SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
-  SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
-  SEDIMENT SAMPLE LOCATION
-  POROUS MEDIA SAMPLE LOCATION
-  W&S 2017 BORING/SOIL SAMPLE LOCATION
-  W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
-  APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

NOTES:  
1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.

3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

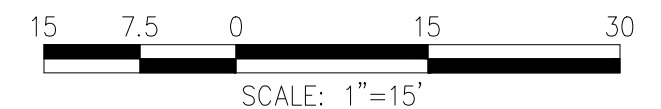


FIGURE 10-3

UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-11

2017 SAMPLE LOCATIONS: &gt; 4 FOOT DEPTH

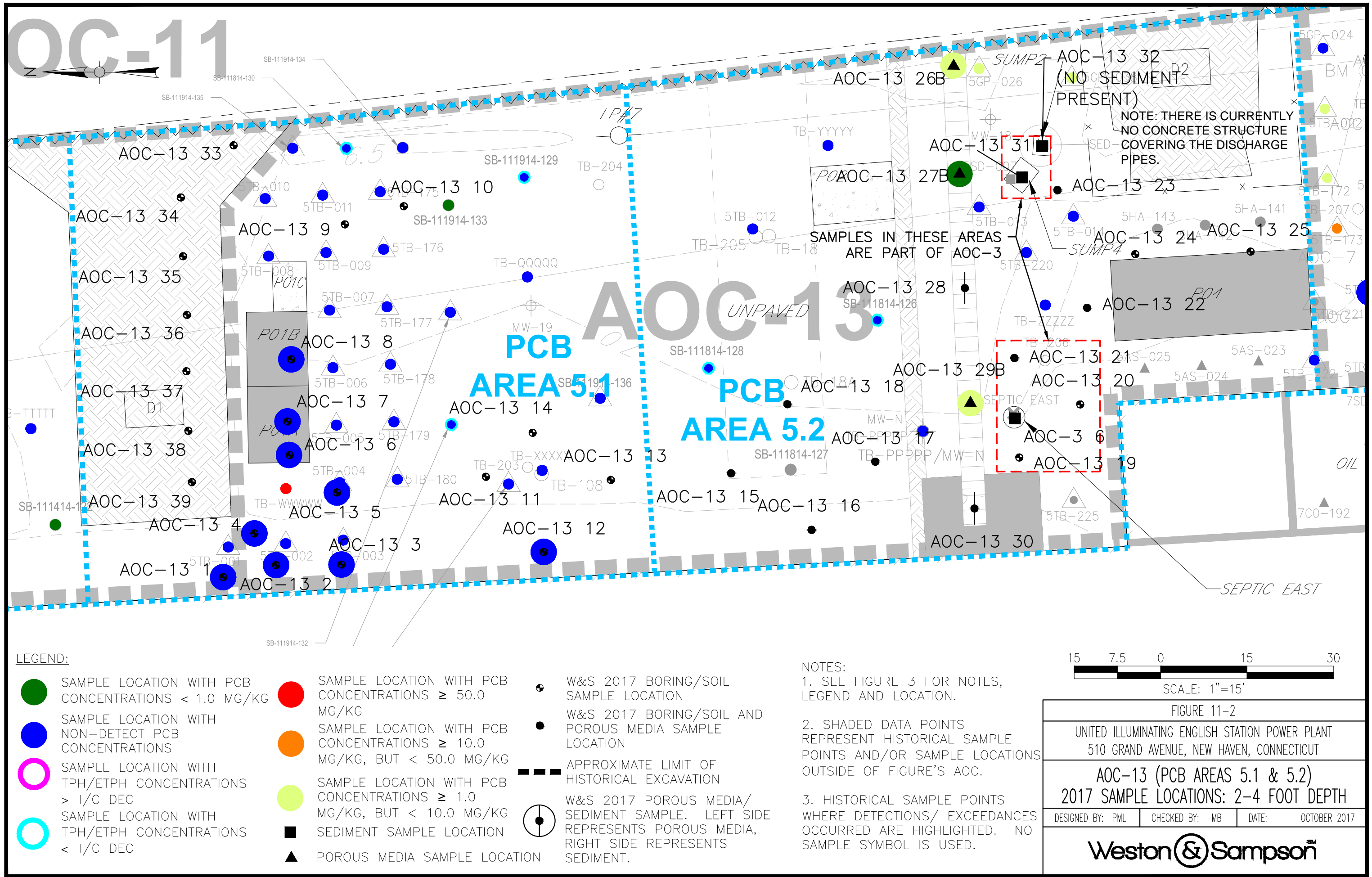
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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Weston & Sampson<sup>SM</sup>



Weston (&) Sampson<sup>SM</sup>

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