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DRAFT REPORT FOR ADDITIONAL INVESTIGATION IN SUPPORT OF PRESERIPTIVE PCB REMEDIATION AT SOLID WASTE MANAGEMENT UNIT 17 (SWMU 17) PCB CAPACITOR BURIAL/POLE YARD NSA CRANE IN

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Report for Additional Investigation In Support of Prescriptive PCB Remediation at Solid Waste Management (SWMU) 17 - PCB Capacitor Burial/Pole Yard

Naval Support Activity
Crane, Indiana

Naval Facilities Engineering Command
NAVFAC MIDWEST

Naval Facilities Engineering Command Midwest
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REPORT FOR ADDITIONAL INVESTIGATION IN SUPPORT OF PRESCRIPTIVE PCB REMEDIATION AT SOLID WASTE MANAGEMENT (SWMU) 17 - PCB CAPACITOR BURIAL/POLE YARD

NAVAL SUPPORT ACTIVITY
CRANE, INDIANA

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

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ACRONYMS

bgs	Below ground surface
CD	Compact disk
CLEAN	Comprehensive Long-term Environmental Action Navy
CTO	Contract Task Order
DPT	Direct Push Technology
EPA	Environmental Protection Agency
ft	Feet
FTMR	Field Task Modification Request
GEL	GEL Laboratories, LLC.
GPS	Global positioning system
IM	Interim Measure
LOD	Limit of detection
MDL	Method detection limit
mg/kg	Milligram(s) per kilogram
NAVFAC	Naval Facilities Engineering Command
NSA	Naval Support Activity
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SVOC	Semivolatile organic compound
SWMU	Solid Waste Management Unit
TSCA	Toxic Substance Control Act
Tetra Tech	Tetra Tech, Inc.
TolTest	TolTest Incorporated
µg/L	Microgram(s) per liter
VOC	Volatile organic compound

EXECUTIVE SUMMARY

The Polychlorinated Biphenyl (PCB) Capacitor Burial/Pole Yard, also known as Solid Waste Management Unit (SWMU) 17, at Naval Support Activity (NSA) Crane located in Crane, Indiana, has been studied extensively with regard to PCB contamination. Within this SWMU are four primary categories of environmental media groups that exhibit PCB contamination:

- Group 1: Ditches. These are natural water conveyances on the steeper slopes of SWMU 17 that do not necessarily contain water year round and are not necessarily under tree canopy.

- Group 2: Stream Sediments. These are sediments in streams that do contain water year round and are therefore considered to pose a slightly different set of challenges for PCB sediment removal.

- Group 3: Floodplain Soils. These soil areas are located adjacent to the streams that contain the Group 2 stream sediments. The extent of floodplain contamination, however, does not necessarily extend the entire length of stream channel containing contaminated sediments.

- Group 4: SWMU 17 Dump/Fill Area and Building Area Soils. The Dump/Fill Area, a subarea of this group, is a known dumping ground for debris including electrical equipment that has been covered over and is known to contain the highest levels of PCB contamination observed in soils at SWMU 17.

Each of the above groups comprises multiple areas of contaminated soil or sediment. Some areas have been subdivided to represent different levels of PCB contamination or different depths to which the soil or sediment is contaminated within an area. These boundaries are the basis for an Interim Measure (IM) planned for SWMU 17. That IM, which is described in a separate document, is designed to remove PCB-contaminated soil and sediment to a level of <1 mg/kg throughout SWMU 17. Delineation of PCB contamination ≥1 mg/kg has been demonstrated to be nearly 100 percent complete, although additional characterization or confirmation sampling may be warranted in support of the IM.

This report began as a letter report but evolved into a more comprehensive report as the body of characterization data expanded during site characterization. The data include a limited amount of non-PCB characterization data. The amount of text in this report is limited so that the reader can focus on contamination delineation boundaries presented in tables and figures. Additional, more detailed, site descriptions and historical accounts of site activities may be found in other documents listed in the References section and additional detail is also presented in appendices to this report.

1.0 INTRODUCTION

1.1 INTRODUCTION AND PURPOSE

Naval Support Activity (NSA) Crane prepared a Quality Assurance Project Plan (QAPP) [Tetra Tech, Inc. (Tetra Tech), 2001] for a Phase III Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) at Solid Waste Management Unit (SWMU) 17 to provide data regarding polychlorinated biphenyl (PCB) contamination in surface and subsurface soil at the PCB Capacitor Burial/Pole Yard. Following approval of the QAPP, Tetra Tech began site activities in March 2002.

In 2004, TolTest Incorporated (TolTest) conducted an interim measure to remove PCB contamination in select areas of SWMU 17.

In June 2005, the Navy prepared a QAPP Addendum (Tetra Tech, 2005) designed to guide data collection for filling data gaps regarding PCB contamination in surface soil, subsurface soil, perched groundwater, surface water, and sediment at SWMU 17.

Based on the previous field investigations in which unacceptable risk was identified related to PCB contamination at SWMU 17, the Navy prepared QAPP Addendum No. 2 (Tetra Tech, 2006a) to identify the full extent of the contamination, specifically in ditches 1 through 10 leading into Boggs Creek, Boggs Creek headwaters, Boggs Creek plunge pool, and the upper portion of Boggs Creek itself.

In response to PCB contamination found within the headwaters of Boggs Creek, the Navy prepared QAPP Addendum No. 3 (Tetra Tech, 2006b) to gather data that would allow the RFI to be completed. Data collection included the delineation of the nature and extent of PCB contamination, primarily in the area around Building 2721 and the tributary flowing west from Building 2721 to Boggs Creek. At the end of this investigation the extent of contamination in all environmental media of interest had not been fully delineated.

In August 2008, the Navy prepared QAPP Addendum No. 4 (Tetra Tech, 2008) to determine the full extent of PCB contamination in the surface water and sediment associated with Boggs Creek to its termination into Lake Gallimore. PCBs, however, are present in Boggs creek and its tributaries, so the potential for the PCBs to migrate to Lake Gallimore is present.

Based on the results of the sampling events summarized above, removal actions were recommended for 569 cubic yards of soil and sediment from the channels and floodplain areas of the northwestern ditch, Boggs Creek Stream Segment 1, Ditch 3 Stream Segment 2, Ditch 3 Segment 6, spot removal of sediment from one location in Boggs Creek, and 440 cubic yards of soil adjacent to Buildings 357 and 2721. Figures 1 and 2 display the soil and sediment areas at SWMU 17 for which removal actions had been recommended. The PCB mass values displayed in Figure 1 were based on 2005 and 2006 sampling data.

A draft interim measures work plan was developed to describe in detail the locations from which PCB contamination in ditches and streams should be excavated without confirmation sampling to verify satisfactory removal (Tetra Tech, 2011). The U.S. Environmental Protection Agency (EPA) Region 5 recommended that additional sampling be conducted to more precisely delineate PCB contamination in the ditches, streams, floodplains, and SWMU 17 building areas in order to support this prescriptive remediation. A Technical Memorandum was prepared in April 2012 (Tetra Tech) to govern additional sampling in the ditches, streams, and floodplains. The objectives of that technical memorandum were consistent with previously developed work plans, i.e., to further refine the delineation of PCB contamination at SWMU 17. The additional sampling, including installation of exploratory trenches in the SWMU 17 Dump/Fill Area to delineate the extent of buried debris, was conducted in various field events from April 23 to October 2, 2012. When this exploration identified the presence of relatively high concentrations of PCBs in soil, additional sampling was included for the SWMU 17 building areas to ensure that delineation of PCB contamination in soil was complete. Most samples were shipped directly to the analytical laboratory for analysis; however, some soil samples were stored by the analytical laboratory pending a decision to analyze them to complete the vertical or horizontal delineation. The last sample to be analyzed (17SB1720406), which had been in storage since April 26, was analyzed on November 30, 2012.

This report briefly summarizes the results of 2012 activities at SWMU 17 and current site conditions represented by 2012 and previous sampling and analyses. The purpose is to document the delineation of PCB contamination in soil and sediment that exceeds 1 milligram per kilogram (mg/kg) and 50 mg/kg throughout SWMU 17 and in downgradient drainage channels potentially affected by SWMU 17 operations.

1.2 REPORT ORGANIZATION

The most essential text, data, and conclusions related to delineation of PCB contamination at SMWU 17 are presented in hard copy format in this report. Several of the tables and the collection of appendices,

however, are voluminous. Therefore, those portions of the report are provided only on the accompanying compact disk (CD) as part of an electronic file. The portions of the report provided in hard copy format are this text, Tables 1 through 6, and Figures 1 through 18. These same materials plus Tables 7 through 21 and Appendices A through G are provided as part of the electronic file on CD. The file on the CD is a complete report containing all text, tables, figures, and appendices.

1.3 SITE BACKGROUND HISTORY

The PCB capacitor Burial/Pole Yard (SWMU 17) has been in use since before 1966. Historically, the site has been used for the following:

- Storage of capacitors, some of which contained PCBs.
- Storage of transformers, some of which contained PCBs.
- Reported burial of capacitors, some of which may have contained PCBs.
- Storage of creosote-impregnated utility poles, some of which may contain PCBs as a result of burst transformers.

Reportedly, capacitors were buried at SWMU 17 in the early to mid-1970s; however, it is unknown whether any capacitors were buried prior to the early 1970s or after the mid-1970s. Pure PCBs have never been found in transformers or capacitors at NSA Crane. PCB mixtures commonly used in transformers incorporated chlorinated benzenes. The greatest observed concentration of total PCBs was approximately 41,000 mg/kg in one soil sample collected in 2012. All other measured total PCB concentrations have been less than 3,300 mg/kg in soil and sediment. The matrix below shows the maximum observed total PCB concentration for each environmental medium to date:

Matrix	Total PCB Concentration	Measurement Units	Year of Maximum Detected Concentration
Soil	41,000	mg/kg	2012
Sediment	175	mg/kg	2011
Groundwater	No Detections	µg/L	NA
Surface Water	3.08	µg/L	2012

2.0 FIELD ACTIVITIES

2.1 METHODOLOGY

The 2012 soil and sediment sampling, and test pitting, were conducted in accordance with the final EPA approved Technical Memorandum for Sampling and Analysis to Support Prescriptive Remediation for SWMU 17 (Tetra Tech 2012), unless described otherwise below. The memorandum was designed to establish initial sampling locations that would be augmented after EPA Region 5 and Navy representatives conducted a site visit to identify additional sampling locations. Areas of total PCB contamination in soil and sediment greater than 1 mg/kg and greater than 50 mg/kg at any sampling location were delineated.

Standard environmental analytical methods were used and the results of PCB analyses were reported as Aroclor concentrations. Total PCB concentrations were computed by summing the detectable Aroclor concentrations. Aroclor detection limits for soil and sediment were well below 1 mg/kg. If no Aroclor was detected in a particular sample, the reported total PCB result prior to 2012 was 0 mg/kg or 0 micrograms per liter (µg/L). In 2012, if no Aroclor was detected, the maximum individual Aroclor non-detect concentration was used as the reported non-detect concentration for total PCBs. The matrix below displays minimum and maximum non-detect values reported for PCB analyses prior to and during 2012.

Matrix and Measurement Units	Parameter	Non-Detect Values Prior to 2012		Non-Detect Values Prior during 2012	
		Minimum	Maximum	Minimum	Maximum
Groundwater, µg/L	Total PCBs	0	0	Not analyzed	Not analyzed
Sediment, mg/kg	Total PCBs	0	0	No non-detect values	No non-detect values
Soil, mg/kg	Total PCBs	0	0	0.0019	0.0626
Surface Water, µg/L	Total PCBs	0	0	No non-detect values	No non-detect values

2.1.1 Field Changes

With relatively few exceptions, the 2012 and earlier work focused on PCB analyses of soil and sediment, although other matrices were sampled and other analyses were occasionally performed. At the start of the 2012 field work, a Field Task Modification Request (FTMR), dated April 20, 2012, was created to document a change in log sheets that are used to record samples collected. Another FTMR dated April 23, 2012 to May 2, 2012 was created soon after to document agreements reached between the Navy and EPA Region 5 regarding additional sampling and analyses to be conducted. The April 23, 2012

to May 2, 2012 FTMR included a provision for collecting and analyzing four sediment and two surface water samples for semivolatile organic compounds (SVOCs) and volatile organic compounds (VOCs). Subsequent FTMRs were issued to document additional sampling and analyses in SWMU 17 ditches, streams, floodplains, and building areas. In August 2012 two soil samples from the SWMU 17 Dump/Fill area that exhibited a strong organic odor were analyzed for VOCs and SVOCs as well as Total PCBs. All 2012 FTMRs are presented in Appendix A.

After collection of samples, the 2012 sample numbers were checked to ensure that the identifying numbers of surface soil [i.e., 0 to 2 feet (ft) below ground surface (bgs)] samples correctly indicated that they are surface soil samples. In some cases, this required changing the sample numbers to begin with "17SS" instead of "17SB..." Similarly, subsurface soil identifiers were checked and changed as necessary to ensure that the sample numbers begin with "17SB," where appropriate. If samples collected prior to 2012 had numbers beginning with "17SB" followed by a two-digit sequential sampling location identifier, the two-digit location identifier was changed to three-digits. This change facilitates sorting the sample data by sample number. The corresponding sampling location numbers were changed similarly to facilitate sorting by sampling location number.

2.1.2 Sampling and Analysis

The 2012 sampling, analysis, and laboratory data reporting, and data validation extended from April to December, 2012. As described above, data for samples collected prior to 2012 are documented in earlier reports. Table 1 is a tally of samples collected and number of samples analyzed for a particular group of chemicals (analytical fractions) from 2001 through 2012. These are SWMU 17 samples for which associated analytical data are available in the Tetra Tech NSA Crane database. Test pitting (trenching) was conducted in the Dump/Fill Area from May 8 to May 11, 2012 to investigate the extent of buried debris. Test pitting and associated sampling are described in more detail in the next section.

Table 2 summarizes the 2012 data and identifies individual field sampling events and associated information. Table 3 identifies the sampling locations, sample numbers, dates sampled, and the areas sampled for all SWMU 17 soil and sediment samples analyzed for total PCBs. Figures within this report on which the sampling locations appear are identified in Table 3. These cross-references to figures and to currently prescribed excavation areas (e.g., 3N or 4A-5), which are also shown on figures, are provided to aid the reader in finding particular sampling locations. Field logs, site photos, and sample chain-of-custody logs for 2012 are presented in Appendices B through E. Test pit logs are provided in Appendix F.

In general, floodplain soil samples were collected at multiple depths in six-inch intervals. Building area samples were generally collected in 1- or 2-ft depth intervals. Soil samples representing PCB concentrations at the bottoms or sidewalls of previous excavations (conducted by TolTest) are included in the current SWMU 17 data sets. Based on earlier reports, the excavation floor and sidewall samples, which were composite samples, represent a 6-inch penetration into the floors and sidewalls. Soil sample collection was typically achieved using direct push technology (DPT) in as many locations as was practical to do so; otherwise, sample collection occurred via hand augering or the equivalent. If refusal was encountered during hand augering or DPT advancement, at least one but usually two or three additional attempts were made in that sample area to advance to deeper intervals. If the additional attempts failed, no sample was collected beyond the refusal depth.

In 2012 many samples collected at the 0 to 6 inch depth or 6 to 12 inch depth were designated for immediate analysis at Southern University/GEL Laboratories, LLC. (GEL) in Charleston, South Carolina. Deeper samples were generally sent to the analytical laboratory and stored at the laboratory pending analysis or they were stored in a secure refrigerator at NSA Crane pending shipment to the laboratory for analysis, if needed to complete the delineation of contamination. The GEL and NSA Crane refrigerator sample storage temperatures ranged from 0 to 6 degrees Celsius throughout the storage period. Soil and sediment sample holding times are indefinite under these conditions. Samples collected earlier in the field work were submitted for a 7-day analytical turnaround time; samples submitted later in the field work were generally submitted for a 3-day turnaround time. Analytical methodology was as described in the QAPP Addendum No. 4. All samples collected in 2012 were analyzed for individual Aroclors and total PCBs. Two soil, four sediment, and two surface water samples were analyzed for SVOCs and VOCs in 2012.

Early during the 2012 field work, the global positioning system (GPS) used to document coordinates of sampling points was found to be insufficiently precise to support excavations. Therefore, many 2012 sample locations and several locations sampled previously were surveyed by a State of Indiana licensed professional surveyor unless field conditions (e.g., missing sample location stakes/flags) prevented it, or the location was not needed to support excavation. Emphasis was placed on surveying the locations of sample locations that would establish the extent of contamination greater than or equal to 1 mg/kg and greater than or equal to 50 mg/kg. In addition, numerous site photographs were taken. Photographs included pictures of stream segments containing sample locations, as well as other portions of SWMU 17. Site photographs are included as Appendix D.

Figure 3 shows the locations of samples collected in 2004 as well as locations of excavations conducted by TolTest and a geophysical survey area used to establish the outer bounds of buried debris west of

Building 357. Figures 4 through 17 show the locations of samples collected from 2005 through 2012. These figures exhibit overlap in the area depicted from one figure to another, although sequentially numbered groups of figures generally depict one subarea of SWMU 17 or emphasize a particular environmental medium. For example, Figures 4 through 8 emphasize sediment sampling locations and relatively large areas of SMWUJ 17, Figures 9 through 14 represent soil and sediment in an eastward direction of travel from the headwaters of Boggs Creek to the top of the drainage channel that begins downgradient of Building 2721, and Figures 14 through 18 show the extent of soil and sediment contamination the building areas of SWMU 17. All of these figures are needed to show all sampled locations. Also shown on some of these figures are hatched or cross-hatched polygons or shaded polygons representing areas identified for further excavation. These excavation areas are described in more detail in the Results section below. Areas of SWMU 17 that were previously excavated by TolTest are also shown to provide a point of reference.

2.1.3 Test Pitting

Exploratory trenches (test pits) were installed in the SMWU 17 Dump/Fill Area (see Figures 15 and 16). Test Pit logs are presented in Appendix F. The Technical Memorandum governing the test pitting allowed for moving, extending, or re-orienting the test pits as necessary to delineate the buried debris. The final number and spatial distribution of trenches was influenced by whether debris was encountered after installing the initial trenches. In each trench, a representative sample was collected from each 1-ft depth interval of soil. Equal portions of each of these soil samples was compiled into a composite sample representing the entire slab of soil removed from the trench. The last four digits of each 1-ft sample represent a 1-ft soil interval whereas the last four digits of a whole slab sample represent a soil interval from the top to bottom of the trench. For example, a sample from the 2- to 3-ft soil interval has "0203" for the last four digits whereas a whole slab sample for a trench dug from 0 to 5 ft bgs has "0005" as the last four digits.

Initially, only the whole slab samples were analyzed. If the total PCB concentration in the composite sample exceeded 1 mg/kg divided by the number of 1-ft soil lifts removed from the trench, the 1-ft samples were analyzed to discern the vertical profile of PCBs in the trench. Seventeen composite samples, each representing the entire slab of soil removed from a trench were analyzed. Based on the analysis of these samples, 58 additional 1-ft samples were analyzed to discern the depths at which PCB concentrations exceed 1 mg/kg, and whether and where PCB concentrations exceeded the Toxic Substances Control Act (TSCA) limit of 50 mg/kg. The samples collected and analyzed are tallied on Table 3.

In general, it appears that electrical components and related materials potentially containing PCBs were not buried in this area. Instead, a gully was evidently used for general disposal of debris, regardless of whether it was related to electrical components. It also appears that, as the storage yard was expanded and with the refinement of traffic patterns and a need for increased storage capacity, fill materials were used to cover some of the discarded materials in this gully. A gray-colored soil layer containing what appeared to be natural organic matter comprising silts, tree and shrub debris, and leaf litter was identified at a depth of about 4 to 5 ft in some locations.

Debris and contaminated soils generally occupy the area surrounding the head of the Northwest Ditch, which appears to be an extension of the filled drainage gully. The heavy black oval-shaped line on Figures 15 and 16 indicates the debris burial area. The original drainage gully appears to have begun approximately 5 to 8 ft east of the existing fence with predominant disposal at this eastern most headwall of the drainage gully with the predominant contamination on the northern slope. As the yard was expanded, soils were evidently pushed over this debris, resulting in partial coverage with some of the waste materials still exposed. The current site configuration is that level grade exists to just west of the fence at the head of the Northwest Ditch shown on Figures 15 and 16.

Waste material extends about 5 to 8 ft toward the east under the fence. Test pit A3 cut through the waste pile west of the fence line and represents the area containing the most significant disposal debris. Buried waste was generally noted as much as 8 ft deep thinning out to the north and east and also thinning to surface coverage to the west and south. Only residual surface debris was noted on the southern slope of the Northwest Ditch. Debris further east is covered by fill, and extending to the west and north the debris has a shallow profile with bedrock being approximately 3 to 4 ft deep.

A capacitor that was removed from the waste disposal area was located near trench A3, where the most elevated PCB concentrations were noted. This capacitor, which was located near the headwall of the drainage ditch, was partially buried in debris and soils. Whereas the aluminum packets inside the capacitor shell still had oily residue covering their surface, no free liquid was encountered. Aged staining on the outside of the capacitor indicated the release occurred well before this removal. The capacitor was transferred to the NSA Crane TSCA storage facility for disposal. A transformer was also found in the drainage ditch but was determined not to contain PCBs. This item was transferred to NSA Crane for recycling and disposal. Pit B4, located west of Pit A3, is the terminating point for debris burial on the western side of the Dump/Fill Area.

PCB concentrations for the Test Pit A3 soils are presented in Table 3 and on Figure 15. Soil PCB concentrations in Test Pit B5, located west of Pit A3 were greater than 1 mg/kg but no debris was found

in Pit B5. The most contaminated interval of Test Pit B5 was the 3 to 4 foot interval (refusal was encountered at 3.5 ft bgs). Because no debris was found in this pit, the detection of PCBs seemed anomalous. The potential for having cross-contaminated this pit was considered, as the most contaminated pit, A3, had been excavated prior to Test Pit B4. After reviewing field notes and test pitting activities, however, no assignable cause was identified for the anomaly and the measured PCB concentrations are considered to be representative of site conditions. This was later supported by soil boring data from July 2012 that indicate the presence of generally high PCB concentrations in soil from Pit A3 westward to Pit B5.

2.1.4 Investigation-Derived Waste Management

At the time of excavation, the Dump/Fill Area storage yard operator was actively engaged in removing old utility poles that were considered to be potential sources of PCBs (from transformer leaks), polycyclic aromatic hydrocarbons (PAHs), phenols, and other chemicals (used for wood preservation). This provided an opportunity for ready disposal of investigation-derived waste and metal reclamation; therefore, several telephone pole remnants and a limited amount of other debris were removed from the head of the Northwest Ditch. This removal reduced the potential continuing sources of contamination to less than 50 mg/kg, improved the appearance of the area, and facilitated access to pit locations. The removed remnants were placed in roll-off boxes for removal of creosote-treated lumber. Additionally, a mercury vapor bulb and lead-encased conductors were discovered. Some additional waste metal was removed and after brushing off any attached soil, all metal objects were disposed of in a metal reclamation box. Concrete elements (pole bases, construction rubble, etc.) were used to line the upper portion of the drainage gully to support erosion control. Plastic sheets used as soil cover during test pitting were temporarily stored in 55-gallon drums on site. Upon verbal consultation with the EPA Region 5 Administrator, these drums and their contents were discarded as municipal waste in accordance with 40 CFR 760.61 (a)(5)(v)(A). One drum containing an old fluorescent light ballast and capacitor that had evidently leaked a long time ago, was disposed as waste containing greater than 500 mg/kg PCBs by weight.

One transformer, labeled as follows, was discovered in the surface debris at the head of the Northwest Ditch.

Type: PTOM Potential Transformer
Serial #: 63M1230
Style: 249A616G05

Upon investigation it was determined that the transformer was an encapsulated rubber cast potential transformer and did not contain PCBs or other liquids. This transformer was designated for recycling or municipal waste disposal.

2.2 DOCUMENTATION

All samples were field documented in accordance with the procedures described in QAPP Addendum No. 4 (Tetra Tech, 2008) and the Technical Memorandum for sampling to support prescriptive remediation. All laboratory data have been validated. The laboratory data packages and validation reports are on file in the Tetra Tech NSA Crane SWMU 17 Project files. Validation qualifiers that were assigned during data validation are presented in this report. The waste manifest for the drum disposed as waste with greater than 500 mg/kg PCBs is provided in Appendix G.

Some scheduled samples were not collected, either because refusal was encountered before attaining the scheduled depth, or the samples were not needed to delineate contamination. Consequently, the sample number sequences exhibit gaps in the otherwise sequentially numbered sampling locations, but all collected samples are accounted for in the data tables of this report.

3.0 DATA PRESENTATION

3.1 DATA QUALITY

Samples collection completeness was 100 percent. Samples that were deliberately not collected were not counted in this tally. One hundred percent of PCB results were determined to be usable for delineating contamination. A small number of non-PCB results were rejected because of laboratory quality deficiencies but the impact to the project is negligible, especially because this investigation focused on PCB delineation. In 2006, Aroclor results for three samples were rejected; otherwise the rejected results were chemicals not expected to be site-related contaminants. The percentage of 2012 analytical results that were acceptable was greater than 97 percent for all analytical fractions in all environmental media -- except VOCs in surface water, which was 92.9 percent. The chemicals for which results were rejected in 2012 were 2-butanone, 4-nitroquinoline-1-oxide, acetone, acetonitrile, isobutanol, acrolein, and propionitrile. These chemicals are not expected to be site-related contaminants. Results generated prior to 2012 that are presented in this report are also usable for the purpose of delineating PCB contamination. Field parameters, which had a completeness of 100 percent, are not included in these completeness tallies. Field duplicate samples also were not counted in completeness tallies but the acceptance rate for field duplicate results was noted to be similar to the acceptance rate for normal sample results. Table 4 presents a summary of data completeness based on acceptable results compared to total number of results generated for each sample matrix and analytical fraction for the period prior to 2012 and for 2012.

To expedite delineation of PCB contamination at SWMU 17, the 2012 data used to delineate PCB concentrations were the preliminary data as obtained from the laboratory prior to undergoing data validation. Upon validation, it was confirmed that all preliminary data were acceptable for delineating contamination. There is one difference between validated and unvalidated data, however, that should be considered when reviewing data tables. When reporting preliminary non-detect concentrations for total PCBs the laboratory generally reported the method detection limit (MDL) rather than the limit of detection (LOD). This difference in reporting had no consequence for delineating the contamination because the MDL and LOD are much less than the lowest delineation limit of 1 mg/kg. Figures in this report indicate "ND" for non-detect values, regardless of whether the MDL or LOD was reported, so this difference is not evident when reviewing figures. Data tables, however, may exhibit slightly different values for non-detects, depending on when the tables were produced. For example, Table 3 presents preliminary data and corresponds to the data table in the Interim Measures Work Plan, which has been produced separately. Tables 5 through 21 present validated data, therefore, the non-detect values (i.e., values with

a "U" or "UJ" flag after the result) in these tables may have numerical values that are about two times the unvalidated numerical values.

3.2 RESULTS

Tables 5 and 6 present frequencies of detection and other statistics to provide an overall summary of the data for pre-2012 data and data collected in 2012, respectively.

Tables 7 through 13, which are provided on CD only, contain the following information:

- Table 7 – Results for all PCB parameters detected in at least one soil sample
- Table 8 – Results for all PCB parameters detected in at least one sediment sample
- Table 9 – Results for all PCB parameters detected in at least one surface water sample
- Table 10 – Validated Results for all non-PCB parameters detected in at least one soil sample
- Table 11 – Validated Results for all non-PCB parameters detected in at least one sediment sample
- Table 12 – Validated Results for all non-PCB parameters detected in at least one groundwater sample
- Table 13 – Validated Results for all non-PCB parameters detected in at least one surface water sample

Tables 14 through 21, also provided on CD only, present all validated results for PCBs and non-PCB parameters in all of the sampled environmental media at SWMU 17 and their contents are as follows:

- Table 14 – All Validated Results for PCB parameters in soil samples
- Table 15 – All Validated Results for PCB parameters in sediment samples
- Table 16 – All Validated Results for PCB parameters in groundwater samples
- Table 17 – All Validated Results for PCB parameters in surface water samples
- Table 18 – All Validated Results for non-PCB parameters in soil samples
- Table 19 – All Validated Results for non-PCB parameters in sediment samples
- Table 20 – All Validated Results for non-PCB parameters in groundwater samples
- Table 21 – All Validated Results for non-PCB parameters in surface water samples

No PCBs have been detected in groundwater but they are present in soil and sediment at many locations within and down gradient of SWMU 17. PCBs also were detected in two surface water samples at locations 17SW124 (1.22 µg/L) and 17SW126 (3.08 µg/L). Figures 4 through 18 display soil and

sediment total PCB analysis results from the current investigation and previous investigations. These figures use color coding and data tags to identify the locations and depths of soil and sediment samples that exceed the total PCB cleanup goal of 1 mg/kg and the TSCA limit of 50 mg/kg. Sampling location symbols are color coded as indicated on individual figures to indicate the level of PCB contamination. On some figures, locations coded orange or red show the total PCB concentration at each sampled depth; if the color is green, the total PCB concentration are less than or equal to 1 mg/kg at all sampled depths, and individual results are not shown.

If soil or sediment from a previous investigation has already been excavated and removed from SMWU 17, the associated PCB concentrations are not presented on figures, thus emphasizing current site conditions.

Table 12 shows that five non-PCB parameters were detected in groundwater at SWMU 17 in 2006 but their concentrations were relatively low compared to typical risk-based screening values (not shown). Several PAHs have been detected in soil or sediment samples. These chemicals are generally present in petroleum based oils and may be present at SWMU 17 because of petroleum based fuel combustion from local vehicular traffic. Chlorinated benzenes, in particular 1,2,4-trichlorobenzene and 1,2,4,5-tetrachlorobenzene, were detected in two soil samples (17SB4060204 and 17SB4160204). These samples exhibited a strong organic odor, which is why the samples were analyzed for VOCs and SVOCs in addition to PCBs. The primary or perhaps the only source of PCBs at SWMU 17 is believed to have been electrical transformer dielectric fluids released to the environment. Chlorinated benzenes, which represent a range of volatile compounds, are known components of PCB-based dielectric fluids.

In 2012, PAHs, PCBs, and pentachlorophenol were detected in one surface water sample and Aroclors were detected in two surface water samples (see Table 13). These samples were turbid and the presence of PAHs and PCBs in these samples is attributed primarily to the presence of suspended solids that tend to adsorb the PAHs and PCBs. Pentachlorophenol, which is used in wood preservatives, is more soluble than PAHs and PCBs and its presence may be attributable to telephone poles that are stored near Building 357. Surface water and sediment sampling location 17SW/SD124 where pentachlorophenol was detected in surface water is located approximately 150 downgradient of the telephone pole storage racks between Building 357 and the SWMU 17 access road. PCB contamination was previously reported in the sediment of Ditch 2 but the reported location of contamination (17SW/SD011) was mislabeled and is actually soil sampling location. This location is situated immediately above the bold "4C 0-2.5 ft" label toward the center of Figure 18. Ditch 2 sediment does not contain PCB concentrations greater than 1 mg/kg.

Data for non-PCB parameters are not plotted on figures because the focus of this investigation was delineation of total PCB contamination. The extent of PCB contamination greater than 1 mg/kg is shown in Figure 2 and Figures 7 through 18 as shaded areas, orange single-hatched polygons, or red cross-hatched polygons representing areas of soil or sediment contamination designated for excavation. Red cross-hatched polygons exceed the TSCA limit of 50 mg/kg; orange single-hatched polygons have total PCB concentrations between 1 and 50 mg/kg. The pink shaded areas of streams and ditches signify that the entire width of the stream or ditch bottom is considered to have contamination greater than 1 mg/kg for the length of stream indicated by the pink shading. Consideration was given to the potential movement of stream and ditch bottom sediments when designating the extent of contamination. Except for minor overland flow potential, soil movement was not considered when delineating the extent of soil contamination. In the stream floodplains, topographic elevations and nearby PCB concentrations were used as indicators of the maximum potential vertical and lateral movement of PCB contamination. For example, if a location above a particular elevation contained less than 1 mg/kg PCBs, all soil above that elevation in the same general area was considered to have PCB concentration less than 1 mg/kg. On Figure 10 there are four circular areas. PCB contamination within these circular areas is assumed to extend to bedrock for a distance of 10 ft in all directions from soil boring at the center of each circle.

3.3 CONCLUSIONS AND RECOMMENDATIONS

Figure 2 and Figures 7 through 18 show the PCB contamination delineation boundaries for various stream segments, ditches, floodplains, and building areas of SWMU 17. These color coded figures show the delineation of PCB contamination is complete enough to support prescriptive remediation throughout SMWU 17, with minimal additional delineation or verification sampling. With few exceptions, the outermost and deepest samples of the sampling patterns of various areas have PCB concentrations less than or equal to 1 mg/kg, regardless of the PCB concentration in shallower samples or samples in the interior of the sampling pattern. The few exceptions are locations where the PCB concentration exceeds 1 mg/kg by a very small margin or other samples show that contamination at the edge of the sampling pattern is limited in extent due to significant rises in elevation that prevent the contamination from extending further in that direction. Therefore the Interim Measures should be conducted to remove soil and sediment PCB contamination greater than 1 mg/kg. The concentrations of non-PCB contaminants, which are effectively collocated with PCB contamination, are expected to decrease substantially after removal of PCB-contaminated soil and sediment.

REFERENCES

Tetra Tech NUS, Inc. (Tetra Tech), 2001. Quality Assurance Project Plan for PCB Capacitor Burial/Pole Yard Solid Waste Management Unit (SWMU) 17, Resource Conservation and Recovery Act Facility Investigation and Verification. December.

Tetra Tech, 2002. Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) for PCB Capacitor Burial/Pole Yard, Solid Waste Management Unit (SWMU) 17, Naval Surface Warfare Center, Crane, Crane, Indiana. August.

Tetra Tech, 2005. Quality Assurance Project Plan Addendum for PCB Capacitor Burial/Pole Yard Solid Waste Management Unit (SWMU) 17/04, Resource Conservation and Recovery Act Facility Investigation and Verification of Removal, Naval Surface Warfare Center Crane, Crane, Indiana. June.

Tetra Tech, 2006a. Quality Assurance Project Plan Addendum 2 for PCB Capacitor Burial/Pole Yard SWMU 17, Naval Surface Warfare Center Crane, Crane, Indiana, April.

Tetra Tech, 2006b. Quality Assurance Project Plan Addendum 3 for Building 2721 Investigation (Phase 4) PCB Capacitor Burial/Pole Yard SWMU 17, Naval Surface Warfare Center Crane, Crane, Indiana, September.

Tetra Tech, 2008. Quality Assurance Project Plan Addendum No. 4 for PCB Capacitor Burial/Pole Yard Building 2721 Investigation (Phase 5) SWMU 17, Naval Surface Warfare Center Crane, Crane, Indiana. August.

Tetra Tech, 2010. Field Investigation Report for SWMU 17 - Boggs Creek Naval Support Activity Crane, Crane, Indiana, September

Tetra Tech, 2011. Interim Measures Work Plan for SWMU 17 - PCB Capacitor Burial/Pole Yard Floodplains, Ditches, and Streams Naval Support Activity Crane, Indiana, June.

Tetra Tech, 2012. Technical Memorandum Prescriptive Remediation Sampling and Analysis for SWMU 17 - PCB Capacitor Burial/Pole Yard, Naval Support Activity, Crane, Indiana, April.

TolTest (TolTest Incorporated), 2004. Interim Measures Report, PCB Capacitor Burial Pole Yard Remediation, NSWC Crane, Crane, Indiana, November.

TABLES

(TABLE 7 THRU 21 ON CD)

TABLE 1

OVERALL SAMPLING AND ANALYSIS SUMMARY
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE, INDIANA

	Number of Samples [1]								
Sampling Year	Field Parameters [2]	Total Organic Carbon	Total Solids	Semivolatile Organic Compounds	Diesel Range Organics	Volatile Organic Compounds	Gasoline Range Organics	Total Polychlorinated Biphenyls	Petroleum Hydrocarbons
2001	--	--	--	--	--	--	--	30	--
2002	--	--	--	--	--	--	--	97	--
2003	--	--	--	--	--	--	--	132	--
2005	2	0	0	0	0	0	0	24	--
2006	--	11	11	50	2	51	51	128	48
2008	--	--	--	--	--	--	--	49	--
2011	--	--	--	--	--	--	--	75	--
2012	--	--	--	8	--	8		789	--

1 Sample counts are for various environmental media, depending on year of sampling. Only years in which sampling occurred are listed.

2 Field Parameters = Dissolved oxygen, pH, oxidation-reduction potential, specific conductance, temperature, and turbidity.

TABLE 2

YEAR 2012 SAMPLING AND ANALYSIS SUMMARY
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE, INDIANA

			Number of Samples		
Field Event	Sample Collection Dates	Applicable FTMR Date(s)	Total Polychlorinated Biphenyls	Semivolatile Organic Compounds	Volatile Organic Compounds
4/19/2012 - 5/2/2012	4/23/2012 - 5/01/2012	4/25/2012 to 5/2/2012	225 (1)	6 (1)	6 (1)
5/7/2012 -5/12/2-12	5/8/2012 - 5/11/2012	NA	117	--	--
5/22/2012 - 5/24/2012	5/22/2012 - 5/24/2012	NA	76	--	--
6/6/2012 - 6/8/2012	6/6/2012	NA	12	--	--
6/15/2012	6/15/2012	NA	9	--	--
6/25/2012 - 6/29/2012	6/26/2012 - 6/29/2012	6/22/2012, 6/25/2012, 6/26/2012	175	--	--
7/30/2012 - 8/1/2012	7/31/2012	7/26/2012	12	--	--
8/6/2012 - 8/10/2102	8/07/2012 - 8/10/2012	8/3/2012, 8/7/2012	96	2	2
8/27/2012- 8/29/2012	8/28/2012	8/23/2012Rev.1 (2)	40	--	--
9/18/2012	9/18/2012	9/14/2012	3	--	--
9/28/2012 - 10/02/2012	10/2/2012	9/28/2012	24	--	--

1 Sample counts include four sediment and two surface water samples.
2 The original version of FTMR dated 8/23/2012 was issued as a draft but never became final; only FTMR 8/23/2012 Revision 1 was issued.

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
10/02/2003	Soil	4A-5	17EW-B-008	NA	17EW-B-008	0202	feet	15	2.6	MG/KG
10/06/2003	Soil	4A-5	17EW-B-017	17SB392	17EW-B-017	0202	feet	15	3.5	MG/KG
08/08/2012	Soil	4A-5	17EW-B-017	17SB392	17SB3920304	0304	feet	15	0.0023 J	MG/KG
10/10/2003	Soil	NA	17EW-B-024	NA	17EW-B-024	0202	feet	15	0.098	MG/KG
10/10/2003	Soil	4A-3	17EW-B-025	NA	17EW-B-025	0202	feet	15	13	MG/KG
10/23/2003	Soil	4B-1	17EW-C-099	17SB386	17EW-C-099	0202	feet	17	29	MG/KG
08/08/2012	Soil	4B-1	17EW-C-099	17SB386	17SB3860304	0304	feet	17	0.00243 U	MG/KG
10/23/2003	Soil	4B-1	17EW-C-100	NA	17EW-C-100	0202	feet	17	11	MG/KG
10/10/2003	Soil	4C	17EW-D-033	NA	17EW-D-033	0303	feet	18	14	MG/KG
10/21/2003	Soil	4C	17EW-D-049	NA	17EW-D-049	0202	feet	18	6	MG/KG
10/23/2003	Soil	4C	17EW-D-105	NA	17EW-D-105	0202	feet	18	1.4	MG/KG
10/10/2003	Soil	NA	17EW-E-028	17SB226	17EW-E-028	0202	feet	15	5.9	MG/KG
08/20/2003	Soil	4A-6	17EWPIT30002	NA	17EWPIT30002	0001	feet	7, 15	41	MG/KG
10/21/2003	Soil	NA	17FL-A-050	NA	17FL-A-050	0101	feet	7	0.099	MG/KG
10/21/2003	Soil	NA	17FL-A-051	NA	17FL-A-051	0202	feet	7	0.018	MG/KG
10/02/2003	Soil	4A-5	17FL-B-001	NA	17FL-B-001	0202	feet	15	0.4	MG/KG
10/02/2003	Soil	4A-5	17FL-B-002	17SB394	17FL-B-002	0202	feet	15	1.4	MG/KG
08/08/2012	Soil	4A-5	17FL-B-002	17SB394	17SB3940304	0304	feet	15	0.0126 U	MG/KG
10/02/2003	Soil	4A-5	17FL-B-003	NA	17FL-B-003	0202	feet	15	1.8	MG/KG
10/02/2003	Soil	4A-5, 4A-10	17FL-B-004	NA	17FL-B-004	0202	feet	15	1.7	MG/KG
10/02/2003	Soil	4A-5	17FL-B-005	17SB457	17FL-B-005	0202	feet	15	8.4	MG/KG
10/02/2003	Soil	4A-5	17FL-B-006	NA	17FL-B-006	0202	feet	15	2.7	MG/KG
10/02/2003	Soil	4A-4, 4A-5	17FL-B-007	NA	17FL-B-007	0202	feet	15	5.3	MG/KG
10/06/2003	Soil	4A-10	17FL-B-009	NA	17FL-B-009	0202	feet	15	81	MG/KG
10/06/2003	Soil	4A-10	17FL-B-010	NA	17FL-B-010	0202	feet	15	55	MG/KG
10/06/2003	Soil	4A-4	17FL-B-011	NA	17FL-B-011	0202	feet	15	8.8	MG/KG
10/06/2003	Soil	4A-3	17FL-B-012	NA	17FL-B-012	0202	feet	15	6	MG/KG
10/06/2003	Soil	4A-5	17FL-B-013	NA	17FL-B-013	0202	feet	15	0.18	MG/KG
10/06/2003	Soil	4A-5, 4A-10	17FL-B-014	17SB393	17FL-B-014	0202	feet	15	7	MG/KG
08/08/2012	Soil	4A-5, 4A-10	17FL-B-014	17SB393	17SB3930304	0304	feet	15	0.00246 U	MG/KG
10/02/2012	Soil	4A-5, 4A-10	17FL-B-014	17SB393	17SB3930406	0406	feet	15	0.0131	MG/KG
10/02/2012	Soil	4A-5, 4A-10	17FL-B-014	17SB393	17SB3930607	0607	feet	15	0.00244 U	MG/KG
10/06/2003	Soil	4A-5	17FL-B-015	NA	17FL-B-015	0202	feet	15	3.3	MG/KG
10/06/2003	Soil	4A-5	17FL-B-016	NA	17FL-B-016	0202	feet	15	3	MG/KG
10/10/2003	Soil	4A-5	17FL-B-018	17SB391	17FL-B-018	0202	feet	15	15	MG/KG
08/08/2012	Soil	4A-5	17FL-B-018	17SB391	17SB3910304	0304	feet	15	0.00383	MG/KG
10/10/2003	Soil	4A-5	17FL-B-019	NA	17FL-B-019	0202	feet	15	1.2	MG/KG
10/10/2003	Soil	4A-5, 4A-10	17FL-B-020	NA	17FL-B-020	0202	feet	15	0.89	MG/KG
10/10/2003	Soil	NA	17FL-B-021	NA	17FL-B-021	0202	feet	15	0.95	MG/KG
10/10/2003	Soil	NA	17FL-B-022	NA	17FL-B-022	0202	feet	15	0.049	MG/KG
10/10/2003	Soil	NA	17FL-B-023	NA	17FL-B-023	0202	feet	15	0.042	MG/KG
10/22/2003	Soil	4B-1	17FL-C-052	NA	17FL-C-052	0202	feet	17	0.078	MG/KG
10/22/2003	Soil	4B-1	17FL-C-053	NA	17FL-C-053	0202	feet	17	0.49	MG/KG
10/22/2003	Soil	4B-1	17FL-C-054	NA	17FL-C-054	0202	feet	17	0.44	MG/KG
10/22/2003	Soil	4B-1	17FL-C-055	NA	17FL-C-055	0202	feet	17	1.2	MG/KG
10/22/2003	Soil	4B-1	17FL-C-056	NA	17FL-C-056	0202	feet	17	3	MG/KG
10/22/2003	Soil	4B-1	17FL-C-057	NA	17FL-C-057	0202	feet	17	0.37	MG/KG
10/22/2003	Soil	4B-1	17FL-C-058	NA	17FL-C-058	0202	feet	17	2.3	MG/KG
10/22/2003	Soil	4B-1	17FL-C-059	NA	17FL-C-059	0202	feet	17	3.1	MG/KG
10/22/2003	Soil	4B-1	17FL-C-060	NA	17FL-C-060	0202	feet	17	4	MG/KG
10/22/2003	Soil	4B-1	17FL-C-061	NA	17FL-C-061	0202	feet	17	1.3	MG/KG
10/22/2003	Soil	4B-1	17FL-C-062	NA	17FL-C-062	0202	feet	17	1.4	MG/KG
10/22/2003	Soil	4B-1	17FL-C-063	17SB389	17FL-C-063	0303	feet	17	19	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
08/08/2012	Soil	4B-1	17FL-C-063	17SB389	17SB3890304	0304	feet	17	0.00255 U	MG/KG
10/22/2003	Soil	4B-1	17FL-C-064	NA	17FL-C-064	0303	feet	17	10	MG/KG
10/22/2003	Soil	4B-1	17FL-C-065	NA	17FL-C-065	0303	feet	17	7	MG/KG
10/22/2003	Soil	4B-1	17FL-C-066	NA	17FL-C-066	0202	feet	17	3.1	MG/KG
10/22/2003	Soil	4B-1	17FL-C-067	NA	17FL-C-067	0202	feet	17	4	MG/KG
10/22/2003	Soil	4B-1	17FL-C-068	NA	17FL-C-068	0202	feet	17	1.9	MG/KG
10/22/2003	Soil	4B-1	17FL-C-069	17SB195	17FL-C-069	0202	feet	17	27	MG/KG
08/07/2012	Soil	4B-1	17FL-C-069	17SB195	17SB3790304	0304	feet	17	0.719	MG/KG
10/22/2003	Soil	4B-1	17FL-C-070	17SB194	17FL-C-070	0202	feet	17	30	MG/KG
08/07/2012	Soil	4B-1	17FL-C-070	17SB194	17SB3780304	0304	feet	17	0.00379 U	MG/KG
10/22/2003	Soil	4B-1	17FL-C-071	NA	17FL-C-071	0202	feet	17	1.9	MG/KG
10/22/2003	Soil	4B-1	17FL-C-072	17SB390	17FL-C-072	0303	feet	17	26	MG/KG
08/08/2012	Soil	4B-1	17FL-C-072	17SB390	17SB3900304	0304	feet	17	0.00235 U	MG/KG
10/22/2003	Soil	4B-1	17FL-C-073	NA	17FL-C-073	0303	feet	17	72	MG/KG
10/22/2003	Soil	4B-1	17FL-C-074	17SB388	17FL-C-074	0303	feet	17	21	MG/KG
08/08/2012	Soil	4B-1	17FL-C-074	17SB388	17SB3880304	0304	feet	17	0.00248 U	MG/KG
10/22/2003	Soil	4B-1	17FL-C-075	NA	17FL-C-075	0303	feet	17	7.5	MG/KG
10/23/2003	Soil	4B-1	17FL-C-076	NA	17FL-C-076	0202	feet	17	3.4	MG/KG
10/23/2003	Soil	4B-1, 4B-2	17FL-C-077	17SB454	17FL-C-077	0202	feet	17	4.4	MG/KG
10/23/2003	Soil	4B-1	17FL-C-078	17SB385	17FL-C-078	0202	feet	17	1.7	MG/KG
08/08/2012	Soil	4B-1	17FL-C-078	17SB385	17SB3850304	0304	feet	17	0.00953 J	MG/KG
10/23/2003	Soil	4B-2	17FL-C-079	17SB384	17FL-C-079	0202	feet	17	22	MG/KG
08/08/2012	Soil	4B-2	17FL-C-079	17SB384	17SB3840304	0304	feet	17	1.26	MG/KG
10/23/2003	Soil	4B-1, 4B-2	17FL-C-080	17SB453	17FL-C-080	0202	feet	17	15	MG/KG
10/23/2003	Soil	4B-1	17FL-C-081	NA	17FL-C-081	0202	feet	17	15	MG/KG
10/23/2003	Soil	4B-1	17FL-C-082	17SB380	17FL-C-082	0202	feet	17	23	MG/KG
08/07/2012	Soil	4B-1	17FL-C-082	17SB380	17SB3800304	0304	feet	17	0.0918	MG/KG
10/23/2003	Soil	4B-1	17FL-C-083	NA	17FL-C-083	0202	feet	17	12	MG/KG
10/23/2003	Soil	4B-1	17FL-C-084	17SB377	17FL-C-084	0202	feet	17	22	MG/KG
08/07/2012	Soil	4B-1	17FL-C-084	17SB377	17SB3770304	0304	feet	17	0.00263 U	MG/KG
10/23/2003	Soil	4B-1	17FL-C-085	NA	17FL-C-085	0202	feet	17	1.2	MG/KG
10/23/2003	Soil	4B-1	17FL-C-086	17SB376	17FL-C-086	0202	feet	17	4.6	MG/KG
08/07/2012	Soil	4B-1	17FL-C-086	17SB376	17SB3760304	0304	feet	17	0.817	MG/KG
10/23/2003	Soil	4B-1	17FL-C-087	NA	17FL-C-087	0202	feet	17	1.9	MG/KG
10/23/2003	Soil	4B-1	17FL-C-088	17SB381	17FL-C-088	0202	feet	17	23	MG/KG
08/07/2012	Soil	4B-1	17FL-C-088	17SB381	17SB3810304	0304	feet	17	0.00211 U	MG/KG
10/23/2003	Soil	4B-1	17FL-C-089	NA	17FL-C-089	0202	feet	17	16	MG/KG
10/23/2003	Soil	4B-1, 4B-2	17FL-C-090	17SB382	17FL-C-090	0202	feet	17	25	MG/KG
08/07/2012	Soil	4B-1, 4B-2	17FL-C-090	17SB382	17SB3820304	0304	feet	17	0.00258 U	MG/KG
10/23/2003	Soil	4B-2	17FL-C-091	17SB383	17FL-C-091	0202	feet	17	24	MG/KG
08/08/2012	Soil	4B-2	17FL-C-091	17SB383	17SB3830304	0304	feet	17	0.00235 U	MG/KG
10/23/2003	Soil	4B-1, 4B-2	17FL-C-092	NA	17FL-C-092	0202	feet	17	6.8	MG/KG
10/23/2003	Soil	4B-1	17FL-C-093	NA	17FL-C-093	0202	feet	17	2.8	MG/KG
10/23/2003	Soil	4B-1	17FL-C-094	NA	17FL-C-094	0202	feet	17	4.3	MG/KG
10/23/2003	Soil	4B-50	17FL-C-095	NA	17FL-C-095	0202	feet	17	81	MG/KG
10/23/2003	Soil	4B-50	17FL-C-096	NA	17FL-C-096	0202	feet	17	58	MG/KG
10/23/2003	Soil	4B-50	17FL-C-097	NA	17FL-C-097	0202	feet	17	78	MG/KG
10/23/2003	Soil	4B-50	17FL-C-098	NA	17FL-C-098	0303	feet	17	55	MG/KG
10/10/2003	Soil	4C	17FL-D-029	17SB225, 17SB203	17FL-D-029	0303	feet	18	4.7	MG/KG
10/10/2003	Soil	4C	17FL-D-030	NA	17FL-D-030	0303	feet	18	0.89	MG/KG
10/10/2003	Soil	4C	17FL-D-031	NA	17FL-D-031	0303	feet	18	0.81	MG/KG
10/10/2003	Soil	4C	17FL-D-032	NA	17FL-D-032	0303	feet	18	0.89	MG/KG
10/10/2003	Soil	4C	17FL-D-034	17SB233	17FL-D-034	0303	feet	18	1.4	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area (1)	Sampling Location (2)	Sampling Location Alias (3)	Sample	Depth Interval (4)	Depth units	Figure Number (5)	Total PCB Result	Result Units
10/10/2003	Soil	4C	17FL-D-035	17SB216	17FL-D-035	0303	feet	18	2.1	MG/KG
10/10/2003	Soil	4C	17FL-D-036	17SB221	17FL-D-036	0303	feet	18	1.7	MG/KG
10/10/2003	Soil	4C	17FL-D-037	17SB224	17FL-D-037	0303	feet	18	17	MG/KG
10/21/2003	Soil	4C	17FL-D-038	NA	17FL-D-038	0202	feet	18	0.33	MG/KG
10/21/2003	Soil	4C	17FL-D-039	NA	17FL-D-039	0202	feet	18	0.46	MG/KG
10/21/2003	Soil	4C	17FL-D-040	17SB218	17FL-D-040	0202	feet	18	8	MG/KG
10/21/2003	Soil	4C	17FL-D-041	17SB220	17FL-D-041	0202	feet	18	2.4	MG/KG
10/21/2003	Soil	4C	17FL-D-042	17SB222	17FL-D-042	0202	feet	18	13	MG/KG
10/21/2003	Soil	4C	17FL-D-043	17SB223	17FL-D-043	0202	feet	18	1.8	MG/KG
10/21/2003	Soil	NA	17FL-D-044	NA	17FL-D-044	0202	feet	18	0.17	MG/KG
10/21/2003	Soil	4C	17FL-D-045	17SB215	17FL-D-045	0202	feet	18	3.9	MG/KG
10/21/2003	Soil	4C	17FL-D-046	17SB217	17FL-D-046	0202	feet	18	3.8	MG/KG
10/21/2003	Soil	4C	17FL-D-047	17SB219	17FL-D-047	0202	feet	18	12	MG/KG
10/21/2003	Soil	4C	17FL-D-048	NA	17FL-D-048	0202	feet	18	0.37	MG/KG
10/23/2003	Soil	4C	17FL-D-101	17SB214	17FL-D-101	0202	feet	18	1.6	MG/KG
10/23/2003	Soil	4C	17FL-D-102	NA	17FL-D-102	0202	feet	18	0.27	MG/KG
10/23/2003	Soil	4C	17FL-D-103	17SB212	17FL-D-103	0202	feet	18	2	MG/KG
10/23/2003	Soil	4C	17FL-D-104	17SB213	17FL-D-104	0202	feet	18	1.6	MG/KG
10/10/2003	Soil	NA	17FL-E-026	17SB228	17FL-E-026	0202	feet	15	1	MG/KG
10/10/2003	Soil	NA	17FL-E-027	17SB227	17FL-E-027	0202	feet	15	3.6	MG/KG
03/08/2002	Soil	NA	17SB001		17SS0010002	0002	feet	7	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB001		17SB0010204	0204	feet	7	0.00 U	MG/KG
08/07/2003	Soil	NW Ditch	17SB001T		17SS001	0002	feet	7	3.1	MG/KG
03/08/2002	Soil	NA	17SB002		17SS0020002	0002	feet	7	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB002		17SB0020204	0204	feet	7	0.00 U	MG/KG
08/07/2003	Soil	NW Ditch	17SB002T		17SS002	0002	feet	7	31	MG/KG
08/07/2003	Soil	NW Ditch	17SB002T		17SB002	0204	feet	7	2.2	MG/KG
03/10/2002	Soil	NA	17SB003		17SS0030002	0002	feet	7	0.00 U	MG/KG
03/10/2002	Soil	NA	17SB003		17SB0030204	0204	feet	7	0.00 U	MG/KG
08/07/2003	Soil	NW Ditch	17SB003T		17SS003	0002	feet	7	33	MG/KG
08/07/2003	Soil	NW Ditch	17SB003T		17SB003	0204	feet	7	12	MG/KG
03/10/2002	Soil	NA	17SB004		17SS0040002	0002	feet	7	0.00 U	MG/KG
03/10/2002	Soil	NA	17SB004		17SB0040204	0204	feet	7	0.00 U	MG/KG
08/07/2003	Soil	NW Ditch	17SB004T		17SS004	0002	feet	7	10	MG/KG
08/07/2003	Soil	NA	17SB004T		17SB004	0204	feet	7	4.4	MG/KG
03/08/2002	Soil	NA	17SB005		17SS0050002	0002	feet	7	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB005		17SB0050204	0204	feet	7	0.00 U	MG/KG
08/07/2003	Soil	NW Ditch	17SB005T		17SS005	0002	feet	7	15	MG/KG
08/07/2003	Soil	NW Ditch	17SB005T		17SB005	0204	feet	7	1.1	MG/KG
03/08/2002	Soil	NA	17SB006		17SS0060002	0002	feet	7	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB006		17SB0060204	0204	feet	7	0.00 U	MG/KG
12/08/2003	Soil	NA	17SB006T		17SS006	0002	feet	7	0.16	MG/KG
03/08/2002	Soil	NA	17SB007		17SS0070002	0002	feet	15, 16	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB007		17SB0070204	0204	feet	15, 16	0.00 U	MG/KG
10/02/2012	Soil	NA	17SB007		17SB0070406	0406	feet	15, 16	0.00676	MG/KG
10/02/2012	Soil	NA	17SB007		17SB0070608	0608	feet	15, 16	0.0291	MG/KG
10/02/2012	Soil	NA	17SB007		17SB0070810	0810	feet	15, 16	0.00248 U	MG/KG
12/08/2003	Soil	Na	17SB007T		17SS007	0002	feet	15, 16	0.74	MG/KG
03/08/2002	Soil	4A-5	17SB008		17SS0080002	0002	feet	15, 16	0.83	MG/KG
03/08/2002	Soil	4A-5	17SB008		17SB0080204	0204	feet	15, 16	0.00 U	MG/KG
10/02/2012	Soil	4A-5	17SB008		17SB0080406	0406	feet	15, 16	0.00279 U	MG/KG
10/02/2012	Soil	4A-5	17SB008		17SB0080608	0608	feet	15, 16	0.00265 U	MG/KG
10/02/2012	Soil	4A-5	17SB008		17SB0080809	0809	feet	15, 16	0.00238 U	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
12/08/2003	Soil	4B-3	17SB008T		17SS008	0002	feet	17	0.91	MG/KG
03/09/2002	Soil	NA	17SB009		17SS0090002	0002	feet	17	0.18	MG/KG
03/09/2002	Soil	NA	17SB009		17SB0090204	0204	feet	17	0.00 U	MG/KG
12/08/2003	Soil	**4B-3**	17SB009T		17SS009	0002	feet	17	31	MG/KG
03/08/2002	Soil	4B-1	17SB010		17SS0100002	0002	feet	17	0.00 U	MG/KG
03/08/2002	Soil	4B-1	17SB010		17SB0100204	0204	feet	17	0.00 U	MG/KG
03/09/2002	Soil	4B-1	17SB011		17SS0110002	0002	feet	17	0.00 U	MG/KG
03/09/2002	Soil	4B-1	17SB011		17SB0110204	0204	feet	17	0.00 U	MG/KG
03/09/2002	Soil	4B-1, 4B-2	17SB012		17SS0120002	0002	feet	17	0.00 U	MG/KG
03/09/2002	Soil	4B-1, 4B-2	17SB012		17SB0120204	0204	feet	17	0.00 U	MG/KG
03/09/2002	Soil	NA	17SB013		17SS0130002	0002	feet	17	0.82	MG/KG
03/09/2002	Soil	NA	17SB013		17SB0130204	0204	feet	17	0.2	MG/KG
03/09/2002	Soil	4B-50	17SB014		17SS0140002	0002	feet	17	0.00 U	MG/KG
03/09/2002	Soil	4B-50	17SB014		17SB0140204	0204	feet	17	0.69	MG/KG
03/10/2002	Soil	4C	17SB015		17SS0150002	0002	feet	18	0.00 U	MG/KG
03/10/2002	Soil	4C	17SB015		17SB0150204	0204	feet	18	0.00 U	MG/KG
03/10/2002	Soil	Na	17SB016		17SS0160002	0002	feet	17	0.17	MG/KG
03/10/2002	Soil	NA	17SB016		17SB0160204	0204	feet	17	0.00 U	MG/KG
03/10/2002	Soil	NA	17SB017		17SS0170002	0002	feet	17	0.00 U	MG/KG
03/10/2002	Soil	NA	17SB017		17SB0170204	0204	feet	17	0.00 U	MG/KG
03/10/2002	Soil	NA	17SB018		17SS0180002	0002	feet	17	0.00 U	MG/KG
03/10/2002	Soil	NA	17SB018		17SB0180204	0204	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB019		17SS0190002	0002	feet	7, 17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB019		17SB0190204	0204	feet	7, 17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB020		17SS0200002	0002	feet	7	0.32	MG/KG
03/08/2002	Soil	NA	17SB020		17SB0200204	0204	feet	7	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB021		17SS0210002	0002	feet	15	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB021		17SB0210204	0204	feet	15	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB022		17SS0220002	0002	feet	15, 16	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB022		17SB0220204	0204	feet	15, 16	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB023		17SS0230002	0002	feet	15, 16, 17	0.24	MG/KG
03/08/2002	Soil	NA	17SB023		17SB0230204	0204	feet	15, 16, 17	0.00 U	MG/KG
03/09/2002	Soil	NA	17SB024		17SS0240002	0002	feet	15, 16, 17	0.44	MG/KG
03/09/2002	Soil	NA	17SB024		17SB0240204	0204	feet	15, 16, 17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB025		17SS0250002	0002	feet	15, 16, 17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB025		17SB0250204	0204	feet	15, 16, 17	0.00 U	MG/KG
03/09/2002	Soil	NA	17SB026		17SS0260002	0002	feet	17	0.6	MG/KG
03/09/2002	Soil	NA	17SB026		17SB0260204	0204	feet	17	0.33	MG/KG
03/08/2002	Soil	NA	17SB027		17SS0270002	0002	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB027		17SB0270204	0204	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB028		17SS0280002	0002	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB028		17SB0280204	0204	feet	17	0.00 U	MG/KG
03/09/2002	Soil	NA	17SB029		17SS0290002	0002	feet	17	0.00 U	MG/KG
03/09/2002	Soil	NA	17SB029		17SB0290204	0204	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB030		17SS0300002	0002	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB030		17SB0300204	0204	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB031		17SS0310002	0002	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB031		17SB0310204	0204	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB032		17SS0320002	0002	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB032		17SB0320204	0204	feet	17	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB033		17SS0330002	0002	feet	7	0.89	MG/KG
03/08/2002	Soil	NA	17SB033		17SB0330204	0204	feet	7	0.00 U	MG/KG
03/10/2002	Soil	4A-8	17SB034		17SS0340002	0002	feet	7, 15, 16	0.00 U	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
03/10/2002	Soil	4A-8	17SB034		17SB0340204	0204	feet	7, 15, 16	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB035		17SS0350002	0002	feet	7, 15	0.00 U	MG/KG
03/08/2002	Soil	NA	17SB035		17SB0350204	0204	feet	7, 15	0.00 U	MG/KG
03/09/2002	Soil	NA	17SB036		17SS0360002	0002	feet	15, 16	0.00 U	MG/KG
03/09/2002	Soil	NA	17SB036		17SB0360204	0204	feet	15, 16	0.00 U	MG/KG
03/09/2002	Soil	4A-4	17SB037		17SS0370002	0002	feet	15, 16	0.00 U	MG/KG
03/09/2002	Soil	4A-4	17SB037		17SB0370204	0204	feet	15, 16	0.43	MG/KG
03/08/2002	Soil	4A-5	17SB038		17SS0380002	0002	feet	4, 15, 16	0.00 U	MG/KG
03/08/2002	Soil	4A-5	17SB038		17SB0380204	0204	feet	4, 15, 16	1.6	MG/KG
03/09/2002	Soil	4A-5	17SB039		17SS0390002	0002	feet	4, 15, 16	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB039		17SB0390204	0204	feet	4, 15, 16	0.00 U	MG/KG
10/02/2012	Soil	4A-5	17SB039		17SB0390406	0406	feet	4, 15, 16	0.00239 U	MG/KG
03/09/2002	Soil	4A-5	17SB040		17SS0400002	0002	feet	15, 16	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB040		17SB0400204	0204	feet	15, 16	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB041		17SS0410002	0002	feet	15, 16	0.00 U	MG/KG
03/09/2002	Soil	4A-5	17SB041		17SB0410204	0204	feet	15, 16	0.00 U	MG/KG
03/08/2002	Soil	4B-1	17SB042		17SS0420002	0002	feet	17	0.00 U	MG/KG
03/08/2002	Soil	4B-1	17SB042		17SB0420204	0204	feet	17	0.00 U	MG/KG
03/09/2002	Soil	4B-1	17SB043		17SS0430002	0002	feet	17	0.00 U	MG/KG
03/09/2002	Soil	4B-1	17SB043		17SB0430204	0204	feet	17	0.00 U	MG/KG
03/10/2002	Soil	4B-1	17SB044		17SS0440002	0002	feet	17	0.00 U	MG/KG
03/10/2002	Soil	4B-1	17SB044		17SB0440204	0204	feet	17	0.26	MG/KG
10/01/2005	Soil	4B-1	17SB045		17SS0450002	0002	feet	17	0.00 U	MG/KG
10/01/2005	Soil	4B-1	17SB045		17SB0450204	0204	feet	17	0.029	MG/KG
10/01/2005	Soil	4B-1	17SB046/TW01	17TW01	17SS0460002	0002	feet	4, 17	0.00 U	MG/KG
10/01/2005	Soil	4B-1	17SB046/TW01	17TW01	17SB0460204	0204	feet	4, 17	0.00 U	MG/KG
10/01/2005	Soil	4B-1, 4B-50	17SB047		17SS0470002	0002	feet	17	0.063	MG/KG
10/01/2005	Soil	4B-1, 4B-50	17SB047		17SB0470204	0204	feet	17	0.018	MG/KG
10/01/2005	Soil	4B-50	17SB048		17SS0480002	0002	feet	17	0.077	MG/KG
10/01/2005	Soil	4B-50	17SB048		17SB0480204	0204	feet	17	0.98	MG/KG
10/01/2005	Soil	4A-4, 4A-5, 4A-10	17SB049		17SS0490002	0002	feet	4, 15, 16	0.00 U	MG/KG
10/01/2005	Soil	4A-4, 4A-5, 4A-10	17SB049		17SB0490204	0204	feet	4, 15, 16	0.94	MG/KG
10/01/2005	Soil	4A-4, 4A-5, 4A-10	17SB049		17SB0490608	0608	feet	4, 15, 16	0.021	MG/KG
10/20/2006	Soil	NA	17SB050		17SS0500002	0002	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB050		17SB0500204	0204	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB050		17SB0501618	1618	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB051		17SS0510002	0002	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB051		17SB0510204	0204	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB051		17SB0511719	1719	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB052		17SS0520002	0002	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB052		17SB0520204	0204	feet	5, 14	0.00 U	MG/KG
10/09/2006	Soil	NA	17SB053		17SS0530001	0001	feet	5, 14	0.084	MG/KG
10/19/2006	Soil	NA	17SB053		17SB0530204	0204	feet	5, 14	0.00 U	MG/KG
10/19/2006	Soil	NA	17SB053		17SB0531820	018020	feet	5, 14	0.00 U	MG/KG
10/06/2006	Soil	NA	17SB054		17SS0540002	0002	feet	5, 14	0.2	MG/KG
10/06/2006	Soil	4D	17SB055		17SS0550002	0002	feet	5, 14	73	MG/KG
04/27/2012	Soil	4D	17SB055		17SB0550204	0204	feet	5, 14	0.352	MG/KG
10/20/2006	Soil	NA	17SB056		17SS0560002	0002	feet	5, 14	0.00 U	MG/KG
10/06/2006	Soil	NA	17SB057		17SS0570002	0002	feet	5, 14	0.083	MG/KG
10/06/2006	Soil	NA	17SB058		17SS0580002	0002	feet	5, 14	0.00 U	MG/KG
10/06/2006	Soil	NA	17SB059		17SS0590001	0001	feet	5, 14	0.00 U	MG/KG
10/09/2006	Soil	NA	17SB060		17SS0600001	0001	feet	5, 14	0.28	MG/KG
10/20/2006	Soil	NA	17SB060		17SB0600204	0204	feet	5, 14	0.54	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area (1)	Sampling Location (2)	Sampling Location Alias (3)	Sample	Depth Interval (4)	Depth units	Figure Number (5)	Total PCB Result	Result Units
10/20/2006	Soil	NA	17SB060		17SB0601719	017019	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB061		17SS0610002	0002	feet	5, 14	0.1	MG/KG
10/20/2006	Soil	NA	17SB061		17SB0610204	0204	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB061		17SB0611618	1618	feet	5, 14	0.00 U	MG/KG
10/09/2006	Soil	NA	17SB062/TW02	17TW02	17SS0620001	0001	feet	5, 14	0.047	MG/KG
10/19/2006	Soil	NA	17SB062/TW02	17TW02	17SB0620204	0204	feet	5, 14	0.00 U	MG/KG
10/19/2006	Soil	NA	17SB062/TW02	17TW02	17SB0621113	1113	feet	5, 14	0.00 U	MG/KG
10/06/2006	Soil	NA	17SB063		17SS0630002	0002	feet	5, 14	0.044	MG/KG
10/09/2006	Soil	NA	17SB064/TW03	17TW03	17SS0640001	0001	feet	5, 14	0.099	MG/KG
10/20/2006	Soil	NA	17SB064/TW03	17TW03	17SB0640204	0204	feet	5, 14	0.00 U	MG/KG
10/20/2006	Soil	NA	17SB064/TW03	17TW03	17SB0641315	1315	feet	5, 14	0.00 U	MG/KG
10/09/2006	Soil	NA	17SB065		17SS0650001	0001	feet	5, 14	0.1	MG/KG
10/19/2006	Soil	NA	17SB065		17SB0650204	0204	feet	5, 14	0.00 U	MG/KG
10/19/2006	Soil	NA	17SB065		17SB0651416	1416	feet	5, 14	0.00 U	MG/KG
10/09/2006	Soil	NA	17SB066		17SS0660001	0001	feet	5, 14	0.028	MG/KG
10/19/2006	Soil	NA	17SB066		17SB0660204	0204	feet	5, 14	0.00 U	MG/KG
10/19/2006	Soil	NA	17SB066		17SB0661416	1416	feet	5, 14	0.00 U	MG/KG
10/06/2006	Soil	NA	17SB067		17SS0670002	0002	feet	5, 14	0.00 U	MG/KG
10/06/2006	Soil	NA	17SB068		17SS0680002	0002	feet	5, 14	0.05	MG/KG
10/06/2006	Soil	NA	17SB069		17SS0690001	0001	feet	5, 14	0.18	MG/KG
10/09/2006	Soil	NA	17SB070/TW04	17TW04	17SS0700001	0001	feet	5, 14	0.00 U	MG/KG
10/24/2006	Soil	NA	17SB070/TW04	17TW04	17SB0700204	0204	feet	5, 14	0.00 U	MG/KG
10/24/2006	Soil	NA	17SB070/TW04	17TW04	17SB0700405	0405	feet	5, 14	0.00 U	MG/KG
10/09/2006	Soil	NA	17SB071		17SS0710001	0001	feet	5, 14	0.039	MG/KG
10/24/2006	Soil	NA	17SB071		17SB0710203	0203	feet	5, 14	0.00 U	MG/KG
10/09/2006	Soil	NA	17SB072		17SS0720001	0001	feet	5, 14	0.00 U	MG/KG
10/07/2006	Soil	3N	17SB075		17SS0750006	0000.5	feet	13	11	MG/KG
04/25/2012	Soil	3N	17SB075		17SS0750612	00.501	feet	13	2.57	MG/KG
04/25/2012	Soil	3N	17SB075		17SS0751218	0101.5	feet	13	9.08	MG/KG
10/07/2006	Soil	3M	17SB076		17SS0760006	0000.5	feet	13	1.6	MG/KG
04/24/2012	Soil	3M	17SB076		17SS0760612	00.501	feet	13	0.0208	MG/KG
10/07/2006	Soil	3J, Oxbow	17SB077		17SS0770006	0000.5	feet	13	2.3	MG/KG
10/07/2006	Soil	NA	17SB078		17SS0780006	0000.5	feet	12, 13	0.66	MG/KG
10/07/2006	Soil	NA	17SB079		17SS0790006	0000.5	feet	12	0.64	MG/KG
10/07/2006	Soil	NA	17SB080		17SS0800006	0000.5	feet	4, 11	0.85	MG/KG
10/07/2006	Soil	NA	17SB081		17SS0810006	0000.5	feet	10	0.14	MG/KG
10/07/2006	Soil	3E	17SB082		17SS0820006	0000.5	feet	10	14	MG/KG
04/23/2012	Soil	3E	17SB082		17SS0820612	00.501	feet	10	6.84	MG/KG
04/23/2012	Soil	3E	17SB082		17SS0821824	01.502	feet	10	0.0536	MG/KG
04/23/2012	Soil	3E	17SB082		17SS0821218	0101.5	feet	10	1.35	MG/KG
10/07/2006	Soil	NA	17SB083		17SS0830006	0000.5	feet	4, 7	0.032	MG/KG
10/07/2006	Soil	NA	17SB084		17SS0840006	0000.5	feet	4, 7	0.03	MG/KG
10/05/2006	Soil	3B	17SB085		17SS0850001	0001	feet	4, 9	4.3	MG/KG
04/29/2012	Soil	3B	17SB085		17SS0851824	01.502	feet	4, 9	0.119 J	MG/KG
04/29/2012	Soil	3B	17SB085		17SS0851218	0101.5	feet	4, 9	2.13	MG/KG
10/05/2006	Soil	NA	17SB086		17SS0860002	0002	feet	4, 9	0.026	MG/KG
01/20/2011	Soil	3N	17SB087		17SS0870006	0000.5	feet	13	0.111	MG/KG
01/20/2011	Soil	NA	17SB088		17SS0880006	0000.5	feet	13	0.04	MG/KG
01/20/2011	Soil	3N	17SB089		17SS0890006	0000.5	feet	4, 13	0.253	MG/KG
01/21/2011	Soil	3E	17SB090		17SS0900006	0000.5	feet	9, 10	4.19	MG/KG
01/21/2011	Soil	3E	17SB090		17SS0900612	00.501	feet	9, 10	11.7	MG/KG
04/23/2012	Soil	3E	17SB090		17SS0901824	01.502	feet	9, 10	2.51	MG/KG
04/23/2012	Soil	3E	17SB090		17SS0901218	0101.5	feet	9, 10	15.2	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
04/23/2012	Soil	3E	17SB090		17SB0902430	0202.5	feet	9, 10	0.484	MG/KG
01/21/2011	Soil	NA	17SB091		17SS0910006	0000.5	feet	9, 10	0.204	MG/KG
01/21/2011	Soil	3E	17SB092		17SS0920006	0000.5	feet	10	12.4	MG/KG
01/21/2011	Soil	3E	17SB092		17SS0920612	00.501	feet	10	1.8	MG/KG
04/23/2012	Soil	3E	17SB092		17SS0921824	01.502	feet	10	0.0284	MG/KG
04/23/2012	Soil	3E	17SB092		17SS0921218	0101.5	feet	10	0.29	MG/KG
01/21/2011	Soil	3E	17SB093		17SS0930006	0000.5	feet	10	0.798	MG/KG
01/21/2011	Soil	3E	17SB094		17SS0940006	0000.5	feet	10	2.28	MG/KG
01/21/2011	Soil	3E	17SB094		17SS0940612	00.501	feet	10	3.05	MG/KG
04/23/2012	Soil	3E	17SB094		17SS0941218	0101.5	feet	10	0.827	MG/KG
01/21/2011	Soil	3E	17SB095		17SS0950006	0000.5	feet	10	1.51	MG/KG
01/21/2011	Soil	3E	17SB095		17SS0950612	00.501	feet	10	0.498	MG/KG
01/21/2011	Soil	NA	17SB096		17SS0960006	0000.5	feet	10	0.818	MG/KG
01/21/2011	Soil	NA	17SB097		17SS0970006	0000.5	feet	10	0.265	MG/KG
01/21/2011	Soil	NA	17SB098		17SS0980006	0000.5	feet	10	0.0464	MG/KG
01/21/2011	Soil	NA	17SB099		17SS0990006	0000.5	feet	10	0.0522	MG/KG
01/21/2011	Soil	NA	17SB100		17SS1000006	0000.5	feet	10	0.886	MG/KG
01/21/2011	Soil	3D	17SB101		17SS1010006	0000.5	feet	10	2.04	MG/KG
01/21/2011	Soil	3D	17SB101		17SS1010612	00.501	feet	10	1.49	MG/KG
01/21/2011	Soil	3D	17SB102		17SS1020006	0000.5	feet	10	0.351	MG/KG
01/21/2011	Soil	NA	17SB103		17SS1030006	0000.5	feet	10	0.075	MG/KG
01/21/2011	Soil	3D	17SB104		17SS1040006	0000.5	feet	10	5.27	MG/KG
01/21/2011	Soil	3D	17SB104		17SS1040612	00.501	feet	10	1.77	MG/KG
01/21/2011	Soil	3D	17SB105		17SS1050006	0000.5	feet	10	9.27	MG/KG
01/21/2011	Soil	3D	17SB105		17SS1050612	00.501	feet	10	41.3	MG/KG
04/23/2012	Soil	3D	17SB105		17SS1051218	0101.5	feet	10	0.278 J	MG/KG
01/21/2011	Soil	3D	17SB106		17SS1060006	0000.5	feet	10	24.5	MG/KG
01/21/2011	Soil	3D	17SB106		17SS1060612	00.501	feet	10	8.2	MG/KG
04/24/2012	Soil	3D	17SB106		17SS1061218	0101.5	feet	10	0.0339	MG/KG
01/21/2011	Soil	3C	17SB107		17SS1070006	0000.5	feet	10	1.63	MG/KG
01/21/2011	Soil	3C	17SB107		17SS1070612	00.501	feet	10	0.375	MG/KG
01/21/2011	Soil	NA	17SB111		17SS1110006	0000.5	feet	9	0.0877	MG/KG
01/21/2011	Soil	NA	17SB112		17SS1120006	0000.5	feet	9	0.047	MG/KG
01/21/2011	Soil	NA	17SB113		17SS1130006	0000.5	feet	9	0.121	MG/KG
01/21/2011	Soil	NA	17SB114		17SS1140006	0000.5	feet	9	0.104	MG/KG
01/21/2011	Soil	3A-2	17SB115		17SS1150006	0000.5	feet	9	1.75	MG/KG
01/21/2011	Soil	3A-2	17SB115		17SS1150612	00.501	feet	9	1.19	MG/KG
04/23/2012	Soil	3A-2	17SB115		17SS1151218	0101.5	feet	9	0.00263 J	MG/KG
01/21/2011	Soil	3A-2	17SB116		17SS1160006	0000.5	feet	9	5.27	MG/KG
01/21/2011	Soil	3A-2	17SB116		17SS1160612	00.501	feet	9	3.65	MG/KG
04/29/2012	Soil	3A-2	17SB116		17SS1161218	0101.5	feet	9	0.0176	MG/KG
01/21/2011	Soil	3B	17SB117		17SS1170006	0000.5	feet	9	1.82	MG/KG
01/21/2011	Soil	3B	17SB117		17SS1170612	00.501	feet	9	2.38	MG/KG
04/28/2012	Soil	3B	17SB117		17SS1171824	01.502	feet	9	0.583	MG/KG
04/28/2012	Soil	3B	17SB117		17SS1171218	0101.5	feet	9	3.28	MG/KG
01/21/2011	Soil	3A-2	17SB118		17SS1180006	0000.5	feet	9	1.85	MG/KG
01/21/2011	Soil	3A-2	17SB118		17SS1180612	00.501	feet	9	3.73	MG/KG
04/28/2012	Soil	3A-2	17SB118		17SS1181824	01.502	feet	9	0.0372	MG/KG
04/28/2012	Soil	3A-2	17SB118		17SS1181218	0101.5	feet	9	4.01	MG/KG
01/21/2011	Soil	3B	17SB119		17SS1190006	0000.5	feet	9	4.83	MG/KG
01/21/2011	Soil	3B	17SB119		17SS1190612	00.501	feet	9	4.37	MG/KG
04/28/2012	Soil	3B	17SB119		17SS1191218	0101.5	feet	9	0.147	MG/KG
01/21/2011	Soil	3B	17SB120		17SS1200006	0000.5	feet	9	8.19	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
01/21/2011	Soil	3B	17SB120		17SS1200612	00.501	feet	9	5.51	MG/KG
04/29/2012	Soil	3B	17SB120		17SS1201218	0101.5	feet	9	0.119	MG/KG
01/21/2011	Soil	NA	17SB121		17SS1210006	0000.5	feet	9	0.0527	MG/KG
04/23/2012	Soil	3B	17SB122		17SS1220006	0000.5	feet	9	2.48	MG/KG
04/23/2012	Soil	3B	17SB122		17SS1220612	00.501	feet	9	3.62	MG/KG
04/23/2012	Soil	3B	17SB122		17SS1221824	01.502	feet	9	0.0653	MG/KG
04/23/2012	Soil	3B	17SB122		17SS1221218	0101.5	feet	9	5.62	MG/KG
04/28/2012	Soil	3B	17SB123		17SS1230006	0000.5	feet	9	0.668	MG/KG
04/28/2012	Soil	3B	17SB123		17SS1230612	00.501	feet	9	0.0914	MG/KG
04/23/2012	Soil	NA	17SB125		17SS1250006	0000.5	feet	9	0.416	MG/KG
04/23/2012	Soil	NA	17SB125		17SS1250612	00.501	feet	9	0.0351	MG/KG
04/28/2012	Soil	3B	17SB126		17SS1260006	0000.5	feet	9	0.61	MG/KG
04/28/2012	Soil	3B	17SB126		17SS1260612	00.501	feet	9	0.0421	MG/KG
04/28/2012	Soil	3B	17SB128		17SS1280006	0000.5	feet	9	0.896	MG/KG
04/28/2012	Soil	3B	17SB128		17SS1280612	00.501	feet	9	0.216	MG/KG
04/28/2012	Soil	3B	17SB130		17SS1300006	0000.5	feet	9	0.258	MG/KG
04/28/2012	Soil	3B	17SB130		17SS1300612	00.501	feet	9	0.127	MG/KG
04/23/2012	Soil	3A-2	17SB131		17SS1310006	0000.5	feet	9	0.0547	MG/KG
04/23/2012	Soil	3A-2	17SB131		17SS1310612	00.501	feet	9	0.00929	MG/KG
04/23/2012	Soil	3A-2	17SB132		17SS1320006	0000.5	feet	9	0.0486	MG/KG
04/23/2012	Soil	3A-2	17SB132		17SS1320612	00.501	feet	9	0.0474	MG/KG
04/29/2012	Soil	3A-2	17SB133		17SS1330006	0000.5	feet	9	0.0829	MG/KG
04/29/2012	Soil	3A-2	17SB133		17SS1330612	00.501	feet	9	0.00522	MG/KG
04/23/2012	Soil	3A-1	17SB134		17SS1340006	0000.5	feet	9	0.173	MG/KG
04/23/2012	Soil	3A-1	17SB134		17SS1340612	00.501	feet	9	4.92	MG/KG
04/23/2012	Soil	3A-1	17SB134		17SS1341824	01.502	feet	9	0.00357 J	MG/KG
04/23/2012	Soil	3A-1	17SB134		17SS1341218	0101.5	feet	9	0.314	MG/KG
04/29/2012	Soil	3C	17SB135		17SS1350006	0000.5	feet	10	1.26	MG/KG
04/29/2012	Soil	3C	17SB135		17SS1350612	00.501	feet	10	0.577	MG/KG
04/29/2012	Soil	3C	17SB136		17SS1360006	0000.5	feet	10	1.49	MG/KG
04/29/2012	Soil	3C	17SB136		17SS1360612	00.501	feet	10	0.184	MG/KG
04/29/2012	Soil	3C	17SB137		17SS1370006	0000.5	feet	10	6.62	MG/KG
04/29/2012	Soil	3C	17SB137		17SS1370612	00.501	feet	10	0.864	MG/KG
04/29/2012	Soil	3D	17SB138		17SS1380006	0000.5	feet	10	1.8	MG/KG
04/29/2012	Soil	3D	17SB138		17SS1380612	00.501	feet	10	0.762	MG/KG
04/28/2012	Soil	3D	17SB139		17SS1390006	0000.5	feet	10	4.02	MG/KG
04/28/2012	Soil	3D	17SB139		17SS1390612	00.501	feet	10	0.269	MG/KG
04/28/2012	Soil	3D	17SB140		17SS1400006	0000.5	feet	10	0.25	MG/KG
04/28/2012	Soil	3D	17SB140		17SS1400612	00.501	feet	10	0.00907	MG/KG
04/23/2012	Soil	3D	17SB141		17SS1410006	0000.5	feet	10	0.0399	MG/KG
04/28/2012	Soil	3D	17SB142		17SS1420006	0000.5	feet	10	0.126	MG/KG
04/28/2012	Soil	3D	17SB142		17SS1420612	00.501	feet	10	0.0113	MG/KG
04/28/2012	Soil	3D	17SB143		17SS1430006	0000.5	feet	10	0.0783	MG/KG
04/28/2012	Soil	3D	17SB143		17SS1430612	00.501	feet	10	0.00268 U	MG/KG
04/28/2012	Soil	NA	17SB144		17SS1440006	0000.5	feet	10	0.112	MG/KG
04/28/2012	Soil	3E	17SB145		17SS1450006	0000.5	feet	10	0.913	MG/KG
04/28/2012	Soil	3E	17SB145		17SS1450612	00.501	feet	10	0.0368	MG/KG
04/24/2012	Soil	NA	17SB146		17SS1460006	0000.5	feet	10	1.08	MG/KG
04/24/2012	Soil	NA	17SB146		17SS1460612	00.501	feet	10	0.0186	MG/KG
04/28/2012	Soil	3E	17SB147		17SS1470006	0000.5	feet	10	0.359	MG/KG
04/28/2012	Soil	3E	17SB147		17SS1470612	00.501	feet	10	0.00499	MG/KG
04/28/2012	Soil	3E	17SB148		17SS1480006	0000.5	feet	10	3.31	MG/KG
04/28/2012	Soil	3E	17SB148		17SS1480612	00.501	feet	10	0.135	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
04/28/2012	Soil	3E	17SB149		17SS1490006	0000.5	feet	10	0.0581	MG/KG
04/28/2012	Soil	3E	17SB149		17SS1490612	00.501	feet	10	0.0145	MG/KG
04/28/2012	Soil	3E	17SB150		17SS1500006	0000.5	feet	10	1.18	MG/KG
04/28/2012	Soil	3E	17SB150		17SS1500612	00.501	feet	10	0.771	MG/KG
04/28/2012	Soil	3E	17SB150		17SS1501824	01.502	feet	10	0.0105 J	MG/KG
04/28/2012	Soil	3E	17SB150		17SS1501218	0101.5	feet	10	0.0538	MG/KG
04/28/2012	Soil	3E	17SB151		17SS1510006	0000.5	feet	10	0.473	MG/KG
04/28/2012	Soil	3E	17SB151		17SS1510612	00.501	feet	10	2.39	MG/KG
04/28/2012	Soil	3E	17SB151		17SS1511824	01.502	feet	10	0.445	MG/KG
04/28/2012	Soil	3E	17SB151		17SS1511218	0101.5	feet	10	0.681	MG/KG
04/24/2012	Soil	3L, 3M	17SB152		17SS1520006	0000.5	feet	13	0.145	MG/KG
04/24/2012	Soil	3L, 3M	17SB152		17SS1520612	00.501	feet	13	0.00598	MG/KG
04/24/2012	Soil	3L, 3M	17SB152		17SS1521218	0101.5	feet	13	0.00182 J	MG/KG
04/24/2012	Soil	NA	17SB153		17SS1530006	0000.5	feet	13	0.0275	MG/KG
04/24/2012	Soil	NA	17SB153		17SS1530612	00.501	feet	13	0.00169 J	MG/KG
04/24/2012	Soil	NA	17SB153		17SS1531218	0101.5	feet	13	0.00278 U	MG/KG
04/24/2012	Soil	3M	17SB154		17SS1540006	0000.5	feet	13	0.0203	MG/KG
04/24/2012	Soil	NA	17SB155		17SS1550006	0000.5	feet	13	0.0215	MG/KG
04/24/2012	Soil	NA	17SB156		17SS1560006	0000.5	feet	13	0.116	MG/KG
04/24/2012	Soil	NA	17SB157		17SS1570006	0000.5	feet	13	0.043	MG/KG
04/26/2012	Soil	NA	17SB158		17SS1580006	0000.5	feet	13	0.0509	MG/KG
04/24/2012	Soil	NA	17SB158		17SS1580612	00.501	feet	13	0.0302	MG/KG
04/26/2012	Soil	3N	17SB159		17SS1590006	0000.5	feet	13	0.136	MG/KG
04/24/2012	Soil	3N	17SB159		17SS1590612	00.501	feet	13	0.00281 U	MG/KG
04/26/2012	Soil	3N	17SB159		17SS1591218	0101.5	feet	13	0.00232 J	MG/KG
04/24/2012	Soil	3M	17SB161		17SS1610006	0000.5	feet	13	0.97	MG/KG
04/24/2012	Soil	3M	17SB163		17SS1630006	0000.5	feet	13	0.0351	MG/KG
04/24/2012	Soil	3M	17SB163		17SS1630612	00.501	feet	13	0.00371 J	MG/KG
04/24/2012	Soil	3M	17SB164		17SS1640006	0000.5	feet	13	15.9	MG/KG
04/24/2012	Soil	3M	17SB164		17SS1640612	00.501	feet	13	0.461	MG/KG
04/24/2012	Soil	3M	17SB164		17SS1641218	0101.5	feet	13	0.0389	MG/KG
04/27/2012	Soil	4D	17SB165		17SS1650002	0002	feet	14	0.0368	MG/KG
04/30/2012	Soil	4D	17SB166		17SS1660002	0002	feet	14	0.0211	MG/KG
04/27/2012	Soil	NA	17SB167		17SS1670002	0002	feet	14	0.00256 J	MG/KG
04/30/2012	Soil	4D	17SB168		17SS1680002	0002	feet	14	0.253	MG/KG
04/27/2012	Soil	4D	17SB170		17SS1700002	0002	feet	14	0.63	MG/KG
04/26/2012	Soil	4A-5	17SB171		17SB1710204	0204	feet	15, 16	1.28	MG/KG
04/26/2012	Soil	4A-5	17SB171		17SB1710406	0406	feet	15, 16	0.00635	MG/KG
04/26/2012	Soil	4A-5	17SB172		17SB1720204	0204	feet	15, 16	0.0293 J	MG/KG
04/26/2012	Soil	4A-5	17SB172		17SB1720406	0406	feet	15, 16	0.00855	MG/KG
04/26/2012	Soil	4A-4	17SB173		17SB1730204	0204	feet	15, 16	56.4	MG/KG
04/26/2012	Soil	4A-4	17SB173		17SB1730406	0406	feet	15, 16	104	MG/KG
04/26/2012	Soil	4A-4	17SB173		17SB1730608	0608	feet	15, 16	0.303	MG/KG
04/26/2012	Soil	4A-4	17SB174		17SB1740204	0204	feet	15, 16	6.24	MG/KG
04/26/2012	Soil	4A-4	17SB174		17SB1740406	0406	feet	15, 16	0.00576	MG/KG
04/26/2012	Soil	4A-4	17SB174		17SB1740608	0608	feet	15, 16	0.0026 U	MG/KG
04/26/2012	Soil	4A-4	17SB175		17SB1750204	0204	feet	15, 16	0.0205	MG/KG
04/26/2012	Soil	4A-4	17SB175		17SB1750406	0406	feet	15, 16	0.703	MG/KG
04/26/2012	Soil	4A-4	17SB175		17SB1750608	0608	feet	15, 16	0.00438	MG/KG
04/26/2012	Soil	4A-4, 4A-10	17SB176		17SB1760204	0204	feet	15, 16	0.753	MG/KG
04/26/2012	Soil	4A-4, 4A-10	17SB176		17SB1760406	0406	feet	15, 16	0.421	MG/KG
04/26/2012	Soil	4A-4, 4A-10	17SB176		17SB1760608	0608	feet	15, 16	37.9	MG/KG
04/27/2012	Soil	4B-1	17SB178		17SB1780204	0204	feet	17	0.00239 U	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
04/27/2012	Soil	4B-1	17SB179		17SB1790204	0204	feet	17	0.0193	MG/KG
04/26/2012	Soil	4B-1	17SB180		17SB1800204	0204	feet	17	0.00981	MG/KG
04/26/2012	Soil	4B-1	17SB181		17SB1810204	0204	feet	17	0.0046	MG/KG
04/26/2012	Soil	4B-1	17SB182		17SB1820204	0204	feet	17	0.00254 U	MG/KG
05/10/2012	Soil	4B-1	17SB183		17SB1830203	0203	feet	17	0.403	MG/KG
05/10/2012	Soil		17SB184		17SB1840203	0203	feet	17	1.2	MG/KG
05/10/2012	Soil	4B-1	17SB185		17SB1850204	0204	feet	17	0.35	MG/KG
05/10/2012	Soil	4B-1	17SB186	17SB387	17SB1860204	0204	feet	17	2.13	MG/KG
08/08/2012	Soil	4B-1	17SB186	17SB387	17SB3870304	0304	feet	17	0.525	MG/KG
05/10/2012	Soil	4B-1	17SB187		17SB1870203	0203	feet	17	0.337	MG/KG
05/10/2012	Soil	4B-50	17SB188		17SB1880204	0204	feet	17	0.272	MG/KG
05/10/2012	Soil	4B-50	17SB189		17SB1890204	0204	feet	17	4.1	MG/KG
05/10/2012	Soil	4B-50	17SB190		17SB1900204	0204	feet	17	0.0854	MG/KG
05/10/2012	Soil	4B-3	17SB191		17SB1910204	0204	feet	17	0.00515	MG/KG
05/10/2012	Soil	4B-1, 4B-50	17SB192		17SB1920203	0203	feet	17	0.105	MG/KG
05/10/2012	Soil	4B-50	17SB193		17SB1930204	0204	feet	17	0.0475	MG/KG
04/27/2012	Soil	4B-1	17SB194	17FL-C-070	17SB1940204	0204	feet	17	0.00266 U	MG/KG
05/10/2012	Soil	4B-1	17SB195	17FL-C-069	17SB1950203	0203	feet	17	0.0102	MG/KG
04/26/2012	Soil	NA	17SB196		17SB1960204	0204	feet	7	0.00267 U	MG/KG
04/26/2012	Soil	NA	17SB197		17SB1970204	0204	feet	7	0.0457	MG/KG
04/26/2012	Soil	NA	17SB198		17SB1980204	0204	feet	7	0.00248 U	MG/KG
04/26/2012	Soil	NA	17SB199		17SB1990204	0204	feet	7	0.00243 U	MG/KG
04/27/2012	Soil	4C	17SB200		17SB2000204	0204	feet	18	0.00572	MG/KG
04/25/2012	Soil	4C	17SB201		17SB2010204	0204	feet	18	0.00415	MG/KG
04/25/2012	Soil	4C	17SB202		17SB2020204	0204	feet	18	0.00231 J	MG/KG
04/25/2012	Soil	4C	17SB203	17FL-D-029, 17SB225	17SB2030204	0204	feet	18	0.0105	MG/KG
04/25/2012	Soil	4C	17SB208		17SB2080204	0204	feet	18	0.00725	MG/KG
04/25/2012	Soil	4C	17SB209		17SB2090204	0204	feet	18	0.0353	MG/KG
04/25/2012	Soil	NA	17SB210		17SB2100204	0204	feet	18	0.0211	MG/KG
05/10/2012	Soil	4B-50	17SB211		17SB2110204	0204	feet	17	0.0748	MG/KG
04/27/2012	Soil	4C	17SB212	17FL-D-103	17SB2120204	0204	feet	18	0.00388	MG/KG
04/25/2012	Soil	4C	17SB213	17FL-D-104	17SB2130204	0204	feet	18	0.00242 J	MG/KG
04/25/2012	Soil	4C	17SB214	17FL-D-101	17SB2140204	0204	feet	18	0.00443	MG/KG
04/25/2012	Soil	4C	17SB215	17FL-D-045	17SB2150204	0204	feet	18	0.00384 J	MG/KG
04/25/2012	Soil	4C	17SB216	17FL-D-035	17SB2160204	0204	feet	18	0.13	MG/KG
04/25/2012	Soil	4C	17SB217	17FL-D-046	17SB2170204	0204	feet	18	0.0148	MG/KG
04/25/2012	Soil	4C	17SB218	17FL-D-040	17SB2180204	0204	feet	18	0.00433	MG/KG
04/25/2012	Soil	4C	17SB219	17FL-D-047	17SB2190204	0204	feet	18	0.0131	MG/KG
04/25/2012	Soil	4C	17SB220	17FL-D-041	17SB2200204	0204	feet	18	0.149	MG/KG
04/25/2012	Soil	4C	17SB221	17FL-D-036	17SB2210204	0204	feet	18	0.118 J	MG/KG
04/25/2012	Soil	4C	17SB222	17FL-D-042	17SB2220204	0204	feet	18	0.121	MG/KG
04/25/2012	Soil	4C	17SB223	17FL-D-043	17SB2230204	0204	feet	18	0.00288 J	MG/KG
04/25/2012	Soil	4C	17SB224	17FL-D-037	17SB2240204	0204	feet	18	0.185	MG/KG
04/26/2012	Soil	NA	17SB226	17EW-E-028	17SB2260204	0204	feet	7	0.00267 U	MG/KG
04/26/2012	Soil	NA	17SB227	17FL-E-027	17SB2270204	0204	feet	7	0.00269 U	MG/KG
04/26/2012	Soil	NA	17SB228	17FL-E-026	17SB2280204	0204	feet	7	0.00253 J	MG/KG
04/25/2012	Soil	4C	17SB229		17SS2290002	0002	feet	18	3.23	MG/KG
04/25/2012	Soil	4C	17SB229		17SB2290204	0204	feet	18	0.0655	MG/KG
04/30/2012	Soil	4C	17SB230		17SS2300002	0002	feet	18	1.17	MG/KG
04/30/2012	Soil	4C	17SB230		17SB2300204	0204	feet	18	0.293	MG/KG
04/25/2012	Soil	4C	17SB233		17SB2330204	0204	feet	18	0.0194	MG/KG
05/01/2012	Soil	3P	17SB234		17SS2340001	0001	feet	14	0.245	MG/KG
05/01/2012	Soil	3O	17SB235		17SS2350001	0001	feet	14	2.17	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
05/01/2012	Soil	3O	17SB236		17SS2360001	0001	feet	14	16.8	MG/KG
05/01/2012	Soil	3O	17SB236		17SS2360102	0102	feet	14	1.41	MG/KG
05/01/2012	Soil	3O	17SB236		17SB2360203	0203	feet	14	0.312	MG/KG
05/01/2012	Soil	3O	17SB237		17SS2370001	0001	feet	14	8.71	MG/KG
05/01/2012	Soil	3O	17SB237		17SS2370102	0102	feet	14	4.85	MG/KG
04/25/2012	Soil	3N	17SB238		17SS2380006	0000.5	feet	13	11.4	MG/KG
04/25/2012	Soil	3N	17SB238		17SS2380612	00.501	feet	13	25	MG/KG
04/25/2012	Soil	3N	17SB238		17SS2381824	01.502	feet	13	0.352	MG/KG
04/25/2012	Soil	3N	17SB238		17SS2381218	0101.5	feet	13	0.46	MG/KG
04/25/2012	Soil	3J	17SB239		17SS2390006	0000.5	feet	13	4.4	MG/KG
04/25/2012	Soil	3J	17SB239		17SS2390612	00.501	feet	13	11.2	MG/KG
04/25/2012	Soil	3J	17SB239		17SS2391218	0101.5	feet	13	2.51	MG/KG
04/25/2012	Soil	3L	17SB240		17SS2400006	0000.5	feet	13	1.39	MG/KG
04/25/2012	Soil	3L	17SB240		17SS2400612	00.501	feet	13	20.5	MG/KG
04/25/2012	Soil	3J Oxbow	17SB241		17SS2410006	0000.5	feet	13	1.6	MG/KG
04/25/2012	Soil	3J Oxbow	17SB241		17SS2410612	00.501	feet	13	2	MG/KG
04/25/2012	Soil	3J Oxbow	17SB241		17SS2411218	0101.5	feet	13	1.5	MG/KG
04/25/2012	Soil	NA	17SB242		17SS2420006	0000.5	feet	13	0.399	MG/KG
04/26/2012	Soil	3J	17SB243		17SS2430006	0000.5	feet	13	0.00546 J	MG/KG
04/26/2012	Soil	3I	17SB244		17SS2440006	0000.5	feet	12	1.46	MG/KG
04/26/2012	Soil	3I	17SB244		17SS2440612	00.501	feet	12	3.32	MG/KG
04/26/2012	Soil	3I	17SB244		17SS2441824	01.502	feet	12	0.287	MG/KG
04/26/2012	Soil	3I	17SB244		17SS2441218	0101.5	feet	12	2.12	MG/KG
04/26/2012	Soil	3H	17SB245		17SS2450006	0000.5	feet	12	70.3	MG/KG
04/26/2012	Soil	3H	17SB245		17SS2450612	00.501	feet	12	11.3	MG/KG
04/26/2012	Soil	3H	17SB245		17SS2451824	01.502	feet	12	0.0619	MG/KG
04/26/2012	Soil	3H	17SB245		17SS2451218	0101.5	feet	12	0.821	MG/KG
04/26/2012	Soil	NA	17SB246		17SS2460006	0000.5	feet	12	0.581	MG/KG
04/26/2012	Soil	NA	17SB247		17SS2470006	0000.5	feet	12	0.754	MG/KG
04/26/2012	Soil	NA	17SB248		17SS2480006	0000.5	feet	11	0.145	MG/KG
04/26/2012	Soil	NA	17SB249		17SS2490006	0000.5	feet	11	0.244	MG/KG
04/26/2012	Soil	3F	17SB250		17SS2500006	0000.5	feet	11	41.7	MG/KG
04/26/2012	Soil	3F	17SB250		17SS2500612	00.501	feet	11	3.91	MG/KG
04/26/2012	Soil	3F	17SB250		17SS2501218	0101.5	feet	11	7.3	MG/KG
04/26/2012	Soil	NA	17SB251		17SS2510006	0000.5	feet	10, 11	1.49	MG/KG
04/30/2012	Soil	NA	17SB252		17SS2520006	0000.5	feet	7	27.4	MG/KG
04/30/2012	Soil	NA	17SB252		17SS2520612	00.501	feet	7	1.2	MG/KG
04/30/2012	Soil	NA	17SB252		17SS2521824	01.502	feet	7	0.251	MG/KG
04/30/2012	Soil	NA	17SB252		17SS2521218	0101.5	feet	7	3.3	MG/KG
04/30/2012	Soil	NA	17SB253		17SS2530006	0000.5	feet	7	2.33	MG/KG
04/30/2012	Soil	NA	17SB253		17SS2530612	00.501	feet	7	0.483	MG/KG
04/26/2012	Soil	NA	17SB254		17SS2540006	0000.5	feet	9, 10	0.496	MG/KG
04/26/2012	Soil	NA	17SB255		17SS2550006	0000.5	feet	9, 10	0.0567	MG/KG
05/10/2012	Soil	3B	17SB256		17SS2560006	0000.5	feet	9	0.603	MG/KG
05/10/2012	Soil	3B	17SB256		17SS2560612	00.501	feet	9	0.0806	MG/KG
05/10/2012	Soil	3B	17SB257		17SS2570006	0000.5	feet	9	0.477	MG/KG
05/10/2012	Soil	3B	17SB257		17SS2570612	00.501	feet	9	0.951	MG/KG
05/10/2012	Soil	3C	17SB258		17SS2580006	0000.5	feet	9, 10	0.0078	MG/KG
05/10/2012	Soil	3C	17SB258		17SS2580612	00.501	feet	9, 10	0.0187	MG/KG
05/11/2012	Soil	3F	17SB259		17SS2590006	0000.5	feet	11	0.298	MG/KG
05/11/2012	Soil	3F	17SB259		17SS2590612	00.501	feet	11	0.0868	MG/KG
05/11/2012	Soil	NA	17SB260		17SS2600006	0000.5	feet	11	0.0129	MG/KG
05/11/2012	Soil	NA	17SB260		17SS2600612	00.501	feet	11	0.0068	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
05/11/2012	Soil	NA	17SB261		17SS2610006	0000.5	feet	11	0.0644	MG/KG
05/11/2012	Soil	NA	17SB261		17SS2610612	00.501	feet	11	0.0328	MG/KG
05/11/2012	Soil	NA	17SB262		17SS2620006	0000.5	feet	11	0.414	MG/KG
05/11/2012	Soil	NA	17SB262		17SS2620612	00.501	feet	11	0.0702	MG/KG
05/11/2012	Soil	3H	17SB263		17SS2630006	0000.5	feet	12	0.114	MG/KG
05/11/2012	Soil	3H	17SB263		17SS2630612	00.501	feet	12	0.0179	MG/KG
05/11/2012	Soil	3H, 3I	17SB264		17SS2640006	0000.5	feet	12	7.74	MG/KG
05/11/2012	Soil	3H, 3I	17SB264		17SS2640612	00.501	feet	12	12.8	MG/KG
05/11/2012	Soil	3I	17SB265		17SS2650006	0000.5	feet	12	0.0923	MG/KG
05/11/2012	Soil	3I	17SB265		17SS2650612	00.501	feet	12	1.34	MG/KG
05/11/2012	Soil	3I	17SB265		17SS2651218	0101.5	feet	12	0.0265	MG/KG
05/11/2012	Soil	3N	17SB266		17SS2660006	0000.5	feet	13	1.5	MG/KG
05/11/2012	Soil	3N	17SB266		17SS2660612	00.501	feet	13	0.312	MG/KG
05/11/2012	Soil	4C	17SB267		17SS2670002	0002	feet	18	1.04	MG/KG
05/11/2012	Soil	3G	17SB268		17SS2680006	0000.5	feet	12	0.233	MG/KG
05/11/2012	Soil	3G	17SB268		17SS2680612	00.501	feet	12	0.0241	MG/KG
05/11/2012	Soil	3G	17SB269		17SS2690006	0000.05	feet	12	7.12	MG/KG
05/11/2012	Soil	3G	17SB269		17SS2690612	00.501	feet	12	1.09	MG/KG
05/11/2012	Soil	NA	17SB270		17SS2700006	0000.5	feet	12	0.0676	MG/KG
05/11/2012	Soil	NA	17SB270		17SS2700612	00.501	feet	12	0.00767	MG/KG
05/11/2012	Soil	3O	17SB271		17SS2710001	0001	feet	14	0.0726	MG/KG
05/11/2012	Soil	3O	17SB271		17SS2710102	0102	feet	14	0.0143	MG/KG
05/11/2012	Soil	3O	17SB272		17SS2720001	0001	feet	14	0.349	MG/KG
05/11/2012	Soil	3O	17SB272		17SS2720102	0102	feet	14	0.0403	MG/KG
05/11/2012	Soil	3P	17SB273		17SS2730001	0001	feet	14	0.053	MG/KG
05/22/2012	Soil	NA	17SB274		17SS2740006	0000.5	feet	9	0.00274 U	MG/KG
05/22/2012	Soil	NA	17SB274		17SS2740612	00.501	feet	9	0.00896	MG/KG
05/22/2012	Soil	3A-1	17SB275		17SS2750006	0000.5	feet	9	0.00304 U	MG/KG
05/22/2012	Soil	3A-1	17SB275		17SS2750612	00.501	feet	9	0.0351	MG/KG
05/22/2012	Soil	3A-1	17SB276		17SS2760006	0000.5	feet	9	2.59	MG/KG
05/22/2012	Soil	3A-1	17SB276		17SS2760612	00.501	feet	9	7.67	MG/KG
05/22/2012	Soil	3A-1	17SB276		17SS2761824	01.502	feet	9	0.0511	MG/KG
05/22/2012	Soil	3A-1	17SB276		17SS2761218	0101.5	feet	9	4.28	MG/KG
05/22/2012	Soil	3A-1	17SB277		17SS2770006	0000.5	feet	9	2.67	MG/KG
05/22/2012	Soil	3A-1	17SB277		17SS2770612	00.501	feet	9	4.31	MG/KG
05/22/2012	Soil	3A-1	17SB277		17SS2771824	01.502	feet	9	1.45	MG/KG
05/22/2012	Soil	3A-1	17SB277		17SS2771218	0101.5	feet	9	4.42	MG/KG
07/31/2012	Soil	3A-1	17SB277		17SB2772430	0202.5	feet	9	1.21	MG/KG
05/22/2012	Soil	3B	17SB278		17SS2780006	0000.5	feet	9	1.48	MG/KG
05/22/2012	Soil	3B	17SB278		17SS2780612	00.501	feet	9	0.225	MG/KG
05/22/2012	Soil	3B	17SB279		17SS2790006	0000.5	feet	9	1.9	MG/KG
05/22/2012	Soil	3B	17SB279		17SS2790612	00.501	feet	9	1.4	MG/KG
05/22/2012	Soil	3A-1	17SB280		17SS2800006	0000.5	feet	9	0.011	MG/KG
05/22/2012	Soil	3A-1	17SB280		17SS2800612	00.501	feet	9	0.00668	MG/KG
05/22/2012	Soil	3A-1	17SB280		17SS2801824	01.502	feet	9	0.0401	MG/KG
05/22/2012	Soil	3A-1	17SB280		17SS2801218	0101.5	feet	9	0.0036 J	MG/KG
05/22/2012	Soil	3C	17SB281		17SS2810006	0000.5	feet	9, 10	2.06	MG/KG
05/22/2012	Soil	3C	17SB281		17SS2810612	00.501	feet	9, 10	0.0933	MG/KG
05/22/2012	Soil	3C	17SB282		17SS2820006	0000.5	feet	9, 10	0.00483	MG/KG
05/22/2012	Soil	3C	17SB282		17SS2820612	00.501	feet	9, 10	0.46	MG/KG
05/22/2012	Soil	3E	17SB283		17SS2830006	0000.5	feet	9, 10	0.00908	MG/KG
05/22/2012	Soil	3E	17SB283		17SS2830612	00.501	feet	9, 10	0.00251 U	MG/KG
05/22/2012	Soil	NA	17SB284		17SS2840006	0000.5	feet	10	0.00269 U	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
05/22/2012	Soil	NA	17SB284		17SS2840612	00.501	feet	10	0.00267 U	MG/KG
05/22/2012	Soil	NA	17SB285		17SS2850006	0000.5	feet	10, 11	0.0465	MG/KG
05/22/2012	Soil	NA	17SB285		17SS2850612	00.501	feet	10, 11	0.00929	MG/KG
05/23/2012	Soil	3F	17SB286		17SS2860006	0000.5	feet	11	1.81	MG/KG
05/23/2012	Soil	3F	17SB287		17SS2870006	0000.5	feet	11	0.682	MG/KG
05/23/2012	Soil	3F	17SB287		17SS2870612	00.501	feet	11	2.81	MG/KG
05/23/2012	Soil	3F	17SB288		17SS2880006	0000.5	feet	11	0.0909	MG/KG
05/23/2012	Soil	3F	17SB288		17SS2880612	00.501	feet	11	0.151	MG/KG
05/23/2012	Soil	3F	17SB289		17SS2890006	0000.5	feet	11	0.462	MG/KG
05/23/2012	Soil	3F	17SB289		17SS2890612	00.501	feet	11	0.278	MG/KG
05/23/2012	Soil	3G	17SB290		17SS2900006	0000.5	feet	12	0.0118 J	MG/KG
05/23/2012	Soil	3G	17SB290		17SS2900612	00.501	feet	12	0.00267 UJ	MG/KG
05/23/2012	Soil	3H	17SB291		17SS2910006	0000.5	feet	12	0.0462 J	MG/KG
05/23/2012	Soil	3H	17SB291		17SS2910612	00.501	feet	12	0.0262 J	MG/KG
05/23/2012	Soil	3H	17SB292		17SS2920006	0000.5	feet	12	0.0334 J	MG/KG
05/23/2012	Soil	3H	17SB292		17SS2920612	00.501	feet	12	0.0113 J	MG/KG
05/23/2012	Soil	3H, 3I	17SB293		17SS2930006	0000.5	feet	12	0.0157 J	MG/KG
05/23/2012	Soil	3H, 3I	17SB293		17SS2930612	00.501	feet	12	0.00466 J	MG/KG
05/23/2012	Soil	3H, 3I	17SB293		17SS2931218	0101.5	feet	12	0.0194	MG/KG
05/23/2012	Soil	3I	17SB294		17SS2940006	0000.5	feet	12	0.0683 J	MG/KG
05/23/2012	Soil	3I	17SB294		17SS2940612	00.501	feet	12	0.105 J	MG/KG
05/23/2012	Soil	3I	17SB294		17SS2941824	01.502	feet	12	0.0197	MG/KG
05/23/2012	Soil	3I	17SB294		17SS2941218	0101.5	feet	12	0.00466	MG/KG
05/24/2012	Soil	NA	17SB295		17SS2950006	0000.5	feet	13	0.0321 J	MG/KG
05/24/2012	Soil	NA	17SB295		17SS2950612	00.501	feet	13	0.00667 J	MG/KG
05/24/2012	Soil	3K	17SB296		17SS2960006	0000.5	feet	13	0.0617 J	MG/KG
05/24/2012	Soil	3K	17SB296		17SS2960612	00.501	feet	13	0.00665 J	MG/KG
05/24/2012	Soil	3K	17SB297		17SS2970006	0000.5	feet	13	4.09 J	MG/KG
05/24/2012	Soil	3K	17SB297		17SS2970612	00.501	feet	13	0.537 J	MG/KG
05/24/2012	Soil	3K, 3L	17SB298		17SS2980006	0000.5	feet	13	6.58 J	MG/KG
05/24/2012	Soil	3K, 3L	17SB298		17SS2980612	00.501	feet	13	4.59 J	MG/KG
05/24/2012	Soil	3L	17SB299		17SS2990006	0000.5	feet	13	7.18 J	MG/KG
05/24/2012	Soil	3L	17SB299		17SS2990612	00.501	feet	13	160 J	MG/KG
05/24/2012	Soil	3L	17SB300		17SS3000006	0000.5	feet	13	0.0815 J	MG/KG
05/24/2012	Soil	3L	17SB300		17SS3000612	00.501	feet	13	0.036 J	MG/KG
05/24/2012	Soil	3J	17SB301		17SS3010006	0000.5	feet	13	0.0423 J	MG/KG
05/24/2012	Soil	3J	17SB301		17SS3010612	00.501	feet	13	0.00482 J	MG/KG
05/24/2012	Soil	3J	17SB302		17SS3020006	0000.5	feet	13	2.74 J	MG/KG
05/24/2012	Soil	3J	17SB302		17SS3020612	00.501	feet	13	0.473 J	MG/KG
05/24/2012	Soil	3L, 3M	17SB303		17SS3030006	0000.5	feet	13	6.32 J	MG/KG
05/24/2012	Soil	3L, 3M	17SB303		17SS3030612	00.501	feet	13	39.4 J	MG/KG
05/24/2012	Soil	NA	17SB304		17SS3040006	0000.5	feet	13	0.0103 J	MG/KG
05/24/2012	Soil	NA	17SB304		17SS3040612	00.501	feet	13	0.00432 J	MG/KG
05/24/2012	Soil	NA	17SB305		17SS3050006	0000.5	feet	13	0.00247 J	MG/KG
05/24/2012	Soil	NA	17SB305		17SS3050612	00.501	feet	13	0.00321 J	MG/KG
05/24/2012	Soil	3J	17SB306		17SS3060006	0000.5	feet	13	0.036 J	MG/KG
05/24/2012	Soil	3J	17SB306		17SS3060612	00.501	feet	13	0.00314 UJ	MG/KG
05/22/2012	Soil	3B	17SB307		17SS3070006	0000.5	feet	9	0.0381	MG/KG
05/22/2012	Soil	3B	17SB307		17SS3070612	00.501	feet	9	0.464	MG/KG
06/06/2012	Soil	3L	17SB308		17SS3080006	0000.5	feet	13	56.9	MG/KG
06/06/2012	Soil	3L	17SB308		17SS3080612	00.501	feet	13	1380	MG/KG
06/06/2012	Soil	NA	17SB309		17SS3090006	0000.5	feet	7	18.2	MG/KG
06/06/2012	Soil	NA	17SB309		17SS3090612	00.501	feet	7	5.32	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
06/06/2012	Soil	NA	17SB309		17SS3091824	01.502	feet	7	0.251	MG/KG
06/06/2012	Soil	NA	17SB309		17SS3091218	0101.5	feet	7	0.603	MG/KG
06/06/2012	Soil	NA	17SB310		17SS3100006	0000.5	feet	7	1.17	MG/KG
06/06/2012	Soil	NA	17SB310		17SS3100612	00.501	feet	7	0.259	MG/KG
06/06/2012	Soil	NA	17SB310		17SS3101824	01.502	feet	7	0.325	MG/KG
06/06/2012	Soil	NA	17SB310		17SS3101218	0101.5	feet	7	0.205	MG/KG
06/15/2012	Soil	NA	17SB311		17SS3110006	0000.5	feet	7	6.57	MG/KG
06/15/2012	Soil	NA	17SB311		17SS3110612	00.501	feet	7	0.985	MG/KG
06/15/2012	Soil	NA	17SB311		17SS3111218	0101.5	feet	7	0.228	MG/KG
06/06/2012	Soil	4C	17SB312		17SS3120002	0002	feet	18	0.0239	MG/KG
06/06/2012	Soil	NA	17SB313		17SS3130002	0002	feet	18	0.125	MG/KG
06/15/2012	Soil	3D	17SB314		17SS3140006	0000.5	feet	10	0.0162 J	MG/KG
06/15/2012	Soil	3D	17SB314		17SS3140612	00.501	feet	10	0.0248	MG/KG
06/15/2012	Soil	NA	17SB315		17SS3150006	0000.5	feet	10	0.00326 J	MG/KG
06/15/2012	Soil	NA	17SB315		17SS3150612	00.501	feet	10	0.00153 J	MG/KG
06/15/2012	Soil	NA	17SB315		17SS3151824	01.502	feet	10	0.00349 J	MG/KG
06/15/2012	Soil	NA	17SB315		17SS3151218	0101.5	feet	10	0.00329 J	MG/KG
06/27/2012	Soil	4A-1	17SB316		17SS3160002	0002	feet	16	0.0747	MG/KG
06/27/2012	Soil	4A-1	17SB316		17SB3160204	0204	feet	16	0.0191	MG/KG
06/27/2012	Soil	4A-1	17SB316		17SB3160405	0405	feet	16	0.00535 U	MG/KG
06/27/2012	Soil	4A-6	17SB317		17SS3170002	0002	feet	16	0.962	MG/KG
06/27/2012	Soil	4A-6	17SB317		17SB3170204	0204	feet	16	0.0626 U	MG/KG
06/27/2012	Soil	4A-1	17SB318		17SS3180002	0002	feet	16	1.54	MG/KG
06/27/2012	Soil	4A-1	17SB318		17SB3180204	0204	feet	16	0.0175	MG/KG
06/27/2012	Soil	4A-6	17SB319		17SS3190002	0002	feet	16	5.81	MG/KG
06/27/2012	Soil	4A-6	17SB319		17SB3190203	0203	feet	16	1.09	MG/KG
06/27/2012	Soil	4A-6	17SB320		17SS3200002	0002	feet	16	0.425	MG/KG
06/27/2012	Soil	4A-6	17SB320		17SB3200204	0204	feet	16	0.402	MG/KG
06/27/2012	Soil	4A-6	17SB321		17SS3210002	0002	feet	16	8.5	MG/KG
06/27/2012	Soil	4A-6	17SB321		17SB3210203	0203	feet	16	2.75	MG/KG
06/27/2012	Soil	4A-6	17SB322		17SS3220002	0002	feet	16	17	MG/KG
06/27/2012	Soil	4A-6	17SB322		17SB3220204	0204	feet	16	806	MG/KG
06/27/2012	Soil	4A-6	17SB323		17SS3230002	0002	feet	16	2010	MG/KG
06/27/2012	Soil	4A-6	17SB323		17SB3230204	0204	feet	16	646	MG/KG
06/26/2012	Soil	4A-6	17SB324		17SS3240002	0002	feet	16	0.0762	MG/KG
06/26/2012	Soil	4A-6	17SB324		17SB3240204	0204	feet	16	0.858	MG/KG
06/26/2012	Soil	4A-6	17SB324		17SB3240406	0406	feet	16	0.00297 U	MG/KG
06/26/2012	Soil	4A-6	17SB325		17SS3250002	0002	feet	16	0.0368	MG/KG
06/26/2012	Soil	4A-6	17SB325		17SB3250204	0204	feet	16	0.0196	MG/KG
06/26/2012	Soil	4A-6	17SB325		17SB3250406	0406	feet	16	0.00392 U	MG/KG
06/26/2012	Soil	4A-6	17SB325		17SB3250608	0608	feet	16	0.0938	MG/KG
06/26/2012	Soil	4A-6	17SB326		17SS3260002	0002	feet	16	3260	MG/KG
06/26/2012	Soil	4A-6	17SB326		17SB3260204	0204	feet	16	21.6	MG/KG
06/26/2012	Soil	4A-6	17SB326		17SB3260406	0406	feet	16	1.83	MG/KG
06/26/2012	Soil	4A-6	17SB326		17SB3260608	0608	feet	16	0.116	MG/KG
06/29/2012	Soil	4A-5	17SB327		17SS3270002	0002	feet	16	0.353	MG/KG
06/29/2012	Soil	4A-5	17SB327		17SB3270204	0204	feet	16	0.0084	MG/KG
06/29/2012	Soil	4A-5	17SB327		17SB3270406	0406	feet	16	0.00278 U	MG/KG
06/29/2012	Soil	4A-5	17SB327		17SB3270608	0608	feet	16	0.00252 U	MG/KG
06/29/2012	Soil	4A-5	17SB327		17SB3270809	0809	feet	16	0.0027 U	MG/KG
06/26/2012	Soil	4A-1	17SB328		17SS3280001	0001	feet	16	10.3	MG/KG
06/27/2012	Soil	4A-6	17SB329		17SS3290002	0002	feet	16	80.3	MG/KG
06/27/2012	Soil	4A-6	17SB329		17SB3290204	0204	feet	16	22.1	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
06/27/2012	Soil	4A-6	17SB329		17SB3290405	0405	feet	16	45.5	MG/KG
06/27/2012	Soil	4A-6	17SB330		17SS3300002	0002	feet	16	2160	MG/KG
06/27/2012	Soil	4A-6	17SB330		17SB3300204	0204	feet	16	1.69	MG/KG
06/27/2012	Soil	4A-6	17SB330		17SB3300405	0405	feet	16	0.688	MG/KG
06/27/2012	Soil	4A-6	17SB331		17SS3310002	0002	feet	16	1050	MG/KG
06/27/2012	Soil	4A-6	17SB331		17SB3310204	0204	feet	16	188	MG/KG
06/27/2012	Soil	4A-6	17SB331		17SB3310406	0406	feet	16	0.0125 J	MG/KG
06/26/2012	Soil	4A-6	17SB332		17SS3320002	0002	feet	16	128	MG/KG
06/26/2012	Soil	4A-6	17SB332		17SB3320204	0204	feet	16	294	MG/KG
06/26/2012	Soil	4A-6	17SB332		17SB3320406	0406	feet	16	1.79	MG/KG
06/26/2012	Soil	4A-6	17SB332		17SB3320607	0607	feet	16	0.169	MG/KG
06/26/2012	Soil	4A-6	17SB333		17SS3330002	0002	feet	16	2940	MG/KG
06/26/2012	Soil	4A-6	17SB333		17SB3330204	0204	feet	16	103	MG/KG
06/26/2012	Soil	4A-6	17SB333		17SB3330406	0406	feet	16	2.17	MG/KG
06/26/2012	Soil	4A-6	17SB333		17SB3330608	0608	feet	16	5.85	MG/KG
06/26/2012	Soil	4A-6	17SB333		17SB3330810	0810	feet	16	29.1	MG/KG
06/26/2012	Soil	4A-6	17SB334		17SS3340002	0002	feet	16	4.42	MG/KG
06/26/2012	Soil	4A-6	17SB334		17SB3340204	0204	feet	16	0.627	MG/KG
06/26/2012	Soil	4A-6	17SB334		17SB3340406	0406	feet	16	0.111	MG/KG
06/26/2012	Soil	4A-6	17SB334		17SB3340608	0608	feet	16	0.0105	MG/KG
06/26/2012	Soil	4A-6	17SB334		17SB3340810	0810	feet	16	0.00249 J	MG/KG
06/29/2012	Soil	4A-6	17SB335		17SS3350002	0002	feet	16	9.7	MG/KG
06/29/2012	Soil	4A-6	17SB335		17SB3350204	0204	feet	16	4.43	MG/KG
06/29/2012	Soil	4A-6	17SB335		17SB3350406	0406	feet	16	0.393	MG/KG
06/29/2012	Soil	4A-6	17SB335		17SB3350608	0608	feet	16	0.0271	MG/KG
06/29/2012	Soil	4A-6	17SB335		17SB3350810	0810	feet	16	0.288	MG/KG
06/29/2012	Soil	4A-6	17SB335		17SB3351011	1011	feet	16	1.41	MG/KG
06/27/2012	Soil	4A-6	17SB336		17SS3360002	0002	feet	16	2.81	MG/KG
06/27/2012	Soil	4A-6	17SB336		17SB3360204	0204	feet	16	2.75	MG/KG
06/27/2012	Soil	4A-6	17SB336		17SB3360405	0405	feet	16	1.63	MG/KG
06/27/2012	Soil	4A-6	17SB337		17SS3370002	0002	feet	16	41.7	MG/KG
06/27/2012	Soil	4A-6	17SB337		17SB3370204	0204	feet	16	8.68	MG/KG
06/27/2012	Soil	4A-6	17SB337		17SB3370405	0405	feet	16	1.18	MG/KG
06/27/2012	Soil	4A-6	17SB338		17SS3380002	0002	feet	16	62.6	MG/KG
06/27/2012	Soil	4A-6	17SB338		17SB3380204	0204	feet	16	202	MG/KG
06/27/2012	Soil	4A-6	17SB338		17SB3380406	0406	feet	16	13.1	MG/KG
06/27/2012	Soil	4A-6	17SB338		17SB3380608	0608	feet	16	0.0691	MG/KG
06/27/2012	Soil	4A-6	17SB338		17SB3380810	0810	feet	16	0.002 J	MG/KG
06/27/2012	Soil	4A-6	17SB339		17SS3390002	0002	feet	16	13.8	MG/KG
06/27/2012	Soil	4A-6	17SB339		17SB3390204	0204	feet	16	2.32	MG/KG
06/27/2012	Soil	4A-6	17SB339		17SB3390405	0405	feet	16	0.892	MG/KG
06/28/2012	Soil	4A-3	17SB340		17SS3400002	0002	feet	16	0.365	MG/KG
06/28/2012	Soil	4A-3	17SB340		17SB3400204	0204	feet	16	0.322	MG/KG
06/28/2012	Soil	4A-3	17SB340		17SB3400406	0406	feet	16	0.0202	MG/KG
06/28/2012	Soil	4A-3	17SB340		17SB3400608	0608	feet	16	3.68	MG/KG
06/28/2012	Soil	4A-3	17SB340		17SB3400810	0810	feet	16	0.00809 J	MG/KG
06/28/2012	Soil	4A-3	17SB340		17SB3401012	1012	feet	16	0.00281 J	MG/KG
06/27/2012	Soil	4A-6	17SB341		17SS3410002	0002	feet	16	88.3	MG/KG
06/27/2012	Soil	4A-6	17SB341		17SB3410204	0204	feet	16	3.26	MG/KG
06/27/2012	Soil	4A-6	17SB341		17SB3410406	0406	feet	16	1.66	MG/KG
06/27/2012	Soil	4A-6	17SB341		17SB3410608	0608	feet	16	0.435	MG/KG
06/27/2012	Soil	4A-6	17SB341		17SB3410809	0809	feet	16	0.47	MG/KG
06/29/2012	Soil	4A-6	17SB342		17SS3420002	0002	feet	16	6.65	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
06/29/2012	Soil	4A-6	17SB342		17SB3420204	0204	feet	16	4.97	MG/KG
06/28/2012	Soil	4A-6	17SB342		17SB3420406	0406	feet	16	1.68	MG/KG
06/28/2012	Soil	4A-6	17SB342		17SB3420608	0608	feet	16	0.0454	MG/KG
06/28/2012	Soil	4A-6	17SB342		17SB3420810	0810	feet	16	0.00514 J	MG/KG
06/28/2012	Soil	4A-6	17SB342		17SB3421012	1012	feet	16	57.4	MG/KG
06/28/2012	Soil	N A	17SB343		17SS3430002	0002	feet	16	0.101	MG/KG
06/28/2012	Soil	N A	17SB343		17SB3430204	0204	feet	16	0.00513	MG/KG
06/28/2012	Soil	N A	17SB343		17SB3430406	0406	feet	16	0.00241 J	MG/KG
06/28/2012	Soil	4A-2	17SB344		17SS3440002	0002	feet	16	13.3	MG/KG
06/28/2012	Soil	4A-2	17SB344		17SB3440204	0204	feet	16	2.81	MG/KG
06/28/2012	Soil	4A-2	17SB344		17SB3440406	0406	feet	16	0.978	MG/KG
06/28/2012	Soil	4A-2	17SB344		17SB3440608	0608	feet	16	0.046	MG/KG
06/28/2012	Soil	4A-2	17SB344		17SB3440810	0810	feet	16	0.295	MG/KG
06/27/2012	Soil	4A-2, 4A-3, 4A-6	17SB345		17SS3450002	0002	feet	16	0.0422	MG/KG
06/27/2012	Soil	4A-2, 4A-3, 4A-6	17SB345		17SB3450204	0204	feet	16	0.00816	MG/KG
06/27/2012	Soil	4A-2, 4A-3, 4A-6	17SB345		17SB3450406	0406	feet	16	0.0597	MG/KG
06/27/2012	Soil	4A-2, 4A-3, 4A-6	17SB345		17SB3450608	0608	feet	16	1.56	MG/KG
06/27/2012	Soil	4A-2, 4A-3, 4A-6	17SB345		17SB3450810	0810	feet	16	0.013	MG/KG
06/27/2012	Soil	4A-2, 4A-3, 4A-6	17SB345		17SB3451012	1012	feet	16	0.204	MG/KG
06/27/2012	Soil	4A-6	17SB346		17SS3460002	0002	feet	16	3.38 J	MG/KG
06/27/2012	Soil	4A-6	17SB346		17SB3460204	0204	feet	16	0.313	MG/KG
06/27/2012	Soil	4A-6	17SB346		17SB3460406	0406	feet	16	0.193	MG/KG
06/27/2012	Soil	4A-6	17SB346		17SB3460608	0608	feet	16	1460	MG/KG
06/27/2012	Soil	4A-6	17SB346		17SB3460810	0810	feet	16	9.7	MG/KG
06/27/2012	Soil	4A-6	17SB346		17SB3461012	1012	feet	16	111	MG/KG
06/29/2012	Soil	4A-5, 4A-6	17SB347		17SS3470002	0002	feet	16	4.23	MG/KG
06/29/2012	Soil	4A-5, 4A-6	17SB347		17SB3470204	0204	feet	16	1.16	MG/KG
06/29/2012	Soil	4A-5, 4A-6	17SB347		17SB3470406	0406	feet	16	0.00276 U	MG/KG
06/29/2012	Soil	4A-5, 4A-6	17SB347		17SB3470608	0608	feet	16	0.00281 U	MG/KG
06/29/2012	Soil	4A-5, 4A-6	17SB347		17SB3470810	0810	feet	16	0.00274 U	MG/KG
06/29/2012	Soil	4A-5, 4A-6	17SB347		17SB3471012	1012	feet	16	0.00255 U	MG/KG
06/28/2012	Soil	4A-2	17SB348		17SS3480002	0002	feet	16	0.0103 U	MG/KG
06/28/2012	Soil	4A-2	17SB348		17SB3480204	0204	feet	16	0.00518 U	MG/KG
06/28/2012	Soil	4A-2	17SB348		17SB3480406	0406	feet	16	0.00344 J	MG/KG
06/28/2012	Soil	4A-2	17SB348		17SB3480608	0608	feet	16	0.00264 U	MG/KG
06/28/2012	Soil	4A-2	17SB348		17SB3480810	0810	feet	16	0.00252 U	MG/KG
06/28/2012	Soil	4A-2, 4A-3	17SB349		17SS3490002	0002	feet	16	0.0877	MG/KG
06/28/2012	Soil	4A-2, 4A-3	17SB349		17SB3490204	0204	feet	16	0.0277	MG/KG
06/28/2012	Soil	4A-2, 4A-3	17SB349		17SB3490406	0406	feet	16	0.0101	MG/KG
06/28/2012	Soil	4A-2, 4A-3	17SB349		17SB3490608	0608	feet	16	0.00271 U	MG/KG
06/28/2012	Soil	4A-2, 4A-3	17SB349		17SB3490810	0810	feet	16	0.00393	MG/KG
06/28/2012	Soil	4A-2, 4A-3	17SB349		17SB3491011	1011	feet	16	0.0026 J	MG/KG
06/27/2012	Soil	NA	17SB350		17SS3500002	0002	feet	16	0.085	MG/KG
06/27/2012	Soil	NA	17SB350		17SB3500204	0204	feet	16	0.0139	MG/KG
06/27/2012	Soil	4A-1	17SB351		17SS3510002	0002	feet	16	0.127	MG/KG
06/26/2012	Soil	4A-1	17SB352		17SS3520002	0002	feet	16	4.36	MG/KG
06/27/2012	Soil	NA	17SB353		17SS3530002	0002	feet	16	0.135	MG/KG
06/28/2012	Soil	NA	17SB354		17SS3540002	0002	feet	16	0.0424	MG/KG
06/28/2012	Soil	NA	17SB354		17SB3540204	0204	feet	16	0.00867	MG/KG
06/28/2012	Soil	NA	17SB354		17SB3540405	0405	feet	16	0.00522	MG/KG
06/28/2012	Soil	NA	17SB355		17SS3550002	0002	feet	16	0.0815	MG/KG
06/28/2012	Soil	NA	17SB355		17SB3550204	0204	feet	16	0.00252 J	MG/KG
06/28/2012	Soil	NA	17SB355		17SB3550406	0406	feet	16	0.00277 U	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
06/28/2012	Soil	NA	17SB355		17SB3550608	0608	feet	16	0.0026 U	MG/KG
06/28/2012	Soil	NA	17SB355		17SB3550810	0810	feet	16	0.0025 U	MG/KG
06/29/2012	Soil	4A-5	17SB356		17SS3560002	0002	feet	16	0.165	MG/KG
06/29/2012	Soil	4A-5	17SB356		17SB3560204	0204	feet	16	0.015	MG/KG
06/29/2012	Soil	4A-5	17SB356		17SB3560406	0406	feet	16	0.0483	MG/KG
06/29/2012	Soil	4A-5	17SB356		17SB3560608	0608	feet	16	0.0353	MG/KG
06/29/2012	Soil	4A-5	17SB356		17SB3560810	0810	feet	16	0.00284 J	MG/KG
06/29/2012	Soil	4A-5	17SB357		17SS3570002	0002	feet	16	0.46	MG/KG
06/29/2012	Soil	4A-5	17SB357		17SB3570204	0204	feet	16	0.00808	MG/KG
06/29/2012	Soil	4A-5	17SB357		17SB3570406	0406	feet	16	0.00233 J	MG/KG
06/29/2012	Soil	4A-5	17SB357		17SB3570608	0608	feet	16	0.00151 J	MG/KG
06/29/2012	Soil	4A-5	17SB357		17SB3570809	0809	feet	16	0.00266 U	MG/KG
06/28/2012	Soil	4A-3, 4A-5	17SB358		17SB3580204	0204	feet	16	0.00704	MG/KG
06/29/2012	Soil	4A-5	17SB359		17SB3590103	0103	feet	15, 16	11.6	MG/KG
06/28/2012	Soil	4A-3	17SB360		17SB3600103	0103	feet	16	0.0892 J	MG/KG
06/28/2012	Soil	4A-4	17SB361		17SB3610204	0204	feet	16	111 J	MG/KG
10/02/2012	Soil	4A-4	17SB361		17SB3610406	0406	feet	16	0.159	MG/KG
10/02/2012	Soil	4A-4	17SB361		17SB3610608	0608	feet	16	0.00288 J	MG/KG
10/02/2012	Soil	4A-4	17SB361		17SB3610809	0809	feet	16	0.00244 U	MG/KG
06/28/2012	Soil	4A-5	17SB362		17SB3620204	0204	feet	16	0.00264 U	MG/KG
10/02/2012	Soil	4A-5	17SB362		17SB3620406	0406	feet	16	0.00268 U	MG/KG
10/02/2012	Soil	4A-5	17SB362		17SB3620608	0608	feet	16	0.00249 U	MG/KG
06/28/2012	Soil	4A-5	17SB363		17SB3630204	0204	feet	16	0.00258 U	MG/KG
10/02/2012	Soil	4A-5	17SB363		17SB3630406	0406	feet	16	0.00187 J	MG/KG
10/02/2012	Soil	4A-5	17SB363		17SB3630607	0607	feet	16	0.00249 U	MG/KG
06/28/2012	Soil	4A-5	17SB364		17SB3640103	0103	feet	16	0.0492 J	MG/KG
06/28/2012	Soil	4A-5, 4A-7	17SB365		17SB3650204	0204	feet	16	1.1	MG/KG
06/26/2012	Soil	NA	17SB366		17SS3660002	0002	feet	16	0.0353	MG/KG
06/26/2012	Soil	NA	17SB366		17SB3660204	0204	feet	16	0.0166	MG/KG
06/26/2012	Soil	NA	17SB366		17SB3660406	0406	feet	16	0.00248 U	MG/KG
06/28/2012	Soil	4A-2	17SB367		17SS3670002	0002	feet	16	0.0686	MG/KG
06/28/2012	Soil	4A-2	17SB367		17SB3670204	0204	feet	16	0.0293	MG/KG
06/28/2012	Soil	4A-2	17SB367		17SB3670406	0406	feet	16	0.0189	MG/KG
06/28/2012	Soil	4A-2	17SB367		17SB3670608	0608	feet	16	0.00479	MG/KG
06/27/2012	Soil	4A-2	17SB368		17SS3680002	0002	feet	16	0.0343	MG/KG
06/27/2012	Soil	4A-2	17SB368		17SB3680204	0204	feet	16	0.0409	MG/KG
06/27/2012	Soil	4A-2	17SB368		17SB3680406	0406	feet	16	0.0143	MG/KG
06/27/2012	Soil	4A-2	17SB368		17SB3680608	0608	feet	16	0.00271 U	MG/KG
06/27/2012	Soil	4A-2	17SB368		17SB3680810	0810	feet	16	0.00447 U	MG/KG
06/27/2012	Soil	4A-2	17SB368		17SB3681011	1011	feet	16	0.00266 U	MG/KG
07/31/2012	Soil	4A-5	17SB369		17SS3690002	0002	feet	16	0.0155	MG/KG
07/31/2012	Soil	4A-5	17SB369		17SB3690204	0204	feet	16	0.0161	MG/KG
07/31/2012	Soil	4B-1	17SB371		17SS3710102	0102	feet	17	0.00519 J	MG/KG
07/31/2012	Soil	4B-1	17SB371		17SB3710203	0203	feet	17	0.0138	MG/KG
07/31/2012	Soil	4B-1	17SB372		17SS3720002	0002	feet	17	0.274	MG/KG
07/31/2012	Soil	4B-3	17SB373		17SS3730002	0002	feet	17	5.27	MG/KG
07/31/2012	Soil	4B-3	17SB373		17SB3730204	0204	feet	17	1.04	MG/KG
07/31/2012	Soil	4C	17SB374		17SS3740002	0002	feet	18	0.00476	MG/KG
07/31/2012	Soil	4C	17SB374		17SB3740204	0204	feet	18	0.0041 J	MG/KG
07/31/2012	Soil	4A-7	17SB375		17SS3750002	0002	feet	15	850	MG/KG
07/31/2012	Soil	4A-7	17SB375		17SB3750204	0204	feet	15	35.6	MG/KG
08/08/2012	Soil	4A-7	17SB375		17SB3750406	0406	feet	15	49.7	MG/KG
08/08/2012	Soil	4A-5	17SB395		17SS3950002	0002	feet	15, 16	0.00735	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
08/08/2012	Soil	4A-5	17SB395		17SB3950204	0204	feet	15, 16	0.0018 J	MG/KG
08/08/2012	Soil	4A-5	17SB395		17SB3950406	0406	feet	15, 16	0.00241 U	MG/KG
08/08/2012	Soil	4A-5, 4A-7	17SB396		17SS3960002	0002	feet	15	3.18	MG/KG
08/08/2012	Soil	4A-5, 4A-7	17SB396		17SB3960204	0204	feet	15	0.0156	MG/KG
08/08/2012	Soil	4A-5, 4A-7	17SB396		17SB3960406	0406	feet	15	0.00943	MG/KG
08/08/2012	Soil	NA	17SB397		17SS3970002	0002	feet	15	0.0117	MG/KG
08/08/2012	Soil	NA	17SB397		17SB3970204	0204	feet	15	0.00624	MG/KG
08/08/2012	Soil	NA	17SB397		17SB3970406	0406	feet	15	0.00263 U	MG/KG
08/08/2012	Soil	NA	17SB397		17SB3970607	0607	feet	15	0.00242 U	MG/KG
08/08/2012	Soil	4A-5	17SB398		17SS3980002	0002	feet	15	3.64	MG/KG
08/08/2012	Soil	4A-5	17SB398		17SB3980204	0204	feet	15	0.00792	MG/KG
08/08/2012	Soil	4A-5	17SB398		17SB3980406	0406	feet	15	0.0025 U	MG/KG
08/09/2012	Soil	NA	17SB399		17SS3990002	0002	feet	15, 16	0.00207 J	MG/KG
08/09/2012	Soil	NA	17SB399		17SB3990204	0204	feet	15, 16	0.00268 U	MG/KG
08/09/2012	Soil	NA	17SB399		17SB3990406	0406	feet	15, 16	0.003 U	MG/KG
08/09/2012	Soil	NA	17SB399		17SB3990608	0608	feet	15, 16	0.00271 U	MG/KG
08/09/2012	Soil	4A-7	17SB400		17SS4000002	0002	feet	15, 16	0.0245	MG/KG
08/09/2012	Soil	4A-7	17SB400		17SB4000204	0204	feet	15, 16	0.00286 J	MG/KG
08/09/2012	Soil	4A-7	17SB400		17SB4000406	0406	feet	15, 16	0.00248 U	MG/KG
08/09/2012	Soil	4A-7	17SB400		17SB4000607	0607	feet	15, 16	0.00243 U	MG/KG
08/09/2012	Soil	4A-5, 4A-7	17SB401		17SS4010002	0002	feet	15	45.4	MG/KG
08/09/2012	Soil	4A-5, 4A-7	17SB401		17SB4010204	0204	feet	15	0.0166	MG/KG
08/09/2012	Soil	4A-5, 4A-7	17SB401		17SB4010406	0406	feet	15	0.00424 U	MG/KG
08/09/2012	Soil	NA	17SB402		17SS4020002	0002	feet	15, 16	0.0101	MG/KG
08/09/2012	Soil	NA	17SB402		17SB4020204	0204	feet	15, 16	0.0104	MG/KG
08/09/2012	Soil	NA	17SB402		17SB4020406	0406	feet	15, 16	0.0106 J	MG/KG
08/09/2012	Soil	NA	17SB402		17SB4020607	0607	feet	15, 16	0.0124 U	MG/KG
08/09/2012	Soil	4A-7	17SB403		17SS4030002	0002	feet	15	2940	MG/KG
08/09/2012	Soil	4A-7	17SB403		17SB4030204	0204	feet	15	550	MG/KG
08/09/2012	Soil	4A-7	17SB403		17SB4030406	0406	feet	15	323	MG/KG
08/09/2012	Soil	4A-7	17SB403		17SB4030607	0607	feet	15	396	MG/KG
08/09/2012	Soil	4A-5, 4A-7	17SB404		17SS4040002	0002	feet	15	1.45	MG/KG
08/09/2012	Soil	4A-5, 4A-7	17SB404		17SB4040204	0204	feet	15	0.0134 U	MG/KG
08/09/2012	Soil	4A-5, 4A-7	17SB404		17SB4040406	0406	feet	15	0.0019 U	MG/KG
08/09/2012	Soil	4A-8, 4A-9	17SB405		17SS4050002	0002	feet	15, 16	0.167	MG/KG
08/09/2012	Soil	4A-8, 4A-9	17SB405		17SB4050204	0204	feet	15, 16	0.0278	MG/KG
08/09/2012	Soil	4A-8, 4A-9	17SB405		17SB4050406	0406	feet	15, 16	0.0101 J	MG/KG
08/09/2012	Soil	4A-8, 4A-9	17SB405		17SB4050608	0608	feet	15, 16	0.0122 U	MG/KG
08/09/2012	Soil	4A-7, 4A-9	17SB406		17SS4060002	0002	feet	15	1200	MG/KG
08/09/2012	Soil	4A-7, 4A-9	17SB406		17SB4060204	0204	feet	15	907	MG/KG
08/09/2012	Soil	4A-7, 4A-9	17SB406		17SB4060406	0406	feet	15	0.159	MG/KG
08/09/2012	Soil	4A-7, 4A-9	17SB406		17SB4060608	0608	feet	15	0.0028 J	MG/KG
08/09/2012	Soil	4A-9	17SB407		17SS4070002	0002	feet	15, 16	0.399	MG/KG
08/09/2012	Soil	4A-9	17SB407		17SB4070204	0204	feet	15, 16	0.0127	MG/KG
08/10/2012	Soil	4A-8	17SB408		17SS4080002	0002	feet	15, 16	0.0126	MG/KG
08/10/2012	Soil	4A-8	17SB408		17SB4080203	0203	feet	15, 16	0.0141	MG/KG
08/08/2012	Soil	4A-8, 4A-9	17SB409		17SS4090002	0002	feet	15	7.44	MG/KG
08/08/2012	Soil	4A-8, 4A-9	17SB409		17SB4090204	0204	feet	15	4.22	MG/KG
08/08/2012	Soil	4A-8, 4A-9	17SB409		17SB4090406	0406	feet	15	0.54	MG/KG
08/09/2012	Soil	4A-8, 4A-9	17SB410		17SS4100002	0002	feet	15, 16	0.00298 J	MG/KG
08/09/2012	Soil	4A-8, 4A-9	17SB410		17SB4100204	0204	feet	15, 16	0.00274 U	MG/KG
08/10/2012	Soil	4A-8	17SB411		17SS4110002	0002	feet	15	0.0223	MG/KG
08/10/2012	Soil	4A-8	17SB411		17SB4110204	0204	feet	15	0.138	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area (1)	Sampling Location (2)	Sampling Location Alias (3)	Sample	Depth Interval (4)	Depth units	Figure Number (5)	Total PCB Result	Result Units
08/09/2012	Soil	4A-7, 4A-9	17SB415		17SS4150002	0002	feet	15, 16	0.00721	MG/KG
08/09/2012	Soil	4A-7, 4A-9	17SB415		17SB4150204	0204	feet	15, 16	0.00718	MG/KG
08/09/2012	Soil	4A-7, 4A-9	17SB415		17SB4150406	0406	feet	15, 16	0.00255 U	MG/KG
08/09/2012	Soil	4A-7, 4A-9	17SB415		17SB4150608	0608	feet	15, 16	0.00394	MG/KG
08/09/2012	Soil	4A-7	17SB416		17SS4160002	0002	feet	15, 16	41000	MG/KG
08/09/2012	Soil	4A-7	17SB416		17SB4160204	0204	feet	15, 16	255	MG/KG
08/09/2012	Soil	4A-7	17SB416		17SB4160406	0406	feet	15, 16	8.78	MG/KG
08/09/2012	Soil	4A-7	17SB416		17SB4160607	0607	feet	15, 16	0.0843	MG/KG
08/10/2012	Soil	4A-8, 4A-9	17SB417		17SS4170002	0002	feet	15	5.65	MG/KG
08/09/2012	Soil	4A-9	17SB418		17SS4180002	0002	feet	15	119	MG/KG
08/09/2012	Soil	4A-9	17SB418		17SB4180204	0204	feet	15	1.14	MG/KG
08/09/2012	Soil	4A-9	17SB418		17SB4180406	0406	feet	15	0.0027 U	MG/KG
08/09/2012	Soil	4A-9	17SB418		17SB4180608	0608	feet	15	0.00272 U	MG/KG
08/10/2012	Soil	4A-8	17SB420		17SS4200002	0002	feet	15	4.27	MG/KG
08/08/2012	Soil	4A-8	17SB421		17SS4210002	0002	feet	15	0.115	MG/KG
08/08/2012	Soil	4A-8	17SB421		17SB4210204	0204	feet	15	0.0104	MG/KG
08/08/2012	Soil	4A-8	17SB421		17SB4210406	0406	feet	15	0.0027 U	MG/KG
08/08/2012	Soil	4A-5	17SB423		17SS4230002	0002	feet	16	0.214	MG/KG
08/08/2012	Soil	4A-5	17SB423		17SB4230204	0204	feet	16	0.00378 J	MG/KG
08/08/2012	Soil	4A-5	17SB423		17SB4230406	0406	feet	16	0.00252 U	MG/KG
08/08/2012	Soil	4A-5	17SB423		17SB4230608	0608	feet	16	0.00188 J	MG/KG
08/10/2012	Soil	4A-8	17SB429		17SS4290002	0002	feet	15	0.0024 U	MG/KG
08/28/2012	Soil	NA	17SB430		17SS4300002	0002	feet	17	0.00325 J	MG/KG
08/28/2012	Soil	NA	17SB430		17SB4300204	0204	feet	17	0.00587	MG/KG
08/28/2012	Soil	NA	17SB431		17SS4310002	0002	feet	17	0.0419	MG/KG
08/28/2012	Soil	NA	17SB431		17SB4310204	0204	feet	17	0.00226 J	MG/KG
08/28/2012	Soil	NA	17SB432		17SS4320002	0002	feet	17	0.0125	MG/KG
08/28/2012	Soil	NA	17SB432		17SB4320204	0204	feet	17	0.00257 U	MG/KG
08/28/2012	Soil	NA	17SB433		17SS4330002	0002	feet	17	0.153	MG/KG
08/28/2012	Soil	NA	17SB433		17SB4330204	0204	feet	17	0.00535	MG/KG
08/28/2012	Soil	NA	17SB434		17SS4340002	0002	feet	17	0.00198 J	MG/KG
08/28/2012	Soil	NA	17SB434		17SB4340204	0204	feet	17	0.00256 U	MG/KG
08/28/2012	Soil	NA	17SB435		17SS4350002	0002	feet	17	0.0555	MG/KG
08/28/2012	Soil	NA	17SB435		17SB4350204	0204	feet	17	0.00275 U	MG/KG
08/28/2012	Soil	NA	17SB436		17SS4360002	0002	feet	17	0.0209	MG/KG
08/28/2012	Soil	NA	17SB436		17SB4360204	0204	feet	17	0.00945	MG/KG
08/28/2012	Soil	NA	17SB437		17SS4370002	0002	feet	17	0.0243	MG/KG
08/28/2012	Soil	NA	17SB437		17SB4370204	0204	feet	17	0.00241 U	MG/KG
08/28/2012	Soil	NA	17SB438		17SS4380002	0002	feet	17	0.00274 U	MG/KG
08/28/2012	Soil	NA	17SB438		17SB4380204	0204	feet	17	0.00277 U	MG/KG
08/28/2012	Soil	NA	17SB439		17SS4390002	0002	feet	17	0.0963	MG/KG
08/28/2012	Soil	NA	17SB439		17SB4390204	0204	feet	17	0.00176 J	MG/KG
08/28/2012	Soil	NA	17SB440		17SS4400002	0002	feet	15	0.121 J	MG/KG
08/28/2012	Soil	NA	17SB440		17SB4400204	0204	feet	15	0.00256 U	MG/KG
08/28/2012	Soil	NA	17SB441		17SS4410002	0002	feet	15	0.00273 U	MG/KG
08/28/2012	Soil	NA	17SB441		17SB4410204	0204	feet	15	0.0026 U	MG/KG
08/28/2012	Soil	NA	17SB442		17SS4420002	0002	feet	15	0.0182 J	MG/KG
08/28/2012	Soil	NA	17SB442		17SB4420204	0204	feet	15	0.00725	MG/KG
08/28/2012	Soil	NA	17SB443		17SS4430002	0002	feet	15	0.00432	MG/KG
08/28/2012	Soil	NA	17SB443		17SB4430204	0204	feet	15	0.00177 J	MG/KG
08/28/2012	Soil	NA	17SB444		17SS4440002	0002	feet	15	0.0153	MG/KG
08/28/2012	Soil	NA	17SB444		17SB4440204	0204	feet	15	0.00925	MG/KG
08/28/2012	Soil	NA	17SB445		17SS4450002	0002	feet	15	0.00454	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
08/28/2012	Soil	NA	17SB445		17SB4450204	0204	feet	15	0.00206 J	MG/KG
08/28/2012	Soil	NA	17SB446		17SS4460002	0002	feet	15	0.271	MG/KG
08/28/2012	Soil	NA	17SB446		17SB4460204	0204	feet	15	0.152	MG/KG
08/28/2012	Soil	NA	17SB447		17SS4470002	0002	feet	15	0.0528	MG/KG
08/28/2012	Soil	NA	17SB447		17SB4470204	0204	feet	15	0.0132 U	MG/KG
08/28/2012	Soil	4A-9	17SB448		17SS4480002	0002	feet	15	2.13	MG/KG
08/28/2012	Soil	4A-9	17SB448		17SB4480204	0204	feet	15	0.013 UJ	MG/KG
08/28/2012	Soil	NA	17SB449		17SS4490002	0002	feet	15	0.00255 J	MG/KG
08/28/2012	Soil	NA	17SB449		17SB4490203	0203	feet	15	0.00588 J	MG/KG
09/18/2012	Soil	4C	17SB451		17SS4510002	0002	feet	18	1.42	MG/KG
09/18/2012	Soil	4C	17SB451		17SB4510204	0204	feet	18	0.353	MG/KG
09/18/2012	Soil	4A-2	17SB452		17SS4520002	0002	feet	15, 16	0.0108	MG/KG
10/02/2012	Soil	4B-1, 4B-2	17SB453	17FL-C-080	17SB4530304	0304	feet	17	0.00269 U	MG/KG
10/02/2012	Soil	4B-1, 4B-2	17SB454	17FL-C-077	17SB4540304	0304	feet	17	0.728	MG/KG
10/02/2012	Soil	4C	17SB455		17SS4550002	0002	feet	18	1.25	MG/KG
10/02/2012	Soil	4C	17SB456		17SS4560002	0002	feet	18	0.376	MG/KG
10/02/2012	Soil	4A-5	17SB457	17FL-B-005	17SB4570204	0204	feet	15, 16	0.00263 U	MG/KG
10/02/2012	Soil	4A-5	17SB457	17FL-B-005	17SB4570406	0406	feet	15, 16	0.00258 U	MG/KG
10/02/2012	Soil	4A-5	17SB457	17FL-B-005	17SB4570608	0608	feet	15, 16	0.00253 U	MG/KG
10/02/2012	Soil	4A-5	17SB457	17FL-B-005	17SB4570809	0809	feet	15, 16	0.00264 U	MG/KG
05/09/2012	Soil	NA	17TPA1		17TPA1C0008	0008	feet	15, 16	0.0654	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0102	0102	feet	15, 16	0.0038 J	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0108	0108	feet	15, 16	0.198 J	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0203	0203	feet	15, 16	0.572	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0304	0304	feet	15, 16	0.353	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0405	0405	feet	15, 16	0.00163 J	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0506	0506	feet	15, 16	0.0757	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0607	0607	feet	15, 16	0.00264 U	MG/KG
05/08/2012	Soil	NA	17TPA2		17TPA2C0708	0708	feet	15, 16	0.00309 J	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0001	0001	feet	15	128	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0008	0008	feet	15	173	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0102	0102	feet	15	2.71	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0203	0203	feet	15	86.5	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0304	0304	feet	15	1880	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0405	0405	feet	15	48.9	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0506	0506	feet	15	545	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0607	0607	feet	15	10.8	MG/KG
05/09/2012	Soil	4A-6	17TPA3		17TPA3C0708	0708	feet	15	159	MG/KG
05/09/2012	Soil	NA	17TPA4		17TPA4C0006	0006	feet	15, 16	0.12	MG/KG
05/10/2012	Soil	4A-6	17TPB4		17TPB4C0001	0001	feet	15	18.3	MG/KG
05/10/2012	Soil	4A-6	17TPB4		17TPB4C0003	0003	feet	15	10.5	MG/KG
05/10/2012	Soil	4A-6	17TPB4		17TPB4C0102	0102	feet	15	15.6	MG/KG
05/10/2012	Soil	4A-6	17TPB4		17TPB4C0203	0203	feet	15	12.3	MG/KG
05/10/2012	Soil	4A-6	17TPB5		17TPB5C0001	0001	feet	15	0.789	MG/KG
05/10/2012	Soil	4A-6	17TPB5		17TPB5C0004	0004	feet	15	43.7	MG/KG
05/10/2012	Soil	4A-6	17TPB5		17TPB5C0102	0102	feet	15	0.156	MG/KG
05/10/2012	Soil	4A-6	17TPB5		17TPB5C0203	0203	feet	15	3.62	MG/KG
05/10/2012	Soil	4A-6	17TPB5		17TPB5C0304	0304	feet	15	77.6	MG/KG
05/08/2012	Soil	NA	17TPC2		17TPC2C0111	0111	feet	15, 16	0.0448	MG/KG
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0102	0102	feet	15	28.1	MG/KG
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0108	0108	feet	15	2.58	MG/KG
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0203	0203	feet	15	1.62	MG/KG
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0304	0304	feet	15	34.1	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0405	0405	feet	15	0.119	MG/KG
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0506	0506	feet	15	0.00193 J	MG/KG
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0607	0607	feet	15	0.0027 U	MG/KG
05/11/2012	Soil	4A-6	17TPC3		17TPC3C0708	0708	feet	15	0.0102	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0102	0102	feet	15	4.34	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0111	0102	feet	15	15.7	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0203	0203	feet	15	1.12	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0304	0304	feet	15	1.23	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0405	0405	feet	15	0.719	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0506	0506	feet	15	0.00663	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0607	0607	feet	15	0.0134 U	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0708	0709	feet	15	0.0027 U	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C0809	0809	feet	15	0.0136 U	MG/KG
05/10/2012	Soil	4A-6	17TPD2		17TPD2C1011	1011	feet	15	0.834	MG/KG
05/10/2012	Soil	4A-4	17TPE2		17TPE2C0102	0102	feet	15	0.128 J	MG/KG
05/10/2012	Soil	4A-4	17TPE2		17TPE2C0106	0106	feet	15	4.98	MG/KG
05/10/2012	Soil	4A-4	17TPE2		17TPE2C0203	0203	feet	15	0.0635	MG/KG
05/10/2012	Soil	4A-4	17TPE2		17TPE2C0304	0304	feet	15	8.35	MG/KG
05/10/2012	Soil	4A-4	17TPE2		17TPE2C0405	0405	feet	15	19.2	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0001	0001	feet	15	26.2	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0010	0010	feet	15	0.141	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0102	0102	feet	15	1.13	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0203	0203	feet	15	0.293	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0304	0304	feet	15	0.114	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0405	0405	feet	15	0.0101	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0506	0506	feet	15	0.0444	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0607	0607	feet	15	0.00687	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0708	0708	feet	15	0.00175 J	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0809	0809	feet	15	0.00279 U	MG/KG
05/09/2012	Soil	4A-2	17TPF1		17TPF1C0910	0910	feet	15	0.00284 U	MG/KG
05/09/2012	Soil	NA	17TPF3		17TPF3C0009	0009	feet	15, 16	0.032	MG/KG
05/09/2012	Soil	NA	17TPF4		17TPF4C0009	0009	feet	15, 16	0.0192	MG/KG
05/10/2012	Soil	NA	17TPG1		17TPG1C0108	0108	feet	15, 16	0.00934	MG/KG
05/10/2012	Soil	NA	17TPG2		17TPG2C0105	0105	feet	10	0.0107	MG/KG
05/10/2012	Soil	NA	17TPG3		17TPG3C0107	0107	feet	15, 16	0.0026 U	MG/KG
05/09/2012	Soil	NA	17TPG4		17TPG4C0008	0108	feet	15, 16	0.0622	MG/KG
03/01/2001	Soil	4A-5	CSS01		CSS01	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	4A-5	CSS01		CSUB01	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	4A-5	CSS02		CSS02	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	4A-5	CSS02		CSUB02	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	CSS03		CSS03	0000.5	feet	3	110	UG/KG
03/01/2001	Soil	NA	CSS03		CSUB03	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	CSS04		CSS04	0000.5	feet	3	67	UG/KG
03/01/2001	Soil	NA	CSS04		CSUB04	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	4B-1, 4B-50	CSS05		CSS05	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	4B-1, 4B-50	CSS05		CSUB05	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	CSS06		CSS06	0000.5	feet	3	830	UG/KG
03/01/2001	Soil	NA	CSS06		CSUB06	00.501	feet	3	290	UG/KG
03/01/2001	Soil	NA	GSS01		GSS01	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	GSS01		GSUB01	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	GSS02		GSS02	0000.5	feet	3	650	UG/KG
03/01/2001	Soil	NA	GSS02		GSUB02	00.501	feet	3	200	UG/KG
03/01/2001	Soil	NA	GSS03		GSS03	0000.5	feet	3	0 U	UG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
03/01/2001	Soil	NA	GSS03		GSUB03	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	GSS04		GSS04	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	GSS04		GSUB04	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	4B-50	GSS05		GSS05	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	4B-50	GSS05		GSUB05	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	4B-50	GSS06		GSS06	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	4B-50	GSS06		GSUB06	00.501	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	GSS07		GSS07	0000.5	feet	3	120	UG/KG
03/01/2001	Soil	NA	GSS07		GSUB07	00.501	feet	3	84	UG/KG
03/01/2001	Soil	NA	GSS08		GSS08	0000.5	feet	3	0 U	UG/KG
03/01/2001	Soil	NA	GSS08		GSUB08	00.501	feet	3	0 U	UG/KG
10/04/2005	Sediment	NA	17SW/SD001	N A	17SD0010006	000.5	feet	7, 16	37	MG/KG
10/04/2005	Sediment	NA	17SW/SD002	N A	17SD0020006	000.5	feet	7	25	MG/KG
10/01/2005	Sediment	NA	17SW/SD003	N A	17SD0030006	000.5	feet	7, 10	17	MG/KG
10/01/2005	Sediment	NA	17SW/SD004	N A	17SD0040006	000.5	feet	10	3.6	MG/KG
10/01/2005	Sediment	NA	17SW/SD005	N A	17SD0050006	000.5	feet	9	1.7	MG/KG
10/01/2005	Sediment	NA	17SW/SD006	N A	17SD0060006	000.5	feet	7	0.013	MG/KG
10/04/2005	Sediment	NA	17SW/SD007	N A	17SD0070006	000.5	feet	7	2.2	MG/KG
04/18/2006	Sediment	NA	17SW/SD008	N A	17SD0080006	000.5	feet	4	0.00 U	MG/KG
04/18/2006	Sediment	NA	17SW/SD009	N A	17SD0090006	000.5	feet	12	0.00 U	MG/KG
04/18/2006	Sediment	NA	17SW/SD010	N A	17SD0100006	000.5	feet	12	0.00 U	MG/KG
04/18/2006	Sediment	NA	17SW/SD011	N A	17SD0110006	000.5	feet	18	1.8	MG/KG
04/18/2006	Sediment	NA	17SW/SD013	N A	17SD0130006	000.5	feet	11, 12, 18	0.53	MG/KG
04/18/2006	Sediment	NA	17SW/SD014	N A	17SD0140006	000.5	feet	12	1.3	MG/KG
04/18/2006	Sediment	NA	17SW/SD015	N A	17SD0150006	000.5	feet	12	1	MG/KG
04/18/2006	Sediment	NA	17SW/SD016	N A	17SD0160006	000.5	feet	11, 12	0.48	MG/KG
04/18/2006	Sediment	NA	17SW/SD017	N A	17SD0170006	000.5	feet	11	2.2	MG/KG
04/18/2006	Sediment	NA	17SW/SD018	N A	17SD0180006	000.5	feet	10	3.7	MG/KG
04/18/2006	Sediment	NA	17SW/SD019	N A	17SD0190006	000.5	feet	10	3.7	MG/KG
04/18/2006	Sediment	NA	17SW/SD020	N A	17SD0200006	000.5	feet	9	0.00 U	MG/KG
04/18/2006	Sediment	NA	17SW/SD021	N A	17SD0210006	000.5	feet	7	0.021	MG/KG
04/18/2006	Sediment	NA	17SW/SD022	N A	17SD0220006	000.5	feet	7, 10	0.03	MG/KG
04/18/2006	Sediment	NA	17SW/SD023	N A	17SD0230006	000.5	feet	7, 9, 10	0.025	MG/KG
04/19/2006	Sediment	NA	17SW/SD024	N A	17SD0240006	000.5	feet	4	0.00 U	MG/KG
04/18/2006	Sediment	NA	17SW/SD025	N A	17SD0250006	000.5	feet	8	0.58	MG/KG
04/18/2006	Sediment	NA	17SW/SD026	N A	17SD0260006	000.5	feet	8	5.3	MG/KG
04/19/2006	Sediment	NA	17SW/SD027	N A	17SD0270006	000.5	feet	8	0.011	MG/KG
04/19/2006	Sediment	NA	17SW/SD028	N A	17SD0280006	000.5	feet	4	0.083	MG/KG
04/19/2006	Sediment	NA	17SW/SD029	N A	17SD0290006	000.5	feet	4	0.18	MG/KG
04/19/2006	Sediment	NA	17SW/SD030	N A	17SD0300006	000.5	feet	9	0.089	MG/KG
04/19/2006	Sediment	NA	17SW/SD031	N A	17SD0310006	000.5	feet	9	0.11	MG/KG
04/19/2006	Sediment	NA	17SW/SD032	N A	17SD0320006	000.5	feet	9	0.2	MG/KG
04/19/2006	Sediment	NA	17SW/SD033	N A	17SD0330006	000.5	feet	9	1.3	MG/KG
04/19/2006	Sediment	NA	17SW/SD034	N A	17SD0340006	000.5	feet	9	0.22	MG/KG
04/19/2006	Sediment	NA	17SW/SD035	N A	17SD0350006	000.5	feet	4	0.95	MG/KG
04/19/2006	Sediment	NA	17SW/SD036	N A	17SD0360006	000.5	feet	4	0.15	MG/KG
04/19/2006	Sediment	NA	17SW/SD037	N A	17SD0370006	000.5	feet	4	0.55	MG/KG
04/19/2006	Sediment	NA	17SW/SD038	N A	17SD0380006	000.5	feet	4	0.29	MG/KG
04/19/2006	Sediment	NA	17SW/SD039	N A	17SD0390006	000.5	feet	9	0.00 U	MG/KG
04/18/2006	Sediment	NA	17SW/SD040	N A	17SD0400006	000.5	feet	7	0.063	MG/KG
04/18/2006	Sediment	NA	17SW/SD041	N A	17SD0410006	000.5	feet	7, 9, 10	0.5	MG/KG
05/02/2006	Sediment	NA	17SW/SD042	N A	17SD0420006	000.5	feet	5, 12, 13, 17	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD043	N A	17SD0430006	000.5	feet	12, 17	3.3	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
05/02/2006	Sediment	NA	17SW/SD044	N A	17SD0440006	000.5	feet	5, 12, 13	0.57	MG/KG
05/02/2006	Sediment	NA	17SW/SD045	N A	17SD0450006	000.5	feet	12	6	MG/KG
05/02/2006	Sediment	NA	17SW/SD046	N A	17SD0460006	000.5	feet	8	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD047	N A	17SD0470006	000.5	feet	8	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD048	N A	17SD0480006	000.5	feet	8	0.37	MG/KG
05/02/2006	Sediment	NA	17SW/SD049	N A	17SD0490006	000.5	feet	8	0.32	MG/KG
05/02/2006	Sediment	NA	17SW/SD050	N A	17SD0500006	000.5	feet	8	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD051	N A	17SD0510006	000.5	feet	8	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD052	N A	17SD0520006	000.5	feet	8	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD053	N A	17SD0530006	000.5	feet	8	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD054	N A	17SD0540006	000.5	feet	4	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD055	N A	17SD0550006	000.5	feet	4	0.017	MG/KG
05/02/2006	Sediment	NA	17SW/SD056	N A	17SD0560006	000.5	feet	5	0.26	MG/KG
05/02/2006	Sediment	NA	17SW/SD057	N A	17SD0570006	000.5	feet	5, 14	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD058	N A	17SD0580006	000.5	feet	5	0.29	MG/KG
05/02/2006	Sediment	NA	17SW/SD059	N A	17SD0590006	000.5	feet	5, 14	0.00 U	MG/KG
05/02/2006	Sediment	NA	17SW/SD060	N A	17SD0600006	000.5	feet	5, 13	0.012	MG/KG
05/02/2006	Sediment	NA	17SW/SD061	N A	17SD0610006	000.5	feet	5, 13	70	MG/KG
05/02/2006	Sediment	NA	17SW/SD062	N A	17SD0620006	000.5	feet	5, 13	7.1	MG/KG
05/02/2006	Sediment	NA	17SW/SD063	N A	17SD0630006	000.5	feet	5, 13	0.72	MG/KG
05/02/2006	Sediment	NA	17SW/SD064	N A	17SD0640006	000.5	feet	5, 13	4.1	MG/KG
10/05/2006	Sediment	NA	17SW/SD065	N A	17SD0650006	000.5	feet	4	0.00 U	MG/KG
10/05/2006	Sediment	NA	17SW/SD066	N A	17SD0660006	000.5	feet	4	0.00 U	MG/KG
10/05/2006	Sediment	NA	17SW/SD067	N A	17SD0670006	000.5	feet	4	0.51	MG/KG
10/05/2006	Sediment	NA	17SW/SD068	N A	17SD0680006	000.5	feet	4	0.12	MG/KG
10/05/2006	Sediment	NA	17SW/SD069	N A	17SD0690006	000.5	feet	6	0.96	MG/KG
12/15/2008	Sediment	NA	17SW/SD070	N A	17SD0700006	0006	inches	6	0.069	MG/KG
12/15/2008	Sediment	NA	17SW/SD071	N A	17SD0710006	0006	inches	6	0.072	MG/KG
12/15/2008	Sediment	NA	17SW/SD072	N A	17SD0720006	0006	inches	6	0.059	MG/KG
12/15/2008	Sediment	NA	17SW/SD072	N A	17SD0720612	0612	inches	6	0.077	MG/KG
12/15/2008	Sediment	NA	17SW/SD073	N A	17SD0730006	0006	inches	6, 14	0.13	MG/KG
12/15/2008	Sediment	NA	17SW/SD074	N A	17SD0740006	0006	inches	6	0.055	MG/KG
12/16/2008	Sediment	NA	17SW/SD075	N A	17SD0750006	0006	inches	6	0.15	MG/KG
12/16/2008	Sediment	NA	17SW/SD076	N A	17SD0760006	0006	inches	6	0.04	MG/KG
12/16/2008	Sediment	NA	17SW/SD077	N A	17SD0770006	0006	inches	6	0.034	MG/KG
12/16/2008	Sediment	NA	17SW/SD078	N A	17SD0780006	0006	inches	6	0.037	MG/KG
12/16/2008	Sediment	NA	17SW/SD079	N A	17SD0790006	0006	inches	6	0.00 U	MG/KG
12/15/2008	Sediment	NA	17SW/SD080	N A	17SD0800006	0006	inches	6	0.065	MG/KG
12/15/2008	Sediment	NA	17SW/SD081	N A	17SD0810006	0006	inches	6	0.025	MG/KG
12/15/2008	Sediment	NA	17SW/SD082	N A	17SD0820006	0006	inches	6	0.028	MG/KG
12/15/2008	Sediment	NA	17SW/SD083	N A	17SD0830006	0006	inches	6	0.014	MG/KG
12/15/2008	Sediment	NA	17SW/SD083	N A	17SD0830612	0612	inches	6	0.03	MG/KG
12/15/2008	Sediment	NA	17SW/SD084	N A	17SD0840006	0006	inches	6	0.23	MG/KG
12/16/2008	Sediment	NA	17SW/SD085	N A	17SD0850006	0006	inches	6	0.00 U	MG/KG
12/16/2008	Sediment	NA	17SW/SD085	N A	17SD0850612	0612	inches	6	0.013	MG/KG
12/16/2008	Sediment	NA	17SW/SD086	N A	17SD0860006	0006	inches	6	0.044	MG/KG
12/16/2008	Sediment	NA	17SW/SD087	N A	17SD0870006	0006	inches	6	0.094	MG/KG
12/16/2008	Sediment	NA	17SW/SD088	N A	17SD0880006	0006	inches	6	0.024	MG/KG
12/16/2008	Sediment	NA	17SW/SD089	N A	17SD0890006	0006	inches	6	0.15	MG/KG
12/16/2008	Sediment	NA	17SW/SD090	N A	17SD0900006	0006	inches	6	0.035	MG/KG
12/16/2008	Sediment	NA	17SW/SD090	N A	17SD0900612	0012	inches	6	0.049	MG/KG
12/17/2008	Sediment	NA	17SW/SD091	N A	17SD0910006	0006	inches	6	0.033	MG/KG
12/17/2008	Sediment	NA	17SW/SD092	N A	17SD0920006	0006	inches	6	0.027	MG/KG

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area [1]	Sampling Location [2]	Sampling Location Alias [3]	Sample	Depth Interval [4]	Depth units	Figure Number [5]	Total PCB Result	Result Units
12/17/2008	Sediment	NA	17SW/SD093	N A	17SD0930006	0006	inches	6	0.043	MG/KG
12/17/2008	Sediment	NA	17SW/SD094	N A	17SD0940006	0006	inches	6	0.02	MG/KG
12/17/2008	Sediment	NA	17SW/SD095	N A	17SD0950006	0006	inches	6	0.067	MG/KG
12/17/2008	Sediment	NA	17SW/SD096	N A	17SD0960006	0006	inches	6	0.086	MG/KG
12/17/2008	Sediment	NA	17SW/SD097	N A	17SD0970006	0006	inches	6	0.018	MG/KG
12/17/2008	Sediment	NA	17SW/SD098	N A	17SD0980006	0006	inches	6	0.055	MG/KG
12/17/2008	Sediment	NA	17SW/SD099	N A	17SD0990006	0006	inches	6	0.19	MG/KG
12/18/2008	Sediment	NA	17SW/SD100	N A	17SD1000006	0006	inches	6	0.018	MG/KG
12/18/2008	Sediment	NA	17SW/SD101	N A	17SD1010006	0006	inches	6	0.094	MG/KG
12/18/2008	Sediment	NA	17SW/SD102	N A	17SD1020006	0006	inches	6	0.19	MG/KG
12/18/2008	Sediment	NA	17SW/SD103	N A	17SD1030006	0006	inches	6	0.00 U	MG/KG
12/18/2008	Sediment	NA	17SW/SD104	N A	17SD1040006	0006	inches	6	0.11	MG/KG
12/18/2008	Sediment	NA	17SW/SD105	N A	17SD1050006	0006	inches	2, 6	2.8	MG/KG
01/20/2011	Sediment	NA	17SW/SD106	N A	17SD1060006	000.5	feet	13	34.74	MG/KG
01/20/2011	Sediment	NA	17SW/SD107	N A	17SD1070006	000.5	feet	13	101	MG/KG
01/20/2011	Sediment	NA	17SW/SD108	N A	17SD1080006	000.5	feet	13	4.99	MG/KG
01/20/2011	Sediment	NA	17SW/SD109	N A	17SD1090006	000.5	feet	13	175	MG/KG
01/20/2011	Sediment	NA	17SW/SD110	N A	17SD1100006	000.5	feet	13, 14	26.5	MG/KG
01/20/2011	Sediment	NA	17SW/SD111	N A	17SD1110006	000.5	feet	13, 14	20.41	MG/KG
01/20/2011	Sediment	NA	17SW/SD112	N A	17SD1120006	000.5	feet	13, 14	14.48	MG/KG
01/20/2011	Sediment	NA	17SW/SD113	N A	17SD1130006	000.5	feet	13, 14	41.7	MG/KG
01/20/2011	Sediment	NA	17SW/SD114	N A	17SD1140006	000.5	feet	14	14.87	MG/KG
01/20/2011	Sediment	NA	17SW/SD115	N A	17SD1150006	000.5	feet	14	28.62	MG/KG
01/20/2011	Sediment	NA	17SW/SD116	N A	17SD1160006	000.5	feet	14	22.95	MG/KG
01/20/2011	Sediment	NA	17SW/SD116	N A	17SD1160612	0.501	feet	14	24.9	MG/KG
01/20/2011	Sediment	NA	17SW/SD116	N A	17SD1161224	0102	feet	14	8.86	MG/KG
01/20/2011	Sediment	NA	17SW/SD117	N A	17SD1170006	000.5	feet	14	29.98	MG/KG
01/20/2011	Sediment	NA	17SW/SD117	N A	17SD1170612	0.501	feet	14	9.3	MG/KG
01/20/2011	Sediment	NA	17SW/SD117	N A	17SD1171224	0102	feet	14	46.82	MG/KG
01/20/2011	Sediment	NA	17SW/SD118	N A	17SD1180006	000.5	feet	10, 14	4.73	MG/KG
01/20/2011	Sediment	NA	17SW/SD118	N A	17SD1180612	0.501	feet	10, 14	100	MG/KG
01/20/2011	Sediment	NA	17SW/SD119	N A	17SD1190006	000.5	feet	14	2.256	MG/KG
01/20/2011	Sediment	NA	17SW/SD119	N A	17SD1190612	0.501	feet	14	3.55	MG/KG
01/20/2011	Sediment	NA	17SW/SD120	N A	17SD1200006	000.5	feet	14	0.0952	MG/KG
01/20/2011	Sediment	NA	17SW/SD120	N A	17SD1200612	0.501	feet	14	0.077	MG/KG
04/26/2012	Sediment	NA	17SW/SD121	N A	17SD1210006	000.5	feet	14	0.116	MG/KG
04/26/2012	Sediment	NA	17SW/SD121	N A	17SD1210612	0.501	feet	11	0.136	MG/KG
04/26/2012	Sediment	NA	17SW/SD122	N A	17SD1220006	000.5	feet	10	0.362	MG/KG
04/26/2012	Sediment	NA	17SW/SD122	N A	17SD1220612	0.501	feet	10	0.153	MG/KG
04/29/2012	Sediment	NA	17SW/SD123	N A	17SD1230006	000.5	feet	9	0.207	MG/KG
04/29/2012	Sediment	NA	17SW/SD123	N A	17SD1230612	0.501	feet	9	0.225	MG/KG
05/01/2012	Sediment	NA	17SW/SD124	N A	17SD1240006	000.5	feet	18	0.554	MG/KG
05/01/2012	Sediment	NA	17SW/SD124	N A	17SD1240612	0.501	feet	18	0.0829	MG/KG
04/30/2012	Sediment	NA	17SW/SD125	N A	17SD1250006	000.5	feet	8	0.0603	MG/KG
04/30/2012	Sediment	NA	17SW/SD125	N A	17SD1250612	0.501	feet	8	0.25	MG/KG
05/01/2012	Sediment	NA	17SW/SD126	N A	17SD1260006	000.5	feet	7	0.903	MG/KG
05/01/2012	Sediment	NA	17SW/SD126	N A	17SD1260612	0.501	feet	7	6.5	MG/KG
05/01/2012	Sediment	NA	17SW/SD127	N A	17SD1270006	000.5	feet	8	1.08	MG/KG
05/01/2012	Sediment	NA	17SW/SD127	N A	17SD1270612	0.501	feet	8	0.841	MG/KG
10/01/2005	SW	NA	17SW/SD004	NA	17SW0401	NA	NA	10	0 U	UG/L
10/01/2005	SW	NA	17SW/SD005	NA	17SW0501	NA	NA	9	0 U	UG/L
12/15/2008	SW	NA	17SW/SD071	NA	17SW071	NA	NA	6	0 U	UG/L
12/16/2008	SW	NA	17SW/SD078	NA	17SW078	NA	NA	6	0 U	UG/L

TABLE 3

SAMPLING LOCATIONS AND ASSOCIATED DATA
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE INDIANA

Sample Date	Matrix	Excavation Area (1)	Sampling Location (2)	Sampling Location Alias (3)	Sample	Depth Interval (4)	Depth units	Figure Number (5)	Total PCB Result	Result Units
12/17/2008	SW	NA	17SW/SD091	NA	17SW091	NA	NA	6	0 U	UG/L
12/17/2008	SW	NA	17SW/SD097	NA	17SW097	NA	NA	6	0 U	UG/L
12/18/2008	SW	NA	17SW/SD102	NA	17SW102	NA	NA	6	0 U	UG/L
12/18/2008	SW	NA	17SW/SD105	NA	17SW105	NA	NA	6	0 U	UG/L
05/01/2012	SW	NA	17SW/SD124	NA	17SW124050112	NA	NA	18	1.22 J	UG/L
05/01/2012	SW	NA	17SW/SD126	NA	17SW126050112	NA	NA	7	3.08 J	UG/L
10/03/2005	GW	NA	17SB046/TW01	TW01	17GWTW01	Overburden	NA	5, 14, 17	0 U	UG/L
10/24/2006	GW	NA	17SB062/TW02	TW02	17GWTW02	Overburden	NA	5, 14	0 U	UG/L
10/25/2006	GW	NA	17SB070/TW04	TW04	17GWTW04	Overburden	NA	5, 14	0 U	UG/L

NA = not applicable
(1) Excavation areas correspond to areas shown on figures that still require excavation. TolTest excavation areas from previous Interim Measures are not referenced in this column.
(2) Sample locations beginning with "17SB" were adjusted to render the location number a three-digit number by inserting "0" immediately after "17SB" for all location number's from "01" to "99."
(3) The sampling location alias is useful for matching surface and subsurface samples collected from the same location at a different time.
(4) The first two digits represent the top of the depth interval and the second two digits represent the bottom of the depth interval.
(5) Figure numbers refer to the figures in this report. This column is provided as an aid to help locate specific sampling locations and does not necessarily list all figures on which a particular location can be found.

Color Coding (soil and sediment results only):

Green	≤1 mg/kg
Orange	>=1 mg/kg but ≤50 mg/kg
Red	>50 mg/kg

TABLE 4

DATA PERCENT COMPLETENESS
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE, INDIANA

		Number Acceptable Results/Number Total Results (Precent Completeness)	
Matrix	**Analytical Fraction** [1]	**Prior to 2012** [2]	**2012** [2]
Groundwater	Semivolatile Organic Compounds	249/256 (97.3%)	NA
	Diesel Range Organics	34/34 (100%)	NA
	Volatile Organic Compounds	153/156 (98.1%)	NA
	Gasoline Range Organics	21/21 (100%)	NA
	Polychlorinated Biphenyls	24/24 (100%)	NA
Sediment	Miscellaneous [3]	22/22 (100%)	NA
	Semivolatile Organic Compounds	NA	516/520 (99.2%)
	Volatile Organic Compounds	NA	212/224 (99.1%)
	Polychlorinated Biphenyls	1128/1152 (97.9%)	140/140 (100%)
Soil	Semivolatile Organic Compounds	5626/5760 (97.7%)	250/250 (100%)
	Volatile Organic Compounds	2279/2340 (97.4%)	110/112 (98.2%)
	Gasoline Range Organics	315/315 (100%)	NA
	Polychlorinated Biphenyls	2800/2800(100%)	7730/7730 (100%)
	Petroleum Hydrocarbons	45/45 (100%)	NA
Surfce Water	Semivolatile Organic Compounds	NA	258/260 (100%)
	Volatile Organic Compounds	NA	104/112 (92.9)
	Polychlorinated Biphenyls	64/64 (100%)	20/20 (100%)

1 Analytical fractions comprise multiple analytes.
2 Numbers in parentheses are the percentage equivalents of the mathematical fractions in the same cell.
3 The "Miscellaneous" analytical fraction comprises total organic carbon and total solids.
Field duplicates are excluded from this tally. Field duplciate data completeness rates were comparable to normal sample rejection rates.
NA = Not applicable

TABLE 5

DETECTION FREQUENCIES FOR PRE-2012 PARAMETERS BY MEDIUM
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE, INDIANA

Parameter	Units	Frequency of Detection	Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Sample of Maximum Concentration	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Concentrations	Average of All Results	Standard Deviation
GROUNDWATER											
Diesel Range Organic-Specific Semivolatiles											
Pyrene	UG/L	1/2	0.056 J	0.056 J	17SB062/TW02	17GWTW02	0.06	0.06	0.06	0.04	0.02
Fluoranthene	UG/L	1/2	0.067 J	0.067 J	17SB062/TW02	17GWTW02	0.06	0.06	0.07	0.05	0.03
Semivolatiles											
Benzoic Acid	UG/L	1/1	7.7 J	7.7 J	17SB062/TW02	17GWTW02	NA	NA	8	8	
Volatiles											
Acetone	UG/L	1/3	31	31	17SB064/TW03	17GWTW03	0.5	0.5	31	11	18
2-Butanone	UG/L	1/3	4.4 J	4.4 J	17SB064/TW03	17GWTW03	0.5	0.5	4	2	2
Sediment											
Aroclor-1260	MG/KG	109/130	0.011 J	175	17SW/SD109	17SD1090006	0.01	0.04	8	7	22
Aroclor-1254	MG/KG	13/127	0.416	6.1	17SW/SD113	17SD1130006	0.006	1	3	0.3	1
Total Aroclor	MG/KG	109/130	0.011	175	17SW/SD109	17SD1090006	0	0	9	7	22
Total Organic Carbon	%	11/11	0.18	1.3	17SW/SD045	17SD0450006	NA	NA	0.6	0.6	0.3
Total Solids	%	11/11	67	78	17SW/SD038	17SD0380006	NA	NA	73	73	3
SOIL											
Pesticides/PCBs											
Aroclor-1260	MG/KG	223/350	0.018 J	90	17SB055	17SS0550002-D	0.009	0.2	7	5	12
Total Aroclor	MG/KG	223/350	0.018	90	17SB055	17SS0550002-D	0	0	7	5	12
Petroleum Hydrocarbons											
Diesel Range Organics	MG/KG	24/45	3.3 J	930	17SB055	17SS0550002-D	3	6	44	24	110
Semivolatiles											
Acenaphthene	UG/KG	2/45	170 J	600	17SB071	17SS0710001	70	88	390	55	85
Acenaphthylene	UG/KG	1/45	240 J	240 J	17SB059	17SS0590001	71	88	240	45	30
Anthracene	UG/KG	4/45	94 J	1000	17SB071	17SS0710001	71	88	420	74	150
Benzo(a)anthracene	UG/KG	7/45	100 J	3700	17SB059	17SS0590001	71	88	1300	240	680
Benzo(a)pyrene	UG/KG	8/45	100 J	3700	17SB059	17SS0590001	71	88	1300	260	730
Benzo(b)fluoranthene	UG/KG	8/45	96 J	4300	17SB059	17SS0590001	71	88	1500	300	830
Benzo(g,h,i)perylene	UG/KG	10/45	77 J	4000 J	17SB063	17SS0630002	71	88	1300	310	840
Benzo(k)fluoranthene	UG/KG	7/45	190 J	3400	17SB059	17SS0590001	71	88	1200	230	630
Benzoic Acid	UG/KG	29/41	420 J	860 J	17SB070/TW04	17SS0700001	71	84	540	400	250
Bis(2-ethylhexyl)phthalate	UG/KG	8/45	96 J	490 J	17SB060	17SS0600001	70	88	170	63	73
Butyl Benzyl Phthalate	UG/KG	1/45	430 J	430 J	17SB060	17SS0600001	70	88	430	49	58
Carbazole	UG/KG	3/45	120 J	500	17SB071	17SS0710001	70	88	370	62	88
Chrysene	UG/KG	9/45	90 J	4300	17SB059	17SS0590001	71	88	1400	300	840
di-n-Butyl Phthalate	UG/KG	13/45	80 J	2000 J	17SB055	17SS0550002	70	88	290	110	290
di-n-Octyl Phthalate	UG/KG	2/45	140 J	160 J	17SB060	17SS0600001	70	88	150	45	23
Dibenzofuran	UG/KG	1/45	250 J	250 J	17SB071	17SS0710001	70	88	250	45	31
Dibenzo(a,h)anthracene	UG/KG	6/45	130 J	1200 J	17SB059	17SS0590001	71	88	610	120	250
Dimethyl Phthalate	UG/KG	1/45	230 J	230 J	17SB060	17SS0600001	70	88	230	44	28
Fluoranthene	UG/KG	11/45	100 J	6700	17SB059	17SS0590001	71	88	1800	480	1400
Fluorene	UG/KG	2/45	120 J	410	17SB071	17SS0710001	70	88	270	50	56
Indeno(1,2,3-cd)pyrene	UG/KG	8/45	93 J	3100	17SB063	17SS0630002	71	88	1300	260	680
Isosafrole	UG/KG	2/45	89 J	2900	17SB064/TW03	17SB0641315	70	88	1500	100	430
Naphthalene	UG/KG	1/45	380 J	380 J	17SB071	17SS0710001	70	88	380	48	51
Phenanthrene	UG/KG	8/45	110 J	3700	17SB071	17SS0710001	71	88	1200	240	710
Pyrene	UG/KG	11/45	140 J	7000	17SB059	17SS0590001	71	88	2100	550	1600

TABLE 5

DETECTION FREQUENCIES FOR PRE-2012 PARAMETERS BY MEDIUM
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE, INDIANA

Parameter	Units	Frequency of Detection	Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Sample of Maximum Concentration	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Concentrations	Average of All Results	Standard Deviation
Volatiles											
1,1,1-Trichloroethane	UG/KG	1/45	9.2 J	13	17SB055	17SS0550002	0.9	1	13	0.8	2
2-Butanone	UG/KG	13/45	2 J	25	17SB065	17SB0651416	0.9	1	10	3	6
Acetone	UG/KG	15/45	2.6 J	200 J	17SB072	17SS0720001	0.9	110	78	30	47
Acrolein	UG/KG	2/2	3.1 J	4.9 J	17SB051	17SB0511719			4	4	1
Benzene	UG/KG	1/45	1.4 J	1.4 J	17SB070/TW04	17SB0700405	0.9	1	1	0.5	0.1
Carbon Disulfide	UG/KG	4/45	1.5 J	5.3	17SB053	17SB0530204	0.9	1	3	0.7	0.8
cis-1,2-Dichloroethene	UG/KG	2/45	0.94 J	5.9	17SB051	17SB0511719	0.9	1	3	0.6	0.8
Methylene Chloride	UG/KG	13/45	0.91 J	32 J	17SB070/TW04	17SB0700405	1	21	18	8	9
Methylene Chloride	UG/KG	13/45	0.91 J	32 J	17SB065	17SB0650204-D	1	21	18	8	9
Tetrachloroethene	UG/KG	5/45	2.1 J	550 J	17SB055	17SS0550002	0.9	1	110	13	82
Toluene	UG/KG	1/45	1.8 J	1.8 J	17SB051	17SB0510204	0.9	1	2	0.5	0.2
Total Xylenes	UG/KG	1/45	1.3 J	1.3 J	17SB070/TW04	17SB0700405	0.9	1	1	0.5	0.1
trans-1,2-Dichloroethene	UG/KG	1/45	2.2 J	2.2 J	17SB051	17SB0511719	0.9	1	2	0.5	0.3
Trichloroethene	UG/KG	3/45	4.7	13 J	17SB055	17SS0550002-D	0.9	1	6	0.9	2
Trichlorofluoromethane	UG/KG	1/45	1.2 J	1.2 J	17SB070/TW04	17SB0700405	0.9	1	1	0.5	0.1
Vinyl Chloride	UG/KG	1/45	2 J	2 J	17SB051	17SB0511719	0.9	1	2	0.5	0.2
Gasoline Range Organics-Specific Volatiles											
Benzene	UG/KG	1/45	1.4 J	1.4 J	17SB070/TW04	17SB0700405	0.9	1	1	0.5	0.1
m+p-Xylenes	UG/KG	1/45	1.3 J	1.3 J	17SB070/TW04	17SB0700405	0.9	1	1	0.5	0.1
Toluene	UG/KG	1/45	1.8 J	1.8 J	17SB051	17SB0510204	0.9	1	2	0.5	0.2
Total Xylenes	UG/KG	1/45	1.3 J	1.3 J	17SB070/TW04	17SB0700405	0.9	1	1	0.5	0.1

NA = Not applicable

TABLE 6

DETECTION FREQUENCIES FOR 2012 PARAMETERS BY MEDIUM
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE, INDIANA

Parameter	Units	Frequency of Detection	Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Sample of Maximum Concentration	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Concentrations	Average of All Results	Standard Deviation
SEDIMENT											
Pesticides/PCBs											
Aroclor-1260	MG/KG	14/14	0.0603	6.5	17SW/SD126	17SD1260612	NA	NA	0.8	0.8	2
Total Aroclor	MG/KG	14/14	0.0603	6.5	17SW/SD126	17SD1260612	NA	NA	0.8	0.8	2
Semivolatiles											
1-Methylnaphthalene	UG/KG	1/4	15.8 J	15.8 J	17SW/SD124	17SD1240612	24	26	16	13	2
2-Methylnaphthalene	UG/KG	1/4	14.8 J	14.8 J	17SW/SD124	17SD1240612	24	26	15	13	1
Acenaphthene	UG/KG	1/4	33.8 J	33.8 J	17SW/SD124	17SD1240612	24	26	34	18	11
Acenaphthylene	UG/KG	1/4	67.7	67.7	17SW/SD124	17SD1240612	24	26	68	26	28
Anthracene	UG/KG	2/4	14.9 J	127	17SW/SD124	17SD1240612	24	26	71	42	57
Benzo(a)anthracene	UG/KG	3/4	82.5	2490	17SW/SD124	17SD1240612	26	26	900	680	1200
Benzo(a)pyrene	UG/KG	3/4	80.9	1470	17SW/SD124	17SD1240612	26	26	560	420	700
Benzo(b)fluoranthene	UG/KG	4/4	14.1 J	5090	17SW/SD124	17SD1240612	NA	NA	1400	1400	2500
Benzo(g,h,i)perylene	UG/KG	3/4	84	606	17SW/SD124	17SD1240612	26	26	260	200	270
Benzo(k)fluoranthene	UG/KG	3/4	46.7	1950	17SW/SD124	17SD1240612	26	26	720	540	940
Carbazole	UG/KG	2/4	23.2 J	418	17SW/SD124	17SD1240612	24	26	220	120	200
Chrysene	UG/KG	3/4	97	7870	17SW/SD124	17SD1240612	26	26	2800	2100	3800
Dibenzo(a,h)anthracene	UG/KG	3/4	18.1 J	141	17SW/SD124	17SD1240612	26	26	59	48	62
Fluoranthene	UG/KG	3/4	93.8	25600	17SW/SD124	17SD1240612	26	26	8900	6700	13000
Fluorene	UG/KG	1/4	69.8	69.8	17SW/SD124	17SD1240612	24	26	70	27	29
Indeno(1,2,3-cd)pyrene	UG/KG	3/4	58.8	651	17SW/SD124	17SD1240612	26	26	260	200	300
Naphthalene	UG/KG	1/4	13.7 J	13.7 J	17SW/SD124	17SD1240612	24	26	14	13	0.9
Phenanthrene	UG/KG	3/4	19.3 J	3550	17SW/SD124	17SD1240612	26	26	1300	950	1700
Pyrene	UG/KG	3/4	123	20000	17SW/SD124	17SD1240612	26	26	7000	5200	9800
Volatlies											
2-Butanone	UG/KG	4/4	5.92 J	10.1 J	17SW/SD124	17SD1240006	NA	NA	8	8	2
Acetone	UG/KG	4/4	48 J	225 J	17SW/SD126	17SD1260006	NA	NA	120	120	76
Benzene	UG/KG	2/4	0.394 J	0.437 J	17SW/SD124	17SD1240612	0.6	0.6	0.4	0.4	0.07
Ethylbenzene	UG/KG	1/4	0.285 J	0.285 J	17SW/SD124	17SD1240612	0.6	0.8	0.3	0.3	0.05
Toluene	UG/KG	4/4	0.631 J	1.4	17SW/SD126	17SD1260006	NA	NA	1	1	0.3
Total Xylenes	UG/KG	2/4	0.542 J	0.604 J	17SW/SD126	17SD1260006	0.6	0.6	0.6	0.4	0.2
SOIL											
Pesticides/PCBs											
Aroclor-1242	MG/KG	4/774	0.00395 J	1.37	17SB345	17SB3450608	0.002	2400	0.4	3	45
Aroclor-1254	MG/KG	9/774	0.0023 J	0.127	17SB340	17SB3400204	0.002	2400	0.04	3	45
Aroclor-1254	MG/KG	9/774	0.0023 J	0.127	17SB234	17SS2340001	0.002	2400	0.04	3	45
Aroclor-1260	MG/KG	661/774	0.00151 J	41000	17SB416	17SS4160002	0.002	0.06	110	91	1500
Total Aroclor	MG/KG	663/774	0.00151 J	41000	17SB416	17SS4160002	0.002	0.06	110	91	1500
Semivolatiles											
Pentachlorobenzene	UG/KG	1/2	160 J	160 J	17SB406	17SB4060204	240	240	160	140	28
1,2,4,5-Tetrachlorobenzene	UG/KG	2/2	2030	12800	17SB406	17SB4060204	NA	NA	7400	7400	7600
Volatlies											
1,2,4-Trichlorobenzene	UG/KG	2/2	53.3	2880	17SB406	17SB4060204	NA	NA	1500	1500	2000

TABLE 6

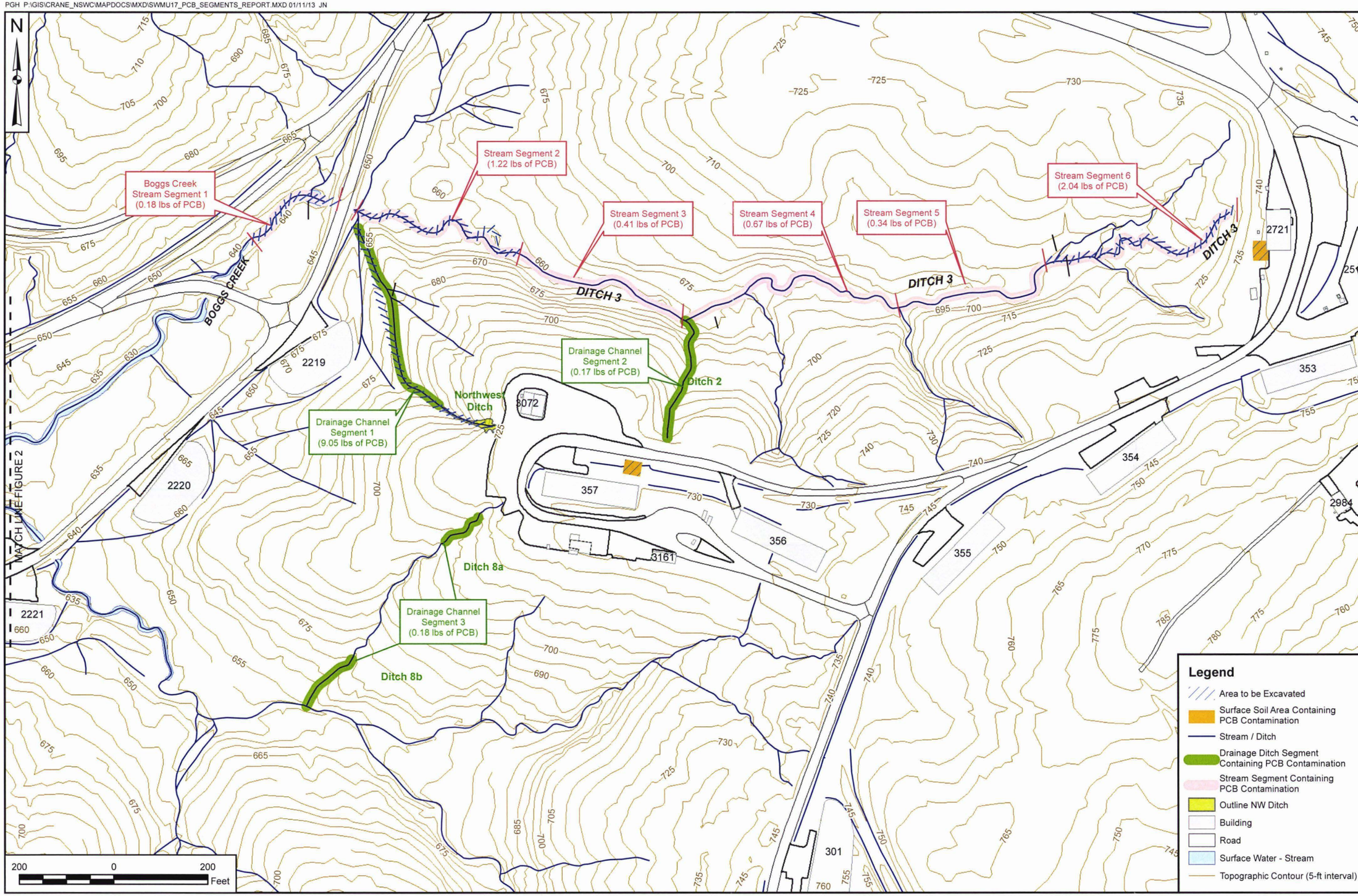
DETECTION FREQUENCIES FOR 2012 PARAMETERS BY MEDIUM
REPORT FOR PCB DELINEATION TO SUPPORT PRESCRIPTIVE REMEDIATION
SOLID WASTE MANAGEMENT UNIT 17
NSA CRANE, CRANE, INDIANA

Parameter	Units	Frequency of Detection	Minimum Concentration	Maximum Concentration	Location of Maximum Concentration	Sample of Maximum Concentration	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Concentrations	Average of All Results	Standard Deviation
SURFACE WATER											
Pesticides/PCBs											
Aroclor-1260	UG/L	2/2	1.22 J	3.08 J	17SW/SD126	17SW126050112	NA	NA	2	2	1
Total Aroclor	UG/L	2/2	1.22 J	3.08 J	17SW/SD126	17SW126050112	NA	NA	2	2	1
Semivolatiles											
Benzo(a)anthracene	UG/L	1/2	0.48 J	0.48 J	17SW/SD124	17SW124050112	0.6	0.6	0.5	0.4	0.1
Benzo(a)pyrene	UG/L	1/2	0.45 J	0.45 J	17SW/SD124	17SW124050112	0.6	0.6	0.5	0.4	0.1
Benzo(b)fluoranthene	UG/L	1/2	0.86 J	0.86 J	17SW/SD124	17SW124050112	0.6	0.6	0.9	0.6	0.4
Benzo(g,h,i)perylene	UG/L	1/2	0.41 J	0.41 J	17SW/SD124	17SW124050112	0.6	0.6	0.4	0.4	0.08
Benzo(k)fluoranthene	UG/L	1/2	0.5 J	0.5 J	17SW/SD124	17SW124050112	0.6	0.6	0.5	0.4	0.1
Chrysene	UG/L	1/2	0.89 J	0.89 J	17SW/SD124	17SW124050112	0.6	0.6	0.9	0.6	0.4
Fluoranthene	UG/L	1/2	1.02	1.02	17SW/SD124	17SW124050112	0.6	0.6	1	0.7	0.5
Indeno(1,2,3-cd)pyrene	UG/L	1/2	0.38 J	0.38 J	17SW/SD124	17SW124050112	0.6	0.6	0.4	0.3	0.06
Pentachlorophenol	UG/L	1/2	23	23	17SW/SD124	17SW124050112	6	6	23	13	14
Pyrene	UG/L	1/2	0.88 J	0.88 J	17SW/SD124	17SW124050112	0.6	0.6	0.9	0.6	0.4

NA = Not applicable

FIGURES

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_SEGMENTS_REPORT.MXD 01/11/13 JN



CONTRACT NUMBER
CTO 42

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FIGURE NO.	REV
1	0

AREAS OF CONTAMINATION
SWMU 17 PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, & SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

NAVFAC

DRAWN BY	DATE
J. ENGLISH	04/29/10
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T. JOHNSTON	01/11/13
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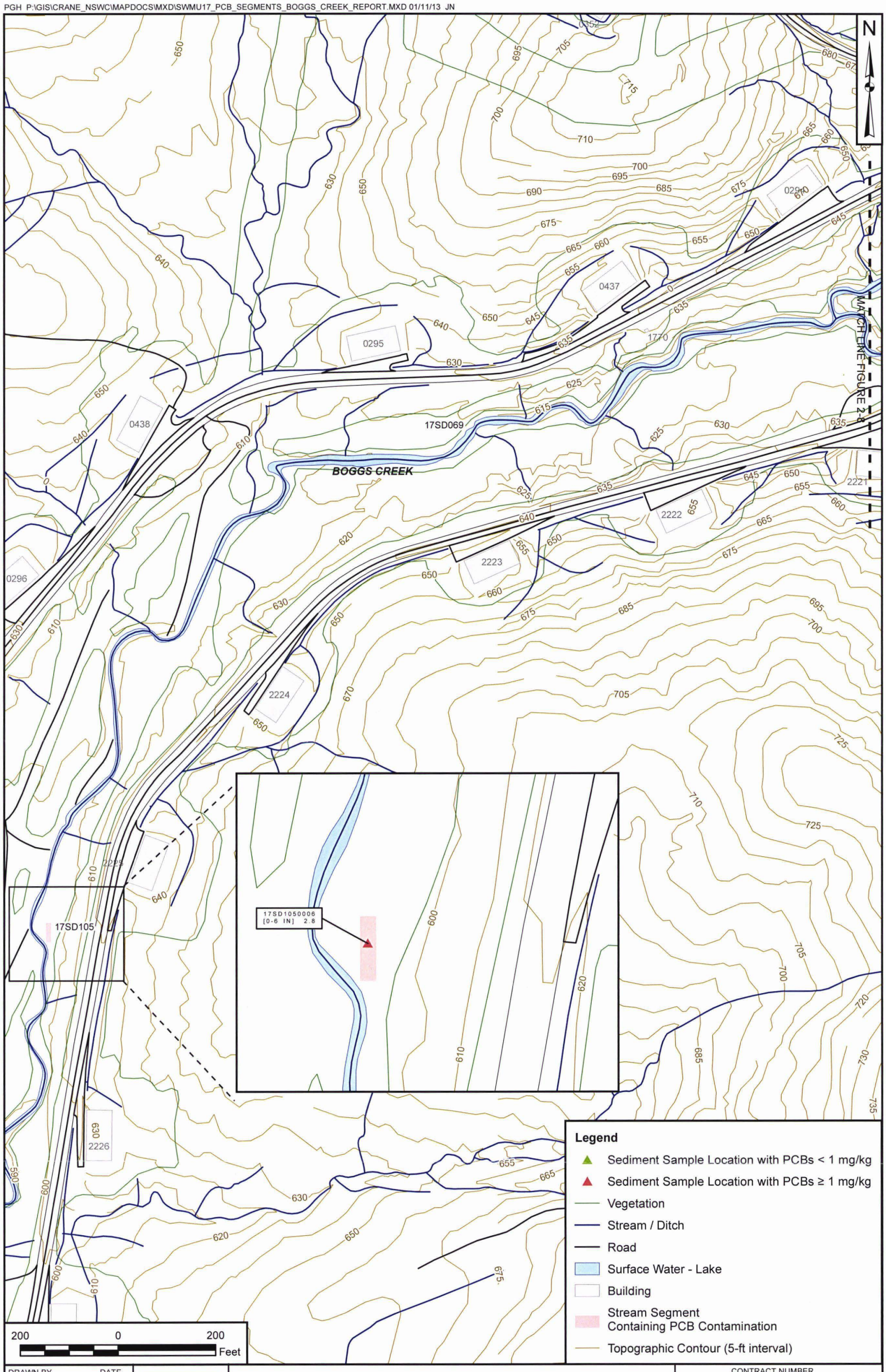
J. NOVAK	01/11/13
SCALE	
AS NOTED	

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_SEGMENTS_BOGGS_CREEK_REPORT.MXD 01/11/13 JN



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EXTENT OF CONTAMINATION NEAR SEDIMENT SAMPLING
LOCATION 17SD105
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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CTO F271	
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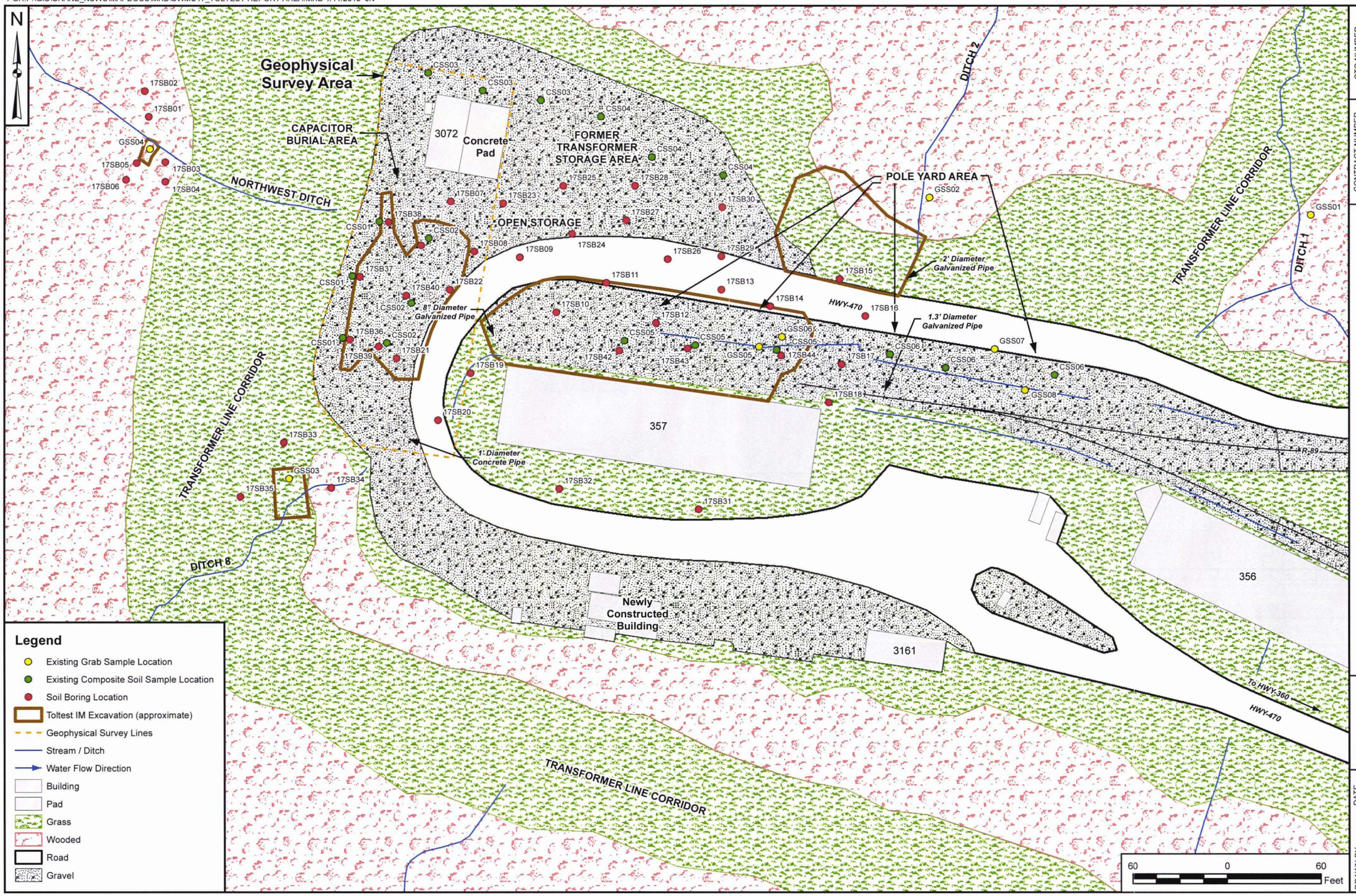
—	—
FIGURE NO. 2	REV 0

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_TOLTEST REPORT AREA.MXD 1/11/2013 JN



CONTRACT NUMBER	CTO NUMBER F271
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. 3	REV 0

2004 INTERIM MEASURES EXCAVATION AREAS
SWMU17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA, CRANE
CRANE, INDIANA

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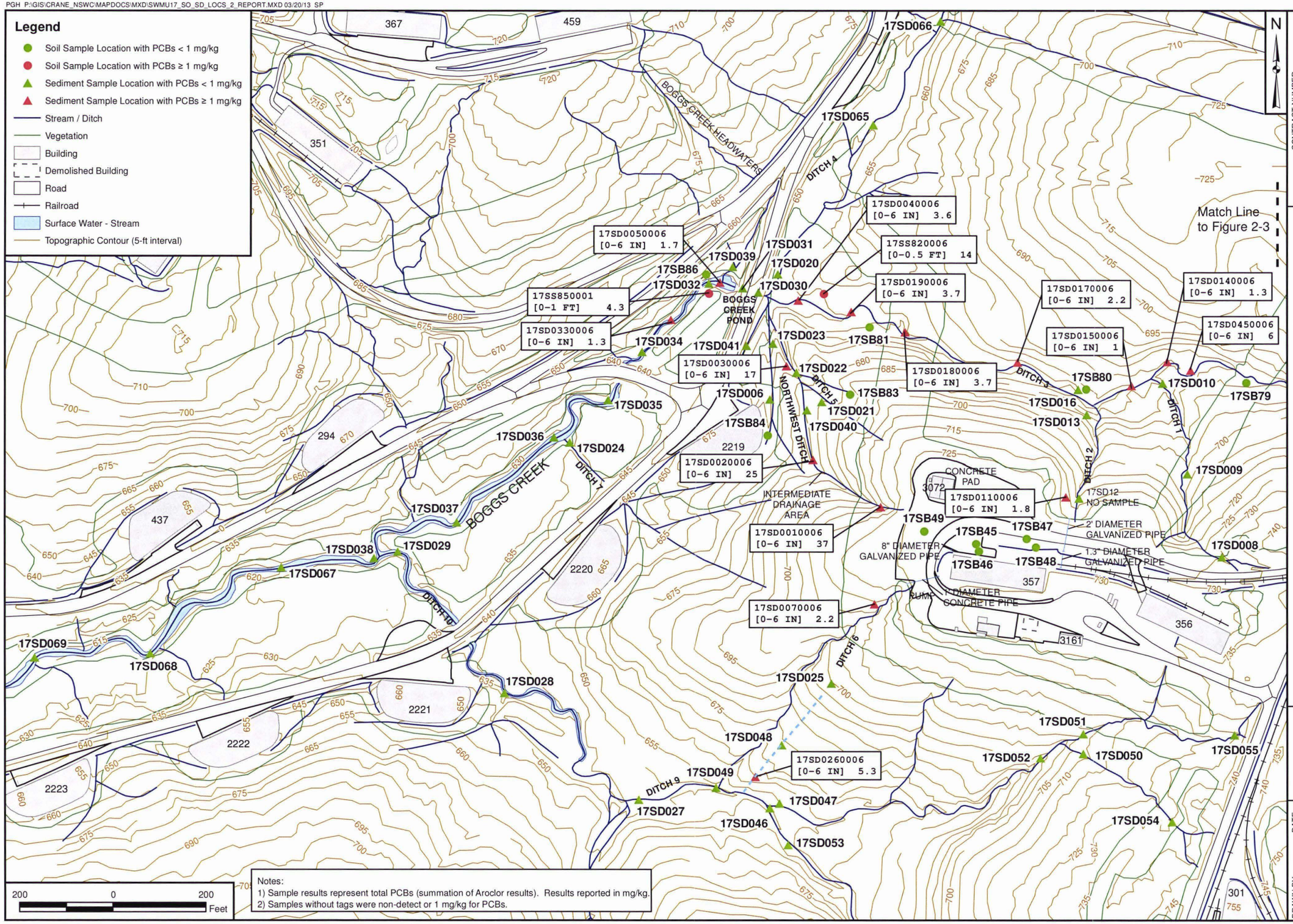
SCALE AS NOTED

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_SO_SD_LOCS_2_REPORT.MXD 03/20/13 SP



Notes:
1) Sample results represent total PCBs (summation of Aroclor results). Results reported in mg/kg.
2) Samples without tags were non-detect or 1 mg/kg for PCBs.

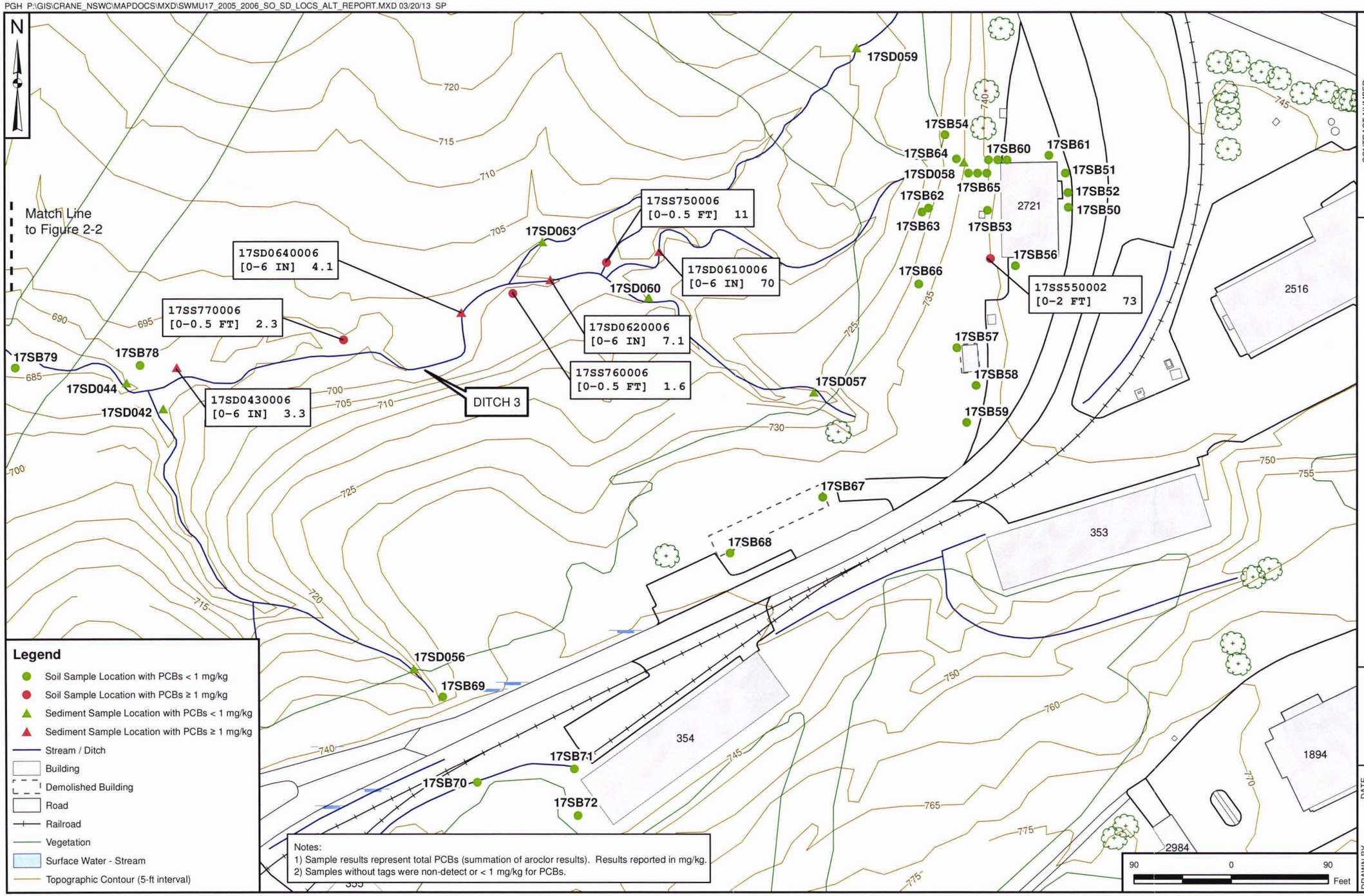
TETRA TECH 2005 AND 2006 FIELD INVESTIGATIONS - WEST
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

CONTRACT NUMBER CTO F271			REV 0
APPROVED BY	DATE		
APPROVED BY	DATE	FIGURE NO.	4

DRAWN BY S. STROZ	DATE 05/03/11	CHECKED BY T. JOHNSTON	DATE 03/20/13	REVISED BY J. NOVAK	DATE 03/20/13

SCALE AS NOTED

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_2005_2006_SO_SD_LOCS_ALT_REPORT.MXD 03/20/13 SP



CONTRACT NUMBER F271

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FIGURE NO. 5

REV 0

TETRA TECH 2005 AND 2006 FIELD INVESTIGATIONS - EAST
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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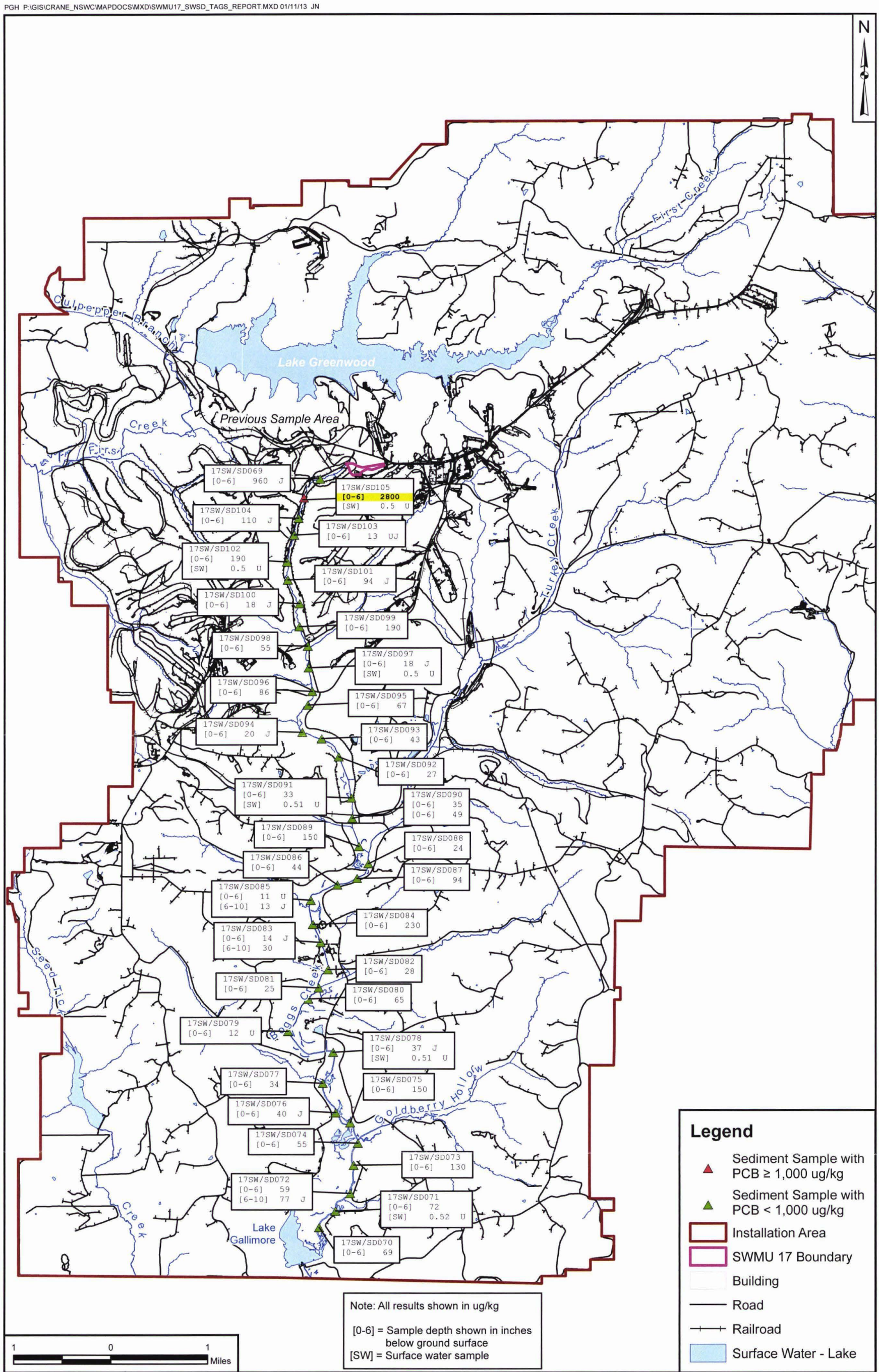
REVISED BY J. NOVAK	03/20/13

SCALE AS NOTED

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_SWSD_TAGS_REPORT.MXD 01/11/13 JN

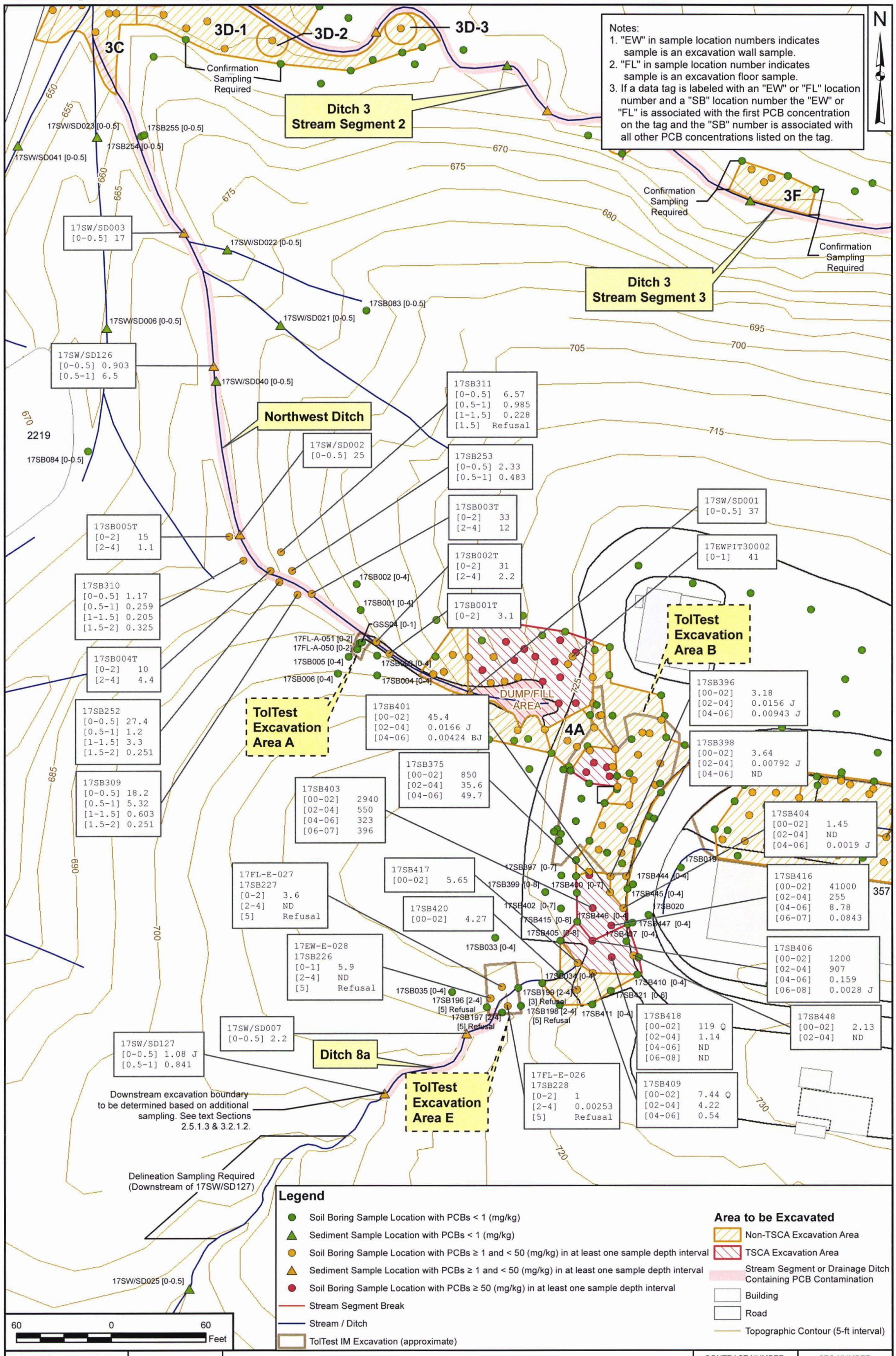


Note: All results shown in ug/kg

[0-6] = Sample depth shown in inches below ground surface
[SW] = Surface water sample

DRAWN BY T. WHEATON	DATE 05/21/10	2005/2006FIELD INVESTIGATION SAMPLE RESULTS - BOGGS CREEK DETAIL SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD REPORT FOR SAMPLING, TRENCHING, & SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION NSA CRANE CRANE, INDIANA	CONTRACT NUMBER F271
CHECKED BY T. JOHNSTON	DATE 01/11/13		APPROVED BY — DATE —
REVISED BY J. NOVAK	DATE 01/11/13		APPROVED BY — DATE —
SCALE AS NOTED	NAVFAC		FIGURE NO. 6 / REV 0

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_10-A_FINAL_REPORT.MXD 3/13/2013 JN



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T. JOHNSTON	3/13/2013
REVISED BY	DATE
J. NOVAK	3/13/2013
SCALE	
AS NOTED	

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2005-06-11-12 TOTAL PCB CONCENTRATIONS GREATER THAN 1 mg/kg
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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—	F271
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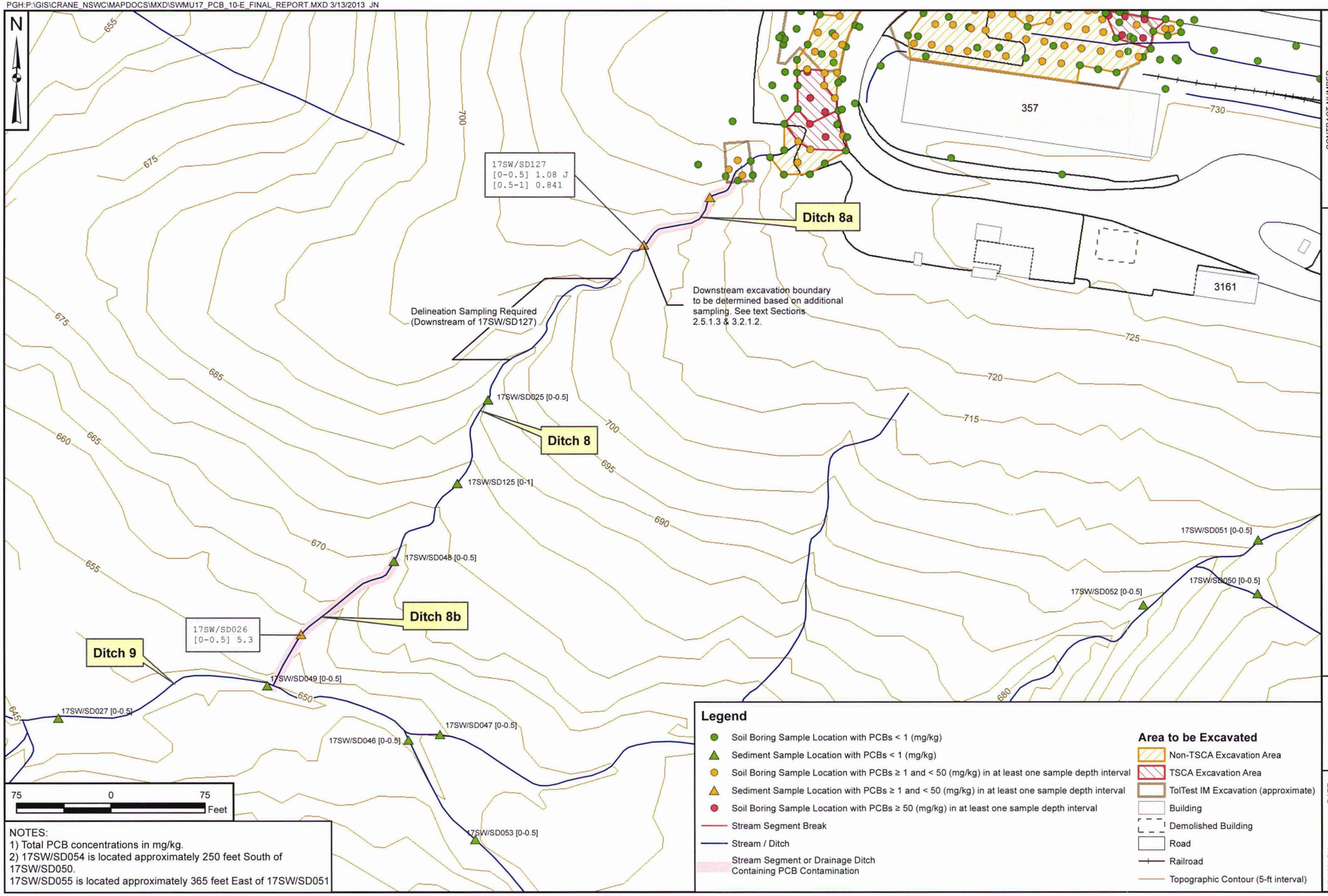
—	—
FIGURE NO. 7	REV 0

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_10-E_FINAL_REPORT.MXD 3/13/2013 JN



NOTES:
1) Total PCB concentrations in mg/kg.
2) 17SW/SD054 is located approximately 250 feet South of 17SW/SD050.
17SW/SD055 is located approximately 365 feet East of 17SW/SD051

CONTRACT NUMBER
CTO F271

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FIGURE NO. 8

REV 0

2005-06-11-12 PCB CONCENTRATIONS IN DITCH 8
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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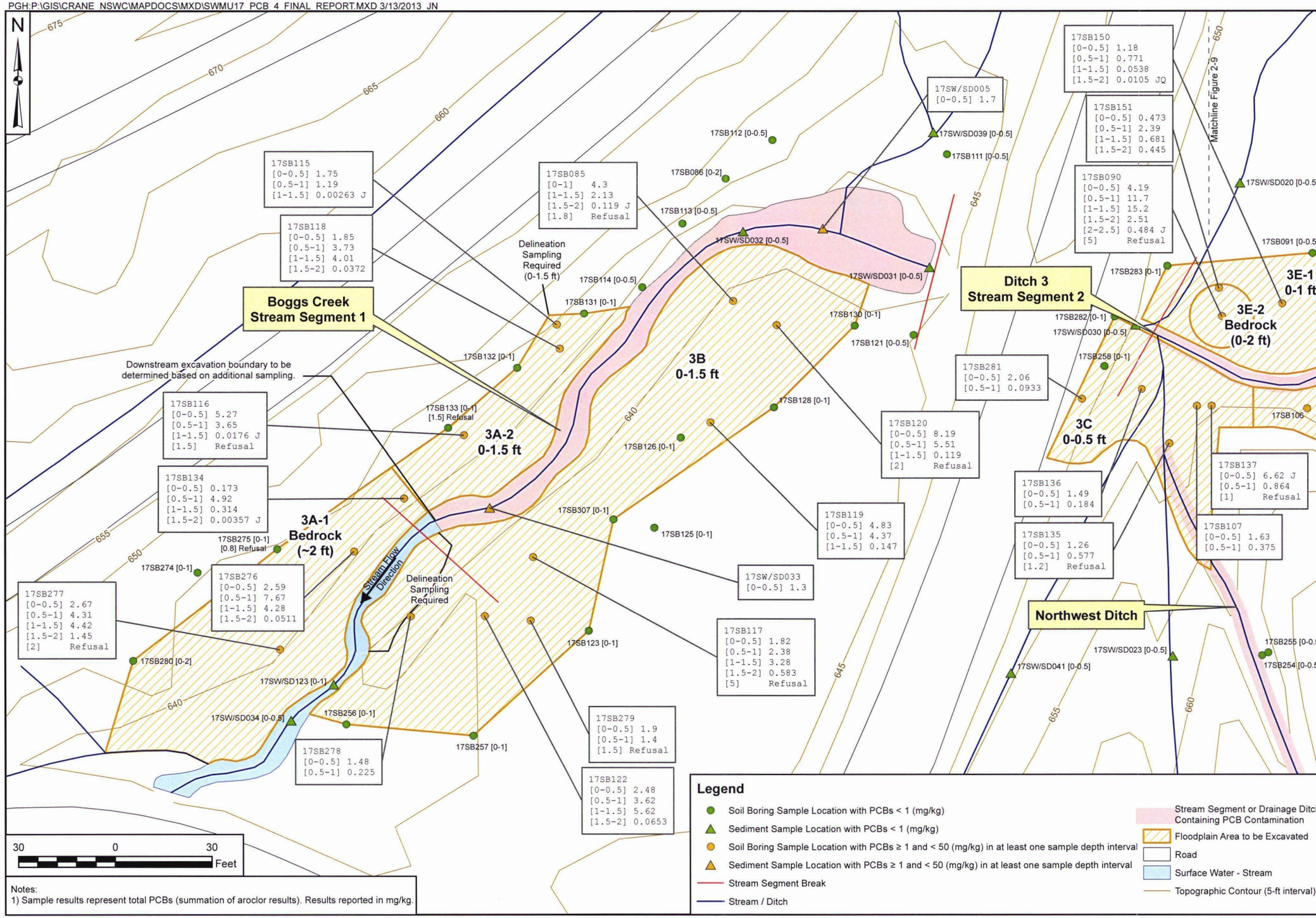
REVISED BY J. NOVAK	3/13/2013

SCALE AS NOTED

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_4_FINAL_REPORT.MXD 3/13/2013 JN



Notes:
1) Sample results represent total PCBs (summation of aroclor results). Results reported in mg/kg.

Legend

- Soil Boring Sample Location with PCBs < 1 (mg/kg)
- Sediment Sample Location with PCBs < 1 (mg/kg)
- Soil Boring Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Stream Segment Break
- Stream / Ditch
- Stream Segment or Drainage Ditch Containing PCB Contamination
- Floodplain Area to be Excavated
- Road
- Surface Water - Stream
- Topographic Contour (5-ft interval)

CONTRACT NUMBER CTO F271

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FIGURE NO. 9

REV 0

2005-06-11-12 SAMPLE RESULTS-STREAM SEGMENT 1
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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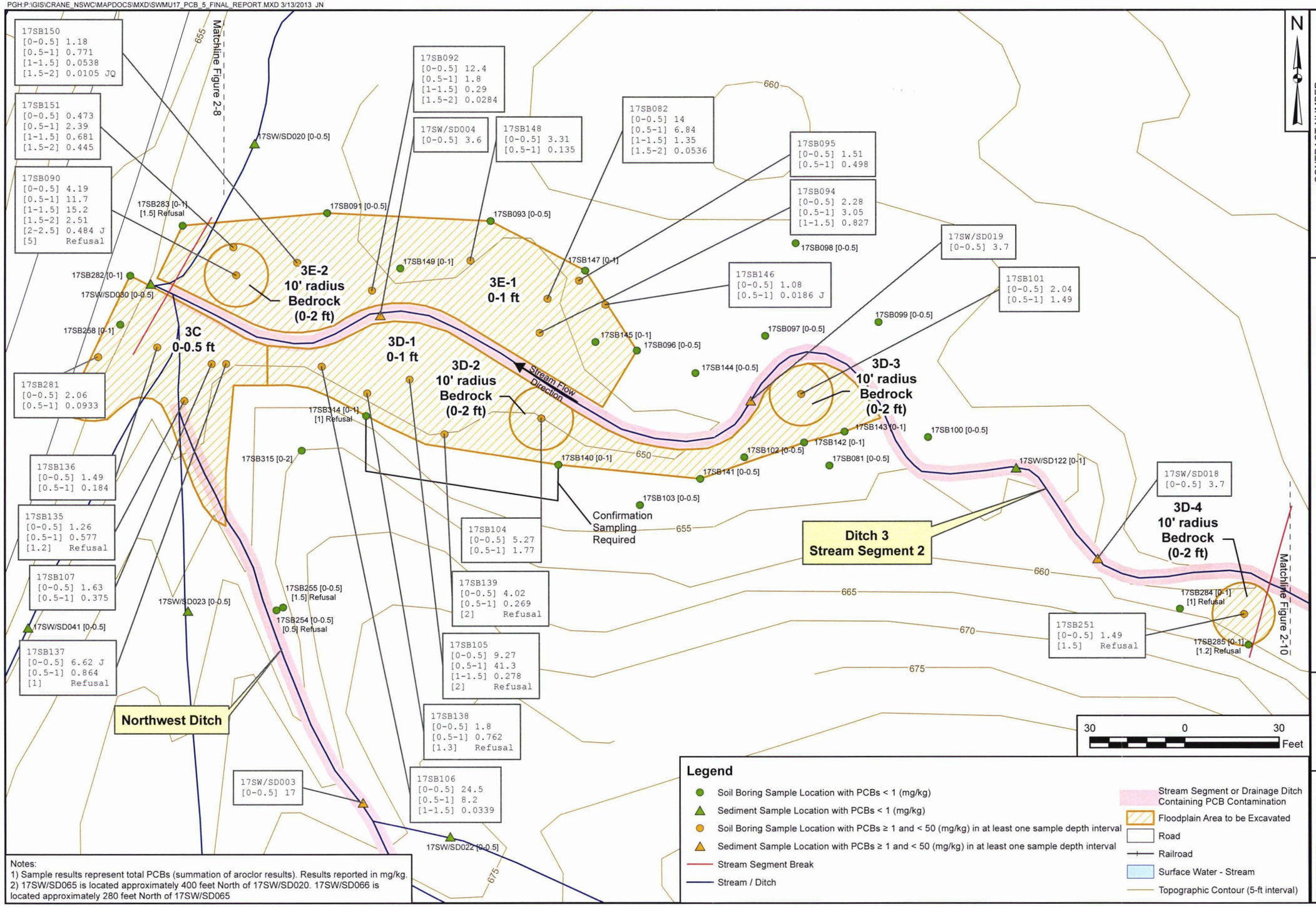
		SCALE AS NOTED

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_5_FINAL_REPORT.MXD 3/13/2013 JN



Notes:
1) Sample results represent total PCBs (summation of aroclor results). Results reported in mg/kg.
2) 17SW/SD065 is located approximately 400 feet North of 17SW/SD020. 17SW/SD066 is located approximately 280 feet North of 17SW/SD065

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CTO F271

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FIGURE NO. 10

REV 0

2005-06-11-12 SAMPLE RESULTS - STREAM SEGMENT 2
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

NAVFAC

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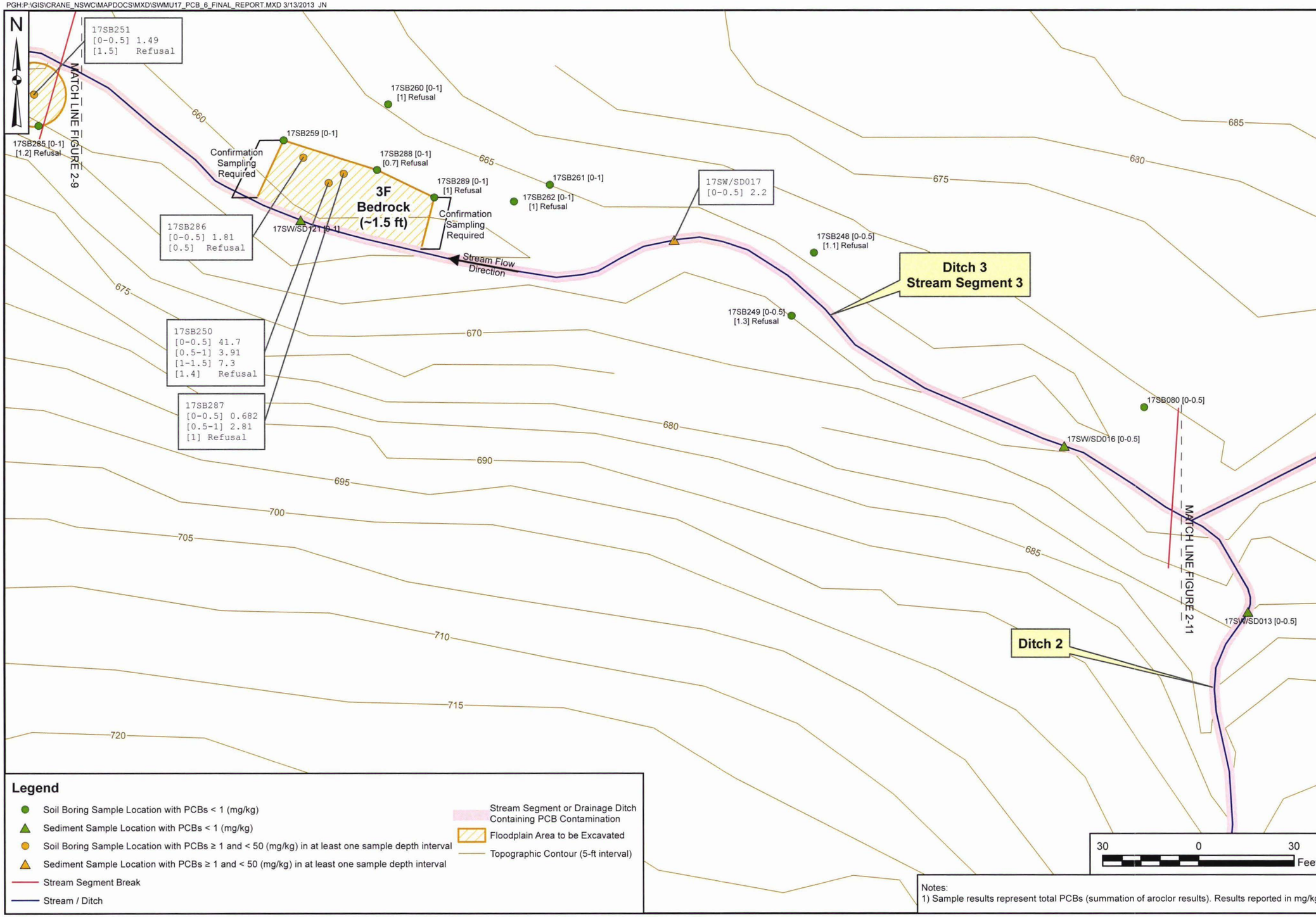
CHECKED BY T. JOHNSTON	DATE 3/13/2013	
REVISED BY J. NOVAK	DATE 3/13/2013	SCALE AS NOTED

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_6_FINAL_REPORT.MXD 3/13/2013 JN



Legend

- Soil Boring Sample Location with PCBs < 1 (mg/kg)
- Sediment Sample Location with PCBs < 1 (mg/kg)
- Soil Boring Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Stream Segment Break
- Stream / Ditch
- Stream Segment or Drainage Ditch Containing PCB Contamination
- Floodplain Area to be Excavated
- Topographic Contour (5-ft interval)

Notes:
1) Sample results represent total PCBs (summation of aroclor results). Results reported in mg/kg.

CONTRACT NUMBER
CTO F271

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REV 0

FIGURE NO. 11

2005-06-11-12 SAMPLE RESULTS - STREAM SEGMENT 3
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

NAVFAC

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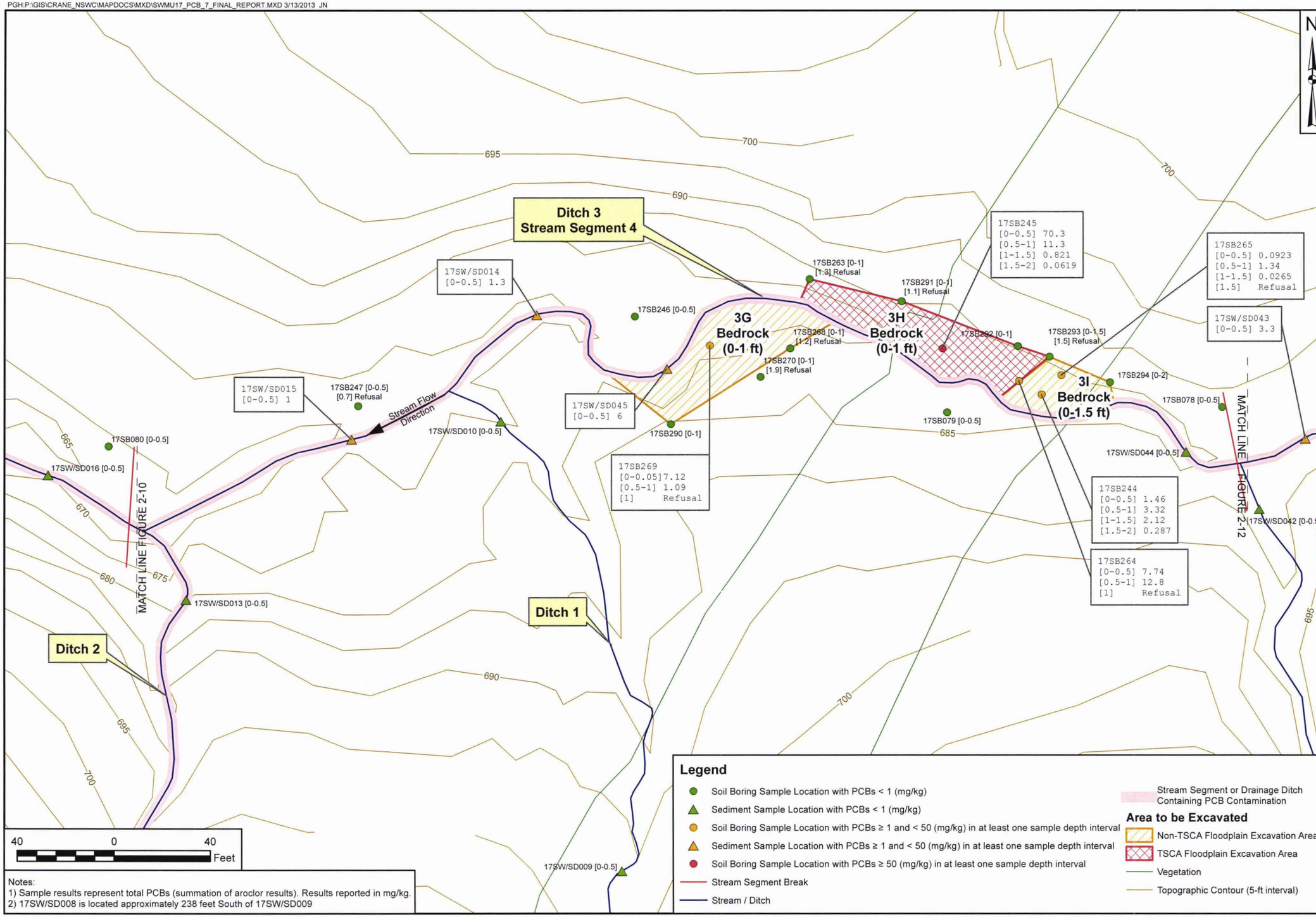
CHECKED BY T. JOHNSTON	DATE 3/13/2013
REVISED BY J. NOVAK	DATE 3/13/2013
SCALE AS NOTED	

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_7_FINAL_REPORT.MXD 3/13/2013 JN



Notes:
1) Sample results represent total PCBs (summation of aroclor results). Results reported in mg/kg.
2) 17SW/SD008 is located approximately 238 feet South of 17SW/SD009

CONTRACT NUMBER
CTO F271

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FIGURE NO. 12

REV 0

2005-06-11-12 SAMPLE RESULTS - STREAM SEGMENT 4
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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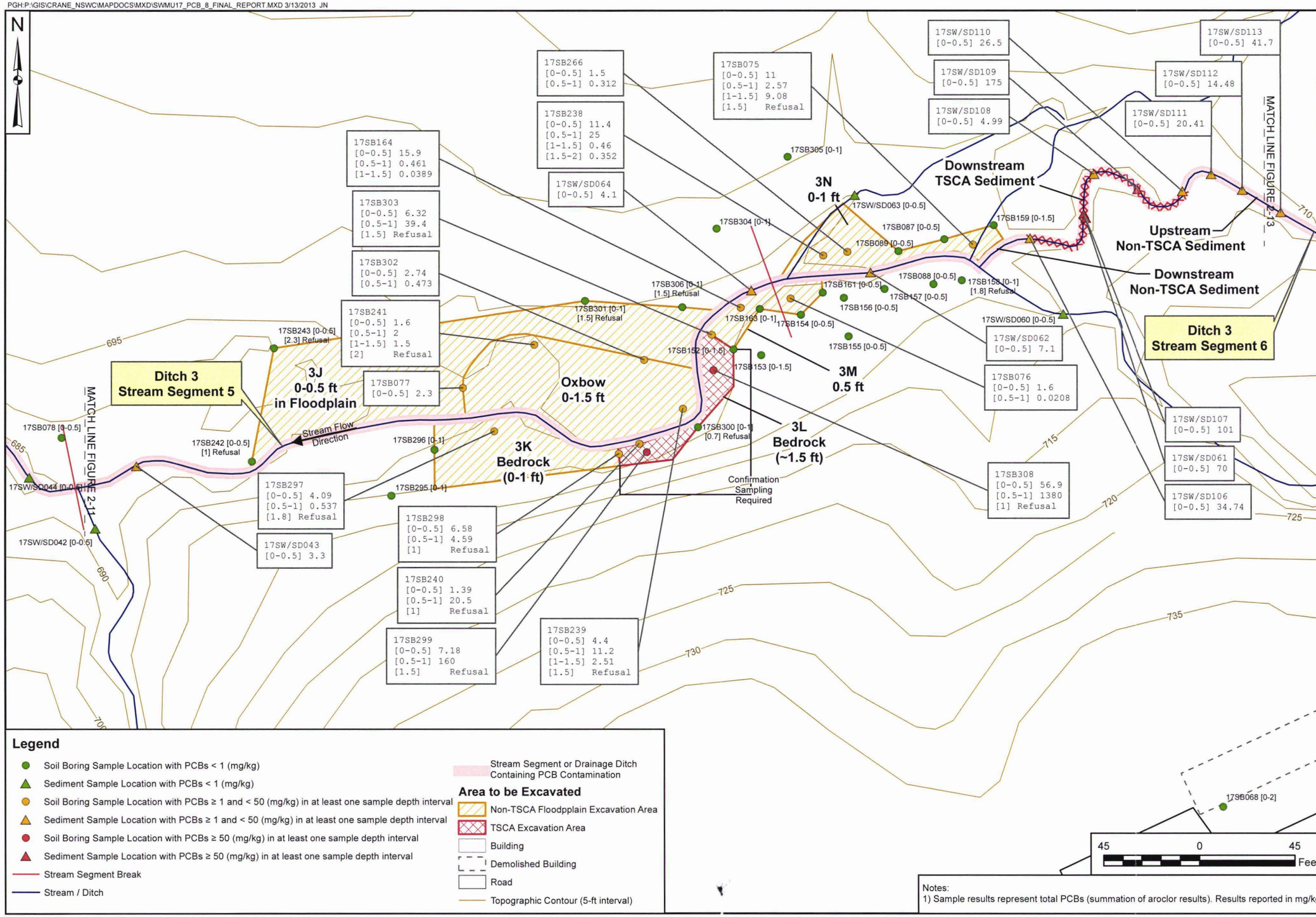
	DATE
DRAWN BY J. NOVAK	5/24/2012
CHECKED BY T. JOHNSTON	3/13/2013
REVISED BY J. NOVAK	3/13/2013

SCALE AS NOTED

PGH:P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_8_FINAL_REPORT.MXD 3/13/2013 JN



Legend

- Soil Boring Sample Location with PCBs < 1 (mg/kg)
- Sediment Sample Location with PCBs < 1 (mg/kg)
- Soil Boring Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Soil Boring Sample Location with PCBs ≥ 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 50 (mg/kg) in at least one sample depth interval
- Stream Segment Break
- Stream / Ditch
- Stream Segment or Drainage Ditch Containing PCB Contamination

Area to be Excavated

- Non-TSCA Floodpplain Excavation Area
- TSCA Excavation Area
- Building
- Demolished Building
- Road
- Topographic Contour (5-ft interval)

Notes:
1) Sample results represent total PCBs (summation of aroclor results). Results reported in mg/kg.

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FIGURE NO. 13

REV 0

2005-06-11-12 SAMPLE RESULTS - STREAM SEGMENTS 5 AND 6
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, & SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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REVISED BY J. NOVAK	DATE 3/13/2013	SCALE AS NOTED

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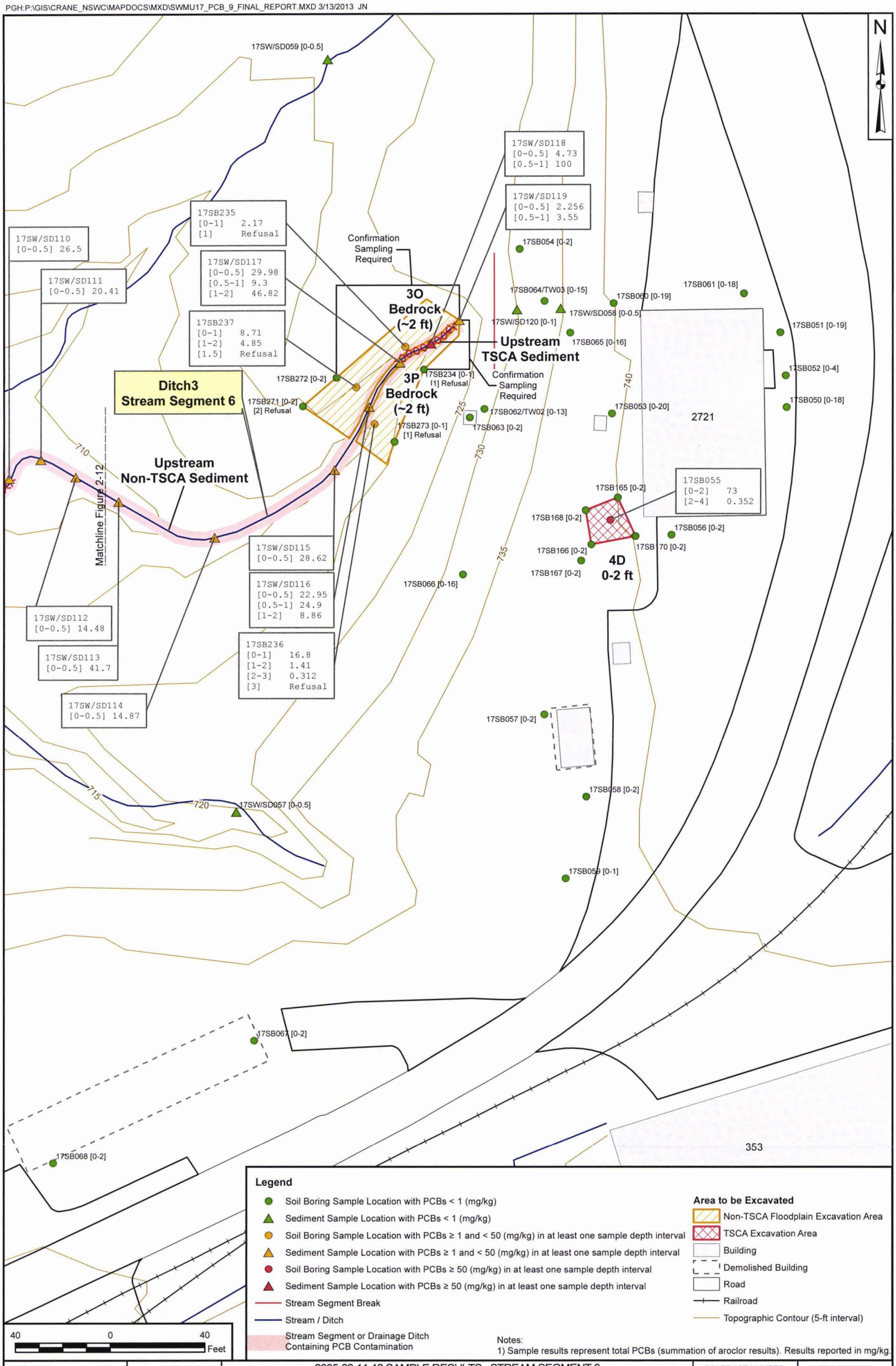

Legend

- Soil Boring Sample Location with PCBs < 1 (mg/kg)
- Sediment Sample Location with PCBs < 1 (mg/kg)
- Soil Boring Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Soil Boring Sample Location with PCBs ≥ 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 50 (mg/kg) in at least one sample depth interval
- Stream Segment Break
- Stream / Ditch
- Stream Segment or Drainage Ditch Containing PCB Contamination

Area to be Excavated

- Non-TSCA Floodplain Excavation Area
- TSCA Excavation Area
- Building
- Demolished Building
- Road
- Railroad
- Topographic Contour (5-ft interval)

Notes:
1) Sample results represent total PCBs (summation of aroclor results). Results reported in mg/kg.

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2005-06-11-12 SAMPLE RESULTS - STREAM SEGMENT 6
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
NSA CRANE
CRANE, INDIANA

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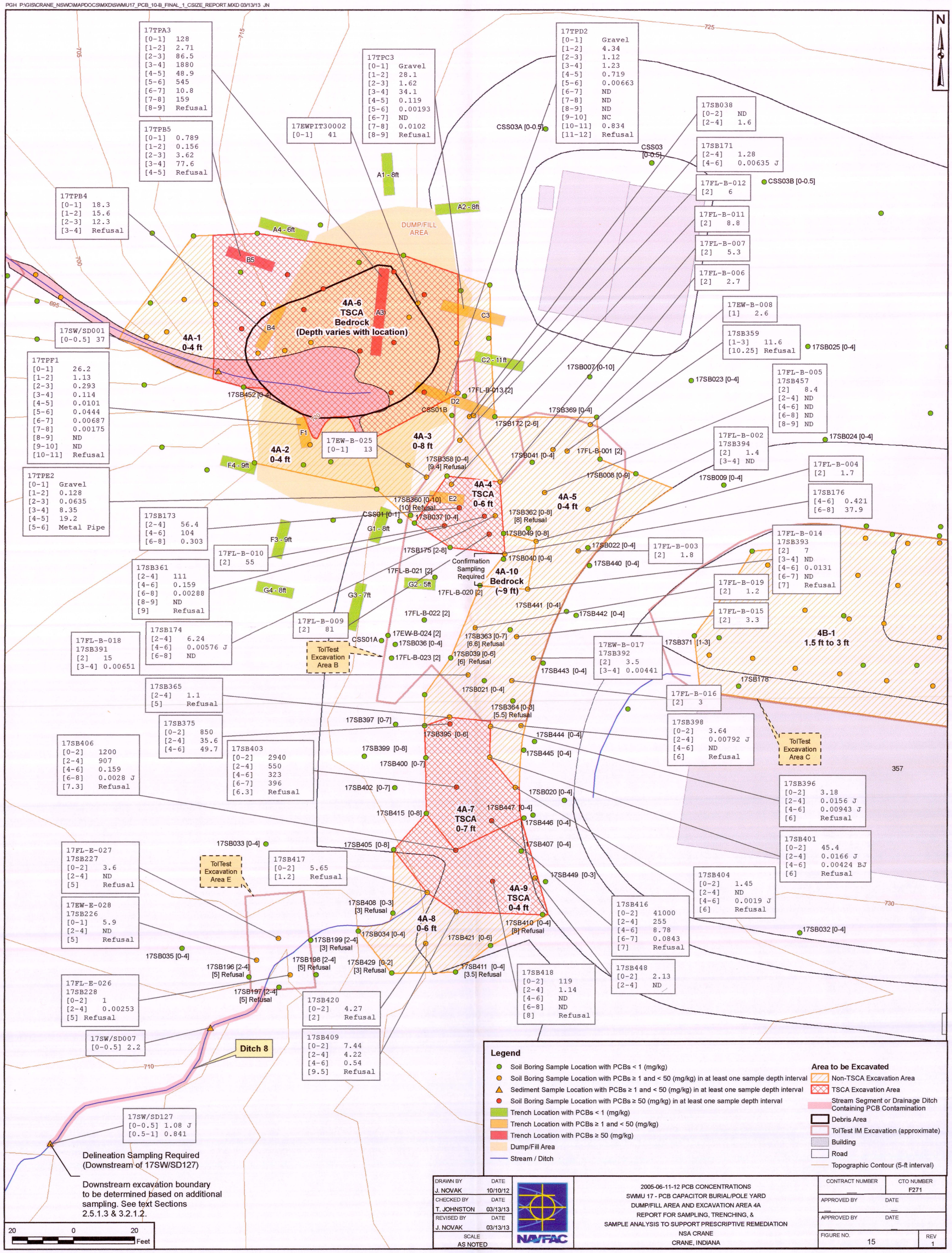
FIGURE NO. 14	REV 0

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_10-B_FINAL_1_CSIZE_REPORT.MXD 03/13/13 JN



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2005-06-11-12 PCB CONCENTRATIONS
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
DUMP/FILL AREA AND EXCAVATION AREA 4A
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
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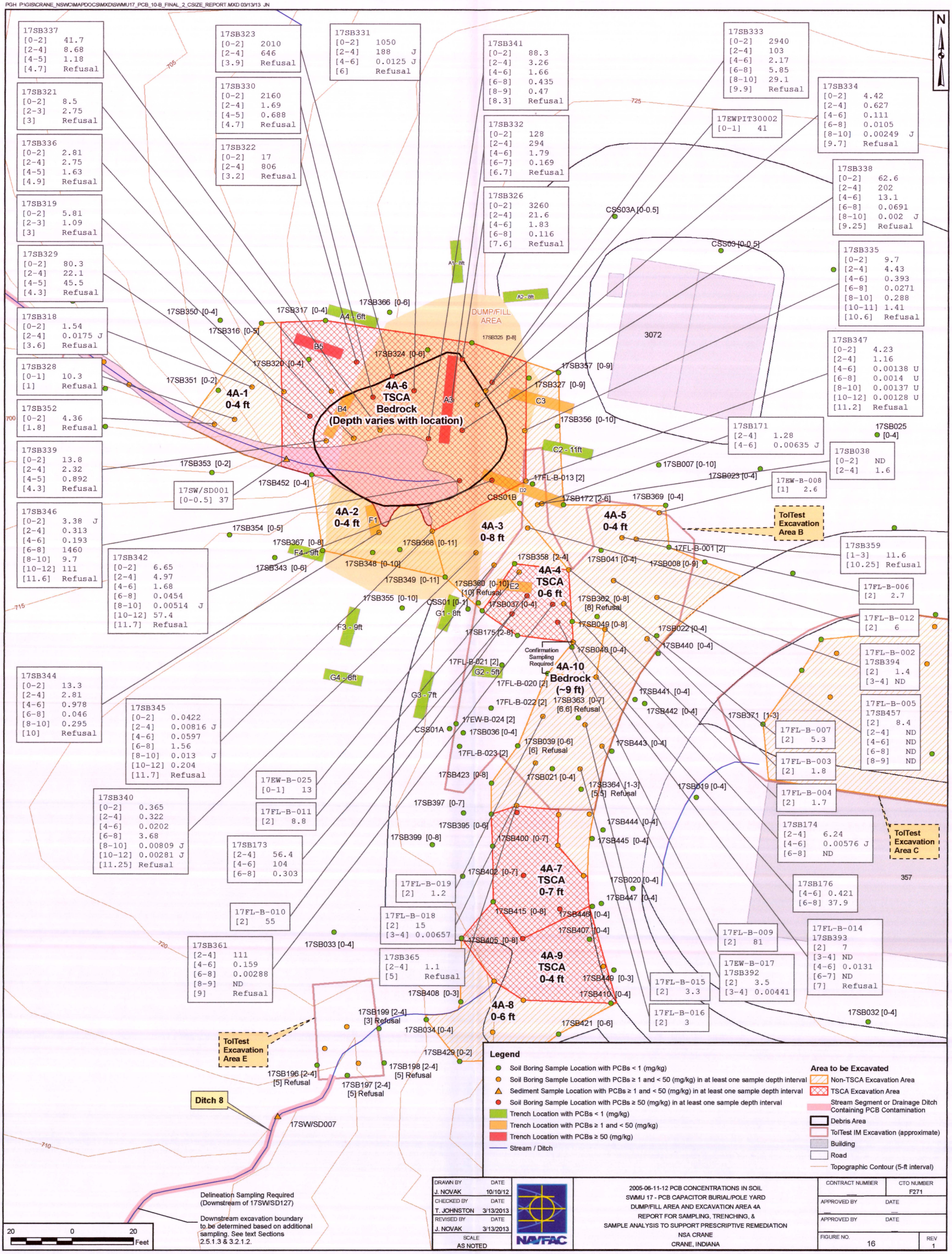
FIGURE NO. 15	REV 1

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_10-B_FINAL_2_CSIZE_REPORT.MXD 03/13/13 JN



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2005-06-11-12 PCB CONCENTRATIONS IN SOIL
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD
DUMP/FILL AREA AND EXCAVATION AREA 4A
REPORT FOR SAMPLING, TRENCHING, &
SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
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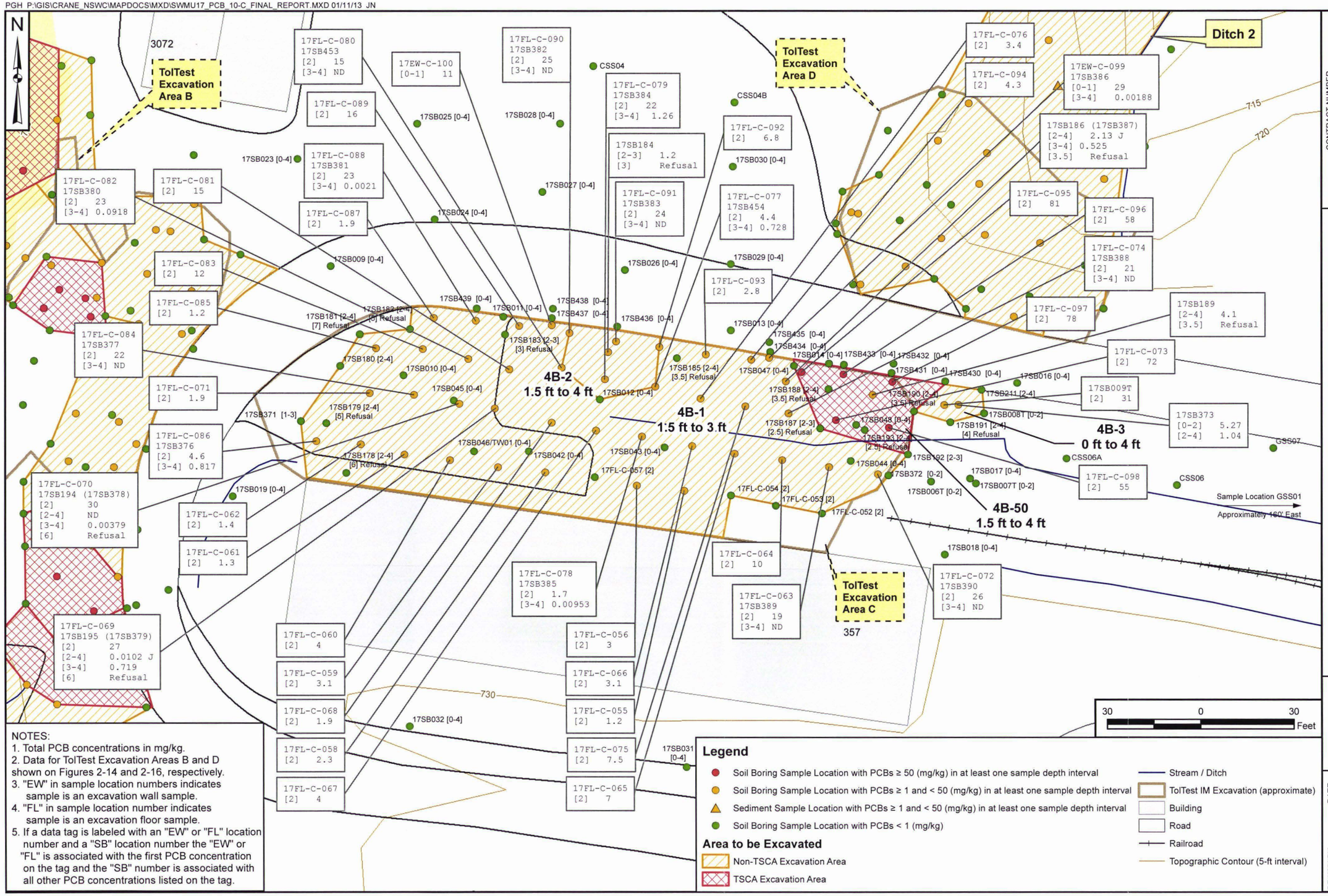
FIGURE NO. 16	REV 1

PGH P:\GIS\CRANE_NSWC\MAPDOCS\MXD\SWMU17_PCB_10-C_FINAL_REPORT.MXD 01/11/13 JN



NOTES:
1. Total PCB concentrations in mg/kg.
2. Data for TolTest Excavation Areas B and D shown on Figures 2-14 and 2-16, respectively.
3. "EW" in sample location numbers indicates sample is an excavation wall sample.
4. "FL" in sample location number indicates sample is an excavation floor sample.
5. If a data tag is labeled with an "EW" or "FL" location number and a "SB" location number the "EW" or "FL" is associated with the first PCB concentration on the tag and the "SB" number is associated with all other PCB concentrations listed on the tag.

Legend

- Soil Boring Sample Location with PCBs ≥ 50 (mg/kg) in at least one sample depth interval
- Soil Boring Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Soil Boring Sample Location with PCBs < 1 (mg/kg)

Area to be Excavated

- Non-TSCA Excavation Area
- TSCA Excavation Area

- Stream / Ditch
- TolTest IM Excavation (approximate)
- Building
- Road
- Railroad
- Topographic Contour (5-ft interval)

PREVIOUS TOLTEST EXCAVATION AREA C RESIDUAL PCB CONCENTRATIONS AND 2012 PCB CONCENTRATIONS
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD EXCAVATION AREA 4B
REPORT FOR SAMPLING, TRENCHING, & SAMPLE ANALYSIS TO SUPPORT PRESCRIPTIVE REMEDIATION
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FIGURE NO. 17			
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REVISED BY J. NOVAK	DATE 01/11/13	SCALE AS NOTED	

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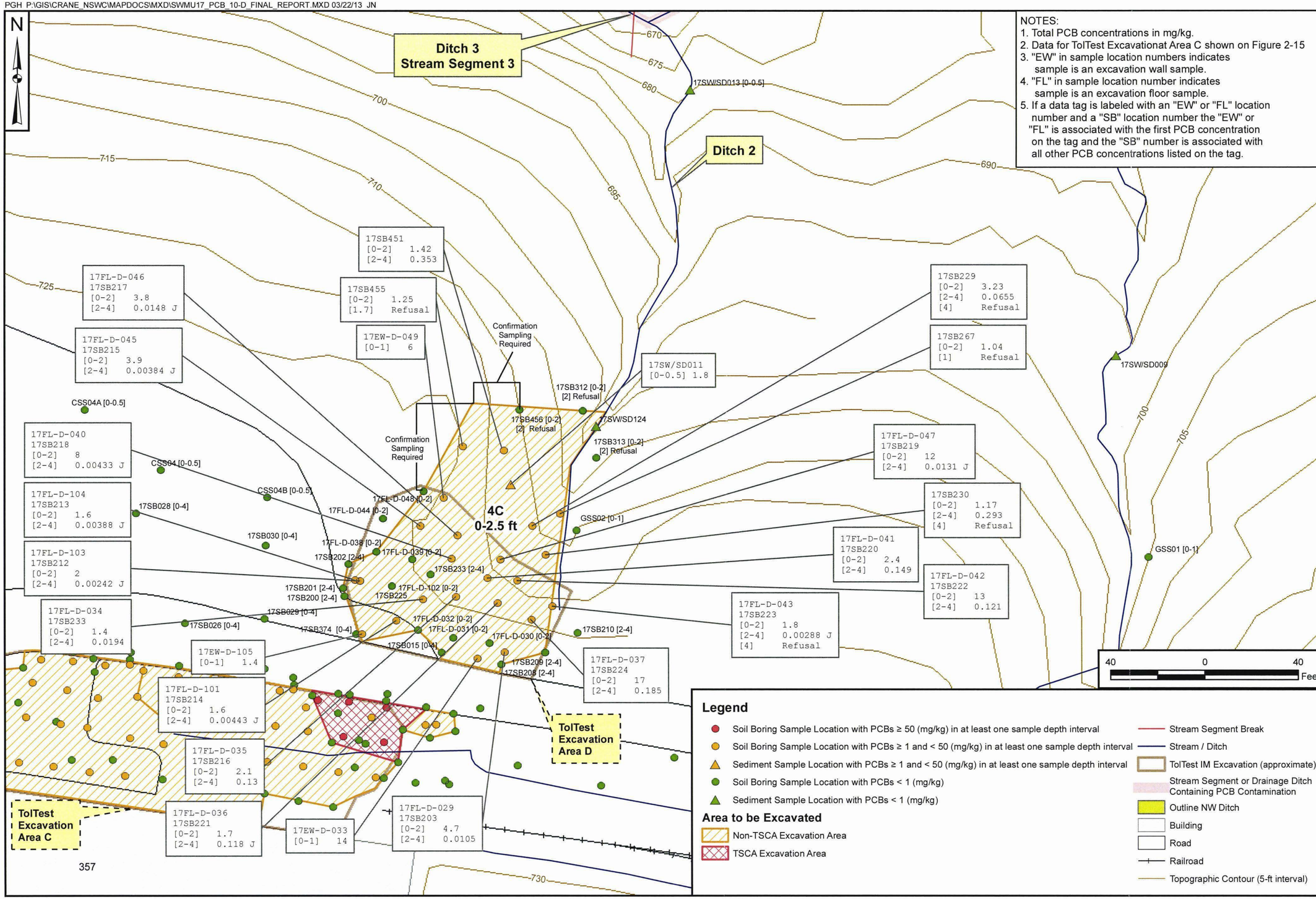

NOTES:
1. Total PCB concentrations in mg/kg.
2. Data for TolTest Excavationat Area C shown on Figure 2-15
3. "EW" in sample location numbers indicates sample is an excavation wall sample.
4. "FL" in sample location number indicates sample is an excavation floor sample.
5. If a data tag is labeled with an "EW" or "FL" location number and a "SB" location number the "EW" or "FL" is associated with the first PCB concentration on the tag and the "SB" number is associated with all other PCB concentrations listed on the tag.

Legend

- Soil Boring Sample Location with PCBs ≥ 50 (mg/kg) in at least one sample depth interval
- Soil Boring Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Sediment Sample Location with PCBs ≥ 1 and < 50 (mg/kg) in at least one sample depth interval
- Soil Boring Sample Location with PCBs < 1 (mg/kg)
- Sediment Sample Location with PCBs < 1 (mg/kg)

Area to be Excavated

- Non-TSCA Excavation Area
- TSCA Excavation Area
- Stream Segment Break
- Stream / Ditch
- TolTest IM Excavation (approximate)
- Stream Segment or Drainage Ditch Containing PCB Contamination
- Outline NW Ditch
- Building
- Road
- Railroad
- Topographic Contour (5-ft interval)

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FIGURE NO. 18

REV 1

PREVIOUS TOLTEST EXCAVATION AREA D RESIDUAL PCB CONCENTRATIONS AND 2012 PCB CONCENTRATIONS
SWMU 17 - PCB CAPACITOR BURIAL/POLE YARD EXCAVATION AREA 4C
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APPENDICES

(ON CD)