Amadi, Eric A - DNR

From: Noel, Mike <Mike.Noel@tetratech.com>
Sent: Thursday, January 31, 2013 2:45 PM
To: Amadi, Eric A - DNR
Cc: Mylotta, Pamela A - DNR; Brunette, Margaret M - DNR; Larry Haskin; Harrington, Arthur; Kathryn Huibregtse; Mike Kellogg; John Curtin; Mark Thimke; Julie A. Zimdars (jzimdars@naturalrt.com); Mike.Slenska@TRMI.Biz; Paul.Kline@TRMI.Biz; Jennifer Buzecky
Subject: Proposed Beazer Work Plan Changes for Connell Oak Creek Site
Attachments: Figure 16 - Revised Proposed Sampling Locations.pdf

Hi Eric,
Based on our meeting and discussions with the Department and the City of Oak Creek, Beazer has revised the sampling plan as follows:

- 8 proposed borehole locations were adjacent to existing borings for purposes of TarGOST calibration (B-83, B-88, B-89 and B-96 near southeast corner of building; B-93 at east side of building; and B-103, B-105 and B-112 in east area). Now that we are not doing TarGOST we have slightly moved these 8 locations to provide better coverage. The new locations are provided on the revised figure.
- Due to access restrictions the two borings that were on DuPont property were moved north to occur on the City of Oak Creek property (B-49 and B-51) and the proposed monitoring well on the DuPont property was eliminated.
- Three borings located on railroad property to the north of Depot Road (B-56, B-58 and B-60) are postponed as it is uncertain if we will be able to get site access.
- At 20 of the proposed boring locations we will collect a soil sample from the bottom of the borehole (15 feet) and submit to the laboratory for VOC and PAH analyses. The proposed sample locations are designated on the revised figure. These samples will help establish/confirm the base of contamination.
- Two additional deep monitoring wells are proposed to support our assessment of the base of contamination. Well P-120 will be nested with existing well MW-117 inside the building. Well P-121 will be installed to the east of the building in the flatworks area at the B-99 location. Both wells will be completed to a depth of 50 feet with 5 feet of screen. The wells will also be double cased to a depth of 20 feet to prevent cross contamination from shallower contaminants. The wells will be completed in flush mount vaults set below the bottom of the concrete which is scheduled for removal.

We are scheduled to start this work next Monday February 4. Let me know if you have any questions.
Mike

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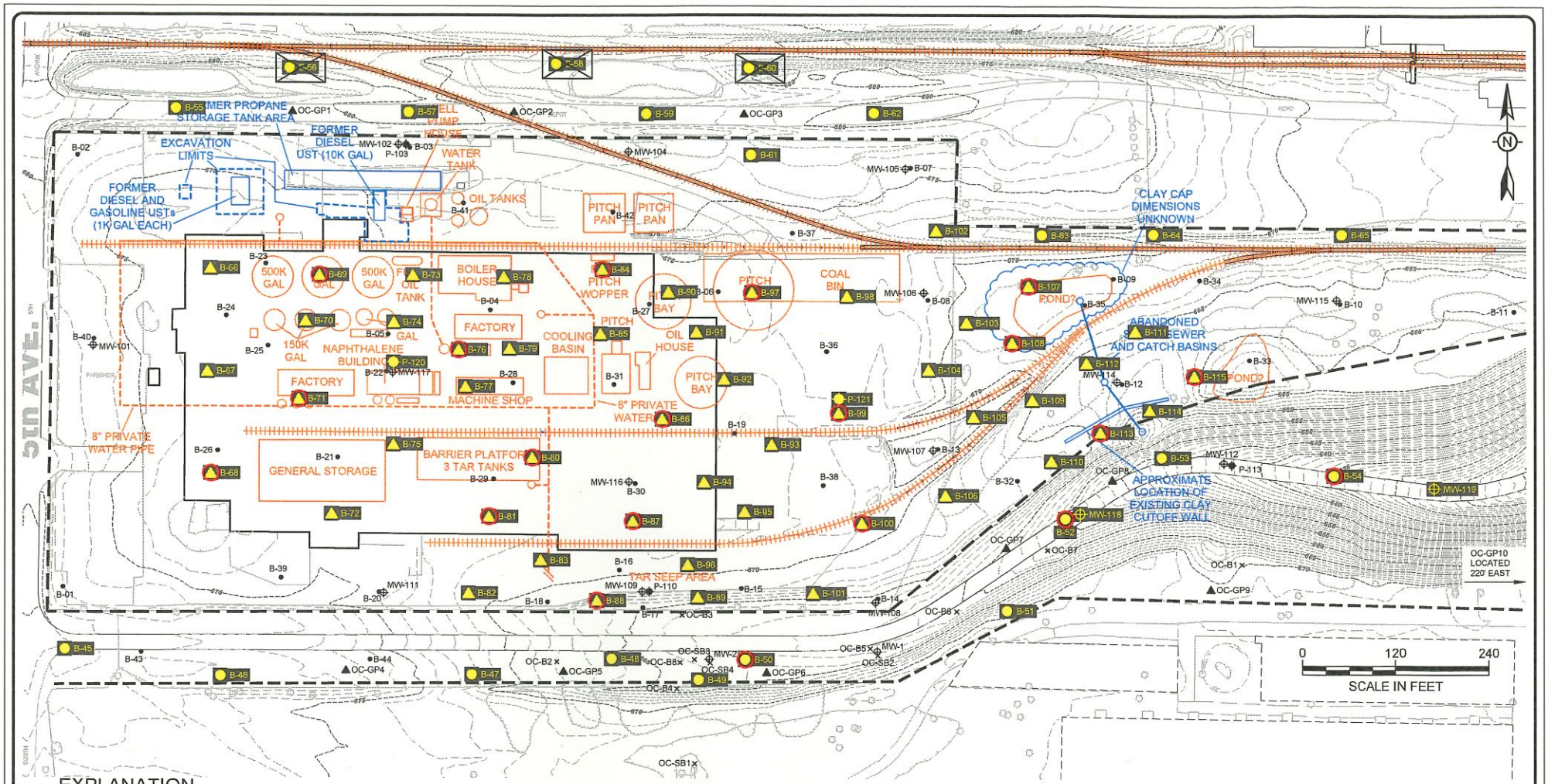

EXPLANATION

- MW-101 — WATER TABLE WELL
- P-103 — NESTED PIEZOMETER
- B-01 — SOIL BORING
- OC-SB1 — SOIL BORING (CITY OF OAK CREEK)
- OC-GP1 — GEOPROBE (CITY OF OAK CREEK)
- APPROXIMATE PROPERTY BOUNDARY
- FORMER TAR PLANT STRUCTURES
- PAST REMEDIAL ACTIVITIES

PROPOSED INVESTIGATION

- VOC, PAH, AND PCB SAMPLING (0-2' AND HIGHEST PID BELOW WATER TABLE)
- VISUAL TAR OBSERVATION (0-15')
- MONITORING WELL
- VOC AND PAH SAMPLE FROM 15'
- DEEP MONITORING WELL
- POSTPONE BORING ON RAILROAD PROPERTY

TITLE: CONNELL LLC PROPERTY
REVISED PROPOSED INVESTIGATION/SAMPLING LOCATIONS

LOCATION: OAK CREEK, WISCONSIN

TETRA TECH

CHECKED	MRN
DRAFTED	HJW
PROJECT	117-2201220
DATE	1/31/13

FIGURE: 16

S:\CAD\BEAZER\WABASH\1-29-13\FIGURE 1 - PROPOSED SAMPLING LOCATIONS.DWG