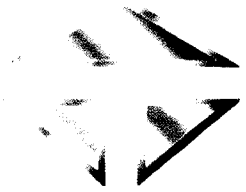
SUPPLEMENTAL INVESTIGATION WORK PLAN

NORTH PLANT TRINITY INDUSTRIES,

Greenville, Pennsylvania

VOLUME 1 OF 2

Prepared for :



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SUPPLEMENTAL INVESTIGATION WORK PLAN
NORTH PLANT
TRINITY INDUSTRIES, INC.
GREENVILLE, PENNSYLVANIA

Volume 1 of 2

Submitted to:

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January 26, 2009

Our Ref.: 073-6009

Pennsylvania Department of Environmental Protection
Environmental Cleanup Division
230 Chestnut Street
Meadville, PA 16335-3481

Attn: Ms. Kristie Shimko, Project Officer

RE: SUPPLEMENTAL INVESTIGATION WORK PLAN
REMEDIAL INVESTIGATION – NORTH PLANT
TRINITY INDUSTRIES, INC. - GREENVILLE, PENNSYLVANIA

Dear Ms. Shimko:

On behalf of Trinity Industries, Inc. (Trinity), the enclosed Supplemental Investigation Work Plan (SIWP) for the North Plant Site (North Plant) in Greenville, Pennsylvania has been prepared by Golder Associates Inc. (Golder) and submitted for your review and approval.

This SIWP was prepared in accordance with Section 3.3 of the Final Revised Remedial Investigation Work Plan (RIWP), dated October 31, 2007 for Trinity Industries North Plant and South Plant as approved by the Pennsylvania Department of Environmental Protection (PADEP) on November 19, 2007.

On May 7, 2008, Golder Associates Inc. (Golder) initiated the North Plant remedial investigation (RI) and conducted soil, sediment, and surface water sampling in accordance with the revised schedule for the North Plant, dated July 24, 2008. This SIWP has been prepared based on the preliminary results of those investigations and the requirements of the December 21, 2006 Consent Order and Agreement (COA) and the approved Final Revised RIWP (October 2007).

We look forward to your review and approval of the North Plant SIWP. If during your review you have any questions or would like to meet to discuss the proposed investigation activities, please do not hesitate to contact Terry Barrett, Jonathan Rizzo, or me.

Sincerely,

GOLDER ASSOCIATES INC.

Joseph B. Gormley, Jr., P.E.
Project Coordinator

JBG/klh G:\PROJECTS\2007 Projects\073-6009 Trinity-Greenville\RI Work Plan\Supplemental RI WP North Plant\Final\SIWP Cover Letter North.doc

Enclosures
cc: Terry Barrett, P.G., Trinity Industries, Inc.
Darius Ostrauskas, USEPA

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1.0 INTRODUCTION

On behalf of Trinity Industries, Inc. (Trinity), this Supplemental Investigation Work Plan (SIWP) for the North Plant Site (North Plant) in Greenville, Pennsylvania has been prepared by Golder Associates Inc. (Golder) pursuant to Paragraph 7(c). of the Consent Order and Agreement (COA), dated December 21, 2006. In accordance with Paragraph 7(b) of the COA, Trinity notified the Pennsylvania Department of Environmental Protection (PADEP), in a letter dated November 25, 2008, that supplemental tasks were necessary to further characterize constituents of concern in soil and groundwater at the North Plant and that a SIWP would be submitted to the PADEP within 60 days of the date of the letter.

In response to the November 25, 2008 letter, PADEP verbally requested specific justification for the supplemental investigation and/or additional tasks that would be conducted to complete the investigation.

In a follow up letter, dated December 8, 2008, Trinity provided additional information that stated additional soil borings and monitoring wells would be installed to further characterize and delineate soil and groundwater in areas of the site that have constituents of concern (COCs) above PADEP Soil to Groundwater Medium Specific Concentrations (MSCs) for soil and Residential and Non-Residential MSCs for groundwater. In addition, the December 8, 2008 letter noted the constituents of concern above MSCs included Volatile Organic Compounds (VOCs) and metals in both soil and groundwater.

PADEP subsequently issued a letter on December 22, 2008 stating the SIWP shall include a comprehensive review of all tasks completed at the site, the results of the sampling, and any additional information that supports the need for a supplemental investigation at the Site.

This SIWP was developed based on the results of the initial Remedial Investigation (RI) activities and provides a summary and evaluation of the following:

- The soil samples collected from Geoprobe® borings;
- The surface water and sediment samples collected in onsite surface water drainage features;
- The soil samples collected during the installation of the groundwater monitoring wells; and

- Two rounds of groundwater samples collected from the new monitoring wells.

The SIWP also provides a comparison of the soil/sediment sampling results with applicable Act 2 non-residential Statewide Health Standards (SHS), a comparison of the groundwater sampling results with applicable Act 2 residential and non-residential SHSs, and a comparison of the surface water data with ambient water quality criteria. It also provides recommendations for supplemental investigation, as necessary.

The SIWP for the North Plant is presented for review and approval by PADEP and is organized in the following sections:

- Background
- Initial RI Field Activities
- Initial RI Analytical Results
- Initial RI Evaluation & Recommendations
- Proposed Supplemental Investigation (SI) Activities
- Proposed SI Laboratory Analyses, QA/QC, Data Evaluation
- Proposed Revised Schedule
- Reporting

The validated analytical results from the initial RI activities are included as Appendices A through E.

2.0 BACKGROUND

The revised Remedial Investigation Work Plan (RIWP) was approved by PADEP on November 14, 2007. The approved RIWP included investigation activities for both the Trinity South Plant and North Plant Sites.

The South Plant RI activities began soon thereafter, however, the North Plan RI activities were delayed pending Trinity obtaining access from the then current North Plant Site owner. On May 5, 2008, the site access issues were resolved with conveyance of the property back to Trinity.

Within a matter of days, on May 7, 2008, Golder initiated the North Plant RI field activities. On September 10, 2008, Golder completed the RI field activities at the North Plant Site in accordance with the approved RIWP (October 2007) and the revised schedule for the North Plant RI.

This SIWP is being submitted in accordance with the requirements of the COA and has been prepared based on the following:

- Findings of the initial RI activities;
- Requirements of the December 21, 2006 Consent Order and Agreement (COA); and
- Requirements of the approved Final Revised RIWP (October 2007).

3.0 INITIAL RI FIELD ACTIVITIES

Golder mobilized to the North Plant on May 7, 2008 and performed the layout of the Geoprobe® borings, groundwater monitoring wells, and established the surface water and sediment locations for sampling. The field investigation portion of the RI was performed between May 12, 2008 and September 10, 2008 in accordance with the revised RI schedule for the North Plant submitted to the PADEP on July 24, 2008. Table 1 presents a summary of the soil, sediment, and surface water samples collected and the analyses that were performed for each sample. Table 2 presents a summary of the groundwater samples collected and the analyses that were performed for each sample.

3.1 Soil Borings

The soil boring program began on May 12, 2008 and was substantially completed on May 29, 2008 in accordance with the revised schedule. The approved RIWP (October 2007) proposed the installation of 62 soil borings to be advanced using a Geoprobe® drill rig. At the start of the field investigation, five (5) additional Geoprobe® locations (PB-N1 through PB-N5) were added at the request of the PADEP to assess additional areas of visual staining.

Geoprobe® borings were initially installed at 58 of the originally proposed 62 boring locations and at four of the five additional boring locations requested by PADEP. A soil boring could not be advanced at location SB-N38 due to lack of access for the Geoprobe® drill rig and was subsequently advanced using a hand bucket auger. After numerous attempts, Geoprobe® borings could not be advanced at locations SB-N13, SB-N61, SB-N62, and PB-N3 due to the presence of a sub-floor several feet below the surface that could not be bored through successfully. Subsequently, soil borings were advanced at locations SB-N61 and SB-N62 using an auger drill rig and soil samples were collected. Soil boring location SB-N13 was replaced by boring SB-N47E1. One additional boring requested by the PADEP, PB-N3, could not be advanced after numerous attempts due to the presence of a sub-floor several feet below the surface that could not be cored through.

During the field investigation, **an additional 26 borings were added** to further assess initial boring locations that exhibited potential impacts based on visual observations and field screening with an organic vapor meter. These borings were installed either by using the Geoprobe® drill rig or the auger drill rig.

In summary, 61 of the 62 RIWP originally proposed borings, 4 of the 5 PADEP requested additional borings, and 26 additional (step-out) borings (total of 91 borings), were advanced using either a Geoprobe® drill rig, a hand bucket auger, or a hollow stem auger drill rig as shown on Figure 1. A minimum of two soil samples were collected from each boring representing surface soil (0 to 2 ft bgs) and subsurface soil (greater than 2 ft bgs). Additional soil samples were collected from select borings based on visual observations and screening with a MiniRae photoionization detector equipped with a 10.6 eV lamp. A total of 200 soil samples were collected for analyses from the 91 soil borings. Additional duplicate and matrix spike/matrix spike duplicate samples were collected for quality control purposes.

3.2 Surface Water/Sediment

Surface water and sediment sampling were performed on June 10, 2008. One sediment and two surface water samples were collected for analyses. Sediment was not present at one of the proposed sediment sample locations (SS-N2), therefore, a sample could not be collected.

3.3 Monitoring Wells

The approved RIWP proposed the installation of eight groundwater monitoring wells. Based on potential impacts observed during the installation of the Geoprobe® borings at the northern end of AOC-N9, Trinity requested that an additional well be installed. Nine groundwater monitoring wells were installed at the North Plant as shown on Figure 1. Installation of the groundwater monitoring wells was performed between June 2, 2008 and June 4, 2008. In accordance with the RIWP, 20 primary soil samples were collected from the borings during the installation of the groundwater monitoring wells. The groundwater monitoring wells were developed between June 9, 2008 and June 18, 2008.

The first round of groundwater sampling was performed June 7 through June 9, 2008 and the second round of sampling was performed September 8 through September 10, 2008. For each round of groundwater sampling, static water levels were measured in each well prior to taking a sample.

4.0 INITIAL RI ANALYTICAL RESULTS

All samples were sent to TestAmerica Pittsburgh (formerly STL Pittsburgh) for inorganic compound, pesticide, polychlorinated biphenyl (PCB), volatile organic compound (VOC), and semi-volatile organic compound (SVOC) analyses. Table 1 presents a summary of the soil, sediment, and surface water samples collected and the analyses that were performed for each sample. Table 2 presents a summary of the groundwater samples collected and the analyses that were performed for each sample.

Data screening was performed on analytical data to determine if additional sampling was required as part of a supplemental investigation. The preliminary data was reviewed and validated in accordance with the RIWP.

The data screening included the following comparisons:

- Soil results were compared with applicable Act 2 non-residential Statewide Health Standards (SHS), both Direct Contact and Soil-to-Groundwater Medium-Specific Concentrations (MSCs) for used aquifer with total dissolved solids (TDS) less than 2,500 mg/L.
- Subsurface soil samples results greater than 2 feet in depth were additionally compared with applicable one-tenth the non-residential Generic Soil-to-Groundwater MSCs when applicable.
- Groundwater results were compared with applicable Act 2 residential and non-residential SHSs.
- Surface water data were compared with Pennsylvania Surface Water Quality Standards Criteria (SWQS). These included both Criteria Continuous Concentrations (CCCs) and Criteria Maximum Concentrations (CMCs).
- Sediment results were initially compared against the surface soil Direct Contact and Soil-to-Groundwater MSCs to determine if there were areas of gross impact that should be investigated further.

The following sections contain a summary by media of the exceedances of the screening criteria.

4.1 Surface Soils (0-2 feet)

The validated surface soil results from the Geoprobe® soil borings and monitoring well installation borings are presented in Table A-1 in Appendix A. Analytical results were screened against the applicable Act 2 Statewide Health Standards (SHSs) for soil.

Of the 98 primary surface soil samples collected, 18 samples exceeded the Non-Residential Direct Contact (0 to 2 feet) Medium Specific Concentrations (MSCs) for surface soil and 42 exceeded the Non-Residential Soil-to-Groundwater Used Aquifer (total dissolved solids (TDS) <= 2,500 mg/L) MSCs. A summary of the surface soil exceedances is provided in Table 3a and includes the following:

- No surface soil samples exceeded the Non-Residential Direct Contact MSCs for VOCs, SVOCs, Pesticides, or PCBs, with the exception of two detections of ***benzo[a]pyrene***;
- No surface soil samples exceeded the Non-Residential Soil-to-Groundwater Used Aquifer MSCs for SVOCs and PCBs with the exception of one detection of ***Aroclor 1232***;
- Three samples exceeded the Soil-to-Groundwater MSC for ***antimony*** with one of these samples exceeding the Non-Residential Direct Contact MSC for surface soil;
- One sample exceeded the surface soil Direct Contact MSC for ***arsenic***, however, at a concentration less than the Soil-to-Groundwater MSC;
- Six samples exceeded the surface soil Direct Contact MSC for ***iron***. There is no established Soil-to-Groundwater MSC for iron;
- Thirty-two samples exceeded the Non-Residential Soil-to-Groundwater Used Aquifer MSC for ***lead*** with 12 of these samples exceeding the Non-Residential Direct Contact MSC for surface soil;
- Nine samples exceeded the Soil-to-Groundwater MSC for ***ethylbenzene*** at concentrations less than the Direct Contact MSC for surface soil;
- Six samples exceeded the Soil-to-Groundwater MSC for ***xylenes (total)*** at concentrations less than the Direct Contact MSC for surface soil; and
- Two samples exceeded the Soil-to-Groundwater MSC for ***trichloroethene*** at estimated concentrations less than the Direct Contact MSC for surface soil.

Soil boring and monitoring well locations with surface soil concentrations exceeding the Direct Contact MSCs and Soil-to-Groundwater MSCs are shown on Figure 2.

Review of the surface soil data indicates that 12 soil samples collected during the RI may exceed Act 2 non-residential SHS for hexavalent chromium (Cr(VI)). The surface soil samples,

however, were analyzed only for total chromium. A summary of the surface soil samples that may exceed the SHS for chromium are provided in Table 3b.

The Act 2 non-residential SHS for chromium are based on trivalent chromium (Cr(III)) and Cr(VI) and not total chromium. The Non-Residential Direct Contact (0 to 2 feet) MSCs for surface soil for Cr(III) and Cr(VI) are 190,000 mg/kg and 420 mg/kg, respectively. The Soil-to-Groundwater MSC for surface soil for Cr(III) and Cr(VI) are 190,000 mg/kg and 190 mg/kg, respectively. None of the samples collected and analyzed exceeded the Act 2 non-residential SHS for Cr(III). However, if Cr(VI) is a component of the total chromium concentration some of the samples may exceed the Act 2 non-residential SHS for Cr(VI).

4.2 Subsurface Soils (2-15 feet)

The subsurface soil results from the Geoprobe® soil borings and monitoring well installation borings are presented in Table B-1 in Appendix B. Analytical results were screened against the applicable Act 2 SHSs for subsurface soil. The analytical results were screened against the Non-Residential Direct Contact (2 to 15 feet) MSCs for subsurface soil and the Non-Residential Soil-to-Groundwater MSCs. Static water level measurements were collected during the first and second rounds of groundwater sampling. The depth to water at the groundwater monitoring wells range between 1.81 to 9.48 feet below ground surface. Therefore, the analytical results were additionally screened against one-tenth the generic Non-Residential Soil-to-Groundwater MSCs.

Of the 120 primary subsurface soil samples collected, four samples exceeded the Non-Residential Direct Contact (2 to 15 feet) Medium Specific Concentrations (MSCs) for subsurface soil, 10 samples exceeded the Soil-to-Groundwater MSC, and 41 samples exceeded one-tenth the generic Soil-to-Groundwater MSC for saturated soil for one or more compounds, excluding cobalt.

A summary of the subsurface soil exceedances is provided in Table 4a and includes the following:

- No subsurface soil samples exceeded the Direct Contact MSCs, the Soil-to-Groundwater MSCs or one-tenth the Soil-to-Groundwater MSCs for SVOCs, Pesticides, or PCBs, with the exception of one detection of ***naphthalene***, one detection of ***alpha-BH,*** and one detection of ***gamma-BHC***, above one-tenth the respective Soil-to-Groundwater MSC;
- Three subsurface samples exceeded one-tenth the Soil-to-Groundwater MSC for ***antimony***, with one of the samples exceeding the Soil-to-Groundwater MSC, and no samples exceeding the Direct Contact MSC for subsurface soil;

- Seventeen subsurface samples exceeded one-tenth the Soil-to-Groundwater MSC for ***arsenic***, with no samples exceeding the Soil-to-Groundwater MSC and no samples exceeding the Direct Contact MSC for subsurface soil;
- All subsurface samples exceeded one-tenth the generic Soil-to-Groundwater MSC for ***cobalt***, with the exception of one sample, at concentrations less than the Soil-to-Groundwater MSC and the Direct Contact MSC for subsurface soil;
- Two samples exceeded the subsurface soil Direct Contact MSC for ***iron***. There is no established Soil-to-Groundwater MSC for iron;
- Sixteen samples exceeded one-tenth the Soil-to-Groundwater MSC for ***lead***, with two of the samples exceeding the Soil-to-Groundwater MSC and no samples exceeding the Direct Contact MSC for subsurface soil;
- One subsurface sample exceeded one-tenth the Soil-to-Groundwater MSC for ***selenium***, however, at a concentration less than the Soil-to-Groundwater MSC and the Direct Contact MSC for subsurface soil;
- Three subsurface samples exceeded one-tenth the Soil-to-Groundwater MSC for ***bromomethane*** at concentrations less than the Soil-to-Groundwater MSC and the Direct Contact MSC for subsurface soil;
- Thirteen subsurface samples exceeded one-tenth the Soil-to-Groundwater MSC for ***ethylbenzene***, with six of the samples exceeding the Soil-to-Groundwater MSC, and no samples exceeding the Direct Contact MSC for subsurface soil;
- Three subsurface samples exceeded one-tenth the Soil-to-Groundwater MSC for ***methylene chloride*** at concentrations less than the Soil-to-Groundwater MSC and the Direct Contact MSC for subsurface soil;
- One subsurface sample exceeded one-tenth the Soil-to-Groundwater MSC and the Soil-to-Groundwater MSC for ***tetrachloroethene***, however, at a concentration less than the Direct Contact MSC for subsurface soil;
- Eight subsurface samples exceeded one-tenth the Soil-to-Groundwater MSC for ***xylenes (total)***, with four of the samples exceeding the Soil-to-Groundwater MSC, and two of the samples exceeding the Direct Contact MSC for subsurface soil;
- Two subsurface samples exceeded one-tenth the Soil-to-Groundwater MSC for ***vinyl chloride***, at concentrations less than the Soil-to-Groundwater MSC and the Direct Contact MSC for subsurface soil; and
- One subsurface sample exceeded one-tenth the Soil-to-Groundwater MSC for ***naphthalene***, however, at a concentration less than the Soil-to-Groundwater MSC and the Direct Contact MSC for subsurface soil.

Sampling locations with subsurface soil concentrations exceeding the Direct Contact MSCs, the Soil-to-Groundwater MSCs, and one-tenth the generic Soil-to-Groundwater MSCs are shown on Figure 3.

The subsurface soil samples were analyzed for total chromium. No samples exceeded the Non-Residential Direct Contact MSC or the Soil-to-Groundwater MSCs for Cr (III) or Cr (VI). If Cr

(VI) is a component of the total chromium concentrations reported there is the potential that there are exceedances for Cr (VI) above one-tenth the generic Soil-to-Groundwater MSC for Cr (VI). Review of the subsurface soil data indicates that thirty-seven (37) soil samples collected during the RI may exceed Act 2 non-residential SHS for chromium. A summary of the subsurface soil samples that may exceed the SHS for chromium are provided in Table 4b.

4.3 Surface Water

The surface water results (both total and dissolved) are presented in Table C-1 in Appendix C. Analytical results were screened against applicable Pennsylvania Surface Water Quality Standards (SWQS). These included both Criteria Continuous Concentrations (CCCs) and Criteria Maximum Concentrations (CMCs).

Of the four primary surface water samples collected (2 total, 2 dissolved), one sample (total) showed exceedances of the CCCs and CMCs for metals and benzo[a]anthracene. It should be noted that there was a detection of tetrachloroethene in surface water sample SW-N1, however, the detection was below applicable water quality criteria.

The following is a summary of the results above the applicable SWQS:

Location	Analyte	SWQS CCC (µg/l)	SWQS CMC (µg/l)	Concentration (µg/l)
SW-N1 (total)	Cadmium	0.52	5.8	**1.3**
	Copper	22.8	37.7	***49.8***
	Lead	8.1	208	**193**
	Zinc	299	296	***558***
	Benzo[a]anthracene	0.1	0.5	***0.52***
SW-N1 (total)	Chromium (total)	181.72 (Cr III) 10 (Cr VI)	1,397.00 (Cr III) 16 (Cr VI)	43.2

Notes:
- N.S. – No Standard
- Benzo[a]anthracene and Chromium VI criteria directly from Appendix A, Table 1, Water Quality Criteria For Toxic Substances (Chapter 16 - Water Quality Toxics Management Strategy—Statement Of Policy). All other water quality criteria were calculated in accordance with Chapter 16, Subchapter A, Guidelines for Development of Criteria For Toxic Substances and Water Quality Criteria For Toxic Substances (25 PA Code § 16).
- Concentrations that exceed the Surface Water Quality Standards (SWQS) Criteria Continuous Concentrations (CCCs) are in **bold**. Concentrations that exceed Pennsylvania SWQS Criteria Maximum Concentrations (CMCs) are in *italics*.
- Concentration is total chromium. Trivalent and Hexavalent Chromium criteria are provided for comparison purposes.

4.4 Sediment

The sediment results are presented in Table D-1 in Appendix D. For initial screening purposes only, the sediment results were compared to Act 2 Non-Residential Direct Contact and Soil-to-Groundwater MSCs for surface soil.

For the one primary sediment sample collected, SS-N1 in AOC-N21 (Storm water Discharge/Former Stream Location), there were no detections of VOCs, SVOCs, or Pesticides above the Act 2 Non-Residential Direct Contact or Soil-to-Groundwater MSCs for surface soil. There was one metal detection for lead and one PCB detection above the Direct Contact MSCs.. Additionally, it should be noted that there is a total chromium detection that may exceed the MSC for Cr(VI) if the sample were analyzed for Cr(VI).

The sediment exceedances are listed below:

Location	Analyte	Direct Contact MSC (mg/kg)	Soil-to-Groundwater MSC (mg/kg)	Concentration (mg/kg)
SS-N1	Lead Aroclor 1232	1,000 160	450 2	***7,300*** *2.6*
SS-N1	Chromium	190,000 (Cr III) 420 (Cr VI)	190,000(Cr III) 190 (Cr VI)	3,910 (total Cr)

Note: Concentrations that exceed Direct Contact MSC are in **bold.** Concentrations that exceed the Soil-To-Groundwater MSC are in *italics.*

4.5 Groundwater

Prior to sampling for the first and second groundwater sampling events static water levels were collected from each well. Interpreted groundwater elevation contours for the first and second round of groundwater sampling were prepared and are provided on Figures 4 and 5, respectively.

As shown on Figures 4 and 5 a storm sewer line drains from the north to the south near the center of the Site. Based on review of historic topographic maps and Sanborn® Insurance Maps provided in the approved RIWP (October 2007), the storm water sewer appears to have been installed at the low point of the Site along the alignment of a historic stream. Based on the two rounds of static water level measurements, groundwater flow appears to be influenced by stream deposits in this area or by the storm water sewer line.

As shown on Figures 4 and 5, groundwater generally flows from the north to the south across the Site and conveys from the western and eastern boundaries toward the center portion of the Site. Further evaluation of the groundwater flow at the North Plant will be performed as part of the preparation of a Site Conceptual Model during the RI Report preparation.

The groundwater results (both total and dissolved) are presented in Table E-1 in Appendix E. Analytical results were screened against the applicable Act 2 SHSs for groundwater and exceedances of the SHSs are summarized in Table 5.

For the July 2008 sampling event, three of the nine primary groundwater samples collected showed VOC exceedances of the Residential Used Aquifer (TDS < 2,500) MSCs, and three samples showed SVOC exceedances of the Residential Used Aquifer (TDS < 2,500) MSCs. In addition, six total metals samples and five dissolved metals samples showed exceedances of the Residential Used Aquifer (TDS < 2,500) MSCs for arsenic, lead, and/or manganese.

For the September 2008 sampling event, two of the nine primary groundwater samples collected showed VOC exceedances of the Residential Used Aquifer (TDS < 2,500) MSCs, and no samples showed SVOC exceedances of the Residential Used Aquifer (TDS < 2,500) MSCs. In addition, eight total metals samples and seven dissolved metals samples showed metals exceedances of the Residential Used Aquifer (TDS < 2,500) MSCs for arsenic, lead, and/or manganese.

Monitoring well locations with groundwater concentrations exceeding the Residential Used Aquifer (TDS < 2,500 mg/l) MSCs are shown on Figure 6 for the July and September 2008 sampling events. Evaluation of the initial RI data is provided in the following sections, including recommendations for SI activities.

5.0 INITIAL RI EVALUATION AND RECOMMENDATIONS

5.1 Areas of Concern

Thirty-three AOCs were investigated as part of the initial RI. Results of the investigations indicated COCs, including cobalt, in soil, sediment, or groundwater were present in all of the AOCs. The following sections provide an evaluation of the results for AOCs with exceedances and provides recommendations for supplemental activities. Cobalt was detected in all subsurface samples (greater than 2 ft bgs) above one-tenth the generic Non-Residential Soil-to-Groundwater MSC with the exception of one subsurface sample and is not evaluated in the following sections. The cobalt exceedances will be evaluated as part of the preparation of the RI Report.

5.1.1 AOC-N1 ("Old Erie Shop" – Paint Shop)

Twenty-one (21) soil borings were advanced in AOC-N1 as part of the initial RI, including eleven step-out soil borings. In addition, one well was installed directly down-gradient of the AOC. Analytical results indicated the following:

Surface Soil

- Exceedances of the Non-Residential Soil-to-Groundwater MSC for lead in surface soil (0 to 2 ft) at boring one initial (SB-N11) and one step-out boring (SB-N63);
- An exceedance of the Non-Residential Direct Contact MSC for benzo[a]pyrene in surface soil (0 to 2 ft) at boring SB-N10;
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for ethylbenzene in surface soil (0 to 2 ft) at one initial (SB-N47) and seven step-out borings;
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for total xylenes in surface soil (0 to 2 ft) at one initial (SB-N47) and five step-out borings; and
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for trichloroethene in surface soil (0 to 2 ft) at two step-out borings (SB-N46E2E1 & SB-N47E1).

Subsurface Soil

- Exceedances of the Non-Residential Soil-to-Groundwater MSC for ethylbenzene in subsurface soil (2 to 15 ft) at one initial (SB-N47) and one step-out boring (SB-N46E2E1);
- An exceedance of the Non-Residential Direct Contact MSC for total xylenes in subsurface soil (2 to 15 ft) at one initial boring (SB-N47);
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for total xylenes in subsurface soil (2 to 15 ft) at one step-out boring (SB-N46E2E1); and

- Exceedances of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for arsenic in subsurface soil (2 to 15 ft) at two initial soil borings (SB-N56 and SB-N58) and one step-out boring (SB-N46E2S1).

Based on the results of the analysis of samples from the initial and step-out soil borings, the vertical extent of the ethylbenzene, total xylene, and trichloroethene exceedances appears to have been delineated. However, the horizontal extent of these exceedances does not appear to have been delineated to the west and north of the exceedances. Recommendations include the delineation of the extent of ethylbenzene, total xylene, and trichloroethene exceedances in the surface and subsurface soil in AOC-N1. Additional recommendations include the delineation of the extent of the benzo[a]pyrene exceedance in the surface soil. No further investigation of the remaining exceedances is recommended at this time.

5.1.2 AOC-N2 (Former Southeast Transformer Area)

One soil boring (SB-N3) was installed at AOC-N2 as part of the initial RI. There were no exceedances in surface and subsurface soil samples above Non-Residential SHS with the exception of an exceedance of one-tenth the generic Non-Residential Soil-to-Groundwater MSC for lead in subsurface soil. No investigation of this exceedance is recommended at this time.

5.1.3 AOC-N3 (Former Machine Shop Area)

One soil boring (SB-N8) and one monitoring well (MW-N4) were installed at AOC-N3 as part of the initial RI. There were no exceedances in surface and subsurface soil samples above Non-Residential SHS with the exception of an exceedance of alpha-BHC in subsurface soil from MW-N4 (8 to 10 ft bgs) above the respective one-tenth of the generic Non-Residential Soil-to-Groundwater MSCs. No further investigation of this exceedance is recommended at this time.

5.1.4 AOC-N4 (Former Reservoir Area and Former Fuel Oil UST)

One soil boring (SB-N6) and one monitoring well (MW-N1) were installed at AOC-N4 as part of the initial RI. Analytical results for AOC-N4 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of the following:

Surface Soil

- An exceedance of the Non-Residential Direct Contact MSC for lead in surface soil (0 to 2 ft) at soil boring MW-N1;
- Exceedances of the Non-Residential Direct Contact MSC for iron in surface soil (0 to 2 ft) at soil borings SB-N6 and MW-N1; and
- An exceedance of the Non-Residential Soil-to-Groundwater MSC for lead in surface soil (0 to 2 ft) at soil boring SB-N6.

Subsurface Soil

- An exceedance of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for lead in subsurface soil (2 to 15 ft) at soil boring (MW-N1); and
- An exceedance of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for selenium in subsurface soil (2 to 15 ft) at soil boring SB-N6.

Recommendations include the delineation of the extent of the lead Direct Contact exceedance. No further investigation of the remaining exceedances is recommended at this time.

5.1.5 AOC-N5 (Former Fuel Oil UST)

One soil boring (SB-N5) was installed at AOC-N5 as part of the initial RI. Analytical results for AOC-N5 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Direct Contact MSC for lead in the surface soil, an exceedance of the Non-Residential Direct Contact MSC for iron in the subsurface soil, and exceedances of one-tenth the generic Non-Residential Soil-to-Groundwater MSC for lead and arsenic in subsurface soil.

The lead exceedance appears to have been delineated to the north by soil boring SB-N42. Recommendations include the additional delineation of the extent of the lead Direct Contact exceedance. No further investigation of the remaining exceedances is recommended at this time.

5.1.6 AOC-N6 (Former Pickling Room)

One initial soil boring (SB-N12) and four step-out borings were installed at AOC-N6 as part of the initial RI. Analytical results for AOC-N6 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of the following:

Surface Soil

- An exceedance of the Non-Residential Direct Contact MSC for arsenic in surface soil (0 to 2 ft) at soil boring SB-N12W1; and
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for lead in surface soil (0 to 2 ft) at soil borings SB-N12W1 and SB-N12S1.

Subsurface Soil

- An exceedance of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for arsenic in subsurface soil (2 to 15 ft) at soil boring SB-N12S1; and
- Exceedances of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for methylene chloride and naphthalene in subsurface soil (2 to 15 ft) at soil boring SB-N12.

The methylene chloride and naphthalene in exceedances in subsurface soil (2 to 15 ft) were delineated during the initial RI through the installation of step-out borings. The extent of the arsenic exceedance appears to be delineated to the east by soil boring SB-N12. Recommendations include the additional delineation of the extent of arsenic exceedances in surface soil. No further investigation of the remaining exceedances is recommended at this time.

5.1.7 AOC-N7 (Former Blasting and Dust Collector Area)

Two soil borings (SB-N14 and SB-N62) were installed at AOC-N7 as part of the initial RI. Analytical results for AOC-N7 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Direct Contact MSC for iron in the surface soil at soil boring SB-N62. No further investigation of this exceedance is recommended at this time.

5.1.8 AOC-N8 (South-Central Transformer Area)

One soil boring (SB-N17) was installed at AOC-N8 as part of the initial RI. Analytical results for AOC-N8 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Direct Contact MSC for lead in the surface soil. Recommendations include the delineation of the extent of the lead Direct Contact exceedance in surface soil.

5.1.9 AOC-N9 (Central "Old" Paint Shop)

Fourteen soil borings were advanced in AOC-N9 as part of the initial RI, including seven step-out soil borings. In addition, one well was installed directly down-gradient of the AOC. Analytical results indicated the following:

Surface Soil

- Exceedances of the Non-Residential Direct Contact MSC for lead in surface soil (0 to 2 ft) at two initial soil borings (SB-N16 and SB-N49) and the soil boring for MW-N9;
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for lead in surface soil (0 to 2 ft) at one initial boring (SB-N48) and one step-out boring (SB-N15N1);
- An exceedance of the Non-Residential Soil-to-Groundwater MSC for antimony in surface soil (0 to 2 ft) at one initial boring (SB-N49); and
- An exceedance of the Non-Residential Soil-to-Groundwater MSC for ethylbenzene in surface soil (0 to 2 ft) at one initial soil boring (SB-N15).

Subsurface Soil

- Exceedances of the Non-Residential Direct Contact MSC for total xylenes in subsurface soil (2 to 15 ft) at one initial soil boring (SB-N15);
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for ethylbenzene in subsurface soil (2 to 15 ft) at one initial boring (SB-N15), one step-out boring (SB-N15E1), and the soil boring for MW-N9;
- An exceedance of the Non-Residential Soil-to-Groundwater MSC for total xylenes in subsurface soil (2 to 15 ft) at one initial soil boring (SB-N15);
- Exceedances of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for lead in subsurface soil (2 to 15 ft) at two initial soil borings (SB-N48 and SB-N61);
- Exceedances of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for arsenic in subsurface soil (2 to 15 ft) at one initial soil boring (SB-N48) and one step-out boring (SB-N66);
- An exceedance of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for antimony in subsurface soil (2 to 15 ft) at one initial soil boring (SB-N61);
- Exceedances of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for ethylbenzene in subsurface soil (2 to 15 ft) at two initial soil borings (SB-N15 and SB-N49) and four step-out borings (SB-N15N1, SB-N49E1, SB-N49S1, and SB-N66);
- Exceedances of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for total xylene in subsurface soil (2 to 15 ft) at three step-out borings (SB-N15N1, SB-N15E1, and SB-N49S1) and the soil boring for monitoring well MW-N9;
- Exceedances of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for bromomethane in subsurface soil (2 to 15 ft) at two step-out borings (SB-N15N1 and SB-N49E1); and

- An exceedance of one-tenth of the generic Non-Residential Soil-to-Groundwater MSC for methylene chloride in subsurface soil (2 to 15 ft) at one initial soil boring (SB-N15).

Based on the results of the analysis of samples from the initial and step-out soil borings, the horizontal and vertical extent of VOC exceedances appears to have been delineated in the west and south directions. However, the vertical and horizontal extent of these exceedances does not appear to have been delineated to the east and north of the exceedances. Recommendations include the delineation of the extent of bromomethane, ethylbenzene, and total xylenes exceedances in the surface and subsurface soil in AOC-S9.

The extent of exceedances of Non-Residential Direct Contact for lead in AOC-N9 appear to have been delineated, with the exception of exceedances at SB-N16. Recommendations include the delineation of the extent of Direct Contact lead exceedances at SB-N16.

Additional recommendations include the delineation of the extent of the arsenic exceedance of one-tenth the generic Soil-to-Groundwater at SB-N30. No further investigation of the remaining exceedances is recommended at this time.

Based on the results of the initial RI, there may be an exceedance of Non-Residential Direct Contact for hexavalent chromium (Cr (VI)) in surface soil at SB-N62. Recommendations for the evaluation of the potential for Cr (VI) exceedances in surface soil at include the installation of an addition soil boring at SB-N62 and the collection of an undisturbed sample for analysis for total chromium and Cr (VI).

5.1.10 AOC-N10 (Former Boiler/Power House)

One soil boring (SB-N19) was installed at AOC-N10 as part of the initial RI. Analytical results for AOC-N10 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Soil-to-Groundwater MSC for lead in the subsurface soil and an exceedance of one-tenth the generic Soil-to-Groundwater MSC for antimony in subsurface soil. No further investigation of these exceedances is recommended at this time.

5.1.11 AOC-N11 (Former Paint Shop)

One soil boring (SB-N18) and one monitoring well (MW-N7) were installed at AOC-N11 as part of the initial RI. Analytical results for AOC-N11 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non–Residential Direct Contact MSC for lead in the surface soil at soil boring SB-N18 and an exceedance of the Non-Residential Soil-to-Ground MSC for lead in the surface soil at the soil boring for monitoring well MW-N7.

The exceedance of the Non–Residential Direct Contact MSC for lead in surface soil at SB-N18 appears to be delineated to the north by the soil boring for monitoring well MW-N7. Recommendations include the additional delineation of the extent of Direct Contact lead exceedances at SB-N18.

5.1.12 AOC-N12 (Cleaning/Oil and Paint Storage – Former Locomotive Cleaning Area)

Two soil borings (SB-N20 & SB-N21) were installed at AOC-N12 as part of the initial RI. Analytical results for AOC-N12 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of exceedances of the Non-Residential Soil-to-Groundwater MSC for lead in the surface soil at each boring and an exceedance of one-tenth the generic Soil-to-Groundwater MSC for lead in subsurface soil at soil boring SB-N21. No further investigation of these exceedances is recommended at this time.

5.1.13 AOC-N13 (Former Southwest Transformer Area/Down Gradient Groundwater Location)

One soil boring for groundwater monitoring well MW-N2 was installed at AOC-N13 as part of the initial RI. Analytical results for AOC-N13 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of one-tenth the generic Soil-to-Groundwater MSC for methylene chloride in subsurface soil. Recommendations include the delineation of the extent of the methylene chloride exceedance at MW-N2.

5.1.14 AOC-N14 (Former Substation Area)

One initial soil boring (SB-N27) and four step-out borings were installed at AOC-N14 as part of the initial RI. Analytical results for AOC-N14 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Soil-to-Groundwater MSC for lead in the surface soil at SB-N27S1 and exceedances of one-tenth the generic Soil-to-Groundwater MSC for arsenic in subsurface soil at borings SB-N27S1 and SB-N27N1. No further investigation of these exceedances is recommended at this time.

5.1.15 AOC-N18 (Substation/Transformer Area - Former GE Shop South)

One soil boring (SB-N23) was installed at AOC-N18 as part of the initial RI. Analytical results for AOC-N18 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Soil-to-Groundwater MSC for lead in the surface soil, an exceedance of the Non-Residential Direct Contact MSC for iron in subsurface soil, exceedances of the Soil-to-Groundwater MSC for antimony and lead in subsurface soil, and an exceedance of one-tenth the generic Soil-to-Groundwater MSC for arsenic is subsurface soil. Recommendations include the delineation of the extent of the antimony, arsenic, and lead exceedances at SB-N23.

5.1.16 AOC-N19 (Substation/Transformer Area - Former GE Shop North)

One soil boring (SB-N22) was installed at AOC-N19 as part of the initial RI. Analytical results for AOC-N19 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of exceedances of the Non-Residential Direct Contact MSC for antimony and lead in the surface soil. Recommendations include the delineation of the extent of the Direct Contact antimony and lead exceedances at SB-N22.

5.1.17 AOC-N21 (Storm water Discharge/Former Stream Location)

One soil boring (SB-N41) and one sediment sample (SS-N1) were collected at AOC-N21 as part of the initial RI. Analytical results for AOC-N21 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Direct Contact MSC for lead in the surface soil at SB-N41 and an exceedance of one-tenth the generic Soil-to-Groundwater MSC for lead in

subsurface soil at SB-N41. Additionally, sediment sample SS-N1 analytical results were compared to Non-Residential SHSs to evaluate if elevated COCs were present. Analytical results indicate exceedances of the Non-Residential Direct Contact MSC for lead in the sediment sample and an exceedance of the Non-Residential Soil-to-Groundwater MSC for Aroclor 1232 in the sediment sample. Total chromium was detected in sediment sample SS-N1 at 3,910 mg/kg. Recommendations include the delineation of the extent of Direct Contact lead exceedance at SB-N41 and the collection of additional sediment sample at SS-N1 and analysis for total chromium and Cr (VI).

5.1.18 AOC-N22 (Oil Containing PCBs Storage Area North of Transfer Table Pit)

One soil boring (SB-N39) was installed at AOC-N22 as part of the initial RI. Analytical results for AOC-N22 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Soil-to-Groundwater MSC for lead in the surface soil. No further investigation of this exceedance is recommended at this time.

5.1.19 AOC-N23 (Former Sub-Station West Side of Former Wheel and Axle Shop and Chemical and Waste Storage Area)

One soil boring (SB-N37) was installed at AOC-N23 as part of the initial RI. Analytical results for AOC-N23 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Soil-to-Groundwater MSC for tetrachloroethene in the subsurface soil and an exceedance of one-tenth the generic Soil-to-Groundwater MSC for vinyl chloride in subsurface soil. Recommendations include the delineation of the extent of VOC exceedances at SB-N37.

5.1.20 AOC-N24 (Pit at Former Transfer Table east of Former Wheel and Axle Shop)

One soil boring (SB-N38) was installed at AOC-N24 as part of the initial RI. Analytical results for AOC-N24 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of exceedances of one-tenth the Non-Residential generic Soil-to-Groundwater MSC for arsenic and lead in the subsurface soil. No further investigation of this exceedance is recommended at this time.

5.1.21 AOC-N25 (Former Equipment Pad)

Two soil borings (SB-N40 and PB-N2) were installed at AOC-N25 as part of the initial RI. Analytical results for AOC-N25 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of exceedances of the Non-Residential Soil-to-Groundwater MSC for lead in the surface soil at soil borings SB-N40 and PB-N2. No further investigation of these exceedances is recommended at this time.

5.1.22 AOC-N26 (Stained Debris and Gravel Area south of Former Electrical Repair Shop)

One soil boring (SB-N42) was installed at AOC-N26 as part of the initial RI. Analytical results for AOC-N26 indicate that there were no exceedances of the Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Direct Contact MSC for iron in surface soil, an exceedance of the Non-Residential Soil-to-Groundwater MSC for lead in surface soil, and an exceedance of one-tenth the generic Soil-to-Groundwater MSC for lead in subsurface soil. No further investigation of these exceedances is recommended at this time.

5.1.23 AOC-N28 (Former Wood Mill/Storage Area of Spent Solvent and Paint Waste (south and SE of "Steel Shelves"). Including Oil Storage Areas, Chemical Storage Area, and Former Incinerator)

Two soil borings (SB-N35 and SB-N36) and one monitoring well (MW-N8) were installed at AOC-N28 as part of the initial RI. Analytical results for AOC-N28 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of one-tenth the generic Soil-to-Groundwater MSC for arsenic in subsurface soil. Recommendations include the delineation of the extent of arsenic exceedance at MW-N8.

5.1.24 AOC-N29 (Storage Area of Spent Solvent and Paint Waste (east of "Steel Shelves"))

Three soil borings (SB-N32, SB-N33, and SB-N34) were installed at AOC-N29 as part of the initial RI. Analytical results for AOC-N29 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of an exceedance of the Non-Residential Direct Contact MSC for lead in the surface soil at boring

SB-N34. Recommendations include the delineation of the extent of Direct Contact lead exceedance at SB-N34.

5.1.25 AOC-N30 (Grass, Gravel, and Asphalt Covered Area with Rusty Drums, AST Storage and Former Chemical Storage)

Three soil borings (SB-N29, SB-N30, and SB-N31) were installed at AOC-N30 as part of the initial RI. Analytical results for AOC-N30 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of exceedances of the Non-Residential Direct Contact MSC for iron and lead in the surface soil at boring SB-N29, and exceedance of the Non-Residential Soil-to-Groundwater MSC for antimony in the surface soil at boring SB-N29, an exceedance of one-tenth the generic Soil-to-Groundwater MSC for lead in subsurface soil at SB-N30, and exceedances of one-tenth the generic Soil-to-Groundwater MSC for arsenic in subsurface soil at borings SB-N29 and SB-N30. Recommendations include the delineation of the extent of Direct Contact lead exceedance at SB-N29 and the delineation of the extent of the arsenic exceedance at SB-N30. No further investigation of the remaining exceedances is recommended at this time.

Additionally, the analytical results indicate the presence of chlorinated VOCs in surface soil in AOC-N30 below Non-Residential Direct Contact and Soil-to-Groundwater MSCs. However, these constituents may be a concern due to the exceedance of Residential Groundwater MSC in down-gradient monitoring well MW-N8. Specifically, cis-1,2-dichloroethene (0.021 mg/kg), tetrachloroethene (0.22 mg/kg), and trichloroethene (0.011 mg/kg) were detected in the surface soil sample at boring SB-N31. Recommendations include the investigation of the chlorinated VOCs at SB-N31.

5.1.26 AOC-N31 (Former Railroad Track Switches Locations Across Entire Site)

Four soil borings (SB-N50, SB-N51, SB-N52, and SB-N53) were installed at AOC-N31 as part of the initial RI. Analytical results for AOC-N31 indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of the following:

- An exceedance of the Non-Residential Direct Contact MSC for iron in the surface soil at boring SB-N53;

- An exceedance of the Non-Residential Direct Contact MSC for benzo[a]pyrene in surface soil (0 to 2 ft) at boring SB-N53;
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for lead in surface soil at borings SB-N52 and SB-N53;
- An exceedance of the Non-Residential Soil-to-Groundwater MSC for Aroclor 1232 in surface soil at boring SB-N51; and
- Exceedances of one-tenth the generic Non-Residential Soil-to-Groundwater MSC for arsenic in subsurface soil at borings SB-N50 and SB-N52.

Recommendations include the delineation of the extent of the Direct Contact benzo[a]pyrene exceedance in surface soil at SB-N53 and extent of the Soil-to-Groundwater Aroclor 1232 exceedance in surface soil at SB-N51. No further investigation of the remaining exceedances is recommended at this time.

5.1.27 General Site/Downgradient Conditions

Seven soil borings (SB-N7, SB-N25, SB-N26, SB-N28, SB-N45, PB-N1 and PB-N4) and one monitoring well (MW-N3) were installed for this AOC as part of the initial RI. Analytical results for this AOC indicate that there were no exceedances of Non-Residential SHS in the surface soil (0 to 2 ft) or subsurface soil (2 to 15 ft), with the exception of the following:

- An exceedance of the Non-Residential Direct Contact MSC for lead in surface soil at PB-N4;
- Exceedances of the Non-Residential Soil-to-Groundwater MSC for lead in surface soil at borings SB-N7 and SB-N28;
- Exceedances of one-tenth the generic Non-Residential Soil-to-Groundwater MSC for lead in subsurface soil at borings SB-N7, SB-N25, and SB-N28;
- An exceedance of one-tenth the generic Non-Residential Soil-to-Groundwater MSC for arsenic in subsurface soil at borings SB-N28;
- An exceedances of one-tenth the generic Non-Residential Soil-to-Groundwater MSC for gamma-BHC in subsurface soil at borings SB-N28; and
- An exceedance of one-tenth the generic Non-Residential Soil-to-Groundwater MSC for vinyl chloride in subsurface soil at boring SB-N25.

Recommendations include the delineation of the extent of lead exceedance at PB-N4 and the extent of vinyl chloride exceedance at SB-N25. No further investigation of the remaining exceedances is recommended at this time.

5.2 Surface Water

There were no detections of VOCs, SVOCs, Pesticides, or PCBs above applicable water quality standards at the two locations sampled with the exception of a detection of benzo[a]anthracene in one sample. However, there was a detection of tetrachloroethene above the detection limit. There were detections of total metals cadmium, copper, lead, zinc, and potentially hexavalent chromium above applicable water quality standards at one location. No further investigation of these exceedances is recommended at this time. However, a review of available information (i.e. maps) for surface water and storm water drainage systems is recommended to evaluate surface water and storm water drainage on Site and in the area surrounding the Site.

5.3 Groundwater

There were detections of several VOCs, SVOCs, and metals above the respective Residential Used Aquifer (TDS $\leq$ 2,500 mg/l) MSCs for one or both of the groundwater sampling events. A summary of exceedances is provided in Table 5 and are shown on Figure 6 and include the following:

- For VOCs, there were two detections of tetrachloroethene (MW-N2 and MW-N8) and one detection of vinyl chloride (MW-N2) above the Residential Used Aquifer (TDS < 2,500 mg/l) MSC for both of the groundwater sampling events. There was one detection of 4-nitroaniline above the Residential MSC in MW-N6 for the first groundwater sampling event;
- For lead, there were detections of total lead above the Residential Used Aquifer (TDS < 2,500 mg/l) MSC in groundwater at two of nine monitoring well locations (MW-N5 and MW-N9) for one or both of the groundwater sampling events. However, there were no detections of dissolved lead in groundwater at any of the monitoring well locations;
- For arsenic, there were detections of both total and dissolved arsenic above the Residential Used Aquifer (TDS < 2,500 mg/l) MSC in groundwater at monitoring well locations MW-N1, MW-N3 and MW-N9 for one or both of the groundwater sampling events;
- For manganese, there were detections of total manganese above the Residential Used Aquifer (TDS < 2,500 mg/l) MSC in groundwater at seven of the nine monitoring well locations (MW-N1, MW-N2, MW-N3, MW-N6, MW-N7, MW-N8, and MW-N9) for one or both of the groundwater sampling events. In addition, there were dissolved manganese detections above the Residential Used Aquifer (TDS < 2,500 mg/l) MSC in groundwater at six of the nine monitoring well locations (MW-N1, MW-N2, MW-N3, MW-N6, MW-N7, and MW-N8) for one or both of the groundwater sampling events; and
- For SVOCs, there were detections of several compounds above the Residential Used Aquifer (TDS < 2,500 mg/l) MSCs at three monitoring well locations (MW-N2, MW-N4, and MW-N7) for the first groundwater sampling event. It should be noted that the exceedance of SVOCs in MW-N7 for the first groundwater sampling event were from a

duplicate sample from this location. There were no exceedances of SVOCs in the primary groundwater sample collected from MW-N7. In addition, there were no SVOC detections for the second monitoring event.

Groundwater contour maps were prepared based on the collection of static water levels prior to each sample event. Groundwater contour maps for each event are provided as Figures 4 and 5.

Groundwater generally flows from the north to the south across the Site and conveys from the western and eastern boundaries toward the center portion of the Site. Based on ground flow, there is the potential for off-site migration of low levels of COCs above residential SHSs. Recommendations for evaluation of the potential for off-site migration of COCs include: the installation of additional groundwater monitoring wells at the down-gradient Site boundary and down-gradient of potential sources; the collection and analysis of two additional rounds of groundwater samples from the existing nine monitoring wells, and the collection and analysis of two rounds of groundwater samples from proposed monitoring wells to be installed for the SI.

The installation of new groundwater monitoring wells and the collection of two additional rounds for groundwater samples are necessary to further define the hydraulic characteristics of the shallow aquifer at the Site. Additional investigations of the down-gradient boundary and off-site groundwater may be necessary, based on the evaluation of this additional data. The installation of additional wells, if deemed necessary, will be undertaken as part of supplemental investigation activities for the Site.

5.4 Data Evaluation and Recommendations Summary

As part of the evaluation of the initial RI results, recommendations were made for supplemental investigations to delineate exceedances of Act 2 SHSs. These recommendations are summarized below:

- The delineation of the nature and extent of VOCs in surface and surface soil exceeding Non-Residential Direct Contact MSCs, Soil-to-Groundwater MSCs, and one-tenth the generic Soil-to-Groundwater MSC for saturated soil;
- The delineation of the nature and extent of SVOCs in surface soil exceeding Non-Residential Direct Contact MSCs;
- The delineation of the nature and extent of PCBs in surface soil exceeding Non-Residential Soil-to-Groundwater MSCs;

- The delineation of the nature and extent of metals in surface soil exceeding Non-Residential Direct Contact MSCs;
- Speciate chromium in sediment and perform data gathering and evaluation of the surface water and stormwater drainage systems on-Site and in the area surrounding the Site; and
- Installation of additional groundwater monitoring wells and the collection of additional groundwater samples to further define the nature and extent of VOCs and metals exceeding Residential MSCs for used aquifers.

Results of the supplemental investigation will be evaluated along with the results of the initial RI and will be used in the decision process by Trinity to assist with selection of remedial alternatives to attain one or a combination of Background, Statewide Health, and/or Site Specific cleanup standards under the Land Recycling Act in accordance with the COA. Further evaluation of the exceedances identified above may be necessary depending on which combination of cleanup standards are selected for the Site.

6.0 PROPOSED SI ACTIVITIES

6.1 Areas of Concern

6.1.1 AOC-N1 "Old Erie Shop" – Paint Shop

To investigate the extent of VOC detections in AOC-N1, five soil borings (SB-N46W2, SB-N47NW1, SB-N47N2, SB-N73, & SB-N74) will be advanced at the locations shown on Figure 7. The soil borings will be advanced using a Geoprobe® drill rig and the soil samples will be analyzed for VOCs.

Based on the previous soil results in AOC-N1, the soil borings will be advanced to 12 ft bgs. A minimum of two samples will be collected from each soil boring. The soil samples will be screened and sampled in accordance with the RIWP (October 2007). For soil borings that exhibit no impacts based on field screening, two soil samples will be collected. One sample will be collected from surface soil (0 to 2 ft) and a second sample will be collected from subsurface soil (2 to 15 ft).

If a soil boring exhibits impacts based on field screening, then a minimum of three samples will be collected. One sample will be collected from surface soil (0 to 2 ft), a second sample will be collected from the 2-foot subsurface (greater than 2 ft) interval exhibiting the highest PID reading, and a third sample will be collected from a deeper interval that exhibits no impacts. Additional soil borings will be advanced if impacts are observed in the delineation borings by "stepping out" away from the area of impact.

To investigate the extent of benzo[a]pyrene exceedances at SB-N10, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for SVOCs:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.2 AOC-N4 (Former Reservoir Area and Former Fuel Oil UST)

To investigate the extent of lead exceedances of the Non-Residential Direct Contact MSC at MW-N1, four soil borings will be advanced in the four compass directions using a Geoprobe®

drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.3 AOC-N5 (Former Fuel Oil UST)

To investigate the extent of lead exceedances of the Non-Residential Direct Contact MSC at SB-N5, three soil borings will be advanced in the three compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. The extent of the lead exceedance appears to be delineated to the north by soil boring SB-N42. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.4 AOC-N6 (Former Pickling Room)

To investigate the extent of arsenic exceedances of the Non-Residential Direct Contact MSC at SB-N12W1, three soil borings will be advanced in three compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. The extent of the arsenic exceedance appears to be delineated to the east by soil boring SB-N12. Samples will be collected from the following intervals and analyzed for arsenic:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.5 AOC-N8 (South-Central Transformer Area)

To investigate the extent of lead exceedances of the Non-Residential Direct Contact MSC at SB-N17, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.6 AOC-N9 (Central "Old" Paint Shop)

To investigate the extent of VOC detections in AOC-N9 seven soil borings will be advanced at the locations shown on Figure 7. The soil borings will be advanced using a Geoprobe® drill rig and the soil samples will be analyzed for VOCs.

Based on the previous soil results in AOC-N9, six soil borings will be advanced to 20 ft bgs. A minimum of two samples will be collected from each soil boring. The soil samples will be screened and sampled in accordance with the revised RIWP (October 2007). Two soil samples will be collected from soil borings that exhibit no impacts, based on field screening. One sample will be collected from surface soil (0 to 2 ft) and a second sample will be collected from subsurface soil (2 to 15 ft).

If a soil boring exhibits impacts, based on field screening, a minimum of three samples will be collected. One sample will be collected from surface soil (0 to 2 ft), a second soil from the 2-foot subsurface (greater than 2 ft) interval exhibiting the highest readings, and a third sample will be collected from a deeper interval that exhibits no impacts. Additional soil borings will be advanced if impacts are observed in the delineation borings by "stepping out" away from the area of impact.

A seventh soil boring will advanced to vertically delineate the exceedances at previous soil boring SB-N15. The soil boring will be advanced to 20 ft bgs. A sample will be collected from the interval that does not exhibited impacts underlying the deepest exceedance at soil boring SB-N15 (greater than 14 ft bgs).

To investigate the extent of lead exceedances of the Non-Residential Direct Contact MSC at SB-N16, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

To investigate the extent of arsenic exceedance of one-tenth the generic Non-Residential Soil-to-Groundwater MSCs at SB-N48, four soil borings will be advanced in the four compass directions

using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for arsenic:

- 0 to 2 ft bgs
- 2 to 4 ft bgs
- 4 to 6 ft bgs
- 6 to 8 ft bgs

6.1.7 AOC-N11 (Former Paint Shop)

To investigate the extent of lead exceedances at SB-N18, four soil borings will be advanced in four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.8 AOC-N13 (Former Southwest Transformer Area/Down Gradient Groundwater Location)

To investigate the extent of the methylene chloride exceedance at MW-N2, four soil borings will be advanced at the locations shown on Figure 7. The soil borings will be advanced using a Geoprobe® drill rig and the soil samples will be analyzed for VOCs. Potential petroleum product was observed during the installation of the soil boring for monitoring well MW-N2 between 10 and 14 ft bgs. Based on the results of the analysis of soil samples from the initial RI, no samples exceeded Non-Residential SHS for SVOCs. However, the soil samples collected during the SI will additionally be analyzed for SVOCs.

Based on the previous soil results in AOC-N13, the soil borings will be advanced to 20 ft bgs. A minimum of two samples will be collected from each soil boring. The soil samples will be screened and sampled in accordance with the RIWP (October 2007). Two soil samples will be collected from soil borings that exhibit no impacts, based on field screening. One sample will be collected from surface soil (0 to 2 ft) and a second sample will be collected from subsurface soil (2 to 15 ft).

If a soil boring exhibits impacts, based on field screening, a minimum of three samples will be collected. One sample will be collected from surface soil (0 to 2 ft), a second soil sample will be

collected from the 2-foot subsurface (greater than 2 ft) interval exhibiting the highest readings, and a third sample will be collected from a deeper interval that exhibits no impacts. Additional soil borings will be advanced if impacts are observed in the delineation borings by "stepping out" away from the area of impact.

6.1.9 AOC-N18 (Substation/Transformer Area - Former GE Shop South)

To investigate the extent of antimony, arsenic, and lead exceedances of the Non-Residential Soil-to-Groundwater MSCs at SB-N23, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for antimony, arsenic, and lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs
- 4 to 6 ft bgs
- 6 to 8 ft bgs

6.1.10 AOC-N19 (Substation/Transformer Area - Former GE Shop North)

To investigate the extent of antimony and lead exceedances of the Non-Residential Direct Contact MSC at SB-N22, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for antimony and lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.11 AOC-N21 (Storm water Discharge/Former Stream Location)

To investigate the extent of lead exceedances of the Non-Residential Direct Contact MSC at SB-N41, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for antimony and lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

To investigate the potential for elevated Cr VI concentrations in sediment sample SS-N1, the sediment will be resampled. The sediment will be resampled and analyzed for total chromium, and Cr (VI).

6.1.12 AOC-N23 (Former Sub-Station West Side of Former Wheel and Axle Shop and Chemical and Waste Storage Area)

To investigate the extent of VOC detections in AOC-N23 at SB-N37, four soil borings will be advanced at the locations shown on Figure 7. The soil borings will be advanced using a Geoprobe® drill rig and the soil samples will be analyzed for VOCs.

Based on the previous soil results in AOC-N23, the soil borings will be advanced to 16 ft bgs. A minimum of two samples will be collected from each soil boring. The soil samples will be screened and sampled in accordance with the RIWP (October 2007). Two soil samples will be collected from soil borings that exhibit no impacts, based on field screening. One sample will be collected from surface soil (0 to 2 ft) and a second sample will be collected from subsurface soil (2 to 15 ft).

If a soil boring exhibits impacts, based on field screening, a minimum of three samples will be collected. One sample will be collected from surface soil (0 to 2 ft), a second soil sample will be collected from the 2-foot subsurface (greater than 2 ft) interval exhibiting the highest readings, and a third sample will be collected from a deeper interval that exhibits no impacts. Additional soil borings will be advanced if impacts are observed in the delineation borings by "stepping out" away from the area of impact.

6.1.13 AOC-N28 (Former Wood Mill/Storage Area of Spent Solvent and Paint Waste (south and SE of "Steel Shelves"). Including Oil Storage Areas, Chemical Storage Area, and Former Incinerator)

To investigate the extent of arsenic exceedance of one-tenth the generic Non-Residential Soil-to-Groundwater MSCs at MW-N8, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for arsenic:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

- 4 to 6 ft bgs
- 6 to 8 ft bgs
- 8 to 10 ft bgs

6.1.14 AOC-N29 (Storage Area of Spent Solvent and Paint Waste (east of "Steel Shelves"))

To investigate the extent of lead exceedances of the Non-Residential Direct Contact MSC at SB-N34, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.1.15 AOC-N30 (Grass, Gravel, and Asphalt Covered Area with Rusty Drums, AST Storage and Former Chemical Storage)

To investigate the extent of lead exceedances of the Non-Residential Direct Contact MSC at SB-N29, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

To investigate the extent of arsenic exceedance of the one-tenth the generic Non-Residential Soil-to-Groundwater MSC at SB-N30, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for arsenic:

- 0 to 2 ft bgs
- 4 to 6 ft bgs
- 8 to 10 ft bgs
- 12 to 14 ft bgs
- 16 to 18 ft bgs

To investigate the extent of VOC detections in AOC-N30 at SB-N31, four soil borings will be advanced at the locations shown on Figure 7. The soil borings will be advanced using a Geoprobe® drill rig and the soil samples will be analyzed for VOCs.

Based on the previous soil results in AOC-N30, the soil borings will be advanced to 16 ft bgs. A minimum of two samples will be collected from each soil boring. The soil samples will be screened and sampled in accordance with the RIWP (October 2007). Two soil samples will be collected from soil borings that exhibit no impacts, based on field screening. One sample will be collected from surface soil (0 to 2 ft) and a second sample will be collected from subsurface soil (2 to 15 ft).

If a soil boring exhibits impacts, based on field screening, a minimum of three samples will be collected. One sample will be collected from surface soil (0 to 2 ft), a second soil sample will be collected from the 2-foot subsurface (greater than 2 ft) interval exhibiting the highest readings, and a third sample will be collected from a deeper interval that exhibits no impacts. Additional soil borings will be advanced if impacts are observed in the delineation borings by "stepping out" away from the area of impact.

6.1.16 AOC-N31 (Former Railroad Track Switches Locations Across Entire Site)

To investigate the extent of benzo[a]pyrene exceedances at SB-N53, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for SVOCs:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

To investigate the extent of Aroclor 1232 exceedance at SB-N51, four soil borings will be advanced in the four compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Samples will be collected from the following intervals and analyzed for PCBs:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

6.2 Other Considerations

6.2.1 General Site Conditions

To investigate the extent of the lead exceedance of the Non-Residential Direct Contact MSC at PB-N4, three soil borings will be advanced in three compass directions using a Geoprobe® drill rig at the locations shown on Figure 7. Proposed delineation boring SB-N5E1 will be used as a delineation boring to the west for this exceedance. Samples will be collected from the following intervals and analyzed for lead:

- 0 to 2 ft bgs
- 2 to 4 ft bgs

To investigate the extent of VOC detections in SB-N25, four soil borings will be advanced at the locations shown on Figure 7. The soil borings will be advanced using a Geoprobe® drill rig and the soil samples will be analyzed for VOCs.

Based on the previous soil results at SB-N25, the soil borings will be advanced to 12 ft bgs. A minimum of two samples will be collected from each soil boring. The soil samples will be screened and sampled in accordance with the RIWP (October 2007). Two soil samples will be collected from soil borings that exhibit no impacts, based on field screening. One sample will be collected from surface soil (0 to 2 ft) and a second sample will be collected from subsurface soil (2 to 15 ft).

If a soil boring exhibits impacts, based on field screening, a minimum of three samples will be collected. One sample will be collected from surface soil (0 to 2 ft), a second soil sample will be collected from the 2-foot subsurface (greater than 2 ft) interval exhibiting the highest readings, and a third sample will be collected from a deeper interval that exhibits no impacts. Additional soil borings will be advanced if impacts are observed in the delineation borings by "stepping out" away from the area of impact.

6.2.2 Groundwater

Three additional groundwater monitoring wells (MW-N10, MW-N11, and MW-N12) will be installed at the locations shown on the attached Figure 7. One groundwater monitoring well will

be installed at the down-gradient/side-gradient boundary between monitoring well MW-N2 and MW-N3. The second groundwater monitoring well will be installed at the down-gradient/side-gradient boundary between monitoring well MW-N1 and MW-N2. The third well will be installed down-gradient of AOC-N22 and soil boring SB-N25 where exceedances of tetrachloroethene and vinyl chloride were observed in subsurface soil. The locations of the new wells may be adjusted based on the findings of the supplemental surface and subsurface Geoprobe® investigations described above. The wells will be installed in accordance with the procedures in the approved RIWP (October 2007). Two rounds of groundwater sampling will be performed from these new wells following installation and development. The groundwater samples will be analyzed for VOCs, SVOCS, and antimony (total and dissolved), arsenic (total and dissolved), lead (total and dissolved), and manganese (total and dissolved).

Two additional rounds of groundwater sampling will be performed from the nine existing wells (MW-N1 through MW-N9) installed in June 2008 coinciding with the sampling of the new wells to determine whether there are any seasonal variations in either groundwater flow or concentration. The samples will be collected following the procedures in the approved RIWP (October 2007). The groundwater samples will be analyzed for VOCs, SVOCs, and antimony (total and dissolved), arsenic (total and dissolved), lead (total and dissolved), and manganese (total and dissolved).

6.2.3 Chromium Speciation

To investigate the potential presence of Cr(VI) at boring location SB-N62, soil samples will be taken in undisturbed soil. The soil samples will be collected using a Geoprobe® rig from the impacted interval (0 to 2 ft) and the underlying interval (2 to 4 ft). The samples will be analyzed for total chromium and Cr(VI). An additional sample will be collected of the sediment at location SS-N1 and analyzed for total chromium and Cr(VI).

6.2.4 Leaching Potential for Lead and Arsenic

SPLP analysis of the soil samples collected from the AOCs being investigated for lead and arsenic exceedances will be performed to determine the potential for lead and arsenic to leach into groundwater. The results will be used to develop an alternative soil-to-groundwater standard for lead and arsenic. The evaluations will consist of determining the highest total lead and total arsenic concentrations that will generate a passing SPLP result (less than 5 micrograms per liter

(µg/l) for lead and 10 µg/l for arsenic). The laboratory results from the soil delineation samples will be reviewed to determine the range of lead and arsenic concentrations in soil. Then SPLP will be performed on the four samples with the highest lead and highest arsenic concentrations. Subsequent analyses may be performed on the remaining soil samples if none of the initial four samples generate a passing SPLP result.

7.0 PROPOSED SI LABORATORY ANALYSES, QA/QC, DATA EVALUATION

The following laboratory analyses will apply to SI samples:

- Soil samples will be analyzed in accordance with the approved RIWP (October 2007) for select parameters based on the findings of the initial RI activities.
- Select soil samples will be analyzed for SPLP lead and arsenic using SW-846 Method 1312.
- Chromium speciation samples will also be analyzed for Cr(VI) using SW-846 Method 7196A.
- Groundwater samples will be analyzed for select parameters based on the findings of the initial RI activities.

Tables 6 and 7 provide summaries of the samples to be collected as part the SI and the analyses to be performed. Quality Assurance/Quality Control (QA/QC) samples will be collected and analyzed in accordance with the approved RIWP (October 2007). The SI data will be validated and evaluated in accordance with the approved RIWP.

8.0 REVISED SCHEDULE

In accordance with Section 7, Paragraph (c.) of the AOC, this Revised SIWP provides a revised RI schedule based on the additional sampling and analyses that will be performed to further delineate exceedances at the South Plant. The revised schedule is shown in Table 8. The revised schedule reflects the performance of the supplemental soil. and sediment sampling, the installation of three additional groundwater monitoring wells, and collection of two more rounds of groundwater samples from the new and existing on-site monitoring wells.

9.0 REPORTING

The results of the SI will be evaluated along with the results of the initial RI and included in a Remedial Investigation Report to be submitted according to the revised RI schedule. The RI Report will be prepared in accordance with 025 Pa Code § 250.408 and Pennsylvania's Land Recycling Program, Technical Guidance Manual (TGM) and will contain all the information from the evaluation of existing data and provide full details and results of the initial and supplemental field investigations. Concurrent with preparation of an RI report, preliminary ecological screening, pathway identification/evaluation, and/or performance of a risk assessment and development site-specific standards will be performed.

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Table 1
Summary - Soil, Surface Water, and Sediment Samples/Analyses
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Lab SDG	Field ID	Matrix	Sample Date	VOCs	SVOC	Pests	PCBs	Total Metals	Total Cyanide	EDB/DBCP	Dissolved Metals	Dissolved Cyanide	TOC	TDS	TSS	Hardness	Grain Size	Duplicate	MS/MSD
C8E150135	SB-N1 (0 5-2)	So	5/14/2008	x	x	x	x	x	x										
C8E150135	SB-N1 (10-12)	So	5/14/2008	x	x	x	x	x	x										
C8E150135	SB-N2 (0-2)	So	5/14/2008	x	x	x	x	x	x										x
C8E150135	SB-N2 (10-12)	So	5/14/2008	x	x	x	x	x	x										
C8E200166	SB-N3 (0.5-2)	So	5/19/2008	x	x	x	x	x	x										
C8E200166	SB-N3 (9-11)	So	5/19/2008	x	x	x	x	x	x										
C8E230149	SB-N4 (0.5-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N4 (8-10)	So	5/22/2008	x	x	x	x	x	x										
C8E170116	SB-N5 (0-2)	So	5/16/2008	x	x	x	x	x	x										
C8E170116	SB-N5 (10-12)	So	5/16/2008	x	x	x	x	x	x										
C8E200166	SB-N6 (0.5-2)	So	5/19/2008	x	x			x	x										
C8E200166	SB-N6 (9-11)	So	5/19/2008	x	x			x	x										
C8E150135	SB-N7 (0.5-2)	So	5/14/2008	x	x	x	x	x	x										
C8E150135	SB-N7 (16-18)	So	5/14/2008	x	x	x	x	x	x										
C8E230149	SB-N8 (0.5-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	FDSB-N8 (0.5-2)	So	5/22/2008	x	x	x	x	x	x									x	
C8E230149	SB-N8 (16-18)	So	5/22/2008	x	x	x	x	x	x										
C8E140147	SB-N9 (0.5-2)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	SB-N9 (6-8)	So	5/13/2008	x	x	x	x	x	x										
C8E230149	SB-N10 (0-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N10 (10-12)	So	5/22/2008	x	x	x	x	x	x										
C8E140147	SB-N11 (0.5-2)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	SB-N11 (14-16)	So	5/13/2008	x	x	x	x	x	x										
C8E200166	SB-N12 (0-2)	So	5/19/2008	x	x	x	x	x	x										
C8E200166	SB-N12 (10-12)	So	5/19/2008	x	x														
C8E200166	SB-N12 (8-10)	So	5/19/2008	x	x	x	x	x	x										
C8E290119	SB-N12E1 (0 5-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N12E1 (6-8)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N12N1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N12N1 (6-8)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N12S1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N12S1 (6-8)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N12W1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N12W1 (6-8)	So	5/28/2008	x	x	x	x	x	x										
C8E160132	SB-N14 (0-2)	So	5/14/2008					x	x										
C8E160132	SB-N14 (5-7)	So	5/14/2008					x	x										
C8E160132	SB-N15 (0.5-2)	So	5/15/2008	x	x	x	x	x	x										
C8E160132	SB-N15 (10-12)	So	5/15/2008	x	x	x	x	x	x										
C8E160132	SB-N15 (12-14)	So	5/15/2008	x	x														
C8E160132	SB-N15 (2-4)	So	5/15/2008	x	x														
C8E160132	SB-N15 (4-6)	So	5/15/2008	x	x														
C8E280112	SB-N15E1 (0-2)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N15E1 (6-8)	So	5/27/2008	x	x	x	x	x	x										x

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C8E290119	SB-N15N1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N15N1 (4-6)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N15N1 (6-8)	So	5/28/2008	x	x														
C8E170116	SB-N16 (0-2)	So	5/15/2008	x	x	x	x	x	x										
C8E170116	SB-N16 (12-14)	So	5/15/2008	x	x	x	x	x	x										
C8E170116	SB-N17 (0-2)	So	5/15/2008	x	x	x	x	x	x										
C8E170116	SB-N17 (17-19)	So	5/15/2008	x	x	x	x	x	x										
C8E210134	SB-N18 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N18 (6-8)	So	5/20/2008	x	x	x	x	x	x										
C8E300110	SB-N19 (0.5-2)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	SB-N19 (2-4)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	FDSB-N19 (2-4)	So	5/29/2008	x	x	x	x	x	x									x	
C8E230149	SB-N20 (0.5-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N20 (10-12)	So	5/22/2008	x	x	x	x	x	x										x
C8E220111	SB-N21 (0-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N21 (10-12)	So	5/21/2008	x	x														
C8E220111	SB-N21 (5-7)	So	5/21/2008	x	x	x	x	x	x										
C8E210134	SB-N22 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N22 (6-8)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N23 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N23 (5-7)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N24 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N24 (4-6)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N25 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N25 (2-4)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N25 (6-8)	So	5/20/2008	x	x														
C8E220111	SB-N26 (10-12)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N26 (1-3)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N27 (0-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N27 (6-8)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N27 (9-11)	So	5/21/2008	x	x														
C8E290119	SB-N27E1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	FDSB-N27E1 (0-2)	So	5/28/2008	x	x	x	x	x	x									x	
C8E290119	SB-N27E1 (8-10)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N27N1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N27N1 (8-10)	So	5/28/2008	x	x	x	x	x	x										x
C8E290119	SB-N27S1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N27S1 (8-10)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N27W1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N27W1 (8-10)	So	5/28/2008	x	x	x	x	x	x										
C8E230149	SB-N28 (0-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N28 (5-7)	So	5/22/2008	x	x	x	x	x	x										
C8E240106	SB-N29 (0-2)	So	5/23/2008	x	x	x	x	x	x										

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C8E240106	SB-N29 (14-16)	So	5/23/2008	x	x	x	x	x	x										
C8E240106	SB-N30 (0-2)	So	5/23/2008	x	x	x	x	x	x										
C8E240106	SB-N30 (16-18)	So	5/23/2008	x	x	x	x	x	x										
C8E240106	SB-N31 (0-2)	So	5/23/2008	x	x	x	x	x	x										
C8E240106	SB-N31 (16-18)	So	5/23/2008	x	x	x	x	x	x										
C8E220111	SB-N32 (0-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N32 (7-9)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N33 (0-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N33 (14-16)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N34 (0-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N34 (8-10)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N35 (0.5-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N35 (6-8)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N36 (0.5-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	SB-N36 (7-9)	So	5/21/2008	x	x	x	x	x	x										
C8E300110	SB-N37 (0.5-2)	So	5/29/2008	x	x	x	x	x	x										x
C8E300110	SB-N37 (6-8)	So	5/29/2008	x	x	x	x	x	x										
C8F070108	SB-N38 (0-2)	So	6/6/2008	x	x	x	x	x	x										x
C8F070108	SB-N38 (2-4)	So	6/6/2008	x	x	x	x	x	x										
C8E210134	SB-N39 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N39 (7-9)	So	5/20/2008	x	x	x	x	x	x										
C8E170116	SB-N40 (0-2)	So	5/16/2008	x	x	x	x	x	x										
C8E170116	SB-N40 (12-14)	So	5/16/2008	x	x	x	x	x	x										
C8E210134	SB-N41 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	SB-N41 (6-8)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	FDSB-N41 (6-8)	So	5/20/2008	x	x	x	x	x	x									x	
C8E170116	SB-N42 (0-2)	So	5/16/2008	x	x	x	x	x	x										
C8E170116	FDSB-N42 (0-2)	So	5/16/2008	x	x	x	x	x	x									x	
C8E170116	SB-N42 (4-6)	So	5/16/2008	x	x	x	x	x	x										x
C8E200166	SB-N43 (0.5-2)	So	5/19/2008	x	x	x	x	x	x										
C8E200166	SB-N43 (4-6)	So	5/19/2008	x	x	x	x	x	x										
C8E200166	SB-N44 (0.5-2)	So	5/19/2008	x	x	x	x	x	x										
C8E200166	SB-N44 (8-10)	So	5/19/2008	x	x	x	x	x	x										x
C8E150135	SB-N45 (0-2)	So	5/14/2008	x	x	x	x	x	x										
C8E150135	SB-N45 (6-8)	So	5/14/2008	x	x	x	x	x	x										
C8E140147	SB-N46 (0.5-2)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	SB-N46 (14-16)	So	5/13/2008	x	x														
C8E140147	SB-N46 (16-18)	So	5/13/2008	x	x														
C8E140147	SB-N46 (4-6)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	SB-N46 (6-8)	So	5/13/2008	x	x														
C8E280112	SB-N46E1 (0.5-2)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N46E1 (8-10)	So	5/27/2008	x	x	x	x	x	x										
C8E300110	SB-N46E2 (0.5-2)	So	5/29/2008	x	x	x	x	x	x										

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C8E300110	FDSB-N46E2 (0.5-2)	So	5/29/2008	x	x	x	x	x	x									x	
C8E300110	SB-N46E2 (10-12)	So	5/29/2008	x	x	x	x	x	x										x
C8E300110	SB-N46E2E1 (0.5-2)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	SB-N46E2E1 (2-4)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	SB-N46E2E1 (6-8)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	SB-N46E2N1 (0.5-2)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	SB-N46E2N1 (10-12)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	FDSB-N46E2N1 (10-12)	So	5/29/2008	x	x	x	x	x	x									x	
C8E300110	SB-N46E2S1 (0.5-2)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	SB-N46E2S1 (10-12)	So	5/29/2008	x	x	x	x	x	x										
C8E280112	SB-N46S1 (0.5-2)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	FDSB-N46S1 (0.5-2)	So	5/27/2008	x	x	x	x	x	x									x	
C8E280112	SB-N46S1 (10-12)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N46S1 (8-10)	So	5/27/2008	x	x														
C8E280112	SB-N46W1 (0.5-2)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N46W1 (9-11)	So	5/27/2008	x	x	x	x	x	x										
C8E140147	SB-N47 (0.5-2)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	SB-N47 (10-12)	So	5/13/2008	x	x														
C8E140147	SB-N47 (2-4)	So	5/13/2008	x	x	x	x	x	x										
C8E280112	SB-N47E1 (0.5-2)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N47E1 (8-10)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N47N1 (0.5-2)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N47N1 (8-10)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N47W1 (0-2)	So	5/27/2008	x	x	x	x	x	x										
C8E280112	SB-N47W1 (9-11)	So	5/27/2008	x	x	x	x	x	x										
C8E170116	SB-N48 (0.5-2)	So	5/16/2008	x	x	x	x	x	x										
C8E170116	SB-N48 (4-6)	So	5/16/2008	x	x	x	x	x	x										
C8E170116	SB-N48 (8-10)	So	5/16/2008	x	x	x	x	x	x										
C8E160132	SB-N49 (0.5-2)	So	5/15/2008	x	x	x	x	x	x										
C8E160132	SB-N49 (6-8)	So	5/15/2008	x	x	x	x	x	x										
C8E290119	SB-N49E1 (0-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N49E1 (2-4)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N49E1 (6-8)	So	5/28/2008	x	x														
C8E290119	SB-N49S1 (0.5-2)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N49S1 (4-6)	So	5/28/2008	x	x	x	x	x	x										
C8E290119	SB-N49S1 (6-8)	So	5/28/2008	x	x														
C8E160132	SB-N50 (0-2)	So	5/14/2008	x	x	x	x	x	x										
C8E160132	SB-N50 (6-8)	So	5/14/2008	x	x	x	x	x	x										
C8E230149	SB-N51 (0-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N51 (6-8)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N52 (0-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N52 (7-9)	So	5/22/2008	x	x	x	x	x	x										
C8E210134	SB-N53 (0-2)	So	5/20/2008	x	x	x	x	x	x										

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C8E210134	SB-N53 (8-10)	So	5/20/2008	x	x	x	x	x	x										
C8E160132	SB-N54 (0-2)	So	5/14/2008	x	x	x	x	x	x										
C8E160132	SB-N54 (6-8)	So	5/14/2008	x	x	x	x	x	x										
C8E230149	SB-N55 (0.5-2)	So	5/22/2008	x	x	x	x	x	x										
C8E230149	SB-N55 (6-8)	So	5/22/2008	x	x	x	x	x	x										
C8E140147	SB-N56 (0.5-2)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	SB-N56 (10-12)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	SB-N57 (0.5-2)	So	5/13/2008	x	x	x	x	x	x										
C8E140147	FDSB-N57 (0.5-2)	So	5/13/2008	x	x	x	x	x	x									x	
C8E140147	SB-N57 (14-16)	So	5/13/2008	x	x	x	x	x	x										
C8E240106	SB-N58 (0-2)	So	5/23/2008	x	x	x	x	x	x										
C8E240106	SB-N58 (6-8)	So	5/23/2008	x	x	x	x	x	x										
C8E170116	SB-N59 (0-2)	So	5/15/2008	x	x	x	x	x	x										
C8E170116	SB-N59 (10-12)	So	5/15/2008	x	x	x	x	x	x										
C8E170116	SB-N60 (0-2)	So	5/15/2008	x	x	x	x	x	x										
C8E170116	SB-N60 (16-18)	So	5/15/2008	x	x	x	x	x	x										
C8F060145	SB-N61 (2-4)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N61 (8-10)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N62 (0-2)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N62 (10-12)	So	6/5/2008	x	x	x	x	x	x										
C8E300110	SB-N63 (0-2)	So	5/29/2008	x	x	x	x	x	x										
C8E300110	SB-N63 (10-12)	So	5/29/2008	x	x	x	x	x	x										
C8F060145	SB-N64 (0-2)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N64 (6-8)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N65 (1-2)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N65 (6-8)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N66 (0.5-2)	So	6/5/2008	x	x	x	x	x	x										
C8F060145	SB-N66 (6-8)	So	6/5/2008	x	x	x	x	x	x										
C8F030149	MW-N1 (0.5-2)	So	6/2/2008	x	x			x	x										
C8F030149	MW-N1 (8-10)	So	6/2/2008	x	x			x	x										
C8F040163	MW-N2 (0-2)	So	6/3/2008	x	x	x	x	x	x										
C8F040163	MW-N2 (10-12)	So	6/3/2008	x	x	x	x	x	x										
C8F040163	MW-N2 (12-14)	So	6/3/2008	x	x	x	x	x	x										
C8F040163	MW-N2 (14-16)	So	6/3/2008	x	x	x	x	x	x										
C8F040163	MW-N3 (0-2)	So	6/3/2008	x	x	x	x	x	x										
C8F040163	MW-N3 (6-8)	So	6/3/2008	x	x	x	x	x	x										x
C8F030149	MW-N4 (0-2)	So	6/2/2008	x	x	x	x	x	x										
C8F030149	MW-N4 (8-10)	So	6/2/2008	x	x	x	x	x	x										
C8F050147	MW-N5 (0-2)	So	6/4/2008	x	x	x	x	x	x				x						
C8F050147	MW-N5 (8-10)	So	6/4/2008	x	x			x	x				x						
C8F050147	MW-N6 (0-2)	So	6/4/2008	x	x	x	x	x	x										
C8F050147	MW-N6 (8-10)	So	6/4/2008	x	x	x	x	x	x										
C8F050147	MW-N7 (0-2)	So	6/4/2008	x	x	x	x	x	x										

Table 1
Summary - Soil, Surface Water, and Sediment Samples/Analyses
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Lab SDG	Field ID	Matrix	Sample Date	VOCs	SVOC	Pests	PCBs	Total Metals	Total Cyanide	EDB/DBCP	Dissolved Metals	Dissolved Cyanide	TOC	TDS	TSS	Hardness	Grain Size	Duplicate	MS/MSD
C8F050147	MW-N7 (6-8)	So	6/4/2008	x	x	x	x	x	x										
C8F040163	MW-N8 (0.5-2)	So	6/3/2008	x	x	x	x	x	x										
C8F040163	MW-N8 (8-10)	So	6/3/2008	x	x	x	x	x	x										
C8F040163	FDMW-N8 (8-10)	So	6/3/2008	x	x	x	x	x	x									x	
C8F050147	MW-N9 (0-2)	So	6/4/2008	x	x	x	x	x	x										
C8F050147	MW-N9 (4-6)	So	6/4/2008	x	x	x	x	x	x										
C8E220111	PB-N1 (0.5-2)	So	5/21/2008	x	x	x	x	x	x										
C8E220111	PB-N1 (6-8)	So	5/21/2008	x	x	x	x	x	x										x
C8E210134	PB-N2 (0-2)	So	5/20/2008	x	x	x	x	x	x										
C8E210134	PB-N2 (8-10)	So	5/20/2008	x	x	x	x	x	x										
C8E230149	PB-N4 (10-12)	So	5/22/2008	x	x														
C8E230149	PB-N4 (2-4) [1]	So	5/22/2008	x	x	x	x	x	x										
C8E230149	PB-N4 (7-9)	So	5/22/2008	x	x	x	x	x	x										
C8E200166	PB-N5 (0-2)	So	5/19/2008	x	x	x	x	x	x										
C8E200166	PB-N5 (6-8)	So	5/19/2008	x	x	x	x	x	x										
C8E200166	FDPB-N5(6-8)	So	5/19/2008	x	x	x	x	x	x									x	
C8F110280	SS-N1	SS	6/10/2008	x	x	x	x	x	x				x				x		
C8F110280	SW-N1	SW	6/10/2008	x	x	x	x	x	x	x	x	x	x	x	x	x			
C8F110280	FDSW-N1	SW	6/10/2008	x	x	x	x	x	x	x	x	x	x	x	x	x		x	
C8F110280	SW-N2	SW	6/10/2008	x	x	x	x	x	x	x	x	x	x	x	x	x			x

Notes:

All samples to be analyzed for chemical analysis were shipped to Test America Laboratories, of Pittsburgh, PA

[1] = Sample PB-N4(0-2) collected from 1 to 2.5 feet below ground surface and is considered a surface soil sample.

Abbreviations:

SDG = Sample Delivery Group
VOCs = Volatile Organic Compounds
SVOCs = Semivolatile Organic Compounds
PCBs = Polychlorinated Biphenyls
TOC = Total Organic Carbon
TDS = Total Dissolved Solids
TSS = Total Suspended Solids
TB = Trip Blank
W = Water
RB = Rinsate Blank
So = Soil
SW = Surface Water
SS = Sediment
MS/MSD= Matrix Spike/Matrix Spike Duplicate

Table 2
Summary - Groundwater Samples/Analyses
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Lab SDG	Field ID	Matrix	Sample Date	VOCs	SVOC	Pests	PCBs	Total Metals	Total Cyanide	EDB/DBCP	Dissolved Metals	Dissolved Cyanide	TDS	Duplicate	MS/MSD
C8G090121	MW-N1	GW	7/8/2008	x	x	x	x	x	x	x	x	x	x		x
C8G090121	MW-N2	GW	7/8/2008	x	x	x	x	x	x	x	x	x	x		
C8G090121	MW-N3	GW	7/8/2008	x	x	x	x	x	x	x	x	x	x		
C8G090121	MW-N4	GW	7/8/2008	x	x	x	x	x	x	x	x	x	x		
C8G090121	MW-N5	GW	7/7/2008	x	x	x	x	x	x	x	x	x			
C8G090121	MW-N6	GW	7/8/2008	x	x	x	x	x	x	x	x	x	x		
C8G100199	MW-N7	GW	7/9/2008	x	x	x	x	x	x	x	x	x	x		
C8G100199	FDMW-N7	GW	7/9/2008	x	x	x	x	x	x	x	x	x	x	x	
C8G090121	MW-N8	GW	7/8/2008	x	x	x	x	x	x	x	x	x	x		
C8G100199	MW-N9	GW	7/9/2008	x	x	x	x	x	x	x	x	x	x		
C8G100199	RB_070908	RB	7/9/2008	x	x	x	x	x	x	x	x	x	x		
C8G090121	RB_GW070708	RB	7/7/2008	x	x	x	x	x	x	x	x	x	x		
C8G090121	TB_070708	TB	7/7/2008	x											
C8G100199	TB_070908	TB	7/9/2008	x											
C8I110115	MW-N1	GW	9/10/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	MW-N2	GW	9/10/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	MW-N3	GW	9/10/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	MW-N4	GW	9/10/2008	x	x	x	x	x	x	x	x	x	x		x
C8I110115	MW-N5	GW	9/9/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	MW-N6	GW	9/9/2008	x	x	x	x	x	x	x	x	x			
C8I110115	MW-N7	GW	9/10/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	MW-N8	GW	9/10/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	MW-N9	GW	9/10/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	MW-N6FD	GW	9/9/2008	x	x	x	x	x	x	x	x	x	x	x	
C8I110115	RBGW_090908	RB	9/9/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	RBGW_091008	RB	9/10/2008	x	x	x	x	x	x	x	x	x	x		
C8I110115	TBGW_091008	TB	9/10/2008	x											

Notes: All samples to be analyzed for chemical analysis were shipped to Test America Laboratories, of Pittsburgh, PA

Abbreviations:

SDG = Sample Delivery Group
VOCs = Volatile Organic Compounds
SVOCs = Semivolatile Organic Compounds
PCBs = Polychlorinated Biphenyls
TB = Trip Blank
W = Water
RB = Rinsate Blank
So = Soil
TOC = Total Organic Carbon
TDS = Total Dissolved Solids
TSS = Total Suspended Solids
SW = Surface Water
SS = Sediment
MS/MSD= Matrix Spike/Matrix Spike Duplicate

Table 3a
Summary of Surface Soil and Sediment Detections
Above Direct Contact and/or Soil to Groundwater MSCs
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area of Concern	Location	Analyte	Direct Contact MSC (mg/kg)	Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N1	SB-N46E1	Ethylbenzene	10,000	70	*300*
		Xylene	10,000	1,000	*4,000*
	SB-N46E2	Ethylbenzene	10,000	70	*180*
		Xylene	10,000	1,000	*2,100*
	SB-N46E2E1	Ethylbenzene	10,000	70	*170*
		Trichloroethene	970	0.5	*5.4* J
		Xylene	10,000	1,000	*2,700*
	SB-N46E2N1	Ethylbenzene	10,000	70	*130*
		Xylene	10,000	1,000	*1,800*
	SB-N46W1	Ethylbenzene	10,000	70	*100*
	SB-N47	Ethylbenzene	10,000	70	*1,000*
		Xylene	10,000	1,000	*4,800*
	SB-N47E1	Ethylbenzene	10,000	70	*650*
		Trichloroethene	970	0.5	*6.5* J
		Xylene	10,000	1,000	*6,000*
	SB-N47N1	Ethylbenzene	10,000	70	*98*
	SB-N10	Benzo[a]pyrene	11	46	**14**
	SB-N11	Lead	1,000	450	*553*
	SB-N63	Lead	1,000	450	*674*
AOC-N4	SB-N6	Lead	1,000	450	*838*
		Iron	190,000	NS	**225,000** J
	MW-N1	Lead	1,000	450	***1,640***
		Iron	190,000	NS	**263,000**
AOC-N5	SB-N5	Lead	1,000	450	***1,500***
AOC-N6	SB-N12S1	Lead	1,000	450	*670*
	SB-N12W1	Lead	1,000	450	*561*
		Arsenic	53	150	**67.6** K
AOC-N7	SB-N62	Iron	190,000	NS	**198,000**
AOC-N8	SB-N17	Lead	1,000	450	***1,770***
AOC-N9	SB-N15	Ethylbenzene	10,000	70	*110*
	SB-N15N1	Lead	1,000	450	*606*
	SB-N16	Lead	1,000	450	***1,180***
	SB-N48	Lead	1,000	450	*665*
	SB-N49	Antimony	1,100	27	*33.2*
		Lead	1,000	450	***1,360***
	MW-N9	Lead	1,000	450	***1,320***

Table 3a
Summary of Surface Soil and Sediment Detections
Above Direct Contact and/or Soil to Groundwater MSCs
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area of Concern	Location	Analyte	Direct Contact MSC (mg/kg)	Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N11	SB-N18	Lead	1,000	450	***1,050***
	MW-N7	Lead	1,000	450	*740*
AOC-N12	SB-N20	Lead	1,000	450	*885*
	SB-N21	Lead	1,000	450	*785*
AOC-N14	SB-N27S1	Lead	1,000	450	*599*
AOC-N18	SB-N23	Lead	1,000	450	*738*
AOC-N19	SB-N22	Antimony	1,100	27	***1,220***
		Lead	1,000	450	***26,300***
AOC-N21	SB-N41	Lead	1,000	450	***1,530***
AOC-N22	SB-N39	Lead	1,000	450	*749*
AOC-N25	PB-N2	Lead	1,000	450	*613*
	SB-N40	Lead	1,000	450	*726*
AOC-N26	SB-N42	Lead	1,000	450	*759*
		Iron	190,000	NS	**341,000**
AOC-N29	SB-N34	Lead	1,000	450	***1,700***
AOC-N30	SB-N29	Antimony	1,100	27	*33.8* L
		Lead	1,000	450	***1,420***
		Iron	190,000	NS	**210,000**
AOC-N31	SB-N51	Aroclor 1232	160	2	*62*
	SB-N52	Lead	1,000	450	*753*
	SB-N53	Iron	190,000	NS	**210,000**
		Lead	1,000	450	*658*
		Benzo[a]pyrene	11	46	**16**
General	SB-N7	Lead	1,000	450	*862*
	SB-N28	Lead	1,000	450	*480*
	PB-N4	Lead	1,000	450	***1,260***

Notes:

Concentrations that exceed Direct Contact MSC are in **bold**. Concentrations that exceed the Soil-To-Groundwater MSC are in *italics*.

NS = No Standard provided in PADEP Guidance document

J = Estimated concentration

L = Inorganic analyte concentration reported is biased low based upon review and validation of data.

K = Inorganic analyte concentration reported is biased high based upon review and validation of data.

Reported exceedances are the higher detections of either the primary sample or the duplicate sample.

Table 3b
Summary of Surface Soil and Sediment Detections
Potentially Above Direct Contact and/or Soil to Groundwater MSCs
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area of Concern	Location	Analyte	Direct Contact MSC (mg/kg)		Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)	
AOC-N1	SB-N11	Chromium (Total)	Cr (III)	190,000	190,000	***545***	L
			Cr (VI)	420	190		
AOC-N3	MW-N4	Chromium (Total)	Cr (III)	190,000	190,000	*238*	
			Cr (VI)	420	190		
AOC-N7	SB-N62	Chromium (Total)	Cr (III)	190,000	190,000	***1,360***	
			Cr (VI)	420	190		
	SB-N14	Chromium (Total)	Cr (III)	190,000	190,000	*200*	
			Cr (VI)	420	190		
AOC-N9	SB-N15N1	Chromium (Total)	Cr (III)	190,000	190,000	*285*	K
			Cr (VI)	420	190		
	SB-N16	Chromium (Total)	Cr (III)	190,000	190,000	***489***	
			Cr (VI)	420	190		
	SB-N48	Chromium (Total)	Cr (III)	190,000	190,000	*249*	
			Cr (VI)	420	190		
	SB-N49	Chromium (Total)	Cr (III)	190,000	190,000	***848***	
			Cr (VI)	420	190		
AOC-N21	SB-N41	Chromium (Total)	Cr (III)	190,000	190,000	*416*	
			Cr (VI)	420	190		
AOC-N29	SB-N34	Chromium (Total)	Cr (III)	190,000	190,000	*406*	K
			Cr (VI)	420	190		
AOC-N31	SB-N53	Chromium (Total)	Cr (III)	190,000	190,000	***914***	
			Cr (VI)	420	190		
General	SB-N7	Chromium (Total)	Cr (III)	190,000	190,000	*192*	J
			Cr (VI)	420	190		

Note:
The concentration for chromium is total chromium. The standards for Trivalent Chromium (Cr III) and Hexavalent Chromium (Cr VI) are shown for comparison purposes. Total chromium concentrations that may exceed Direct Contact MSC for Cr VI are in **bold**. Total Chromium concentrations that may exceed the Soil-To-Groundwater MSC for Cr VI are in *italics*.

J = Estimated concentration

L = Inorganic analyte concentration reported is biased low based upon review and validation of data.

K = Inorganic analyte concentration reported is biased high based upon review and validation of data.

Reported exceedances are the higher detections of either the primary sample or the duplicate sample.

Table 4a
Summary of Subsurface Soil Detections
Above Direct Contact and/or Soil to Groundwater MSCs[1]
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area of Concern	Location	Sample Depth	Analyte	Direct Contact MSC (mg/kg)	Max. Soil-To-Groundwater MSC (mg/kg)	1/10th Generic Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N1	SB-N9	6 - 8	Cobalt	190,000	200	2.2	5.6
	SB-N10	10 - 12	Cobalt	190,000	200	2.2	13.9
	SB-N11	14 - 16	Cobalt	190,000	200	2.2	14
	SB-N46	4 - 6	Cobalt	190,000	200	2.2	9.3
	SB-N46S1	10 - 12	Cobalt	190,000	200	2.2	13.5
	SB-N46E1	8 - 10	Cobalt	190,000	200	2.2	13.3
	SB-N46W1	9 - 11	Cobalt	190,000	200	2.2	12.9
	SB-N46E2	10 - 12	Cobalt	190,000	200	2.2	13.5
	SB-N46E2E1	2 - 4	Cobalt	190,000	200	2.2	8.3
			Ethylbenzene	10,000	70	4.6	120
			Xylenes, total	10,000	1,000	99	1,800
		6 - 8	Cobalt	190,000	200	2.2	15.2
	SB-N46E2N1	10 - 12	Cobalt	190,000	200	2.2	15.8
	SB-N46E2S1	10 - 12	Arsenic	190,000	150	15	17.5 J
			Cobalt	190,000	200	2.2	14.1
	SB-N47	2 - 4	Ethylbenzene	10,000	70	4.6	9,700
			Cobalt	190,000	200	2.2	6.6
			Xylenes, total	10,000	1,000	99	**49,000**
	SB-N47E1	8 - 10	Cobalt	190,000	200	2.2	13.1
	SB-N47N1	8 - 10	Cobalt	190,000	200	2.2	13.8
	SB-N47W1	9 - 11	Cobalt	190,000	200	2.2	12.4
	SB-N54	6 - 8	Cobalt	190,000	200	2.2	4.7
	SB-N55	6 - 8	Cobalt	190,000	200	2.2	12.9
	SB-N56	10 - 12	Arsenic	190,000	150	15	16.7 J
			Cobalt	190,000	200	2.2	13.2
	SB-N57	14 - 16	Cobalt	190,000	200	2.2	14.1
	SB-N58	6 - 8	Arsenic	190,000	150	15	15.5 J
			Cobalt	190,000	200	2.2	10.8
	SB-N63	10 - 12	Cobalt	190,000	200	2.2	13
	MW-N6	8 - 10	Cobalt	190,000	200	2.2	15.8
AOC-N2	SB-N3	9 - 11	Lead	190,000	450	45	46.1
			Cobalt	190,000	200	2.2	11.2
AOC-N3	SB-N8	16 - 18	Cobalt	190,000	200	2.2	7.5
	MW-N4	8 - 10	alpha-BHC	190,000	0.19	0.019	0.14
			Cobalt	190,000	200	2.2	5.9
AOC-N4	SB-N6	9 - 11	Selenium	190,000	26	2.6	2.7
			Cobalt	190,000	200	2.2	5.0
	MW-N1	8 - 10	Lead	190,000	450	45	60.4
			Cobalt	190,000	200	2.2	10.4
AOC-N5	SB-N5	10 - 12	Arsenic	190,000	150	15	17.3
			Cobalt	190,000	200	2.2	11.8
			Iron	190,000	NS	-	**201,000**
			Lead	190,000	450	45	179
AOC-N6	SB-N12	8 - 10	Methylene Chloride	4,000	0.5	0.0076	0.2 J
			Naphthalene	190,000	25	2.5	5.3 K
			Cobalt	190,000	200	2.2	2.8
	SB-N12E1	6-8	Cobalt	190,000	200	2.2	3.8
	SB-N12W1	6-8	Cobalt	190,000	200	2.2	9
	SB-N12N1	6-8	Cobalt	190,000	200	2.2	4.2
	SB-N12S1	6 - 8	Arsenic	190,000	150	15	18.7 K
			Cobalt	190,000	200	2.2	8.5

Table 4a
Summary of Subsurface Soil Detections
Above Direct Contact and/or Soil to Groundwater MSCs[1]
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area of Concern	Location	Sample Depth	Analyte	Direct Contact MSC (mg/kg)	Max. Soil-To-Groundwater MSC (mg/kg)	1/10th Generic Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N7	SB-N14	5 - 7	Cobalt	190,000	200	2.2	6.3
	SB-N62	10 - 12	Cobalt	190,000	200	2.2	15.3
AOC-N8	SB-N17	17 - 19	Cobalt	190,000	200	2.2	7.9
AOC-N9	SB-N15	2 - 4	Ethylbenzene	10,000	70	4.6	14
		4 - 6	Ethylbenzene	10,000	70	4.6	2,500
			Xylenes, total	10,000	1,000	99	**12,000**
		10 - 12	Methylene Chloride	4,000	0.5	0.0076	0.13 J
		12 - 14	Cobalt	190,000	200	2.2	10.1
			Ethylbenzene	10,000	70	4.6	250
			Xylenes, total	10,000	1,000	99	1,200
	SB-N15E1	6 - 8	Cobalt	190,000	200	2.2	9.6
			Ethylbenzene	10,000	70	4.6	93
			Xylenes, total	10,000	1,000	99	450
	SB-N15N1	4 - 6	Ethylbenzene	10,000	70	4.6	43
			Bromomethane	300	1	0.054	0.89 J
			Cobalt	190,000	200	2.2	15.9
			Xylenes, total	10,000	1,000	99	290
		6 - 8	Bromomethane	300	1	0.054	0.48 J
	SB-N16	12-14	Cobalt	190,000	200	2.2	8.5
	SB-N48	4 - 6	Arsenic	190,000	150	15	58.1
			Cobalt	190,000	200	2.2	3.9
			Lead	190,000	450	45	119
		8 - 10	Cobalt	190,000	200	2.2	12.9
	SB-N49	6 - 8	Ethylbenzene	10,000	70	4.6	9
			Cobalt	190,000	200	2.2	8.6
	SB-N49E1	2 - 4	Cobalt	190,000	200	2.2	8.2
	SB-N49E1	6 - 8	Ethylbenzene	10,000	70	4.6	5.4 J
			Bromomethane	300	1	0.054	0.71 J
	SB-N49S1	4 - 6	Ethylbenzene	10,000	70	4.6	31
			Xylenes, total	10,000	1,000	99	140
			Cobalt	190,000	200	2.2	7.7
		6 - 8	Ethylbenzene	10,000	70	4.6	10
	SB-N59	10-12	Cobalt	190,000	200	2.2	7.4
	SB-N60	16 - 18	Cobalt	190,000	200	2.2	6.8
	SB-N61	2 - 4	Antimony	190,000	27	2.7	4.5
			Cobalt	190,000	200	2.2	7.5
			Lead	190,000	450	45	180
		8 - 10	Cobalt	190,000	200	2.2	13.4
	SB-N64	6 - 8	Cobalt	190,000	200	2.2	12.4
	SB-N65	6 - 8	Cobalt	190,000	200	2.2	20
	SB-N66	6 - 8	Arsenic	190,000	150	15	19
			Cobalt	190,000	200	2.2	18.2
			Ethylbenzene	10,000	70	4.6	5
	MW-N9	4 - 6	Cobalt	190,000	200	2.2	12.7
			Ethylbenzene	10,000	70	4.6	99
			Xylenes, total	10,000	1,000	99	640
AOC-N10	SB-N19	2 - 4	Antimony	190,000	27	2.7	3 J
			Lead	190,000	450	45	469 J
			Cobalt	190,000	200	2.2	9.9
AOC-N11	SB-N18	6 - 8	Cobalt	190,000	200	2.2	8.1 K
	MW-N7	6 - 8	Cobalt	190,000	200	2.2	6.7

Table 4a
Summary of Subsurface Soil Detections
Above Direct Contact and/or Soil to Groundwater MSCs[1]
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area of Concern	Location	Sample Depth	Analyte	Direct Contact MSC (mg/kg)	Max. Soil-To-Groundwater MSC (mg/kg)	1/10th Generic Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N12	SB-N20	10 - 12	Cobalt	190,000	200	2.2	14.9
	SB-N21	5 - 7	Lead	190,000	450	45	100
			Cobalt	190,000	200	2.2	6.9
AOC-N13	MW-N2	10-12	Cobalt	190,000	200	2.2	4.3
		12-14	Methylene Chloride	4,000	0.5	0.0076	0.043 J
			Cobalt	190,000	200	2.2	3.7
		14-16	Cobalt	190,000	200	2.2	5.8
AOC-N14	SB-N27	6 - 8	Arsenic	190,000	150	15	17.1 K
			Cobalt	190,000	200	2.2	7.1
	SB-N27N1	8 - 10	Cobalt	190,000	200	2.2	2.4
	SB-N27E1	8 - 10	Cobalt	190,000	200	2.2	5.6
	SB-N27W1	8 - 10	Cobalt	190,000	200	2.2	6.5
	SB-N27S1	8 - 10	Arsenic	190,000	150	15	19.4 K
			Cobalt	190,000	200	2.2	8.4
AOC-N15	SB-N1	10 - 12	Cobalt	190,000	200	2.2	12.7
AOC-N16	SB-N2	10 - 12	Cobalt	190,000	200	2.2	8
AOC-N17	SB-N4	8 - 10	Cobalt	190,000	200	2.2	13
AOC-N18	SB-N23	5 - 7	Antimony	190,000	27	2.7	50.9
			Arsenic	190,000	150	15	46 K
			Cobalt	190,000	200	2.2	20.5 K
			Iron	190,000	NS	-	**487,000**
			Lead	190,000	450	45	1,270
AOC-N19	SB-N22	6 - 8	Cobalt	190,000	200	2.2	5.9 K
AOC-N20	SB-N24	4 - 6	Cobalt	190,000	200	2.2	5.2 K
AOC-N21	SB-N41	6 - 8	Lead	190,000	450	45	55.8
			Cobalt	190,000	200	2.2	7.7 K
AOC-N22	SB-N39	7 - 9	Cobalt	190,000	200	2.2	5.2 K
AOC-N23	SB-N37	6 - 8	Tetrachloroethene	3,300	0.5	0.043	0.62
			Cobalt	190,000	200	2.2	13.8
			Vinyl Chloride	220	0.2	0.0027	0.12 J
AOC-N24	SB-N38	2 - 4	Arsenic	190,000	150	15	19.8 L
			Cobalt	190,000	200	2.2	9.8
			Lead	190,000	450	45	133
AOC-N25	PB-N2	8-10	Cobalt	190,000	200	2.2	5.3 K
	SB-N40	12 - 14	Cobalt	190,000	200	2.2	4.5
AOC-N26	SB-N42	4 - 6	Lead	190,000	450	45	48
			Cobalt	190,000	200	2.2	7.5
AOC-N27	SB-N43	4 - 6	Cobalt	190,000	200	2.2	5.9
	SB-N44	8 - 10	Cobalt	190,000	200	2.2	6.7
	PB-N5	10-12	Cobalt	190,000	200	2.2	9
AOC-N28	SB-N35	6 - 8	Cobalt	190,000	200	2.2	7.5
	SB-N36	7 - 9	Cobalt	190,000	200	2.2	6.4
	MW-N8	8 - 10	Arsenic	190,000	150	15	32
			Cobalt	190,000	200	2.2	10.6
AOC-N29	SB-N32	7 - 9	Cobalt	190,000	200	2.2	6.9
	SB-N33	14 - 16	Cobalt	190,000	200	2.2	3.3
	SB-N34	8 - 10	Cobalt	190,000	200	2.2	4.6
AOC-N30	SB-N29	14 - 16	Arsenic	190,000	150	15	18.2 J
			Cobalt	190,000	200	2.2	6.9
	SB-N30	16 - 18	Arsenic	190,000	150	15	71.7 J
			Cobalt	190,000	200	2.2	10.3
			Lead	190,000	450	45	68.5
	SB-N31	16 - 18	Cobalt	190,000	200	2.2	6.4

Table 4a
Summary of Subsurface Soil Detections
Above Direct Contact and/or Soil to Groundwater MSCs[1]
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area of Concern	Location	Sample Depth	Analyte	Direct Contact MSC (mg/kg)	Max. Soil-To-Groundwater MSC (mg/kg)	1/10th Generic Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N31	SB-N50	6 - 8	Arsenic	190,000	150	15	21.9
			Cobalt	190,000	200	2.2	8.9
	SB-N51	6 - 8	Cobalt	190,000	200	2.2	4.5
	SB-N52	7 - 9	Lead	190,000	450	45	85.9
			Cobalt	190,000	200	2.2	5.7
	SB-N53	8 - 10	Cobalt	190,000	200	2.2	8.4 K
General Site/Down-Gradient	SB-N7	16 - 18	Cobalt	190,000	200	2.2	13.6
			Lead	190,000	450	45	125 J
	SB-N25	2 - 4	Lead	190,000	450	45	75.6
			Cobalt	190,000	200	2.2	7.6 K
			Vinyl Chloride	220	0.2	0.0027	0.026
	SB-N26	10 - 12	Cobalt	190,000	200	2.2	4.5
	SB-N28	5 - 7	Arsenic	190,000	150	15	20.5 J
			Lead	190,000	450	45	215
			Cobalt	190,000	200	2.2	9.3
			Gamma-BHC	190,000	0.072	0.0072	0.0093 J
	SB-N45	6 - 8	Cobalt	190,000	200	2.2	5.5
	MW-N3	6-8	Cobalt	190,000	200	2.2	7.9
	PB-N1	6 - 8	Lead	190,000	450	45	256
			Cobalt	190,000	200	2.2	6.9
	PB-N4	7-9	Cobalt	190,000	200	2.2	9.4
Up-Gradient/Non-Operational Area	MW-N5	8-10	Cobalt	190,000	200	2.2	7.6

Notes:

Number	= Concentrations that exceed Direct Contact MSC are in **bold**.
Number	= Concentrations that exceed the Direct Contact MSC, the Soil-To-Groundwater MSC, and 1/10th the Soil-To-Groundwater MSC are in **bold &** highlight.
Number	= Concentrations that exceed both the Soil-To-Groundwater MSC, and 1/10th the Soil-To-Groundwater MSC are in highlight.
Number	= Concentrations that exceed 1/10th Soil-To-Groundwater MSC

NS = No Standard provided in PADEP Guidance document

J = Estimated concentration

L = Inorganic analyte concentration reported is biased low based upon review and validation of data.

K = Inorganic analyte concentration reported is biased high based upon review and validation of data.

[1]All samples analyzed for TAL Metals had exceedances of 1/10th the generic Soil-to-Groundwater MSC for cobalt with the exception of one sample.

Table 4b
Summary of Subsurface Soil Detections
Potentially Above Direct Contact and/or Soil to Groundwater MSCs
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area Of Concern	Location	Sample Depth	Analyte	Direct Contact MSC (mg/kg)		Max. Soil-To-Groundwater MSC (mg/kg)	1/10th Generic Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N1	MW-N6	8 - 10	Chromium (Total)	Cr (III)	190,000	190,000	19,000	23.2
				Cr (VI)	190,000	190	19	
	SB-N10	10 - 12	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.4
				Cr (VI)	190,000	190	19	
	SB-N11	14 - 16	Chromium (Total)	Cr (III)	190,000	190,000	19,000	22.4 L
				Cr (VI)	190,000	190	19	
	SB-N46E2E1	6 - 8	Chromium (Total)	Cr (III)	190,000	190,000	19,000	20.1 K
				Cr (VI)	190,000	190	19	
	SB-N46E2N1	10 - 12	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.2 K
				Cr (VI)	190,000	190	19	
	SB-N47E1	8 - 10	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.2
				Cr (VI)	190,000	190	19	
	SB-N46	4 - 6	Chromium (Total)	Cr (III)	190,000	190,000	19,000	21.1
				Cr (VI)	190,000	190	19	
	SB-N58	6 - 8	Chromium (Total)	Cr (III)	190,000	190,000	19,000	20.5 K
				Cr (VI)	190,000	190	19	
AOC-N3	MW-N4	8 - 10	Chromium (Total)	Cr (III)	190,000	190,000	19,000	21.3
				Cr (VI)	190,000	190	19	
AOC-N4	SB-N6	9 - 11	Chromium (Total)	Cr (III)	190,000	190,000	19,000	26.3
				Cr (VI)	190,000	190	19	
	MW-N1	8 - 10	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.7
				Cr (VI)	190,000	190	19	
AOC-N5	SB-N5	10 - 12	Chromium (Total)	Cr (III)	190,000	190,000	19,000	23
				Cr (VI)	190,000	190	19	
AOC-N7	SB-N62	10 - 12	Chromium (Total)	Cr (III)	190,000	190,000	19,000	25.2
				Cr (VI)	190,000	190	19	
AOC-N9	SB-N16	12 - 14	Chromium (Total)	Cr (III)	190,000	190,000	19,000	43.3
				Cr (VI)	190,000	190	19	
	SB-N48	4 - 6	Chromium (Total)	Cr (III)	190,000	190,000	19,000	26.4
				Cr (VI)	190,000	190	19	
		8 - 10	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.4
				Cr (VI)	190,000	190	19	
	SB-N49S1	4 - 6	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.1 K
				Cr (VI)	190,000	190	19	
	SB-N61	2 - 4	Chromium (Total)	Cr (III)	190,000	190,000	19,000	68.1
				Cr (VI)	190,000	190	19	
	SB-N61	8 - 10	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.3
				Cr (VI)	190,000	190	19	
	SB-N64	6 - 8	Chromium (Total)	Cr (III)	190,000	190,000	19,000	22.8
				Cr (VI)	190,000	190	19	
	SB-N65	6 - 8	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.5
				Cr (VI)	190,000	190	19	
	SB-N66	6 - 8	Chromium (Total)	Cr (III)	190,000	190,000	19,000	20.7
				Cr (VI)	190,000	190	19	

Table 4b
Summary of Subsurface Soil Detections
Potentially Above Direct Contact and/or Soil to Groundwater MSCs
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Area Of Concern	Location	Sample Depth	Analyte	Direct Contact MSC (mg/kg)		Max. Soil-To-Groundwater MSC (mg/kg)	1/10th Generic Soil-To-Groundwater MSC (mg/kg)	Concentration (mg/kg)
AOC-N10	SB-N19	2 - 4	Chromium (Total)	Cr (III)	190,000	190,000	19,000	36.2 K
				Cr (VI)	190,000	190	19	
AOC-N12	SB-N3	9 - 11	Chromium (Total)	Cr (III)	190,000	190,000	19,000	36.6
				Cr (VI)	190,000	190	19	
AOC-N15	SB-N1	10 - 12	Chromium (Total)	Cr (III)	190,000	190,000	19,000	21.2 J
				Cr (VI)	190,000	190	19	
AOC-N16	SB-N2	10 - 12	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.9 J
				Cr (VI)	190,000	190	19	
AOC-N17	SB-N4	8 - 10	Chromium (Total)	Cr (III)	190,000	190,000	19,000	19.9
				Cr (VI)	190,000	190	19	
AOC-N18	SB-N23	5 - 7	Chromium (Total)	Cr (III)	190,000	190,000	19,000	94.9
				Cr (VI)	190,000	190	19	
AOC-N22	SB-N39	7 - 9	Chromium (Total)	Cr (III)	190,000	190,000	19,000	25.9
				Cr (VI)	190,000	190	19	
AOC-N24	SB-N38	2 - 4	Chromium (Total)	Cr (III)	190,000	190,000	19,000	22.8 K
				Cr (VI)	190,000	190	19	
AOC-N26	SB-N42	4 - 6	Chromium (Total)	Cr (III)	190,000	190,000	19,000	23.3
				Cr (VI)	190,000	190	19	
AOC-N27	PB-N5	6 - 8	Chromium (Total)	Cr (III)	190,000	190,000	19,000	28.9
				Cr (VI)	190,000	190	19	
AOC-N31	SB-N52	7 - 9	Chromium (Total)	Cr (III)	190,000	190,000	19,000	20.7
				Cr (VI)	190,000	190	19	
General	SB-N7	16 - 18	Chromium (Total)	Cr (III)	190,000	190,000	19,000	34.6 J
				Cr (VI)	190,000	190	19	
	SB-N28	5 - 7	Chromium (Total)	Cr (III)	190,000	190,000	19,000	90.2
				Cr (VI)	190,000	190	19	
	PB-N1	6 - 8	Chromium (Total)	Cr (III)	190,000	190,000	19,000	42.3 K
				Cr (VI)	190,000	190	19	

Note:

The concentration for chromium is total chromium. The standards for Trivalent Chromium (Cr III) and Hexavalent Chromium (Cr VI) are shown for comparison purposes. Total chromium concentrations that may exceed one-tenth the generic Soil-To-Groundwater MSC for Cr VI are shown.

J = Estimated concentration

L = Inorganic analyte concentration reported is biased low based upon review and validation of data.

K = Inorganic analyte concentration reported is biased high based upon review and validation of data.

Table 5
Summary of Groundwater Detections
Above Residential Used Aquifer (TDS ≤ 2,500) MSCs
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Location	Analyte	Used Aquifer MSC (TDS<2,500) Residential (µg/l)	Used Aquifer MSC (TDS<2,500) Non-Residential (µg/l)	Concentration (1) (µg/l) July 2008	Concentration (1) (µg/l) September 2008
MW-N1	Manganese (Total)	300	300	***843***	***860***
	Manganese (Dissolved)	300	300	***834***	***832***
	Arsenic (Total)	10	10	7.9	***12.3***
	Arsenic (Dissolved)	10	10	8.6	***11.1***
MW-N2	Manganese (Total)	300	300	***573***	***307***
	Manganese (Dissolved)	300	300	***495***	***308***
	Tetrachloroethene	5	5	***24***	***23***
	Vinyl Chloride	2	2	***12***	***14***
	Dibenzo[a,h]anthracene	0.09	0.36	*0.14 (J)*	ND
MW-N3	Arsenic (Total)	10	10	***22.2***	***69.8***
	Arsenic (Dissolved)	10	10	***15.9***	***40.7***
	Lead (Total)	5	5	ND	***15.8***
	Manganese (Total)	300	300	***1,260***	***1,380***
	Manganese (Dissolved)	300	300	***1,160***	***729***
MW-N4	Benzo[a]pyrene	0.2	0.2	***0.22***	ND
	Dibenzo[a,h]anthracene	0.09	0.36	*0.28*	ND
MW-N5	Lead (Total)	5	5	3.4	***10.4***
	Manganese (Total)	300	300	242	***331***
MW-N6	4-Nitroaniline	2.1	5.8	***19***	ND
	Manganese (Total)	300	300	137	***311***
	Manganese (Dissolved)	300	300	146	***309***
MW-N7 (3)	Manganese (Total)	300	300	***828***	***401***
	Manganese (Dissolved)	300	300	***878***	***472***
	Benzo[a]anthracene	0.9	3.6	*2.1*	ND
	Benzo[a]pyrene	0.2	0.2	***2.1***	ND
	Benzo[b]fluoranthene	0.9	1.2	***1.9***	ND
	Benzo[g,h,i]perylene	0.26	0.26	***2.9***	ND
	Benzo[k]fluoranthene	0.55	0.55	***2.4***	ND
	Bis(2-ethylhexyl)phthalate	6	6	***11***	ND
	Chrysene	1.9	1.9	***2.3***	ND
	Dibenzo[a,h]anthracene	0.09	0.36	***3***	ND
	Indeno[1,2,3-cd]pyrene	0.9	3.6	*2.8*	ND
MW-N8	Manganese (Total)	300	300	***594***	***520***
	Manganese (Dissolved)	300	300	**659**	***553***
	Tetrachloroethene	5	5	***12***	***11***
MW-N9	Lead (Total)	5	5	***6.2***	***15.1***
	Arsenic (Total)	10	10	5	***19.1***
	Arsenic (Dissolved)	10	10	***4.8***	***22***
	Manganese (Total)	300	300	231	***320***

Note:

(1) Concentrations that exceed Non-Residential Used Aquifer (TDS ≤ 2,500) MSCs are in **bold.** Concentrations that exceed Residential Used Aquifer (TDS ≤ 2,500) MSCs are in *italics.*

(2) Detections in sample MW-N7 are from the field duplicate sample. There were no detections above MSCs in the primary sample from MW-N7, with the exception of a detection of manganese.

(3) Reported exceedances are the higher detections of either the primary sample or the duplicate sample.

(J) Analyte concentration estimated.

ND = Analyte not detected above detection limit.

Table 6
Proposed Soil Sample Summary
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Potential AOC #	Description	Potential Chemicals of Concern	Proposed Method		Proposed Samples Soil/Sediment		Proposed Laboratory Analyses										Location Designations	Rationale
			Soil Boring (1)	Sediment Sample	#	Depth (2)	TCL VOCs	TCL SVOCs	PCBs	Pest	TAL Metals/ Cyanide	Antimony	Arsenic	Lead	Cr (total) Cr VI	SPLP (3)		
AOC-N29	Storage Area of Spent Solvent and Paint Waste (east of "Steel Shelves")	Lead	4		4	0 to 2 ft bgs								x		x	SB-N34N1, SB-N34E1, SB-N34S1, SB-N34W1	Install borings to evaluate the extent of lead detection above applicable MSC at SB-N34.
					4	2 to 4 ft bgs								x		x		
AOC-N30	Grass, Gravel, and Asphalt Covered Area with Rusty Drums, AST Storage and Former Chemical Storage	Lead	4		4	0 to 2 ft bgs								x		x	SB-N29N1, SB-N29E1, SB-N29S1, SB-N29W1	Install borings to evaluate the extent of lead detection above applicable MSC at SB-N29.
					4	2 to 4 ft bgs								x		x		
		Arsenic	4		20	0 to 2 ft bgs 4 to 6 ft bgs 8 to 10 ft bgs 12 to 14 ft bgs 16 to 18 ft bgs							x			x	SB-N30N1, SB-N30E1, SB-N30S1, SB-N30W1	Install borings to evaluate the extent of arsenic detection above applicable MSC at SB-N30.
		VOCs	4		4	0 to 2 ft bgs	x										SB-N31N1, SB-N31E1, SB-N31S1, SB-N31W1	Install borings to evaluate the extent of VOC detections at SB-N31.
					4	> 2 ft bgs	x											
AOC-N31	Former Railroad Track Switches Locations Across Entire Site	PCBs	4		4	0 to 2 ft bgs			x								SB-N51N1, SB-N51E1, SB-N51S1, SB-N51W1	Install borings to evaluate the extent of aroclor 1232 detection above applicable MSC at SB-N51.
					4	2 to 4 ft bgs			x									
		SVOCs	4		4	0 to 2 ft bgs		x									SB-N53N1, SB-N53E1, SB-N53S1, SB-N53W1	Install borings to evaluate the extent of benzo[a]pyrene detection above applicable MSC at SB-N53.
					4	2 to 4 ft bgs		x										
General	General Site/Downgradient Conditions	VOCs	4		4	0 to 2 ft bgs	x										SB-N25N1, SB-N25E1, SB-N25S1, SB-N25W1	Install borings to evaluate the extent of VOC detection above applicable MSC at SB-N25.
					4	> 2 ft bgs	x											
		Lead	3		3	0 to 2 ft bgs								x		x	PB-N4N1, PB-N4E1, PB-N4S1	Install borings to evaluate the extent of lead detection above applicable MSC at PB-N4.
					3	2 to 4 ft bgs								x		x		

Notes:

(1) Soil borings include surface/subsurface soil borings. If gross impacts are found during the installation of a soil boring, then additional borings will be installed to delineate the vertical and horizontal extent. Gross impacts will include separate phase liquids or high VOC readings from the PID. Additional borings will be added by "stepping out" from the boring exhibiting the gross impacts for assistance in delineating the impacts horizontally.

(2) Additional samples will be collected and analyzed at soil borings being advance for the delineation of VOCs if there are observable impacts of VOCs based on visual observations and screening with a PID. VOC samples will be collected from the interval exhibiting the highest PID reading and a sample will be collected from a deeper interval that does not exhibit PID readings.

(3) Synthetic Precipitation Leaching Procedure (SPLP) will be performed on four (4) samples with the highest total concentration of lead and arsenic.

Table 6
Proposed Soil Sample Summary
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Potential AOC #	Description	Potential Chemicals of Concern	Proposed Method: Soil Boring (1)	Proposed Method: Sediment Sample	Proposed Samples Soil/Sediment: #	Proposed Samples Soil/Sediment: Depth (2)	Proposed Laboratory Analyses: TCL VOCs	TCL SVOCs	PCBs	Pest	TAL Metals/ Cyanide	Antimony	Arsenic	Lead	Cr (total) Cr VI	SPLP (3)	Location Designations	Rationale
AOC-N11	Former Paint Shop	Lead	4		4	0 to 2 ft bgs								x		x	SB-N18N1, SB-N18E1, SB-N18S1, SB-N18W1	Install borings to evaluate the extent of lead detection above applicable MSC at SB-N18.
					4	2 to 4 ft bgs								x		x		
AOC-N13	Former Southwest Transformer Area/Down Gradient Groundwater Location	VOCs SVOCs	4		4	0 to 2 ft bgs	x	x									SBMW-N2N1, SBMW-N2E1, SBMW-N2S1, SBMW-N2W1	Install borings to evaluate the extent of VOC/SVOC detection above applicable MSCs at MW-N2.
					4	> 2 ft bgs	x	x										
AOC-N18	Substation/Transformer Area - Former GE Shop South	Antimony Arsenic Lead	4		16	0 to 2 ft bgs 2 to 4 ft bgs 4 to 6 ft bgs 6 to 8 ft bgs						x	x	x		x	SB-N23N1, SB-N23E1, SB-N23S1, SB-N23W1	Install borings to evaluate the extent of antimony, arsenic, and lead detections above applicable MSC at SB-N23.
AOC-N19	Substation/Transformer Area - Former GE Shop North	Antimony Lead	4		4	0 to 2 ft bgs						x		x		x	SB-N22N1, SB-N22E1, SB-N22S1, SB-N22W1	Install borings to evaluate the extent of antimony and lead detection above applicable MSC at SB-N22.
					4	2 to 4 ft bgs						x		x		x		
AOC-N21	Stormwater Discharge / Former Stream Location	Chromium VI		1	1	0 to 0.5 ft bgs									x		SS-N1R	Collect additional sediment samples to evaluate the potential presence of hexavalent chromium.
		Lead	4		4	0 to 2 ft bgs								x		x	SB-N41N1, SB-N41E1, SB-N41S1, SB-N41W1	Install borings to evaluate the extent of lead detection above applicable MSC at SB-N41.
					4	2 to 4 ft bgs								x		x		
AOC-N23	Former Sub-Station West Side of Former Wheel and Axle Shop (concrete staining) and Chemical and Waste Storage Area	VOCs	4		4	0 to 2 ft bgs	x										SB-N37N1, SB-N37E1, SB-N37S1, SB-N37W1	Install borings to evaluate the extent of VOC detections above applicable MSCs at SB-N37.
					4	> 2 ft bgs	x											
AOC-N28	Former Wood Mill/Storage Area of Spent Solvent and Paint Waste (south and SE of "Steel Shelves"), Including Oil Storage Areas, Chemical Storage Area, and Former Incinerator	Arsenic	4		20	0 to 2 ft bgs 2 to 4 ft bgs 4 to 6 ft bgs 6 to 8 ft bgs 8 to 10 ft bgs							x			x	SBMW-N8N1, SBMW-N8E1, SBMW-N8S1, SBMW-N8W1	Install borings to evaluate the extent of arsenic detection above applicable MSC at MW-N8.

Table 6
Proposed Soil Sample Summary
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Potential AOC #	Description	Potential Chemicals of Concern	Proposed Method		Proposed Samples Soil/Sediment		Proposed Laboratory Analyses										Location Designations	Rationale
			Soil Boring (1)	Sediment Sample	#	Depth (2)	TCL VOCs	TCL SVOCs	PCBs	Pest	TAL Metals/ Cyanide	Antimony	Arsenic	Lead	Cr (total or VI)	SPLP (3)		
AOC-N1	"Old Erie Shop" – Paint Shop	VOCs	5		5	0 to 2 ft bgs	x										SB-46W2, SB-N47NW1, SB-N47N2, SB-N73, SB-N74	Install borings to evaluate the extent of VOC detections above applicable MSC at several borings.
					5	> 2 ft bgs	x											
		SVOCs	4		4	0 to 2 ft bgs		x									SB-N10N1, SB-N10E1, SB-N10S1, SB-N10W1	Install borings to evaluate the extent of benzo[a]pyrene detection above applicable MSC at SB-N10.
					4	2 to 4 ft bgs		x										
AOC-N4	Former Reservoir Area and Former Fuel Oil UST	Lead	4		4	0 to 2 ft bgs								x		x	MW-N1N1, MW-N1E1, MW-N1S1, MW-N1W1	Install borings to evaluate the extent of lead detection above applicable MSC at MW-N1.
					4	2 to 4 ft bgs								x		x		
AOC-N5	Former Fuel Oil UST	Lead	3		3	0 to 2 ft bgs								x		x	SB-N5E1, SB-N5S1, SB-N5W1	Install borings to evaluate the extent of lead detection above applicable MSC at SB-N5.
					3	2 to 4 ft bgs								x		x		
AOC-N6	Former Pickling Room	Arsenic	3		3	0 to 2 ft bgs							x			x	SB-N12NW1, SB-N12W2, SB-N12SW1	Install borings to evaluate the extent of arsenic detection above applicable MSC at SB-N12W1.
					3	2 to 4 ft bgs							x			x		
AOC-N8	South-Central Transformer Area	Lead	4		4	0 to 2 ft bgs								x		x	SB-N17N1, SB-N17E1, SB-N17S1, SB-N17W1	Install borings to evaluate the extent of lead detection above applicable MSC at SB-N17.
					4	2 to 4 ft bgs								x		x		
AOC-N9	Central "Old" Paint Shop	VOCs	7		7	0 to 2 ft bgs	x										SB-N15R1, SB-N67, SB-N68, SB-N69, SB-N70, SB-N71, SB-N72	Install borings to evaluate the extent of VOC detections above applicable MSC at several borings.
					7	> 2 ft bgs	x											
		Lead	4		4	0 to 2 ft bgs								x		x	SB-N16N1, SB-N16E1, SB-N16S1, SB-N16W1	Install borings to evaluate the extent of lead detection above applicable MSC at SB-N16.
					4	2 to 4 ft bgs								x		x		
		Arsenic	4		16	0 to 2 ft bgs 2 to 4 ft bgs 4 to 6 ft bgs 6 to 8 ft bgs							x			x	SB-N48N1, SB-N48E1, SB-N48S1, SB-N48W1	Install borings to evaluate the extent of arsenic detection above applicable MSC at SB-N48.
		Chromium	1		2	0 to 2 ft bgs 2 to 4 ft bgs									x		SB-N62B	Install borings to evaluate the potential presence of hexavalent chromium above applicable MSC at SB-N62.

Table 7
Proposed Groundwater & Surface Water Sample Summary
North Plant Supplemental Investigation Work Plan
Trinity Industries, Inc.
Greenville, Pennsylvania

Sample Location (2)	Number of Sample Events	Proposed Laboratory Analyses			
		TCL VOCs	TCL SVOCs	Antimony Arsenic Lead Manganese (total)	Antimony Arsenic Lead Manganese (dissolved)
MW-N1	2	x	x	x	x
MW-N2	2	x	x	x	x
MW-N3	2	x	x	x	x
MW-N4	2	x	x	x	x
MW-N5	2	x	x	x	x
MW-N6	2	x	x	x	x
MW-N7	2	x	x	x	x
MW-N8	2	x	x	x	x
MW-N9	2	x	x	x	x
MW-N10	2	x	x	x	x
MW-N11	2	x	x	x	x
MW-N12	2	x	x	x	x

Notes:

(1) Field parameters will be collected and include: temperature, pH, turbidity, specific conductance, and dissolved oxygen.

(2) Groundwater monitoring wells MW-N1 through MW-N9 are existing wells and were installed during the initial RI. Monitoring wells MW-N10, MW-N11, and MW-N12 are new proposed monitoring wells to be installed during the supplemental investigation.

Table 8
Revised Schedule
North Plant Remedial Investigation
Trinity Industries, Inc.
Greenville, Pennsylvania

Activity	Duration	Start Date	End Date
Onsite Investigation Activities	**151 days**	**4/14/2008**	**9/11/2008**
Mobilization	21 days	4/14/2008	5/4/2008
Layout Sample Locations	3 days	5/7/2008	5/9/2008
Soil Boring/Sampling	19 days	5/12/2008	5/30/2008
Sediment/Surface Water Sampling	1 day	6/6/2008	6/6/2008
Hydrogeologic Investigation	102 days	6/2/2008	9/11/2008
Well Installation	*7 days*	*6/2/2008*	*6/8/2008*
Well Development	*10 days*	*6/9/2008*	*6/18/2008*
Survey Wells	*1 day*	*6/9/2008*	*6/9/2008*
1st Round of Sampling	*3 days*	*7/7/2008*	*7/9/2008*
Slug Tests	*2 days*	*7/10/2008*	*7/11/2008*
2nd Round of Sampling	*4 days*	*9/8/2008*	*9/11/2008*
Laboratory Analyses	**147 days**	**5/15/2008**	**10/8/2008**
Soil Samples	28 days	5/15/2008	6/11/2008
Sediment/Surface Water Samples	28 days	6/7/2008	7/4/2008
1st Round - GW Samples	28 days	7/10/2008	8/6/2008
2nd Round - GW Samples	28 days	9/11/2008	10/8/2008
Data Validation	**126 days**	**6/12/2008**	**10/15/2008**
Soil Samples	7 days	6/12/2008	6/18/2008
Sediment/Surface Water Samples	7 days	7/5/2008	7/11/2008
1st Round - GW Samples	7 days	8/7/2008	8/13/2008
2nd Round - GW Samples	7 days	10/9/2008	10/15/2008
Supplemental Investigation (SI) Notification Letter	**41 days**	**10/16/08**	**11/25/08**
Preliminary Evaluation of RI Data	35 days	10/16/08	11/19/08
Prepare SI Notification Letter	5 days	11/19/08	11/24/08
Submit SI Notification Letter to PADEP	1 days	11/25/08	11/25/08
SI Work Plan	**121 days**	**11/26/08**	**03/26/09**
Prepare SIWP	60 days	11/26/08	01/24/09
Submit SIWP to PADEP	0 days	01/26/09	01/26/09
PADEP Review & Approval	60 days	01/26/09	03/26/09
SI Field Activities	**131 days**	**03/26/09**	**08/07/09**
Field Work Preparation/Subcontracting	14 days	03/30/09	04/12/09
Layout Sample Locations	7 days	04/13/09	04/19/09
Soil Borings/Sampling	21 days	04/20/09	05/10/09
Sediment/Surface Water Sampling	4 days	05/07/09	05/10/09
Hydrogeologic Investigation	89 days	05/11/09	08/07/09
Well Installation	*3 days*	*05/11/09*	*05/13/09*
Well Development	*2 days*	*05/13/09*	*05/14/09*
Survey Wells	*1 day*	*06/01/09*	*06/01/09*
3rd Round of Sampling	*5 days*	*06/01/09*	*06/05/09*
Slug Tests	*3 days*	*06/08/09*	*06/10/09*
4th Round of Sampling	*5 days*	*08/03/09*	*08/07/09*

Table 8
Revised Schedule
North Plant Remedial Investigation
Trinity Industries, Inc.
Greenville, Pennsylvania

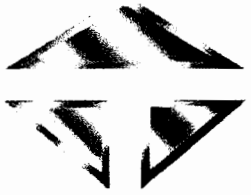
Activity	Duration	Start Date	End Date
Laboratory Analyses	**117 days**	**05/09/09**	**09/04/09**
Soil Samples	28 days	05/11/09	06/07/09
Sediment/Surface Water Samples	28 days	05/11/09	06/07/09
3rd Round - GW Samples	28 days	06/06/09	07/03/09
4th Round - GW Samples	28 days	08/08/09	09/04/09
Data Validation	**103 days**	**06/08/09**	**09/18/09**
Soil Samples	21 days	06/08/09	06/28/09
Sediment/Surface Water Samples	7 days	06/08/09	06/14/09
3rd Round - GW Samples	14 days	07/04/09	07/17/09
4th Round - GW Samples	14 days	09/05/09	09/18/09
RI Reporting Activities	**150 days**	**09/19/09**	**02/15/10**
Prepare RI Report	60 days	09/19/09	11/17/09
Submit RI Report to PADEP	0 days	11/17/09	11/17/09
PADEP Approval	90 days	11/18/09	02/15/10
Notice of Intent to Remediate	**14 days**		
Prepare NIR & Public Notices	14 days	Upon RI Report Approval	
Submit NIR to PADEP	0 days		14 Days After RI Report Approval
Notify Public & Municipality	0 days		14 Days After RI Report Approval
Proposed Clean Up Work Plan (As Necessary)	**120 days**		
Prepare Proposed Clean Up Work Plan	60 days	Upon RI Report Approval	
Submit Clean Up Work Plan to PADEP	0 days		60 Days After RI Report Approval
PADEP Approval	60 days		
Final Report (As Required)	**90 or 120 days**		
Prepare Final Report	90 or 120 days	Upon RI Report Approval or Completion of Site Remediation	
Submit Final Report to PADEP	0 days		120 Days After RI Report Approval or 90 Days After Completion of Site Remediation

SUPPLEMENTAI
INVESTIGATION
WORK PLAN

NORTH PLANT
TRINITY INDUSTRIES,
Greenville, Pennsylvania

VOLUME 2 OF 2

Prepared for :



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SUPPLEMENTAL INVESTIGATION WORK PLAN
NORTH PLANT
TRINITY INDUSTRIES, INC.
GREENVILLE, PENNSYLVANIA

Volume 2 of 2

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Appendix B

Validated Subsurface Soil Analytical Results
North Plant

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:				PADEP MSCs			MW-N1			MW-N2			MW-N2			MW-N2		
	Sample Date:				Non-Residential			06/02/2008			06/03/2008			06/03/2008			06/03/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			12			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			14			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	11,300		0.31	2,460		0.27	2,430		0.28	3,690		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.5		0.0044	0.12	L	0.0038	0.11	L	0.0039	0.12	L	0.004
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	10.6		0.022	6.3		0.019	6.8		0.019	10.1		0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	82.5		0.01	10.9		0.0089	11.7		0.009	15.3		0.0093
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.61		0.0049	0.13		0.0043	0.12		0.0043	0.22		0.0045
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.31		0.012	0.076	J	0.011	0.063	J	0.011	0.093	J	0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,850		2.4	8,180		2.1	28,300		2.1	5,600		2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	19.7		0.011	5.2		0.0092	6.3		0.0094	7.6		0.0097
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	10.4		0.0033	4.3		0.0029	3.7		0.0029	5.8		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	31.4		0.011	12.1		0.0098	10.9		0.01	14.4		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	35,700		0.38	12,400		0.33	13,100		0.34	16,500		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	60.4		0.0045	19.5		0.0039	13.1		0.004	11.4		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,280		0.5	1,610		0.44	11,000		0.44	2,400		0.46
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	587		0.019	302	K	0.017	501	K	0.017	321	K	0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	25.9		0.009	9.1		0.0079	8.4		0.008	13		0.0082
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,040		1.3	466		1.1	462		1.2	788		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.74		0.054	0.23	L	0.047	0.13	L	0.048	0.25	L	0.049
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.095	J	0.0032	0.014	J	0.0028	0.012	J	0.0028	0.019	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	63.1		0.96	34.2		0.84	49.7		0.85	78.9		0.88
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.25		0.0026	0.064	J	0.0023	0.055	J	0.0023	0.083	J	0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	27.8		0.0077	7		0.0067	7		0.0068	9.8		0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	95.4		0.015	39.9		0.014	36.7		0.014	47.5		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.11		0.0094	0.018	J	0.0082	0.011	J	0.0083	0.01	J	0.0086
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	0.17	J	0.13	< 0.11	U	0.11	< 0.11	U	0.11	< 0.12	U	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	0.5	J	0.17	< 0.17	U	0.17	< 0.18	U	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	< 0.11	U	0.11	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	< 0.26	U	0.26	< 0.27	U	0.27	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	< 0.2	U	0.2	< 0.21	U	0.21	< 0.22	U	0.22
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	< 0.29	U	0.29	< 0.3	U	0.3	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.12	U	0.12	< 0.12	U	0.12	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	< 0.22	U	0.22	< 0.23	U	0.23	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.44	U	0.44	< 0.45	U	0.45	< 0.47	U	0.47
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.2	U	0.2	< 0.21	U	0.21	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							MW-N1			MW-N2			MW-N2			MW-N2		
	Sample Date:		PADEP MSCs					06/02/2008			06/03/2008			06/03/2008			06/03/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			12			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			14			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	< 0.14	U	0.14	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.31	U	0.31	< 0.32	U	0.32	< 0.33	U	0.33
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	< 0.15	U	0.15	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.24	U	0.24	< 0.25	U	0.25	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.22	U	0.22	< 0.23	U	0.23	< 0.24	U	0.24
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	0.35	J	0.26	0.3	J	0.27	< 0.28	U	0.28
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.24	U	0.24	< 0.25	U	0.25	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	< 0.19	U	0.19	< 0.2	U	0.2	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	< 0.79	U	0.79	< 0.81	U	0.81	< 0.84	U	0.84
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	< 13	U	13	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	< 2.8	U	2.8	< 2.9	U	2.9	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	< 3.6	U	3.6	< 3.7	U	3.7	< 3.9	U	3.9
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	< 3.3	U	3.3	< 3.3	U	3.3	< 3.5	U	3.5
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	< 3.1	U	3.1	< 3.2	U	3.2	< 3.3	U	3.3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	< 2.7	U	2.7	< 2.8	U	2.8	< 2.9	U	2.9
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	< 2.7	U	2.7	< 2.8	U	2.8	< 2.9	U	2.9
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.61	U	0.61	< 0.53	U	0.53	< 55	UL	55	< 0.56	U	0.56
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.9	U	0.9	< 0.79	U	0.79	< 61	UL	61	< 0.83	U	0.83
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1	U	1	< 0.91	U	0.91	< 57	UL	57	< 0.96	U	0.96
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.72	U	0.72	< 0.63	U	0.63	< 53	UL	53	< 0.66	U	0.66
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.1	U	1.1	< 0.93	U	0.93	< 63	UL	63	< 0.98	U	0.98
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.1	U	1.1	< 0.97	U	0.97	< 56	UL	56	< 1	U	1
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.94	U	0.94	< 0.82	U	0.82	< 45	UL	45	< 0.86	U	0.86
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.1	U	1.1	< 0.95	U	0.95	< 56	UL	56	< 0.99	U	0.99
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1	U	1	< 0.88	U	0.88	< 59	UL	59	< 0.92	U	0.92
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.77	U	0.77	< 0.67	U	0.67	< 59	UL	59	< 0.71	U	0.71
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.68	U	0.68	< 0.6	U	0.6	< 60	UL	60	< 0.63	U	0.63
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.82	U	0.82	< 0.72	U	0.72	< 57	UL	57	< 0.76	U	0.76
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.8	U	0.8	< 0.7	U	0.7	< 60	UL	60	< 0.73	U	0.73
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.1	U	1.1	< 0.97	U	0.97	< 52	UL	52	< 1	U	1
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.87	U	0.87	< 0.76	U	0.76	< 43	UL	43	< 0.8	U	0.8
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.82	U	0.82	< 0.72	U	0.72	< 47	UL	47	< 0.75	U	0.75
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	8.4	J	6.3	< 5.5	U	5.5	< 64	UL	64	< 5.8	U	5.8

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							MW-N1			MW-N2			MW-N2			MW-N2		
	Sample Date:		PADEP MSCs Non-Residential					06/02/2008			06/03/2008			06/03/2008			06/03/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				8			10			12			14		
	End Depth:		Subsurface Soil					10			12			14			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.85	U	0.85	< 0.74	U	0.74	< 56	UL	56	< 0.78	U	0.78
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.7	U	0.7	< 0.62	U	0.62	< 52	UL	52	< 0.65	U	0.65
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.56	U	0.56	< 0.49	U	0.49	< 55	UL	55	< 0.51	U	0.51
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.93	U	0.93	< 0.81	U	0.81	< 68	UL	68	< 0.85	U	0.85
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.64	U	0.64	< 0.56	U	0.56	< 66	UL	66	< 0.59	U	0.59
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.56	U	0.56	< 0.49	U	0.49	< 48	UL	48	< 0.51	U	0.51
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.95	U	0.95	< 0.83	U	0.83	< 60	UL	60	< 0.87	U	0.87
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.9	U	1.9	< 1.7	U	1.7	< 78	UL	78	< 1.8	U	1.8
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.73	U	0.73	< 0.64	U	0.64	< 57	UL	57	< 0.67	U	0.67
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.1	U	1.1	< 0.93	U	0.93	< 60	UL	60	< 0.98	U	0.98
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.88	U	0.88	< 0.77	U	0.77	< 58	UL	58	< 0.81	U	0.81
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.85	U	0.85	< 0.74	U	0.74	< 48	UL	48	< 0.78	U	0.78
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.47	U	0.47	< 0.41	U	0.41	< 54	UL	54	< 0.43	U	0.43
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.89	U	0.89	< 0.78	U	0.78	< 50	UL	50	< 0.82	U	0.82
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.84	U	0.84	< 0.73	U	0.73	< 69	UL	69	< 0.77	U	0.77
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.81	U	0.81	< 0.71	U	0.71	< 64	UL	64	< 0.74	U	0.74
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.3	U	1.3	< 1.2	U	1.2	< 66	UL	66	< 1.2	U	1.2
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.85	U	0.85	< 0.74	U	0.74	< 58	UL	58	< 0.78	U	0.78
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.1	U	1.1	< 0.99	U	0.99	< 57	UL	57	< 1	U	1
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.91	U	0.91	< 0.8	U	0.8	920	J	60	< 0.84	U	0.84
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.94	U	0.94	< 0.82	U	0.82	< 50	UL	50	< 0.86	U	0.86
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1.8	B	1.8	< 7	B	7	43	J	41	< 6.3	B	6.3
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.67	U	0.67	< 0.58	U	0.58	< 60	UL	60	< 0.61	U	0.61
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.85	U	0.85	< 0.75	U	0.75	< 70	UL	70	< 0.78	U	0.78
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.92	U	0.92	< 0.8	U	0.8	< 43	UL	43	< 0.84	U	0.84
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.75	U	0.75	< 0.65	U	0.65	< 63	UL	63	< 0.69	U	0.69
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.75	U	0.75	< 0.66	U	0.66	< 47	UL	47	< 0.69	U	0.69
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.83	U	0.83	< 0.72	U	0.72	< 60	UL	60	< 0.76	U	0.76
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.2	U	1.2	< 1	U	1	< 87	UL	87	< 1.1	U	1.1
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.59	U	0.59	< 0.52	U	0.52	< 60	UL	60	< 0.54	U	0.54
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.8	U	2.8	< 2.5	U	2.5	260	J	190	< 2.6	U	2.6
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 7.1	U	7.1	< 3.2	U	3.2	< 3.2	U	3.2	< 3.3	U	3.3
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 7	U	7	< 3.1	U	3.1	< 3.1	U	3.1	< 3.2	U	3.2
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 2.6	U	2.6	< 1.1	U	1.1	< 1.1	U	1.1	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 3.7	U	3.7	< 1.6	U	1.6	< 1.7	U	1.7	< 1.7	U	1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 100	U	100	< 45	U	45	< 45	U	45	< 48	U	48
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 4.5	U	4.5	< 2	U	2	< 2	U	2	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 5.6	U	5.6	< 2.5	U	2.5	< 2.5	U	2.5	< 2.6	U	2.6
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 5	U	5	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							MW-N1			MW-N2			MW-N2			MW-N2		
	Sample Date:		PADEP MSCs					06/02/2008			06/03/2008			06/03/2008			06/03/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			12			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			14			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 4.3	U	4.3	< 1.9	U	1.9	< 1.9	U	1.9	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	58		4.8	5.9	J	2.1	< 2.1	U	2.1	< 2.2	U	2.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 5.4	U	5.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 5.2	U	5.2	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 6.9	U	6.9	< 3	U	3	< 3.1	U	3.1	< 3.2	U	3.2
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 19	U	19	< 8.6	U	8.6	< 8.7	U	8.7	< 9	U	9
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 7.4	U	7.4	< 3.3	U	3.3	< 3.3	U	3.3	< 3.5	U	3.5
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 61	U	61	< 27	U	27	< 27	U	27	< 28	U	28
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.9	U	3.9	< 1.7	U	1.7	< 1.7	U	1.7	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 5.3	U	5.3	< 2.3	U	2.3	< 2.3	U	2.3	< 2.5	U	2.5
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 7.4	U	7.4	< 3.3	U	3.3	< 3.3	U	3.3	< 3.5	U	3.5
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.3	U	4.3	< 1.9	U	1.9	< 1.9	U	1.9	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 5.4	U	5.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 3.6	U	3.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 6.7	U	6.7	< 3	U	3	< 3	U	3	< 3.1	U	3.1
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	9.6	J	4.5	< 2	U	2	< 2	U	2	< 2.1	U	2.1
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	11	J	5	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	8	J	5.2	< 2.3	U	2.3	< 2.3	U	2.3	2.5	J	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	19		4.9	< 2.2	U	2.2	21		2.2	< 2.3	U	2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 5.9	U	5.9	< 2.6	U	2.6	< 2.7	U	2.7	< 2.8	U	2.8
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9.2	U	9.2	< 4.1	U	4.1	< 4.1	U	4.1	< 4.3	U	4.3
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	68		3.4	< 1.5	U	1.5	5.2	J	1.5	< 1.6	U	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	56		2.7	3	J	1.2	2.7	J	1.2	< 1.2	U	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	90		3.3	4.7	J	1.5	3.9	J	1.5	1.9	J	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	44		2.9	4.1	J	1.3	3.2	J	1.3	1.9	J	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 2.8	U	2.8	< 1.2	U	1.2	< 1.2	U	1.2	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	7.4	J	4.8	< 2.1	U	2.1	< 2.1	U	2.1	< 2.2	U	2.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4	U	4	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 1.9	U	1.9	< 0.86	U	0.86	< 0.87	U	0.87	< 0.91	U	0.91
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 5.2	U	5.2	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	< 6.6	U	6.6	24	J	2.9	27	J	2.9	14	J	3.1
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 6.9	U	6.9	12	J	3.1	11	J	3.1	14	J	3.2
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	65	J	16	< 7.2	U	7.2	< 7.3	U	7.3	53		7.6
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	10	J	3.5	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	76		3.4	< 1.5	U	1.5	5.4	J	1.5	< 1.6	U	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	5.8	J	5.5	< 2.4	U	2.4	< 2.4	U	2.4	< 2.6	U	2.6
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	25	J	4.8	< 2.1	U	2.1	< 2.1	U	2.1	2.6	J	2.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 7.7	U	7.7	< 3.4	U	3.4	4.5	J	3.4	< 3.6	U	3.6
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.9	U	4.9	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 14	U	14	< 6.3	U	6.3	< 6.4	U	6.4	8.5	J	6.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					MW-N1			MW-N2			MW-N2			MW-N2		
	Sample Date:							06/02/2008			06/03/2008			06/03/2008			06/03/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			12			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			14			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 6	U	6	< 2.7	U	2.7	< 2.7	U	2.7	< 2.8	U	2.8
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	110		5.6	8.8		2.5	54		2.5	< 2.6	U	2.6
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	16	J	4.2	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 5.2	U	5.2	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 5.3	U	5.3	< 2.3	U	2.3	< 2.4	U	2.4	< 2.5	U	2.5
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 4	U	4	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 3.9	U	3.9	< 1.7	U	1.7	< 1.7	U	1.7	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	36		3.1	1.8	J	1.4	< 1.4	U	1.4	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 4.8	U	4.8	< 2.1	U	2.1	< 2.1	U	2.1	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	37		4.2	< 1.9	U	1.9	< 1.9	U	1.9	2.8	J	1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 2.1	U	2.1	< 0.95	U	0.95	< 0.96	U	0.96	< 1	U	1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 2.1	U	2.1	< 0.94	U	0.94	< 0.94	U	0.94	< 0.98	U	0.98
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 4.7	U	4.7	< 2.1	U	2.1	< 2.1	U	2.1	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 6.4	U	6.4	< 2.9	U	2.9	< 2.9	U	2.9	< 3	U	3
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	120		4.1	7.8		1.8	38		1.8	5.9	J	1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 5.2	U	5.2	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	99		5.3	16		2.3	43		2.4	< 2.5	U	2.5

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold**.

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*.

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					MW-N3			MW-N4			MW-N5			MW-N6		
	Sample Date:							06/03/2008			06/02/2008			06/04/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	9,150		0.34	4,250		0.27	4,690		0.29	10,600		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.16	L	0.0047	0.34		0.0038	0.19	J	0.0041	0.13	J	0.004
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	9.6		0.024	10.3		0.019	14.6		0.02	6.8		0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	51.3		0.011	21.2		0.0089	24.3		0.0095	55.4		0.0094
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.36		0.0053	0.3		0.0043	0.32		0.0046	0.6		0.0045
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.14		0.013	0.12		0.01	0.083	J	0.011	0.2		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,310		2.5	9,230		2.1	452		2.2	16,400		2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	12.8		0.011	21.3		0.0092	8.5		0.0099	23.2		0.0097
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	7.9		0.0036	5.9		0.0029	7.6		0.0031	15.8		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	15.1		0.012	23.3		0.0098	16		0.011	27.6		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	18,200		0.41	27,000		0.33	19,000		0.36	36,900		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	17		0.0049	30.3		0.0039	16.2		0.0042	23.9		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,510		0.54	2,850		0.44	1,010		0.47	8,270		0.46
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	148	K	0.021	615		0.017	363		0.018	664		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	16.7		0.0097	17.7		0.0078	15		0.0084	36.2		0.0083
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	622		1.4	704		1.1	771		1.2	2,210		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.55	L	0.058	0.4	J	0.047	0.3	J	0.05	0.4	J	0.049
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.024	J	0.0034	0.026	J	0.0028	0.011	J	0.003	0.052	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	40.4		1	86.7		0.84	35.1		0.9	136		0.88
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.14		0.0029	0.072	J	0.0023	0.1	J	0.0025	0.2		0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	19.2		0.0083	7.9		0.0067	11.2		0.0072	22.3		0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	72.1		0.017	58.8		0.013	62.7		0.015	82.1		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.029	J	0.01	0.014	J	0.0082	0.023	J	0.0088	0.016	J	0.0086
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.14	U	0.14	0.16	J	0.11	< 0.12	U	0.12	< 0.12	U	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	559		83.1	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.21	U	0.21	< 0.17	U	0.17	NA	NA	NA	0.79	J	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.14	U	0.14	< 0.12	U	0.12	NA	NA	NA	0.24	J	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.33	U	0.33	< 0.26	U	0.26	NA	NA	NA	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.25	U	0.25	< 0.2	U	0.2	NA	NA	NA	< 0.22	U	0.22
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.36	U	0.36	140		0.29	NA	NA	NA	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.15	U	0.15	< 0.12	U	0.12	NA	NA	NA	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.25	U	0.25	< 0.2	U	0.2	NA	NA	NA	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.28	U	0.28	< 0.23	U	0.23	NA	NA	NA	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.55	U	0.55	< 0.44	U	0.44	NA	NA	NA	< 0.47	U	0.47
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.25	U	0.25	< 0.2	U	0.2	NA	NA	NA	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							MW-N3			MW-N4			MW-N5			MW-N6		
	Sample Date:		PADEP MSCs					06/03/2008			06/02/2008			06/04/2008			06/04/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.18	U	0.18	< 0.14	U	0.14	NA	NA	NA	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.39	U	0.39	< 0.31	U	0.31	NA	NA	NA	< 0.33	U	0.33
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.19	U	0.19	< 0.15	U	0.15	NA	NA	NA	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.3	U	0.3	< 0.24	U	0.24	NA	NA	NA	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.28	U	0.28	< 0.22	U	0.22	NA	NA	NA	< 0.24	U	0.24
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	0.57	J	0.33	0.64	J	0.27	NA	NA	NA	< 0.28	U	0.28
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.24	U	0.24	< 0.2	U	0.2	NA	NA	NA	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	0.39	J	0.3	< 0.25	U	0.25	NA	NA	NA	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.24	U	0.24	< 0.19	U	0.19	NA	NA	NA	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.99	U	0.99	< 0.8	U	0.8	NA	NA	NA	< 0.84	U	0.84
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 17	U	17	< 13	U	13	NA	NA	NA	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3.5	U	3.5	< 2.9	U	2.9	NA	NA	NA	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 4.6	U	4.6	< 3.7	U	3.7	NA	NA	NA	< 3.9	U	3.9
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 4.1	U	4.1	< 3.3	U	3.3	NA	NA	NA	< 3.5	U	3.5
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.9	U	3.9	< 3.1	U	3.1	NA	NA	NA	< 3.3	U	3.3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2.3	U	2.3	< 1.8	U	1.8	NA	NA	NA	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 3.4	U	3.4	11	J	2.7	NA	NA	NA	19	J	2.9
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 3.4	U	3.4	< 2.7	U	2.7	NA	NA	NA	< 2.9	U	2.9
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.63	U	0.63	< 0.45	U	0.45	< 0.52	U	0.52	< 0.49	U	0.49
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.94	U	0.94	< 0.66	U	0.66	< 0.77	U	0.77	< 0.72	U	0.72
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1.1	U	1.1	< 0.77	U	0.77	< 0.89	U	0.89	< 0.84	U	0.84
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.75	U	0.75	< 0.53	U	0.53	< 0.61	U	0.61	< 0.58	U	0.58
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.1	U	1.1	< 0.78	U	0.78	< 0.9	U	0.9	< 0.86	U	0.86
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.1	U	1.1	< 0.81	U	0.81	< 0.94	U	0.94	< 0.89	U	0.89
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.97	U	0.97	< 0.69	U	0.69	< 0.8	U	0.8	< 0.76	U	0.76
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.1	U	1.1	< 0.8	U	0.8	< 0.92	U	0.92	< 0.87	U	0.87
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1	U	1	< 0.74	U	0.74	< 0.85	U	0.85	< 0.8	U	0.8
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.8	U	0.8	< 0.57	U	0.57	< 0.65	U	0.65	< 0.62	U	0.62
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.71	U	0.71	< 0.5	U	0.5	< 0.58	U	0.58	< 0.55	U	0.55
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.85	U	0.85	< 0.61	U	0.61	< 0.7	U	0.7	< 0.66	U	0.66
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.83	U	0.83	< 0.59	U	0.59	< 0.68	U	0.68	< 0.64	U	0.64
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.1	U	1.1	< 0.81	U	0.81	< 0.94	U	0.94	< 0.89	U	0.89
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.9	U	0.9	< 0.64	U	0.64	< 0.74	U	0.74	< 0.7	U	0.7
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.85	U	0.85	< 0.6	U	0.6	< 0.7	U	0.7	< 0.66	U	0.66
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 6.5	U	6.5	< 4.6	U	4.6	< 5.3	U	5.3	< 5	U	5

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					MW-N3			MW-N4			MW-N5			MW-N6		
	Sample Date:		Non-Residential					06/03/2008			06/02/2008			06/04/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.88	U	0.88	< 0.62	U	0.62	< 0.72	U	0.72	< 0.68	U	0.68
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.73	U	0.73	< 0.52	U	0.52	< 0.6	U	0.6	< 0.57	U	0.57
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.58	U	0.58	< 0.41	U	0.41	< 0.47	U	0.47	< 0.45	U	0.45
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.96	U	0.96	< 0.68	U	0.68	< 0.79	U	0.79	< 0.75	U	0.75
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.67	U	0.67	< 0.47	U	0.47	< 0.55	U	0.55	< 0.52	U	0.52
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.58	U	0.58	< 0.41	U	0.41	< 0.48	U	0.48	< 0.45	U	0.45
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.99	U	0.99	< 0.7	U	0.7	< 0.81	U	0.81	< 0.76	U	0.76
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 2	U	2	< 1.4	U	1.4	< 1.7	U	1.7	< 1.6	U	1.6
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.76	U	0.76	< 0.54	U	0.54	< 0.62	U	0.62	< 0.59	U	0.59
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.1	U	1.1	< 0.79	U	0.79	< 0.91	U	0.91	< 0.86	U	0.86
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.92	U	0.92	< 0.65	U	0.65	< 0.75	U	0.75	< 0.71	U	0.71
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.88	U	0.88	< 0.63	U	0.63	< 0.72	U	0.72	< 0.68	U	0.68
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.48	U	0.48	< 0.34	U	0.34	< 0.4	U	0.4	< 0.37	U	0.37
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.92	U	0.92	< 0.65	U	0.65	< 0.76	U	0.76	< 0.72	U	0.72
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.87	U	0.87	< 0.61	U	0.61	< 0.71	U	0.71	< 0.67	U	0.67
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.84	U	0.84	< 0.59	U	0.59	< 0.69	U	0.69	< 0.65	U	0.65
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.4	U	1.4	< 0.99	U	0.99	< 1.1	U	1.1	< 1.1	U	1.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.88	U	0.88	< 0.63	U	0.63	< 0.72	U	0.72	< 0.68	U	0.68
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.2	U	1.2	< 0.83	U	0.83	< 0.96	U	0.96	< 0.91	U	0.91
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.94	U	0.94	< 0.67	U	0.67	< 0.77	U	0.77	< 0.73	U	0.73
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.97	U	0.97	< 0.69	U	0.69	< 0.8	U	0.8	< 0.75	U	0.75
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 4.5	B	4.5	< 1.3	B	1.3	< 2.8	B	2.8	< 2.3	B	2.3
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.69	U	0.69	< 0.49	U	0.49	< 0.57	U	0.57	< 0.54	U	0.54
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.89	U	0.89	< 0.63	U	0.63	< 0.73	U	0.73	< 0.69	U	0.69
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.95	U	0.95	< 0.67	U	0.67	< 0.78	U	0.78	< 0.74	U	0.74
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.78	U	0.78	< 0.55	U	0.55	< 0.64	U	0.64	< 0.6	U	0.6
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.78	U	0.78	< 0.55	U	0.55	< 0.64	U	0.64	< 0.6	U	0.6
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.86	U	0.86	< 0.61	U	0.61	< 0.7	U	0.7	< 0.66	U	0.66
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.2	U	1.2	< 0.85	U	0.85	< 0.98	U	0.98	< 0.93	U	0.93
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.61	U	0.61	< 0.43	U	0.43	< 0.5	U	0.5	< 0.47	U	0.47
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.9	U	2.9	< 2.1	U	2.1	< 2.4	U	2.4	< 2.3	U	2.3
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.9	U	3.9	< 3.2	U	3.2	< 3.4	U	3.4	< 17	U	17
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.8	U	3.8	< 3.1	U	3.1	< 3.3	U	3.3	< 16	U	16
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.4	U	1.4	< 1.1	U	1.1	< 1.2	U	1.2	< 6	U	6
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 2	U	2	< 1.6	U	1.6	< 1.8	U	1.8	< 8.7	U	8.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 56	U	56	< 45	U	45	< 49	U	49	< 240	U	240
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.5	U	2.5	< 2	U	2	< 2.1	U	2.1	< 10	U	10
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 3.1	U	3.1	< 2.5	U	2.5	< 2.6	U	2.6	< 13	U	13
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.7	U	2.7	< 2.2	U	2.2	< 2.4	U	2.4	< 12	U	12

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				MW-N3			MW-N4			MW-N5			MW-N6		
	Sample Date:							06/03/2008			06/02/2008			06/04/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.4	U	2.4	< 1.9	U	1.9	< 2.1	U	2.1	< 10	U	10
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	5.3	J	2.6	8.6		2.1	< 2.3	U	2.3	< 11	U	11
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 3	U	3	< 2.4	U	2.4	< 2.6	U	2.6	< 13	U	13
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.9	U	2.9	< 2.3	U	2.3	< 2.5	U	2.5	< 12	U	12
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.8	U	3.8	< 3	U	3	< 3.3	U	3.3	< 16	U	16
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 11	U	11	< 8.6	U	8.6	< 9.2	U	9.2	< 45	U	45
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 4.1	U	4.1	< 3.3	U	3.3	< 3.5	U	3.5	< 17	U	17
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 33	U	33	< 27	U	27	< 29	U	29	< 140	U	140
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 1.7	U	1.7	< 1.8	U	1.8	< 9	U	9
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.9	U	2.9	< 2.3	U	2.3	< 2.5	U	2.5	< 12	U	12
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 4.1	U	4.1	< 3.3	U	3.3	< 3.5	U	3.5	< 17	U	17
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.3	U	2.3	< 1.9	U	1.9	< 2	U	2	< 10	U	10
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 3	U	3	< 2.4	U	2.4	2.6	J	2.6	< 13	U	13
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 2	U	2	< 1.6	U	1.6	< 1.7	U	1.7	< 8.5	U	8.5
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.7	U	3.7	< 3	U	3	< 3.2	U	3.2	< 16	U	16
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.5	U	2.5	< 2	U	2	2.3	J	2.1	< 10	U	10
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.8	U	2.8	2.3	J	2.2	< 2.4	U	2.4	< 12	U	12
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.9	U	2.9	2.8	J	2.3	< 2.5	U	2.5	< 12	U	12
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.7	U	2.7	2.7	J	2.2	< 2.3	U	2.3	< 11	U	11
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 3.3	U	3.3	< 2.6	U	2.6	< 2.8	U	2.8	< 14	U	14
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 5	U	5	< 4.1	U	4.1	11	J	4.4	< 21	U	21
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.9	U	1.9	8.3		1.5	< 1.6	U	1.6	< 8	U	8
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.5	U	1.5	8.1		1.2	< 1.3	U	1.3	< 6.2	U	6.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.8	U	1.8	18		1.5	< 1.6	U	1.6	< 7.8	U	7.8
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.6	U	1.6	10		1.3	< 1.4	U	1.4	< 6.9	U	6.9
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.5	U	1.5	< 1.2	U	1.2	< 1.3	U	1.3	< 6.5	U	6.5
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.6	U	2.6	< 2.1	U	2.1	< 2.3	U	2.3	< 11	U	11
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 1.8	U	1.8	< 1.9	U	1.9	< 9.4	U	9.4
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 1.1	U	1.1	< 0.86	U	0.86	< 0.93	U	0.93	< 4.5	U	4.5
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.8	U	2.8	< 2.3	U	2.3	< 2.5	U	2.5	< 12	U	12
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	14	J	3.6	59		2.9	23	J	3.1	35	J	15
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	16	J	3.8	< 3.1	U	3.1	21	J	3.3	25	J	16
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9	U	9	51		7.2	56		7.8	52	J	38
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.9	U	1.9	2.2	J	1.6	< 1.7	U	1.7	< 8.3	U	8.3
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.9	U	1.9	13		1.5	< 1.6	U	1.6	< 8	U	8
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 3	U	3	< 2.4	U	2.4	< 2.6	U	2.6	< 13	U	13
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.3	J	2.6	4.7	J	2.1	2.9	J	2.3	< 11	U	11
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	5.1	J	4.2	3.6	J	3.4	< 3.7	U	3.7	< 18	U	18
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.7	U	2.7	< 2.2	U	2.2	< 2.3	U	2.3	< 11	U	11
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	11	J	7.9	8.5	J	6.3	14	J	6.8	< 33	U	33

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				MW-N3			MW-N4			MW-N5			MW-N6		
	Sample Date:							06/03/2008			06/02/2008			06/04/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 3.3	U	3.3	< 2.7	U	2.7	< 2.9	U	2.9	< 14	U	14
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 3.1	U	3.1	20		2.5	< 2.7	U	2.7	< 13	U	13
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 2.3	U	2.3	2.9	J	1.9	< 2	U	2	< 9.8	U	9.8
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.9	U	2.9	< 2.3	U	2.3	< 2.5	U	2.5	< 12	U	12
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.9	U	2.9	< 2.3	U	2.3	< 2.5	U	2.5	< 12	U	12
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 2.2	U	2.2	< 1.8	U	1.8	< 1.9	U	1.9	< 9.3	U	9.3
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 2.1	U	2.1	< 1.7	U	1.7	< 1.8	U	1.8	< 9	U	9
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.7	U	1.7	6.8	J	1.4	< 1.5	U	1.5	< 7.2	U	7.2
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.6	U	2.6	< 2.1	U	2.1	< 2.3	U	2.3	< 11	U	11
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	5.3	J	2.3	6.8	J	1.9	5.8	J	2	< 9.8	U	9.8
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.2	U	1.2	< 0.95	U	0.95	< 1	U	1	< 5	U	5
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1.2	U	1.2	< 0.94	U	0.94	< 1	U	1	< 4.9	U	4.9
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.6	U	2.6	< 2.1	U	2.1	< 2.2	U	2.2	< 11	U	11
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3.5	U	3.5	< 2.8	U	2.8	< 3.1	U	3.1	< 15	U	15
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	7.3	J	2.3	24		1.8	6.6	J	2	20	J	9.7
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.9	U	2.9	< 2.3	U	2.3	< 2.5	U	2.5	< 12	U	12
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	3.1	J	2.9	19		2.3	< 2.5	U	2.5	< 12	U	12

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					MW-N7			MW-N8			MW-N8			MW-N9		
	Sample Date:							06/04/2008			06/03/2008			06/03/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			4		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			6		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	7,010		0.28	5,630		0.28	6,050		0.27	5,520		0.28
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.083	J	0.004	0.18	L	0.0039	0.15	L	0.0038	0.17	J	0.004
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	1.9		0.02	12		0.019	32		0.019	12.5		0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	51.6		0.0092	28.4		0.009	31.5		0.0088	34.9		0.0092
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.36		0.0044	0.32		0.0043	0.33		0.0042	0.31		0.0044
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.16		0.011	0.12		0.011	0.13		0.01	0.16		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,380		2.1	4,460		2.1	3,060		2	1,680		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	13.2		0.0096	11.3		0.0094	12.7		0.0091	12		0.0096
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	6.7		0.003	8.3		0.0029	10.6		0.0028	12.7		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	12.2		0.01	17.8		0.01	19		0.0097	16		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	12,300		0.35	23,200		0.34	28,200		0.33	21,800		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	12.4		0.0041	11.5		0.004	11.8		0.0039	14.6		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,550		0.45	2,620		0.44	2,430		0.43	1,860		0.45
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	86.8		0.017	517	K	0.017	638	K	0.017	413		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	18.3		0.0082	18.8		0.008	24.1		0.0077	23.5		0.0082
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	794		1.2	1,080		1.2	1,130		1.1	1,020		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.39	J	0.049	0.29	L	0.048	0.31	L	0.046	0.38	J	0.049
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.037	J	0.0029	0.019	J	0.0028	0.02	J	0.0027	0.019	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	59		0.87	65.9		0.85	63.7		0.82	65.5		0.87
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.12		0.0024	0.1	J	0.0023	0.14		0.0023	0.11	J	0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	16		0.007	12.1		0.0068	13.9		0.0066	14.7		0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	59		0.014	54.8		0.014	63.4		0.013	51.3		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.026	J	0.0085	< 0.0083	U	0.0083	< 0.0081	U	0.0081	0.02	J	0.0085
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	0.2	J	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.18	U	0.18	< 0.17	U	0.17	< 0.17	U	0.17	NA	NA	NA
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12	< 0.11	U	0.11	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.27	U	0.27	< 0.27	U	0.27	< 0.26	U	0.26	< 0.27	U	0.27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.21	U	0.21	< 0.21	U	0.21	< 0.2	U	0.2	< 0.21	U	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.3	U	0.3	< 0.3	U	0.3	< 0.29	U	0.29	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	U	0.21	< 0.2	U	0.2	< 0.2	U	0.2	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.23	U	0.23	< 0.23	U	0.23	< 0.22	U	0.22	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.46	U	0.46	< 0.45	U	0.45	< 0.43	U	0.43	< 0.46	U	0.46
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.21	U	0.21	< 0.21	U	0.21	< 0.2	U	0.2	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					MW-N7			MW-N8			MW-N8			MW-N9		
	Sample Date:							06/04/2008			06/03/2008			06/03/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			4		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			6		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.15	U	0.15	< 0.14	U	0.14	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.32	U	0.32	< 0.32	U	0.32	< 0.3	U	0.3	< 0.32	U	0.32
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.16	U	0.16	< 0.15	U	0.15	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	U	0.25	< 0.25	U	0.25	< 0.24	U	0.24	< 0.25	U	0.25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	U	0.23	< 0.23	U	0.23	< 0.22	U	0.22	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.27	U	0.27	< 0.27	U	0.27	< 0.26	U	0.26	< 0.28	U	0.28
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.2	U	0.2	< 0.2	U	0.2	< 0.19	U	0.19	NA	NA	NA
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.25	U	0.25	< 0.25	U	0.25	< 0.24	U	0.24	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	U	0.2	< 0.2	U	0.2	< 0.19	U	0.19	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.82	U	0.82	< 0.81	U	0.81	< 0.78	U	0.78	< 0.83	U	0.83
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14	< 13	U	13	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.9	U	2.9	< 2.9	U	2.9	< 2.8	U	2.8	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.8	U	3.8	< 3.7	U	3.7	< 3.6	U	3.6	< 3.8	U	3.8
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.4	U	3.4	< 3.3	U	3.3	< 3.2	U	3.2	< 3.4	U	3.4
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1	< 3.3	U	3.3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	U	1.9	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.8	U	2.8	< 2.8	U	2.8	9	J	2.7	120		2.8
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.8	U	2.8	< 2.8	U	2.8	< 2.7	U	2.7	< 2.8	U	2.8
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.51	U	0.51	< 0.48	U	0.48	< 0.42	U	0.42	< 470	U	470
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.75	U	0.75	< 0.71	U	0.71	< 0.62	U	0.62	< 530	U	530
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.87	U	0.87	< 0.82	U	0.82	< 0.72	U	0.72	< 500	U	500
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.6	U	0.6	< 0.57	U	0.57	< 0.5	U	0.5	< 460	U	460
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.88	U	0.88	< 0.84	U	0.84	< 0.73	U	0.73	< 550	U	550
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.92	U	0.92	< 0.87	U	0.87	< 0.76	U	0.76	< 480	U	480
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.78	U	0.78	< 0.74	U	0.74	< 0.65	U	0.65	< 390	U	390
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.9	U	0.9	< 0.85	U	0.85	< 0.75	U	0.75	< 490	U	490
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.83	U	0.83	< 0.79	U	0.79	< 0.69	U	0.69	< 510	U	510
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.64	U	0.64	< 0.6	U	0.6	< 0.53	U	0.53	< 510	U	510
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.57	U	0.57	< 0.53	U	0.53	< 0.47	U	0.47	< 520	U	520
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.68	U	0.68	< 0.65	U	0.65	< 0.57	U	0.57	< 490	U	490
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.66	U	0.66	< 0.63	U	0.63	< 0.55	U	0.55	< 520	U	520
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.92	U	0.92	< 0.87	U	0.87	< 0.76	U	0.76	< 450	U	450
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.72	U	0.72	< 0.68	U	0.68	< 0.6	U	0.6	< 370	U	370
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.68	U	0.68	< 0.64	U	0.64	< 0.56	U	0.56	< 410	U	410
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	5.3	J	5.2	< 4.9	U	4.9	< 4.3	U	4.3	< 560	U	560

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					MW-N7			MW-N8			MW-N8			MW-N9		
	Sample Date:							06/04/2008			06/03/2008			06/03/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			4		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			6		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.7	U	0.7	< 0.66	U	0.66	< 0.58	U	0.58	< 480	U	480
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.59	U	0.59	< 0.55	U	0.55	< 0.49	U	0.49	< 450	U	450
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.46	U	0.46	< 0.44	U	0.44	< 0.38	U	0.38	< 470	U	470
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.77	U	0.77	< 0.73	U	0.73	< 0.64	U	0.64	< 590	U	590
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.53	U	0.53	< 0.5	U	0.5	< 0.44	U	0.44	< 570	U	570
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.47	U	0.47	< 0.44	U	0.44	< 0.39	U	0.39	< 420	U	420
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.79	U	0.79	< 0.75	U	0.75	< 0.66	U	0.66	< 520	U	520
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.6	U	1.6	< 1.5	U	1.5	< 1.3	U	1.3	< 670	U	670
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.61	U	0.61	< 0.58	U	0.58	< 0.51	U	0.51	< 490	U	490
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.89	U	0.89	< 0.84	U	0.84	< 0.74	U	0.74	< 520	U	520
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.73	U	0.73	< 0.69	U	0.69	< 0.61	U	0.61	< 500	U	500
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.71	U	0.71	< 0.67	U	0.67	< 0.59	U	0.59	< 420	U	420
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.39	U	0.39	< 0.37	U	0.37	< 0.32	U	0.32	< 470	U	470
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.74	U	0.74	< 0.7	U	0.7	< 0.61	U	0.61	< 430	U	430
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.69	U	0.69	< 0.66	U	0.66	< 0.58	U	0.58	< 600	U	600
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.67	U	0.67	< 0.63	U	0.63	< 0.56	U	0.56	99,000		550
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.1	U	1.1	< 1.1	U	1.1	< 0.92	U	0.92	< 570	U	570
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.71	U	0.71	< 0.67	U	0.67	< 0.59	U	0.59	1,600	J	500
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.94	U	0.94	< 0.89	U	0.89	< 0.78	U	0.78	< 490	U	490
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.76	U	0.76	< 0.71	U	0.71	< 0.63	U	0.63	< 520	U	520
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.78	U	0.78	< 0.74	U	0.74	< 0.65	U	0.65	< 430	U	430
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 2.7	B	2.7	< 3.5	B	3.5	< 4.4	B	4.4	< 360	U	360
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.55	U	0.55	< 0.52	U	0.52	< 0.46	U	0.46	< 520	U	520
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.71	U	0.71	< 0.67	U	0.67	< 0.59	U	0.59	< 610	U	610
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.76	U	0.76	< 0.72	U	0.72	< 0.63	U	0.63	660	J	370
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.62	U	0.62	< 0.59	U	0.59	< 0.52	U	0.52	< 540	U	540
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.62	U	0.62	< 0.59	U	0.59	< 0.52	U	0.52	< 410	U	410
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.69	U	0.69	< 0.65	U	0.65	< 0.57	U	0.57	< 520	U	520
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.96	U	0.96	< 0.9	U	0.9	< 0.8	U	0.8	< 760	U	760
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.49	U	0.49	< 0.46	U	0.46	< 0.41	U	0.41	< 520	U	520
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.3	U	2.3	< 2.2	U	2.2	< 1.9	U	1.9	640,000		8200
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1	< 16	U	16
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.2	U	3.2	< 3.1	U	3.1	< 3	U	3	< 16	U	16
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 1.2	U	1.2	< 1.1	U	1.1	< 5.9	U	5.9
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.7	U	1.7	< 1.7	U	1.7	< 1.6	U	1.6	920		8.5
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 47	U	47	< 46	U	46	< 45	U	45	< 230	U	230
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2	U	2	< 2	U	2	< 2	U	2	< 10	U	10
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.5	U	2.5	< 2.5	U	2.5	< 2.4	U	2.4	< 13	U	13
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2	< 11	U	11

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					MW-N7			MW-N8			MW-N8			MW-N9		
	Sample Date:		Non-Residential					06/04/2008			06/03/2008			06/03/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			8			4		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			10			6		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 2	U	2	< 1.9	U	1.9	< 10	U	10
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	2.8	J	2.2	< 2.1	U	2.1	2.3	J	2.1	56		11
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.5	U	2.5	< 2.4	U	2.4	< 2.4	U	2.4	< 12	U	12
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3	< 12	U	12
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.1	U	3.1	< 3.1	U	3.1	< 3	U	3	< 16	U	16
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.8	U	8.8	< 8.7	U	8.7	< 8.5	U	8.5	< 45	U	45
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.4	U	3.4	< 3.3	U	3.3	< 3.2	U	3.2	< 17	U	17
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 28	U	28	< 27	U	27	< 27	U	27	< 140	U	140
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.7	U	1.7	< 1.7	U	1.7	< 8.9	U	8.9
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3	< 12	U	12
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.4	U	3.4	< 3.3	U	3.3	< 3.3	U	3.3	< 17	U	17
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 9.8	U	9.8
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	3.1	J	2.5	< 2.4	U	2.4	< 2.4	U	2.4	< 12	U	12
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 1.6	U	1.6	< 1.6	U	1.6	< 8.4	U	8.4
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.1	U	3.1	< 3	U	3	< 2.9	U	2.9	< 15	U	15
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	2.3	J	2	< 2	U	2	< 2	U	2	< 10	U	10
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2	62		12
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	54		2.4	< 2.4	U	2.4	< 2.3	U	2.3	260		12
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.2	U	2.2	< 2.2	U	2.2	< 2.1	U	2.1	43		11
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.7	U	2.7	< 2.7	U	2.7	< 2.6	U	2.6	< 14	U	14
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	10	J	4.2	< 4.1	U	4.1	< 4	U	4	< 21	U	21
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.6	U	1.6	< 1.5	U	1.5	< 1.5	U	1.5	87		7.9
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	23		1.2	< 1.2	U	1.2	< 1.2	U	1.2	70		6.1
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	2.5	J	1.5	1.5	J	1.5	< 1.5	U	1.5	120		7.6
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3	61		6.8
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 1.2	U	1.2	< 1.2	U	1.2	< 6.4	U	6.4
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	< 2.1	U	2.1	< 2.1	U	2.1	< 11	U	11
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8	< 9.3	U	9.3
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.89	U	0.89	< 0.87	U	0.87	< 0.85	U	0.85	< 4.5	U	4.5
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3	< 12	U	12
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	60		3	31	J	3	35	J	2.9	260		15
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	23	J	3.2	< 3.1	U	3.1	8.3	J	3	75	J	16
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	57		7.4	49		7.4	51		7.1	87	J	38
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.6	U	1.6	< 1.6	U	1.6	< 1.5	U	1.5	< 8.2	U	8.2
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	< 1.5	U	1.5	< 1.5	U	1.5	84		7.9
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.5	U	2.5	< 2.5	U	2.5	< 2.4	U	2.4	21	J	13
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.2	J	2.2	2.1	J	2.1	< 2.1	U	2.1	17	J	11
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.5	U	3.5	< 3.5	U	3.5	3.7	J	3.4	< 18	U	18
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 2.2	U	2.2	< 2.1	U	2.1	< 11	U	11
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	15	J	6.5	< 6.4	U	6.4	7.3	J	6.3	44	J	33

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					MW-N7			MW-N8			MW-N8			MW-N9		
	Sample Date:							06/04/2008			06/03/2008			06/03/2008			06/04/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				6			8			8			4		
	End Depth:		Subsurface Soil					8			10			10			6		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.7	U	2.7	< 2.7	U	2.7	< 2.6	U	2.6	< 14	U	14
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	3.7	J	2.5	< 2.5	U	2.5	< 2.4	U	2.4	160		13
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.9	U	1.9	< 1.9	U	1.9	< 1.8	U	1.8	< 9.6	U	9.6
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3	< 12	U	12
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3	< 12	U	12
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.8	U	1.8	< 1.8	U	1.8	< 1.7	U	1.7	< 9.1	U	9.1
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 1.7	U	1.7	< 1.7	U	1.7	< 8.9	U	8.9
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.4	U	1.4	< 1.4	U	1.4	< 1.3	U	1.3	47		7.1
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.2	U	2.2	< 2.2	U	2.2	< 2.1	U	2.1	< 11	U	11
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	7	J	1.9	2.5	J	1.9	3	J	1.8	120		9.6
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.98	U	0.98	< 0.97	U	0.97	< 0.94	U	0.94	< 4.9	U	4.9
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.96	U	0.96	< 0.95	U	0.95	< 0.92	U	0.92	< 4.9	U	4.9
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.1	U	2.1	< 2.1	U	2.1	< 2	U	2	< 11	U	11
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.9	U	2.9	< 2.9	U	2.9	< 2.8	U	2.8	< 15	U	15
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	8.9		1.9	3.6	J	1.9	3.9	J	1.8	99		9.5
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3	< 12	U	12
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3	94		12

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				PB-N1			PB-N2			PB-N4			PB-N4		
	Sample Date:							05/21/2008			05/20/2008			05/22/2008			05/22/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			7			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			9			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	7,570		0.28	8,600		0.27	8,460		0.28	NA	NA	NA
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.69	L	0.0039	0.18	J	0.0038	0.45	L	0.004	NA	NA	NA
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	9.4	K	0.019	7.9	K	0.019	10.5	J	0.02	NA	NA	NA
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	81.3		0.009	42.8	K	0.0089	23.8		0.0093	NA	NA	NA
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.38		0.0043	0.4		0.0043	0.49		0.0045	NA	NA	NA
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.26		0.011	0.17		0.01	0.15		0.011	NA	NA	NA
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,900		2.1	1,460	L	2	570		2.1	NA	NA	NA
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	42.3	K	0.0094	11		0.0092	13.4		0.0096	NA	NA	NA
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	6.9		0.0029	5.3	K	0.0029	9.4		0.003	NA	NA	NA
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	49.2	K	0.0099	13.2		0.0098	24.1		0.01	NA	NA	NA
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	35,600		0.34	14,700		0.33	28,000		0.35	NA	NA	NA
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	256		0.004	13		0.0039	22.2		0.0041	NA	NA	NA
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,470		0.44	1,390		0.44	2,000		0.46	NA	NA	NA
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	349		0.017	164		0.017	213		0.017	NA	NA	NA
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	15.9		0.008	11.1	J	0.007B	18.8		0.0082	NA	NA	NA
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	484		1.2	610		1.1	991		1.2	NA	NA	NA
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.77		0.047	0.6		0.047	0.25	J	0.049	NA	NA	NA
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.064	J	0.0028	0.023	J	0.0028	0.014	J	0.0029	NA	NA	NA
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	36.9		0.85	49.4	L	0.83	47.1		0.87	NA	NA	NA
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.17		0.0023	0.11		0.0023	0.11	J	0.0024	NA	NA	NA
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	14.4		0.0068	13.9	K	0.0067	16.2		0.007	NA	NA	NA
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	103	K	0.014	39.2		0.013	79.7		0.014	NA	NA	NA
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	< 0.071	B	0.071	0.038		0.0082	0.036	J	0.0086	NA	NA	NA
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	0.73	L	0.11	< 0.11	UJ	0.11	< 0.21	B	0.21	NA	NA	NA
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	1.6	J	0.17	< 0.17	U	0.17	< 0.18	UJ	0.18	NA	NA	NA
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	1.8	J	0.12	< 0.12	U	0.12	< 0.12	UJ	0.12	NA	NA	NA
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.27	U	0.27	< 0.26	U	0.26	< 0.27	UJ	0.27	NA	NA	NA
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.21	U	0.21	< 0.2	U	0.2	< 0.21	UJ	0.21	NA	NA	NA
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.3	U	0.3	< 0.29	U	0.29	1.2	J	0.31	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.12	U	0.12	< 0.12	U	0.12	< 0.13	UJ	0.13	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.2	U	0.2	< 0.2	U	0.2	< 0.21	UJ	0.21	NA	NA	NA
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.23	U	0.23	< 0.23	U	0.23	< 0.24	UJ	0.24	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.45	U	0.45	< 0.44	U	0.44	< 0.46	UJ	0.46	NA	NA	NA
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.2	U	0.2	< 0.21	UJ	0.21	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					PB-N1			PB-N2			PB-N4			PB-N4		
	Sample Date:							05/21/2008			05/20/2008			05/22/2008			05/22/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			7			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			9			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.14	U	0.14	< 0.15	UJ	0.15	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.32	U	0.32	< 0.31	U	0.31	< 0.33	UJ	0.33	NA	NA	NA
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.15	U	0.15	< 0.16	UJ	0.16	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	U	0.25	< 0.24	U	0.24	< 0.25	UJ	0.25	NA	NA	NA
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	U	0.23	< 0.22	U	0.22	< 0.23	UJ	0.23	NA	NA	NA
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.27	U	0.27	< 0.27	U	0.27	< 0.28	UJ	0.28	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.2	U	0.2	2	JN	0.21	NA	NA	NA
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.25	U	0.25	< 0.24	U	0.24	< 0.25	UJ	0.25	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	U	0.2	< 0.19	U	0.19	< 0.2	UJ	0.2	NA	NA	NA
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.81	U	0.81	< 0.8	U	0.8	< 0.83	UJ	0.83	NA	NA	NA
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 13	U	13	< 14	UJ	14	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.9	U	2.9	< 2.9	U	2.9	< 3	U	3	NA	NA	NA
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.7	U	3.7	< 3.7	U	3.7	< 3.8	U	3.8	NA	NA	NA
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.3	U	3.3	< 3.3	U	3.3	< 3.4	U	3.4	NA	NA	NA
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.2	U	3.2	< 3.1	U	3.1	< 3.2	U	3.2	NA	NA	NA
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9	NA	NA	NA
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	130		2.8	< 2.7	U	2.7	< 2.8	U	2.8	NA	NA	NA
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.8	U	2.8	< 2.7	U	2.7	< 2.8	U	2.8	NA	NA	NA
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.43	U	0.43	< 0.55	U	0.55	23		0.53	4.3	J	0.55
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.63	U	0.63	< 0.82	U	0.82	< 0.78	U	0.78	< 0.81	U	0.81
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.73	U	0.73	< 0.95	U	0.95	< 0.9	U	0.9	< 0.94	U	0.94
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.5	U	0.5	< 0.65	U	0.65	34		0.62	51		0.65
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.74	U	0.74	< 0.97	U	0.97	1.2	J	0.92	2.9	J	0.96
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.77	U	0.77	< 1	U	1	< 0.96	U	0.96	< 1	U	1
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.66	U	0.66	< 0.85	U	0.85	< 0.81	U	0.81	< 0.85	U	0.85
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.76	U	0.76	< 0.98	U	0.98	< 0.94	U	0.94	< 0.98	U	0.98
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.7	U	0.7	< 0.91	U	0.91	< 0.86	U	0.86	< 0.9	U	0.9
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.54	U	0.54	< 0.7	U	0.7	< 0.66	U	0.66	< 0.69	U	0.69
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.48	U	0.48	< 0.62	U	0.62	< 0.59	U	0.59	< 0.61	U	0.61
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.58	U	0.58	< 0.75	U	0.75	< 0.71	U	0.71	< 0.74	U	0.74
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.56	U	0.56	< 0.73	U	0.73	< 0.69	U	0.69	< 0.72	U	0.72
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.77	U	0.77	6.4		1	< 0.96	U	0.96	< 1	U	1
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.61	U	0.61	< 0.79	U	0.79	< 0.75	U	0.75	< 0.78	U	0.78
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.57	U	0.57	< 0.74	U	0.74	< 0.71	U	0.71	< 0.74	U	0.74
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 4.4	U	4.4	19	J	5.7	7.3	J	5.4	< 5.7	U	5.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					PB-N1 05/21/2008 SO N 6 8			PB-N2 05/20/2008 SO N 8 10			PB-N4 05/22/2008 SO N 7 9			PB-N4 05/22/2008 SO N 10 12		
	Sample Date:																		
	Matrix Code:																		
	Sample Type Code:																		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l															
	End Depth:		Subsurface Soil																
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.59	U	0.59	< 0.77	U	0.77	< 0.73	U	0.73	< 0.76	U	0.76
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.49	U	0.49	< 0.64	U	0.64	< 0.61	U	0.61	< 0.64	U	0.64
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.39	U	0.39	< 0.5	U	0.5	< 0.48	U	0.48	< 0.5	U	0.5
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.65	U	0.65	< 0.84	U	0.84	< 0.8	U	0.8	< 0.84	U	0.84
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.45	U	0.45	< 0.58	U	0.58	< 0.56	U	0.56	< 0.58	U	0.58
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.39	U	0.39	< 0.51	U	0.51	< 0.48	U	0.48	< 0.51	U	0.51
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.66	U	0.66	< 0.86	U	0.86	< 0.82	U	0.82	< 0.86	U	0.86
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.4	U	1.4	< 1.8	U	1.8	< 1.7	U	1.7	12		1.8
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.51	U	0.51	< 0.67	U	0.67	< 0.63	U	0.63	< 0.66	U	0.66
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.75	U	0.75	< 0.97	U	0.97	< 0.92	U	0.92	< 0.96	U	0.96
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.62	U	0.62	< 0.8	U	0.8	< 0.76	U	0.76	< 0.8	U	0.8
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.59	U	0.59	< 0.77	U	0.77	< 0.73	U	0.73	< 0.77	U	0.77
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.33	U	0.33	< 0.42	U	0.42	< 0.4	U	0.4	< 0.42	U	0.42
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.62	U	0.62	< 0.81	U	0.81	< 0.77	U	0.77	< 0.8	U	0.8
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.58	U	0.58	< 0.76	U	0.76	< 0.72	U	0.72	< 0.75	U	0.75
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.56	U	0.56	< 0.73	U	0.73	2.6	J	0.7	< 0.73	U	0.73
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 0.94	U	0.94	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.6	U	0.6	< 0.77	U	0.77	< 0.74	U	0.74	< 0.77	U	0.77
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.79	U	0.79	< 1	U	1	< 0.98	U	0.98	< 1	U	1
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.64	U	0.64	< 0.83	U	0.83	< 0.79	U	0.79	< 0.82	U	0.82
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.66	U	0.66	< 0.85	U	0.85	< 0.81	U	0.81	< 0.85	U	0.85
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 2.2	B	2.2	< 1.5	B	1.5	0.98	J	0.73	0.88	J	0.76
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.47	U	0.47	< 0.61	U	0.61	< 0.58	U	0.58	< 0.6	U	0.6
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.6	U	0.6	< 0.77	U	0.77	< 0.74	U	0.74	< 0.77	U	0.77
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.64	U	0.64	< 0.83	U	0.83	< 0.79	U	0.79	< 0.83	U	0.83
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.52	U	0.52	< 0.68	U	0.68	< 0.65	U	0.65	< 0.67	U	0.67
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.52	U	0.52	< 0.68	U	0.68	< 0.65	U	0.65	< 0.68	U	0.68
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.58	U	0.58	< 0.75	U	0.75	2.2	J	0.71	< 0.74	U	0.74
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.81	U	0.81	< 1	U	1	< 1	U	1	< 1	U	1
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.41	U	0.41	< 0.53	U	0.53	< 0.51	U	0.51	< 0.53	U	0.53
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2	U	2	< 2.6	U	2.6	11	J	2.4	< 2.5	U	2.5
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 16	U	16	< 3.1	U	3.1	< 3.3	U	3.3	< 3.4	U	3.4
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 16	U	16	< 3.1	U	3.1	< 3.2	U	3.2	< 3.4	U	3.4
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 5.8	U	5.8	< 1.1	U	1.1	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 8.3	U	8.3	< 1.6	U	1.6	< 1.7	U	1.7	1.9	J	1.8
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 230	U	230	< 45	U	45	< 47	U	47	< 49	U	49
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 10	U	10	< 2	U	2	< 2.1	U	2.1	< 2.2	U	2.2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 12	U	12	< 2.5	U	2.5	< 2.6	U	2.6	< 2.7	U	2.7
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 11	U	11	< 2.2	U	2.2	< 2.3	U	2.3	< 2.4	U	2.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					PB-N1			PB-N2			PB-N4			PB-N4		
	Sample Date:							05/21/2008			05/20/2008			05/22/2008			05/22/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			7			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			9			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 9.8	U	9.8	< 1.9	U	1.9	< 2	U	2	< 2.1	U	2.1
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	160		11	3	J	2.1	43		2.2	6.9	J	2.3
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 12	U	12	< 2.4	U	2.4	< 2.5	U	2.5	< 2.6	U	2.6
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4	< 2.5	U	2.5
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 15	U	15	< 3	U	3	< 3.2	U	3.2	< 3.3	U	3.3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 44	U	44	< 8.6	U	8.6	< 9	U	9	< 9.4	U	9.4
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 17	U	17	< 3.3	U	3.3	< 3.4	U	3.4	< 3.6	U	3.6
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 140	U	140	< 27	U	27	< 28	U	28	< 29	U	29
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 8.7	U	8.7	< 1.7	U	1.7	< 1.8	U	1.8	< 1.9	U	1.9
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4	< 2.5	U	2.5
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 17	U	17	< 3.3	U	3.3	< 3.4	U	3.4	< 3.6	U	3.6
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9.6	U	9.6	< 1.9	U	1.9	< 2	U	2	< 2.1	U	2.1
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 12	U	12	4.7	J	2.4	< 2.5	U	2.5	5.6	J	2.6
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 8.1	U	8.1	< 1.6	U	1.6	< 1.7	U	1.7	< 1.8	U	1.8
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 15	U	15	< 3	U	3	< 3.1	U	3.1	< 3.2	U	3.2
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 10	U	10	< 2	U	2	6.3	J	2.1	3.2	J	2.2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	51		11	< 2.2	U	2.2	< 2.3	U	2.3	< 2.4	U	2.4
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	240		12	3.9	J	2.3	< 2.4	U	2.4	4.2	J	2.5
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	64		11	2.5	J	2.2	< 2.3	U	2.3	< 2.4	U	2.4
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 13	U	13	< 2.6	U	2.6	< 2.8	U	2.8	< 2.9	U	2.9
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 21	U	21	22	J	4	< 4.2	U	4.2	8.9	J	4.4
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	190		7.7	< 1.5	U	1.5	44		1.6	< 1.6	U	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	160		6	210		1.2	29		1.2	< 1.3	U	1.3
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	290		7.5	13	JN	1.5	< 1.5	U	1.5	< 1.6	U	1.6
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	140		6.6	12		1.3	< 1.4	U	1.4	< 1.4	U	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 6.2	U	6.2	< 1.2	UJ	1.2	< 1.3	U	1.3	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	28	J	11	< 2.1	U	2.1	6.8	J	2.2	2.6	J	2.3
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9	U	9	< 1.8	U	1.8	< 1.9	U	1.9	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 4.4	U	4.4	< 0.86	U	0.86	< 0.9	U	0.9	< 0.94	U	0.94
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4	< 2.5	U	2.5
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	140	J	15	26	J	2.9	< 3.1	U	3.1	< 3.2	U	3.2
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 16	U	16	< 3.1	U	3.1	< 3.2	U	3.2	< 3.3	U	3.3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 37	U	37	< 7.2	U	7.2	< 7.6	U	7.6	14	J	7.9
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	26	J	7.9	< 1.6	U	1.6	< 1.6	U	1.6	< 1.7	U	1.7
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	260		7.7	8.1		1.5	< 1.6	U	1.6	< 1.7	U	1.7
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	48		12	4.1	J	2.4	< 2.5	U	2.5	< 2.6	U	2.6
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	44	J	11	3.3	J	2.1	9.9	J	2.2	6.3	J	2.3
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 17	U	17	< 3.4	U	3.4	< 3.6	U	3.6	< 3.7	U	3.7
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 11	U	11	< 2.2	U	2.2	< 2.3	U	2.3	< 2.4	U	2.4
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 32	U	32	54		6.3	< 6.6	U	6.6	< 6.9	U	6.9

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							PB-N1			PB-N2			PB-N4			PB-N4		
	Sample Date:		PADEP MSCs					05/21/2008			05/20/2008			05/22/2008			05/22/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			8			7			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			10			9			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 14	U	14	< 2.7	U	2.7	< 2.8	U	2.8	< 2.9	U	2.9
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	350		13	19		2.5	< 2.6	U	2.6	5.6	J	2.7
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	42		9.4	< 1.8	U	1.8	21		1.9	7	J	2
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4	< 2.5	U	2.5
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4	< 2.6	U	2.6
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 8.9	U	8.9	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 8.7	U	8.7	< 1.7	U	1.7	< 1.8	U	1.8	< 1.9	U	1.9
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	120		6.9	7.7		1.4	< 1.4	U	1.4	< 1.5	U	1.5
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 11	U	11	< 2.1	U	2.1	< 2.2	U	2.2	< 2.3	U	2.3
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	280		9.4	2.8	J	1.8	13		1.9	6.3	J	2
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 4.8	U	4.8	< 0.95	U	0.95	< 0.99	U	0.99	< 1	U	1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 4.7	U	4.7	< 0.93	U	0.93	< 0.98	U	0.98	< 1	U	1
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 11	U	11	< 2.1	U	2.1	< 2.2	U	2.2	< 2.3	U	2.3
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 14	U	14	< 2.8	U	2.8	< 3	U	3	< 3.1	U	3.1
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	250		9.3	14		1.8	77		1.9	20		2
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 12	U	12	3	J	2.3	< 2.4	U	2.4	< 2.5	U	2.5
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	240		12	8.5		2.3	< 2.4	U	2.4	4.2	J	2.5

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							PB-N5			PB-N5			SB-N1			SB-N10		
	Sample Date:		PADEP MSCs					05/19/2008			05/19/2008			05/14/2008			05/22/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	27,700	J	0.34	8,710	J	0.27	13,400		0.29	13,100		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.037	J	0.0047	< 0.028	B	0.028	< 0.071	B	0.071	0.15	L	0.004
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	2.4	K	0.024	0.73	K	0.019	7	J	0.02	9	J	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	194	J	0.011	55.4	J	0.0088	43.6		0.0095	56.2		0.0093
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	1.1		0.0053	0.43		0.0042	0.71		0.0046	0.67		0.0045
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.34		0.013	0.084	J	0.01	0.25	L	0.011	0.13		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	4,110	J	2.5	1,190	J	2	15,200	J	2.2	15,600		2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	28.9		0.011	12.8		0.0091	21.2	J	0.0099	19.4		0.0097
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	9		0.0036	5		0.0028	12.7		0.0031	13.9		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	8.8	K	0.012	4.2	K	0.0097	20.1	J	0.01	19.7		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	17,600		0.41	8,750		0.33	30,500	J	0.36	36,900		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	22.9		0.0049	8.2		0.0039	15.2	J	0.0042	14.9		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3,440		0.54	1,760		0.43	8,610	L	0.47	9,070		0.46
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	229	K	0.021	83.3	K	0.017	351		0.018	613		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	21		0.0097	11.1		0.0078	30.4	L	0.0084	29.6		0.0082
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,320		1.4	496		1.1	2,240		1.2	2,260		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	1.8		0.058	0.58		0.046	0.5	L	0.05	0.25	J	0.049
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.11	J	0.0034	0.041	J	0.0027	0.088	J	0.003	0.042	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	95		1	42.1		0.83	93	J	0.89	141		0.88
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.32		0.0029	0.097	J	0.0023	0.18	J	0.0025	0.18		0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	36.4		0.0083	14		0.0066	22	J	0.0071	21.4		0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	87.7		0.017	38.4		0.013	63.1	L	0.014	71.8		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.084		0.01	0.036	J	0.0081	0.015	L	0.0087	0.016	J	0.0086
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.14	U	0.14	< 0.11	U	0.11	< 0.14	B	0.14	< 0.12	U	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 1.1	U	1.1	< 0.17	U	0.17	< 0.18	U	0.18	< 0.18	U	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.72	U	0.72	< 0.11	U	0.11	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 1.6	U	1.6	< 0.26	U	0.26	< 0.28	U	0.28	< 0.27	U	0.27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 1.3	U	1.3	< 0.2	U	0.2	< 0.22	U	0.22	0.5	J	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 1.8	U	1.8	< 0.29	U	0.29	< 0.31	U	0.31	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.74	U	0.74	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 1.2	U	1.2	< 0.2	U	0.2	< 0.21	U	0.21	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 1.4	U	1.4	< 0.22	U	0.22	< 0.24	U	0.24	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 2.7	U	2.7	< 0.44	U	0.44	< 0.47	U	0.47	< 0.46	U	0.46
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 1.3	U	1.3	NA	NA	NA	NA	NA	NA	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				PB-NS			PB-NS			SB-N1			SB-N10		
	Sample Date:							05/19/2008			05/19/2008			05/14/2008			05/22/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.89	U	0.89	< 0.14	U	0.14	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 1.9	U	1.9	< 0.31	U	0.31	< 0.33	U	0.33	< 0.32	U	0.32
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.95	U	0.95	< 0.15	U	0.15	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.5	U	1.5	< 0.24	U	0.24	< 0.26	U	0.26	< 0.25	U	0.25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.4	U	1.4	< 0.22	U	0.22	< 0.24	U	0.24	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 1.7	U	1.7	< 0.26	U	0.26	< 0.28	U	0.28	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 1.2	U	1.2	< 0.19	U	0.19	< 0.21	U	0.21	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 1.5	U	1.5	< 0.24	U	0.24	< 0.26	U	0.26	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 1.2	U	1.2	< 0.19	U	0.19	< 0.2	U	0.2	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 4.9	U	4.9	< 0.79	U	0.79	< 0.84	U	0.84	< 0.83	U	0.83
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 83	U	83	< 13	U	13	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3.5	U	3.5	< 2.8	U	2.8	< 3	U	3	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 4.5	U	4.5	< 3.6	U	3.6	< 3.9	U	3.9	< 3.8	U	3.8
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 4.1	U	4.1	< 3.3	U	3.3	< 3.5	U	3.5	< 3.4	U	3.4
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.9	U	3.9	< 3.1	U	3.1	< 3.3	U	3.3	< 3.3	U	3.3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2.3	U	2.3	< 1.8	U	1.8	< 1.9	U	1.9	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 3.4	U	3.4	< 2.7	U	2.7	< 2.9	U	2.9	< 2.8	U	2.8
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 3.4	U	3.4	< 2.7	U	2.7	< 2.9	U	2.9	< 2.8	U	2.8
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.6	U	0.6	< 0.45	U	0.45	< 0.51	U	0.51	< 0.44	U	0.44
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.89	U	0.89	< 0.67	U	0.67	< 0.75	U	0.75	< 0.65	U	0.65
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1	U	1	< 0.78	U	0.78	< 0.87	U	0.87	< 0.76	U	0.76
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.71	U	0.71	< 0.54	U	0.54	< 0.6	U	0.6	< 0.52	U	0.52
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.1	U	1.1	< 0.79	U	0.79	< 0.89	U	0.89	< 0.77	U	0.77
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.1	U	1.1	< 0.82	U	0.82	< 0.92	U	0.92	< 0.8	U	0.8
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.93	U	0.93	< 0.7	U	0.7	< 0.78	U	0.78	< 0.68	U	0.68
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.1	U	1.1	< 0.81	U	0.81	< 0.9	U	0.9	< 0.78	U	0.78
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.99	U	0.99	< 0.75	U	0.75	< 0.83	U	0.83	< 0.72	U	0.72
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.76	U	0.76	< 0.57	U	0.57	< 0.64	U	0.64	< 0.56	U	0.56
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.67	U	0.67	< 0.51	U	0.51	< 0.57	U	0.57	< 0.49	U	0.49
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.81	U	0.81	< 0.61	U	0.61	< 0.69	U	0.69	< 0.6	U	0.6
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.79	U	0.79	< 0.6	U	0.6	< 0.67	U	0.67	< 0.58	U	0.58
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.1	U	1.1	< 0.82	U	0.82	< 0.92	U	0.92	< 0.8	U	0.8
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.86	U	0.86	< 0.65	U	0.65	< 0.72	U	0.72	< 0.63	U	0.63
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.81	U	0.81	< 0.61	U	0.61	< 0.68	U	0.68	< 0.59	U	0.59
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	9.9	J	6.2	9.4	J	4.7	< 5.2	U	5.2	< 4.5	U	4.5

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					PB-N5			PB-N5			SB-N1			SB-N10		
	Sample Date:							05/19/2008			05/19/2008			05/14/2008			05/22/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.84	U	0.84	< 0.63	U	0.63	< 0.71	U	0.71	< 0.61	U	0.61
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.7	U	0.7	< 0.52	U	0.52	< 0.59	U	0.59	< 0.51	U	0.51
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.55	U	0.55	< 0.41	U	0.41	< 0.46	U	0.46	< 0.4	U	0.4
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.92	U	0.92	< 0.69	U	0.69	< 0.77	U	0.77	< 0.67	U	0.67
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.64	U	0.64	< 0.48	U	0.48	< 0.54	U	0.54	< 0.47	U	0.47
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.55	U	0.55	< 0.42	U	0.42	< 0.47	U	0.47	< 0.41	U	0.41
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.94	U	0.94	< 0.71	U	0.71	< 0.79	U	0.79	< 0.69	U	0.69
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.9	U	1.9	< 1.4	U	1.4	< 1.6	U	1.6	< 1.4	U	1.4
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.73	U	0.73	< 0.55	U	0.55	< 0.61	U	0.61	< 0.53	U	0.53
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.1	U	1.1	< 0.8	U	0.8	< 0.89	U	0.89	< 0.77	U	0.77
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.87	U	0.87	< 0.66	U	0.66	< 0.74	U	0.74	< 0.64	U	0.64
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.84	U	0.84	< 0.63	U	0.63	< 0.71	U	0.71	< 0.62	U	0.62
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.46	U	0.46	< 0.35	U	0.35	< 0.39	U	0.39	< 0.34	U	0.34
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.88	U	0.88	< 0.66	U	0.66	< 0.74	U	0.74	< 0.64	U	0.64
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.83	U	0.83	< 0.62	U	0.62	< 0.7	U	0.7	< 0.6	U	0.6
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.8	U	0.8	< 0.6	U	0.6	< 0.67	U	0.67	< 0.58	U	0.58
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.3	U	1.3	< 1	U	1	< 1.1	U	1.1	< 0.97	U	0.97
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.84	U	0.84	< 0.63	U	0.63	< 0.71	U	0.71	< 0.62	U	0.62
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.1	U	1.1	< 0.84	U	0.84	< 0.94	U	0.94	< 0.82	U	0.82
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.9	U	0.9	< 0.68	U	0.68	< 0.76	U	0.76	< 0.66	U	0.66
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.93	U	0.93	< 0.7	U	0.7	< 0.78	U	0.78	< 0.68	U	0.68
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1.2	B	1.2	< 1	B	1	< 1.3	B	1.3	1.1	J	0.61
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.66	U	0.66	< 0.5	U	0.5	< 0.56	U	0.56	< 0.48	U	0.48
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.85	U	0.85	< 0.64	U	0.64	< 0.71	U	0.71	< 0.62	U	0.62
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.91	U	0.91	< 0.68	U	0.68	< 0.76	U	0.76	< 0.66	U	0.66
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.74	U	0.74	< 0.56	U	0.56	< 0.62	U	0.62	< 0.54	U	0.54
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.74	U	0.74	< 0.56	U	0.56	< 0.63	U	0.63	< 0.54	U	0.54
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.82	U	0.82	< 0.61	U	0.61	< 0.69	U	0.69	< 0.6	U	0.6
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.1	U	1.1	< 0.86	U	0.86	< 0.96	U	0.96	< 0.83	U	0.83
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.58	U	0.58	< 0.44	U	0.44	< 0.49	U	0.49	< 0.43	U	0.43
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.8	U	2.8	< 2.1	U	2.1	< 2.3	U	2.3	< 2	U	2
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.9	U	3.9	< 3.1	U	3.1	< 6.7	U	6.7	< 3.3	U	3.3
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.8	U	3.8	< 3	U	3	< 6.6	U	6.6	< 3.2	U	3.2
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.4	U	1.4	< 1.1	U	1.1	< 2.4	U	2.4	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 2	U	2	< 1.6	U	1.6	< 3.5	U	3.5	< 1.7	U	1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 55	U	55	< 44	U	44	< 97	U	97	< 47	U	47
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.4	U	2.4	< 1.9	U	1.9	< 4.2	U	4.2	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 3	U	3	< 2.4	U	2.4	< 5.3	U	5.3	< 2.6	U	2.6
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.7	U	2.7	< 2.2	U	2.2	< 4.7	U	4.7	< 2.3	U	2.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					PB-N5			PB-N5			SB-N1			SB-N10		
	Sample Date:							05/19/2008			05/19/2008			05/14/2008			05/22/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				6			6			10			10		
	End Depth:		Subsurface Soil					8			8			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.4	U	2.4	< 1.9	U	1.9	< 4.1	U	4.1	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	3.9	J	2.6	< 2.1	U	2.1	9.5	J	4.5	7.9	J	2.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.9	U	2.9	< 2.3	U	2.3	< 5.1	U	5.1	< 2.5	U	2.5
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.8	U	2.8	< 2.2	U	2.2	< 4.9	U	4.9	< 2.4	U	2.4
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.7	U	3.7	< 3	U	3	< 6.5	U	6.5	< 3.2	U	3.2
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 11	U	11	< 8.4	U	8.4	< 18	U	18	< 8.9	U	8.9
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 4	U	4	< 3.2	U	3.2	< 7	U	7	< 3.4	U	3.4
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 33	U	33	< 26	U	26	< 58	U	58	< 28	U	28
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 1.7	U	1.7	< 3.7	U	3.7	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.9	U	2.9	< 2.3	U	2.3	< 5	U	5	< 2.4	U	2.4
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 4	U	4	< 3.2	U	3.2	< 7	U	7	< 3.4	U	3.4
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.3	U	2.3	< 1.9	U	1.9	< 4	U	4	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	8.5	J	2.9	4.3	J	2.3	< 5.1	U	5.1	3	J	2.5
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 2	U	2	< 1.6	U	1.6	< 3.4	U	3.4	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.7	U	3.7	< 2.9	U	2.9	< 6.4	U	6.4	< 3.1	U	3.1
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.4	U	2.4	< 1.9	U	1.9	< 4.2	U	4.2	19		2.1
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.7	U	2.7	< 2.2	U	2.2	< 4.8	U	4.8	4	J	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.8	U	2.8	< 2.3	U	2.3	< 5	U	5	2.8	J	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	2.8	J	2.7	< 2.1	U	2.1	< 4.6	U	4.6	18		2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 3.2	U	3.2	< 2.6	U	2.6	< 5.6	U	5.6	< 2.7	U	2.7
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	16	J	5	9.2	J	4	< 8.7	U	8.7	12	J	4.2
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.9	UJ	1.9	160	J	1.5	13	J	3.2	10		1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.4	UJ	1.4	430	J	1.2	11	J	2.5	6	J	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.8	U	1.8	< 1.4	U	1.4	26		3.1	9.6		1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.6	U	1.6	< 1.3	U	1.3	17		2.8	8.2		1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.5	U	1.5	< 1.2	U	1.2	< 2.6	U	2.6	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.6	U	2.6	< 2.1	U	2.1	< 4.5	U	4.5	4.4	J	2.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 1.7	U	1.7	< 3.8	U	3.8	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 1.1	U	1.1	< 0.84	U	0.84	< 1.8	U	1.8	< 0.89	U	0.89
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.8	U	2.8	< 2.2	U	2.2	< 4.9	U	4.9	< 2.4	U	2.4
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	< 3.6	U	3.6	< 2.9	U	2.9	29	J	6.3	21	J	3
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.8	U	3.8	< 3	U	3	18	J	6.5	9.5	J	3.2
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 8.9	U	8.9	< 7.1	U	7.1	85		15	26	J	7.5
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.9	U	1.9	< 1.5	U	1.5	< 3.3	U	3.3	6.7	J	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.9	U	1.9	< 1.5	U	1.5	20		3.2	13		1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 3	U	3	< 2.4	U	2.4	< 5.2	U	5.2	< 2.5	U	2.5
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.6	U	2.6	< 2.1	U	2.1	5.1	J	4.5	11	J	2.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 4.2	U	4.2	< 3.3	U	3.3	7.5	J	7.3	< 3.5	U	3.5
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.7	U	2.7	< 2.1	U	2.1	< 4.6	U	4.6	< 2.2	U	2.2
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 7.8	U	7.8	< 6.2	U	6.2	< 14	U	14	< 6.6	U	6.6

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							PB-N5			PB-N5			SB-N1			SB-N10		
	Sample Date:		PADEP MSCs					05/19/2008			05/19/2008			05/14/2008			05/22/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 3.3	U	3.3	< 2.6	U	2.6	< 5.7	U	5.7	< 2.8	U	2.8
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 3	UJ	3	54	J	2.4	27		5.3	31		2.6
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 2.3	U	2.3	13		1.8	< 4	U	4	16		1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.8	U	2.8	< 2.2	U	2.2	< 4.9	U	4.9	< 2.4	U	2.4
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.9	U	2.9	< 2.3	U	2.3	< 5	U	5	< 2.4	U	2.4
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 2.2	U	2.2	< 1.7	U	1.7	< 3.7	U	3.7	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 2.1	U	2.1	< 1.7	U	1.7	< 3.7	U	3.7	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.7	U	1.7	< 1.3	U	1.3	11	J	2.9	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.6	U	2.6	< 2.1	U	2.1	< 4.5	U	4.5	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	3.4	J	2.3	< 1.8	U	1.8	6.8	J	4	5	J	1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.2	U	1.2	< 0.93	U	0.93	< 2	U	2	< 0.99	U	0.99
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1.1	U	1.1	< 0.92	U	0.92	< 2	U	2	< 0.97	U	0.97
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.5	U	2.5	< 2	U	2	< 4.4	U	4.4	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3.5	U	3.5	< 2.8	U	2.8	< 6.1	U	6.1	< 3	U	3
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	2.8	J	2.2	50	J	1.8	27		3.9	60		1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.8	U	2.8	< 2.3	U	2.3	< 4.9	U	4.9	< 2.4	U	2.4
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.9	U	2.9	19		2.3	26		5	25		2.4

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N11			SB-N12			SB-N12		
	Sample Date:			Non-Residential				05/13/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO		
	Sample Type Code:							N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				14			10			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				16			12			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	11,800		0.3	NA	NA	NA	3,120		0.28
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.28	L	0.0042	NA	NA	NA	0.099	J	0.0039
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	10	J	0.021	NA	NA	NA	4.5	K	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	53.5	L	0.0098	NA	NA	NA	14.3		0.0091
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.71		0.0047	NA	NA	NA	0.12		0.0044
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.25		0.012	NA	NA	NA	0.037	J	0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	11,000	L	2.3	NA	NA	NA	305		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	22.4	L	0.01	NA	NA	NA	8.1		0.0095
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	14		0.0032	NA	NA	NA	2.8		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	21	L	0.011	NA	NA	NA	9.9	K	0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	37,100		1.8	NA	NA	NA	12,100		0.34
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	24.8		0.0043	NA	NA	NA	5.4		0.004
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	7,430		0.48	NA	NA	NA	973		0.45
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	422		0.019	NA	NA	NA	75.1	K	0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	30.9	L	0.0087	NA	NA	NA	6.5		0.0081
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,920		1.3	NA	NA	NA	479		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.27	L	0.052	NA	NA	NA	0.28	J	0.048
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.042	J	0.0031	NA	NA	NA	0.01	J	0.0028
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	72.2	J	0.93	NA	NA	NA	47.4		0.86
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.17		0.0026	NA	NA	NA	0.046	J	0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	21.1		0.0074	NA	NA	NA	7.4		0.0069
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	72.5	L	0.015	NA	NA	NA	20.1		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.015	J	0.0091	NA	NA	NA	< 0.0084	U	0.0084
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.19	U	0.19	NA	NA	NA	< 17	U	17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.13	U	0.13	NA	NA	NA	< 12	U	12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.29	U	0.29	NA	NA	NA	< 27	U	27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.23	U	0.23	NA	NA	NA	< 21	U	21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	0.95	J	0.33	NA	NA	NA	< 30	U	30
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.13	U	0.13	NA	NA	NA	< 12	U	12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.22	U	0.22	NA	NA	NA	< 20	U	20
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.25	U	0.25	NA	NA	NA	46	J	23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.49	U	0.49	NA	NA	NA	< 45	U	45
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.23	U	0.23	NA	NA	NA	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N11			SB-N12			SB-N12		
	Sample Date:			Non-Residential				05/13/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO		
	Sample Type Code:							N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				14			10			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				16			12			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.16	U	0.16	NA	NA	NA	< 15	U	15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.35	U	0.35	NA	NA	NA	< 32	U	32
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.17	U	0.17	NA	NA	NA	< 16	U	16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.27	U	0.27	NA	NA	NA	< 25	U	25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	U	0.25	NA	NA	NA	< 23	U	23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	0.35	J	0.3	NA	NA	NA	< 27	U	27
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	2.2		0.22	NA	NA	NA	< 20	U	20
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.27	U	0.27	NA	NA	NA	< 25	U	25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.21	U	0.21	NA	NA	NA	< 20	U	20
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.89	U	0.89	NA	NA	NA	< 81	U	81
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 15	U	15	NA	NA	NA	< 1400	U	1400
PCBs																
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3.2	U	3.2	NA	NA	NA	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 4.1	U	4.1	NA	NA	NA	< 3.7	U	3.7
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.6	U	3.6	NA	NA	NA	< 3.3	U	3.3
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.5	U	3.5	NA	NA	NA	< 3.2	U	3.2
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2	U	2	NA	NA	NA	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	170		3	NA	NA	NA	< 2.8	U	2.8
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 3	U	3	NA	NA	NA	< 2.8	U	2.8
Volatile Organic Compounds																
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.99	U	0.99	< 0.48	U	0.48	< 50	U	50
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 1.1	U	1.1	< 0.7	U	0.7	< 56	U	56
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1	U	1	< 0.81	U	0.81	< 52	U	52
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.95	U	0.95	< 0.56	U	0.56	< 48	U	48
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.1	U	1.1	< 0.83	U	0.83	< 58	U	58
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1	U	1	< 0.86	U	0.86	< 51	U	51
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.82	U	0.82	< 0.73	U	0.73	< 41	U	41
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1	U	1	< 0.85	U	0.85	< 51	U	51
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1.1	U	1.1	< 0.78	U	0.78	< 54	U	54
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 1.1	U	1.1	< 0.6	U	0.6	< 54	U	54
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 1.1	U	1.1	< 0.53	U	0.53	< 54	U	54
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 1	U	1	< 0.64	U	0.64	< 52	U	52
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 1.1	U	1.1	< 0.62	U	0.62	< 55	U	55
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.94	U	0.94	< 0.86	U	0.86	< 48	U	48
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.77	U	0.77	< 0.68	U	0.68	< 39	U	39
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.84	U	0.84	< 0.64	U	0.64	< 43	U	43
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 4.9	U	4.9	< 4.9	U	4.9	400	J	59

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				SB-N11			SB-N12			SB-N12		
	Sample Date:							05/13/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO		
	Sample Type Code:							N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				14			10			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				16			12			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 1	U	1	< 0.66	U	0.66	< 51	U	51
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.94	U	0.94	< 0.55	U	0.55	< 48	U	48
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.99	U	0.99	< 0.43	U	0.43	< 50	U	50
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 1.2	U	1.2	< 0.72	U	0.72	< 62	U	62
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 1.2	U	1.2	< 0.5	U	0.5	< 60	U	60
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.87	U	0.87	< 0.44	U	0.44	< 44	U	44
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 1.1	U	1.1	< 0.74	U	0.74	< 54	U	54
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.4	U	1.4	< 1.5	U	1.5	< 71	U	71
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 1	U	1	< 0.57	U	0.57	< 52	U	52
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.1	U	1.1	< 0.84	U	0.84	< 54	U	54
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 1	U	1	< 0.69	U	0.69	< 53	U	53
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.87	U	0.87	< 0.66	U	0.66	< 44	U	44
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.97	U	0.97	< 0.36	U	0.36	< 49	U	49
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.9	U	0.9	< 0.7	U	0.7	< 45	U	45
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 1.2	U	1.2	< 0.65	U	0.65	< 63	U	63
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 1.1	U	1.1	< 0.63	U	0.63	< 58	U	58
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.2	U	1.2	< 1	U	1	< 60	U	60
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 1	U	1	< 0.67	U	0.67	< 53	U	53
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1	U	1	< 0.88	U	0.88	< 52	U	52
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.1	U	1.1	< 0.71	U	0.71	260		55
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.9	U	0.9	< 0.73	U	0.73	< 45	U	45
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 0.74	U	0.74	< 1.1	B	1.1	200	J	38
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 1.1	U	1.1	< 0.52	U	0.52	< 55	U	55
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 1.3	U	1.3	< 0.67	U	0.67	< 64	U	64
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.77	U	0.77	< 0.72	U	0.72	< 39	U	39
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 1.1	U	1.1	< 0.58	U	0.58	< 57	U	57
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.85	U	0.85	< 0.59	U	0.59	< 43	U	43
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 1.1	U	1.1	< 0.64	U	0.64	< 55	U	55
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 0.9	U	0.9	< 80	U	80
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 1.1	U	1.1	< 0.46	U	0.46	< 55	U	55
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 3.4	U	3.4	< 2.2	U	2.2	180	J	170
Semivolatile Organic Compounds																
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.5	U	3.5	< 3.2	U	3.2	< 32	U	32
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.4	U	3.4	< 3.1	U	3.1	< 32	U	32
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.3	U	1.3	< 1.2	U	1.2	< 12	U	12
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.8	U	1.8	< 1.7	U	1.7	< 17	U	17
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 50	U	50	< 46	U	46	< 460	U	460
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.2	U	2.2	< 2	U	2	< 20	U	20
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.7	U	2.7	< 2.5	U	2.5	< 25	U	25
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.5	U	2.5	< 2.2	U	2.2	< 23	U	23

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N11			SB-N12			SB-N12		
	Sample Date:							05/13/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO		
	Sample Type Code:							N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				14			10			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				16			12			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.1	U	2.1	< 1.9	U	1.9	< 20	U	20
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	3.3	J	2.3	25		2.1	29,000	K	22
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.7	U	2.7	< 2.4	U	2.4	< 25	U	25
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.5	U	2.5	< 2.3	U	2.3	< 24	U	24
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.4	U	3.4	< 3.1	U	3.1	< 31	U	31
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9.5	U	9.5	< 8.7	U	8.7	< 88	U	88
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.6	U	3.6	< 3.3	U	3.3	< 34	U	34
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 30	U	30	< 27	U	27	< 280	U	280
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 1.7	U	1.7	< 18	U	18
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.6	U	2.6	< 2.4	U	2.4	< 24	U	24
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.6	U	3.6	< 3.3	U	3.3	< 34	U	34
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 1.9	U	1.9	< 19	U	19
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.7	U	2.7	5.5	J	2.4	< 25	U	25
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.8	U	1.8	< 1.6	U	1.6	< 17	U	17
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.3	U	3.3	< 3	U	3	< 31	U	31
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.2	U	2.2	< 2	U	2	< 20	U	20
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.5	U	2.5	< 2.3	U	2.3	< 23	U	23
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	3.9	J	2.6	3.6	J	2.4	< 24	U	24
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.4	U	2.4	< 2.2	U	2.2	< 22	U	22
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.9	U	2.9	< 2.7	U	2.7	< 27	U	27
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	39	J	4.5	10	J	4.1	< 42	U	42
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.7	U	1.7	< 1.5	U	1.5	190	K	16
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	2	J	1.3	< 1.2	U	1.2	< 12	U	12
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	6.1	J	1.6	< 1.5	U	1.5	93	K	15
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	3.2	J	1.4	< 1.3	U	1.3	140	K	13
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.4	U	1.4	< 1.2	U	1.2	< 13	U	13
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.3	U	2.3	8.5	J	2.1	7,300	K	22
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 1.8	U	1.8	< 18	U	18
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.95	U	0.95	< 0.87	U	0.87	< 8.8	U	8.8
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.5	U	2.5	< 2.3	U	2.3	< 24	U	24
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	340		3.2	120		3	310	K	30
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.4	U	3.4	5.1	J	3.1	< 32	U	32
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	43		8	< 7.3	U	7.3	< 74	U	74
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.7	U	1.7	< 1.6	U	1.6	< 16	U	16
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.7	U	1.7	< 1.5	U	1.5	480	K	16
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.7	U	2.7	< 2.5	U	2.5	< 25	U	25
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.1	J	2.3	< 2.1	U	2.1	< 22	U	22
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.8	U	3.8	< 3.5	U	3.5	< 35	U	35
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.4	U	2.4	< 2.2	U	2.2	< 22	U	22
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	13	J	7	< 6.4	U	6.4	< 65	U	65

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N11			5B-N12			SB-N12		
	Sample Date:							05/13/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO		
	Sample Type Code:							N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				14			10			B		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				16			12			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 3	U	3	< 2.7	U	2.7	< 27	U	27
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	7.3	J	2.7	< 2.5	U	2.5	230	K	25
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 2.1	U	2.1	2.7	J	1.9	< 19	U	19
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.5	U	2.5	< 2.3	U	2.3	< 24	U	24
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.6	U	2.6	< 2.4	U	2.4	< 24	U	24
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.9	U	1.9	< 1.8	U	1.8	< 18	U	18
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.9	U	1.9	< 1.7	U	1.7	< 18	U	18
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	2.2	J	1.5	< 1.4	U	1.4	< 14	U	14
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.4	U	2.4	< 2.2	U	2.2	< 22	U	22
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	3.7	J	2.1	4.7	J	1.9	5,300	K	19
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.1	U	1.1	< 0.96	U	0.96	< 9.8	U	9.8
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1	U	1	< 0.95	U	0.95	< 9.6	U	9.6
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.3	U	2.3	< 2.1	U	2.1	< 21	U	21
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3.2	U	3.2	< 2.9	U	2.9	< 29	U	29
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	11		2	10		1.9	4,800	K	19
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.6	U	2.6	< 2.3	U	2.3	< 24	U	24
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	5.9	J	2.6	< 2.4	U	2.4	610	K	24

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N12E1			SB-N12N1			SB-N12S1			SB-N12W1		
	Sample Date:		Non-Residential					05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	6,340		0.26	7,620		0.28	8,770		0.26	8,060		0.27
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.086	L	0.0037	0.071	L	0.0039	0.11	L	0.0037	0.12	L	0.0038
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	2.9	K	0.018	4.2	K	0.019	18.7	K	0.019	8.5	K	0.019
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	40	L	0.0086	58.8	L	0.0091	67.1	L	0.0086	58.7	L	0.0089
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.27	L	0.0041	0.37	L	0.0044	0.5	L	0.0041	0.64	L	0.0043
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.071	J	0.01	0.089	J	0.011	0.16		0.01	0.23		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	977		2	812		2.1	943		2	1,210		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	10.2	K	0.0089	10.3	K	0.0094	12.9	K	0.009	13.8	K	0.0092
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	3.8		0.0028	4.2		0.0029	8.5		0.0028	9		0.0029
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	12		0.0095	9.1		0.01	13		0.0095	11.3		0.0098
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	10,800		0.32	13,500		0.34	19,800		0.32	20,600		0.33
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	8.5		0.0038	7.6		0.004	10.1		0.0038	14		0.0039
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,220	L	0.42	1,480	L	0.45	2,020	L	0.43	2,100	L	0.44
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	87.1		0.016	104		0.017	309		0.016	168		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	10.4		0.0076	11.9		0.008	17.9		0.0076	18.5		0.0079
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	598		1.1	707		1.2	854		1.1	890		1.1
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	< 0.053	B	0.053	< 0.18	B	0.18	< 0.22	B	0.22	0.37	L	0.047
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.017	J	0.0027	0.023	J	0.0028	0.022	J	0.0027	0.015	J	0.0028
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	42.8		0.81	49.7		0.85	62.8		0.81	101		0.84
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.072	J	0.0022	0.094	J	0.0024	0.12		0.0022	0.12		0.0023
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	11.7		0.0065	12.4		0.0068	16.1		0.0065	20		0.0067
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	36.3	K	0.013	44.2	K	0.014	55.9	K	0.013	64.3	K	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.032	J	0.0079	0.031	J	0.0084	0.039		0.008	0.019	J	0.0082
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.17	B	0.17	< 0.18	B	0.18	< 0.15	B	0.15	< 0.11	U	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.17	U	0.17	< 0.18	U	0.18	< 0.17	U	0.17	< 0.17	U	0.17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.11	U	0.11	< 0.12	U	0.12	< 0.11	U	0.11	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.25	U	0.25	< 0.27	U	0.27	< 0.26	U	0.26	< 0.26	U	0.26
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.2	U	0.2	< 0.21	U	0.21	< 0.2	U	0.2	< 0.2	U	0.2
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.28	U	0.28	< 0.3	U	0.3	< 0.29	U	0.29	< 0.29	U	0.29
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.19	U	0.19	< 0.2	U	0.2	< 0.19	U	0.19	< 0.2	U	0.2
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.22	U	0.22	< 0.23	U	0.23	< 0.22	U	0.22	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.43	U	0.43	< 0.45	U	0.45	< 0.43	U	0.43	< 0.44	U	0.44
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.2	U	0.2	< 0.21	U	0.21	< 0.2	U	0.2	< 0.2	U	0.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N12E1			SB-N12N1			SB-N12S1			SB-N12W1		
	Sample Date:							05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.14	U	0.14	< 0.15	U	0.15	< 0.14	U	0.14	< 0.14	U	0.14
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.3	U	0.3	< 0.32	U	0.32	< 0.3	U	0.3	< 0.31	U	0.31
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.15	U	0.15	< 0.16	U	0.16	< 0.15	U	0.15	< 0.15	U	0.15
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.24	U	0.24	< 0.25	U	0.25	< 0.24	U	0.24	< 0.24	U	0.24
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.22	U	0.22	< 0.23	U	0.23	< 0.22	U	0.22	< 0.22	U	0.22
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.26	U	0.26	< 0.27	U	0.27	< 0.26	U	0.26	0.34	J	0.27
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.19	U	0.19	< 0.2	U	0.2	< 0.19	U	0.19	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.24	U	0.24	< 0.25	U	0.25	< 0.24	U	0.24	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.19	U	0.19	< 0.2	U	0.2	< 0.19	U	0.19	< 0.19	U	0.19
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.77	U	0.77	< 0.82	U	0.82	< 0.78	U	0.78	< 0.8	U	0.8
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 13	U	13	< 14	U	14	< 13	U	13	< 13	U	13
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.8	U	2.8	< 2.9	U	2.9	< 2.8	U	2.8	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.5	U	3.5	< 3.7	U	3.7	< 3.6	U	3.6	< 3.7	U	3.7
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.2	U	3.2	< 3.4	U	3.4	< 3.2	U	3.2	< 3.3	U	3.3
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3	U	3	< 3.2	U	3.2	< 3	U	3	< 3.1	U	3.1
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.8	U	1.8	< 1.9	U	1.9	< 1.8	U	1.8	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.6	U	2.6	< 2.8	U	2.8	< 2.7	U	2.7	< 2.7	U	2.7
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.6	U	2.6	< 2.8	U	2.8	< 2.7	U	2.7	< 2.7	U	2.7
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.53	U	0.53	< 0.57	U	0.57	< 0.52	U	0.52	< 8.7	U	8.7
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.32	U	0.32	< 0.34	U	0.34	< 0.32	U	0.32	< 7.5	U	7.5
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.37	U	0.37	< 0.39	U	0.39	< 0.36	U	0.36	< 9	U	9
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.34	U	0.34	< 0.36	U	0.36	< 0.34	U	0.34	< 6.7	U	6.7
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.49	U	0.49	< 0.53	U	0.53	< 0.48	U	0.48	< 7.6	U	7.6
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.26	U	0.26	< 0.27	U	0.27	< 0.25	U	0.25	< 11	U	11
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1.2	U	1.2	< 1.3	U	1.3	< 1.2	U	1.2	< 55	U	55
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.47	U	0.47	< 0.51	U	0.51	< 0.47	U	0.47	< 9	U	9
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.34	U	0.34	< 0.36	U	0.36	< 0.34	U	0.34	< 16	U	16
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.32	U	0.32	< 0.34	U	0.34	< 0.32	U	0.32	< 8.5	U	8.5
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.65	U	0.65	< 0.7	U	0.7	< 0.64	U	0.64	< 6.8	U	6.8
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.33	U	0.33	< 0.35	U	0.35	< 0.33	U	0.33	< 6.6	U	6.6
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.62	U	0.62	< 0.67	U	0.67	< 0.61	U	0.61	< 7.2	U	7.2
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.3	U	1.3	< 1.4	U	1.4	< 1.3	U	1.3	< 45	U	45
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.6	U	0.6	< 0.64	U	0.64	< 0.59	U	0.59	< 22	U	22
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.51	U	0.51	< 0.55	U	0.55	< 0.5	U	0.5	< 10	U	10
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 6	U	6	< 6.4	U	6.4	< 5.9	U	5.9	< 140	B	140

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N12E1			SB-N12N1			SB-N12S1			SB-N12W1		
	Sample Date:							05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.32	B	0.32	< 0.23	U	0.23	< 0.21	U	0.21	< 12	B	12
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.26	U	0.26	< 0.28	U	0.28	< 0.26	U	0.26	< 11	U	11
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.31	U	0.31	< 0.33	U	0.33	< 0.31	U	0.31	< 12	U	12
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 1.5	B	1.5	< 0.55	U	0.55	< 0.5	U	0.5	< 23	U	23
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.42	U	0.42	< 0.45	U	0.45	< 0.41	U	0.41	< 18	U	18
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.35	U	0.35	< 0.37	U	0.37	< 0.34	U	0.34	< 11	U	11
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.31	U	0.31	< 0.33	U	0.33	< 0.31	U	0.31	< 5.8	U	5.8
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	1.1	J	0.81	< 0.87	U	0.87	< 0.8	U	0.8	< 59	U	59
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.27	U	0.27	< 0.29	U	0.29	< 0.27	U	0.27	< 11	U	11
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.39	U	0.39	< 0.42	U	0.42	< 0.38	U	0.38	< 4.7	U	4.7
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.34	U	0.34	< 0.36	U	0.36	< 0.34	U	0.34	< 13	U	13
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.32	U	0.32	< 0.34	U	0.34	< 0.32	U	0.32	< 5	U	5
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.31	U	0.31	< 0.33	U	0.33	< 0.31	U	0.31	< 7	U	7
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.52	U	0.52	< 0.56	U	0.56	< 0.51	U	0.51	< 6.3	U	6.3
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.47	U	0.47	< 0.51	U	0.51	< 0.47	U	0.47	< 4.9	U	4.9
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.25	U	0.25	< 0.26	U	0.26	< 0.24	U	0.24	< 6.2	U	6.2
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.2	U	1.2	< 1.3	U	1.3	< 1.2	U	1.2	< 9.1	U	9.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.15	U	0.15	< 0.16	U	0.16	< 0.15	U	0.15	< 4.7	U	4.7
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.3	U	1.3	< 1.4	U	1.4	< 1.3	U	1.3	< 47	U	47
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.29	U	0.29	< 0.31	U	0.31	< 0.29	U	0.29	< 5.2	U	5.2
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.41	U	0.41	< 0.44	U	0.44	< 0.4	U	0.4	< 9.1	U	9.1
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 2.9	B	2.9	1.8	J	0.68	< 0.89	B	0.89	< 150	B	150
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.14	U	0.14	< 0.15	U	0.15	< 0.14	U	0.14	< 26	U	26
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.49	U	0.49	< 0.53	U	0.53	< 0.48	U	0.48	< 8.2	U	8.2
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.26	U	0.26	< 0.27	U	0.27	< 0.25	U	0.25	< 8.3	U	8.3
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.39	U	0.39	< 0.42	U	0.42	< 0.38	U	0.38	< 10	U	10
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.51	U	0.51	< 0.55	U	0.55	< 0.5	U	0.5	< 4.9	U	4.9
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.4	U	0.4	< 0.43	U	0.43	< 0.39	U	0.39	< 11	U	11
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.32	U	0.32	< 0.34	U	0.34	< 0.32	U	0.32	< 7.6	U	7.6
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.37	U	0.37	< 0.39	U	0.39	< 0.36	U	0.36	< 15	U	15
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	3.1	J	0.63	< 0.68	U	0.68	< 0.62	U	0.62	< 14	U	14
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3	U	3	< 3.2	U	3.2	< 3.1	U	3.1	< 6.2	U	6.2
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3	U	3	< 3.2	U	3.2	< 3	U	3	< 6.1	U	6.1
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.1	U	1.1	< 1.2	U	1.2	< 1.1	U	1.1	< 2.2	U	2.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 1.7	U	1.7	< 1.6	U	1.6	< 3.2	U	3.2
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 44	U	44	< 46	U	46	< 44	U	44	< 89	U	89
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 1.9	U	1.9	< 2	U	2	< 1.9	U	1.9	< 3.9	U	3.9
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.4	U	2.4	< 2.5	U	2.5	< 2.4	U	2.4	< 4.9	U	4.9
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.1	U	2.1	< 2.3	U	2.3	< 2.2	U	2.2	< 4.4	U	4.4

TABLE 8-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:				PADEP MSCs Non-Residential			SB-N12E1			SB-N12N1			SB-N12S1			SB-N12W1		
	Sample Date:							05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 1.9	U	1.9	< 2	U	2	< 1.9	U	1.9	< 3.8	U	3.8
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2	U	2	< 2.2	U	2.2	2.2	J	2.1	< 4.2	U	4.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3	< 4.7	U	4.7
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 4.5	U	4.5
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 2.9	U	2.9	< 3.1	U	3.1	< 3	U	3	< 6	U	6
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.3	U	8.3	< 8.8	U	8.8	< 8.4	U	8.4	< 17	U	17
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.2	U	3.2	< 3.3	U	3.3	< 3.2	U	3.2	< 6.5	U	6.5
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 28	U	28	< 26	U	26	< 53	U	53
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.8	U	1.8	< 1.7	U	1.7	< 3.4	U	3.4
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.2	U	2.2	< 2.4	U	2.4	< 2.3	U	2.3	< 4.6	U	4.6
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.2	U	3.2	< 3.4	U	3.4	< 3.2	U	3.2	< 6.5	U	6.5
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.9	U	1.9	< 1.8	U	1.8	< 3.7	U	3.7
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3	< 4.7	U	4.7
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6	< 3.2	U	3.2
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 2.9	U	2.9	< 3	U	3	< 2.9	U	2.9	< 5.9	U	5.9
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 1.9	U	1.9	< 2	U	2	2.6	J	1.9	< 3.9	U	3.9
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.1	U	2.1	< 2.3	U	2.3	< 2.2	U	2.2	< 4.4	U	4.4
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.2	U	2.2	< 2.4	U	2.4	< 2.3	U	2.3	< 4.6	U	4.6
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1	< 4.3	U	4.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.5	U	2.5	< 2.7	U	2.7	< 2.6	U	2.6	< 5.2	U	5.2
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.9	U	3.9	< 4.1	U	4.1	< 3.9	U	3.9	< 8	U	8
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5	99		3
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.1	U	1.1	< 1.2	U	1.2	< 1.1	U	1.1	23		2.3
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.4	U	1.4	< 1.5	U	1.5	< 1.4	U	1.4	16		2.9
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3	24		2.6
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2	< 2.4	U	2.4
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2	U	2	< 2.1	U	2.1	< 2	U	2	< 4.2	U	4.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.8	U	1.8	< 1.7	U	1.7	< 3.5	U	3.5
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.83	U	0.83	< 0.88	U	0.88	< 0.84	U	0.84	< 1.7	U	1.7
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 4.5	U	4.5
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	15	J	2.8	26	J	3	22	J	2.8	< 5.8	U	5.8
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	14	J	3	< 3.1	U	3.1	< 3	U	3	< 6.1	U	6.1
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	32	J	7	17	J	7.4	11	J	7	< 14	U	14
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.5	U	1.5	< 1.6	U	1.6	< 1.5	U	1.5	< 3.1	U	3.1
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5	< 3	U	3
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.3	U	2.3	< 2.5	U	2.5	< 2.4	U	2.4	5.8	J	4.8
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2.2	J	2	2.8	J	2.2	3.6	J	2.1	< 4.2	U	4.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.3	U	3.3	< 3.5	U	3.5	< 3.3	U	3.3	< 6.7	U	6.7
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1	< 4.3	U	4.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6.1	U	6.1	< 6.5	U	6.5	< 6.2	U	6.2	< 13	U	13

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N12E1			SB-N12N1			SB-N12S1			SB-N12W1		
	Sample Date:		PADEP MSCs Non-Residential					05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				6			6			6			6		
	End Depth:		Subsurface Soil					8			8			8			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.6	U	2.6	< 2.7	U	2.7	< 2.6	U	2.6	< 5.3	U	5.3
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.4	U	2.4	< 2.5	U	2.5	< 2.4	U	2.4	< 4.9	U	4.9
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.8	U	1.8	< 1.9	U	1.9	< 1.8	U	1.8	< 3.7	U	3.7
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 4.5	U	4.5
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3	< 4.6	U	4.6
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.7	U	1.7	< 1.8	U	1.8	< 1.7	U	1.7	< 3.5	U	3.5
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 3.4	U	3.4
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.3	U	1.3	< 1.4	U	1.4	< 1.3	U	1.3	9.6	J	2.7
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1	< 4.2	U	4.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	< 1.8	U	1.8	< 1.9	U	1.9	2.7	J	1.8	< 3.7	U	3.7
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.92	U	0.92	< 0.97	U	0.97	< 0.93	U	0.93	< 1.9	U	1.9
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.9	U	0.9	< 0.96	U	0.96	< 0.91	U	0.91	< 1.8	U	1.8
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2	U	2	< 2.1	U	2.1	< 2	U	2	< 4.1	U	4.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.7	U	2.7	< 2.9	U	2.9	< 2.8	U	2.8	< 5.6	U	5.6
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	5	J	1.8	6.1	J	1.9	5.7	J	1.8	< 3.6	U	3.6
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.2	U	2.2	< 2.4	U	2.4	< 2.2	U	2.2	< 4.6	U	4.6
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3	62		4.6

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *Italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N14			SB-N15			SB-N15			SB-N15		
	Sample Date:							05/14/2008			05/15/2008			05/15/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			2			4			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			4			6			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	7,940		0.27	NA	NA	NA	NA	NA	NA	7,620		0.27
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	< 0.035	B	0.035	NA	NA	NA	NA	NA	NA	< 0.067	B	0.067
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	7.4		0.019	NA	NA	NA	NA	NA	NA	7.1		0.019
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	34.7		0.0089	NA	NA	NA	NA	NA	NA	20.6		0.0089
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.29		0.0043	NA	NA	NA	NA	NA	NA	0.36		0.0043
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.13		0.011	NA	NA	NA	NA	NA	NA	< 0.14	B	0.14
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,050		2.1	NA	NA	NA	NA	NA	NA	14,100		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	11.8		0.0093	NA	NA	NA	NA	NA	NA	11.9		0.0092
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	6.3		0.0029	NA	NA	NA	NA	NA	NA	10.1		0.0029
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	13.7		0.0098	NA	NA	NA	NA	NA	NA	11.2		0.0098
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	18,500		0.33	NA	NA	NA	NA	NA	NA	15,900		0.33
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	9.2		0.0039	NA	NA	NA	NA	NA	NA	9.2		0.0039
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,270		0.44	NA	NA	NA	NA	NA	NA	5,870		0.44
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	461		0.017	NA	NA	NA	NA	NA	NA	447		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	15.2		0.0079	NA	NA	NA	NA	NA	NA	18.7		0.0078
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	890		1.1	NA	NA	NA	NA	NA	NA	1,500		1.1
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.47	J	0.047	NA	NA	NA	NA	NA	NA	0.91		0.047
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.012	J	0.0028	NA	NA	NA	NA	NA	NA	< 0.028	B	0.028
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	37.7		0.84	NA	NA	NA	NA	NA	NA	76.6		0.84
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.091	J	0.0023	NA	NA	NA	NA	NA	NA	0.12		0.0023
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	12.6		0.0067	NA	NA	NA	NA	NA	NA	13.5		0.0067
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	42.3		0.014	NA	NA	NA	NA	NA	NA	33.7		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.011	J	0.0082	NA	NA	NA	NA	NA	NA	0.012	J	0.0082
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.12	B	0.12	NA	NA	NA	NA	NA	NA	< 0.19	B	0.19
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.26	U	0.26
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	U	0.2
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.29	U	0.29
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	U	0.2
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.44	U	0.44
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	U	0.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N14			SB-N15			SB-N15			SB-N15		
	Sample Date:							05/14/2008			05/15/2008			05/15/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			2			4			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			4			6			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	U	0.31
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	U	0.15
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	U	0.24
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.27	U	0.27
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	J	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	U	0.8
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 13	U	13
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.7	U	3.7
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.3	U	3.3
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.1	U	3.1
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	93		2.7
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.7	U	2.7
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	NA	NA	NA	< 490	U	490	< 51000	U	51000	< 48	U	48
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	NA	NA	NA	< 540	U	540	< 57000	U	57000	< 54	U	54
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	NA	NA	NA	< 510	U	510	< 54000	U	54000	< 50	U	50
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	NA	NA	NA	< 470	U	470	< 49000	U	49000	< 46	U	46
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	NA	NA	NA	< 560	U	560	< 59000	U	59000	< 55	U	55
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	NA	NA	NA	< 490	U	490	< 52000	U	52000	< 49	U	49
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	NA	NA	NA	< 400	U	400	< 42000	U	42000	< 40	U	40
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	NA	NA	NA	< 500	U	500	< 52000	U	52000	< 49	U	49
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	NA	NA	NA	< 530	U	530	< 55000	U	55000	< 52	U	52
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	NA	NA	NA	< 520	U	520	< 55000	U	55000	< 52	U	52
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	NA	NA	NA	< 530	U	530	< 56000	U	56000	< 52	U	52
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	NA	NA	NA	< 500	U	500	< 53000	U	53000	< 50	U	50
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	NA	NA	NA	< 530	U	530	< 56000	U	56000	< 52	U	52
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	NA	NA	NA	< 470	U	470	< 49000	U	49000	< 46	U	46
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 380	U	380	< 40000	U	40000	< 37	U	37
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	NA	NA	NA	< 420	U	420	< 44000	U	44000	< 41	U	41
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	NA	NA	NA	< 570	U	570	< 60000	U	60000	< 56	U	56

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N14			SB-N15			SB-N15			SB-N15		
	Sample Date:							05/14/2008			05/15/2008			05/15/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			2			4			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			4			6			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	NA	NA	NA	< 500	U	500	< 52000	U	52000	< 49	U	49
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	NA	NA	NA	< 470	U	470	< 49000	U	49000	< 46	U	46
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	NA	NA	NA	< 490	U	490	< 51000	U	51000	< 48	U	48
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	NA	NA	NA	< 610	U	610	< 64000	U	64000	< 60	U	60
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	NA	NA	NA	< 590	U	590	< 62000	U	62000	< 58	U	58
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	NA	NA	NA	< 430	U	430	< 45000	U	45000	< 42	U	42
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	NA	NA	NA	< 530	U	530	< 56000	U	56000	< 52	U	52
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	NA	NA	NA	< 690	U	690	< 72000	U	72000	< 68	U	68
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	NA	NA	NA	< 510	U	510	< 53000	U	53000	< 50	U	50
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	NA	NA	NA	< 530	U	530	< 56000	U	56000	< 52	U	52
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	NA	NA	NA	< 520	U	520	< 54000	U	54000	< 51	U	51
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 430	U	430	< 45000	U	45000	< 42	U	42
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 480	U	480	< 50000	U	50000	< 47	U	47
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	NA	NA	NA	< 440	U	440	< 47000	U	47000	< 44	U	44
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	NA	NA	NA	< 610	U	610	< 64000	U	64000	< 60	U	60
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	NA	NA	NA	14,000		570	2,500,000		59000	2,600		56
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	NA	NA	NA	< 590	U	590	< 62000	U	62000	< 58	U	58
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	NA	NA	NA	< 510	U	510	< 54000	U	54000	< 51	U	51
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	NA	NA	NA	< 510	U	510	< 53000	U	53000	< 50	U	50
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 540	U	540	< 56000	U	56000	< 53	U	53
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	NA	NA	NA	< 440	U	440	< 46000	U	46000	< 44	U	44
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	NA	NA	NA	< 370	U	370	< 39000	U	39000	130	J	36
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	NA	NA	NA	< 530	U	530	< 56000	U	56000	< 53	U	53
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	NA	NA	NA	< 620	U	620	< 65000	U	65000	< 61	U	61
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	NA	NA	NA	< 380	U	380	< 40000	U	40000	< 37	U	37
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	NA	NA	NA	< 560	U	560	< 59000	U	59000	< 55	U	55
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 420	U	420	< 44000	U	44000	< 41	U	41
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	NA	NA	NA	< 540	U	540	< 56000	U	56000	< 53	U	53
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	NA	NA	NA	< 780	U	780	< 82000	U	82000	< 77	U	77
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	NA	NA	NA	< 530	U	530	< 56000	U	56000	< 53	U	53
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	NA	NA	NA	69,000		1700	12,000,000		180000	9,500		170
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	NA	NA	NA	< 31	U	31	< 66	U	66	< 3.1	U	3.1
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	NA	NA	NA	< 30	U	30	< 65	U	65	< 3.1	U	3.1
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	NA	NA	NA	< 11	U	11	< 24	U	24	< 1.1	U	1.1
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	NA	NA	NA	870		16	470	J	35	720		1.6
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	NA	NA	NA	< 440	U	440	< 950	U	950	< 45	U	45
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	NA	NA	NA	< 19	U	19	< 41	U	41	< 2	U	2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	NA	NA	NA	< 24	U	24	< 52	U	52	< 2.4	U	2.4
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	NA	NA	NA	< 22	U	22	< 46	U	46	< 2.2	U	2.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N14			SB-N15			SB-N15			SB-N15		
	Sample Date:		Non-Residential					05/14/2008			05/15/2008			05/15/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			2			4			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			4			6			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	NA	NA	NA	< 19	U	19	< 40	U	40	< 1.9	U	1.9
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	NA	NA	NA	120		21	98	J	44	32		2.1
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	NA	NA	NA	< 23	U	23	< 50	U	50	< 2.4	U	2.4
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	NA	NA	NA	< 22	U	22	< 48	U	48	< 2.3	U	2.3
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	NA	NA	NA	< 30	U	30	< 64	U	64	< 3	U	3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	NA	NA	NA	< 84	U	84	< 180	U	180	< 8.5	U	8.5
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	NA	NA	NA	< 32	U	32	< 69	U	69	< 3.3	U	3.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 260	U	260	< 570	U	570	< 27	U	27
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 17	U	17	< 36	U	36	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	NA	NA	NA	< 23	U	23	< 49	U	49	< 2.3	U	2.3
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	NA	NA	NA	< 32	U	32	< 69	U	69	< 3.3	U	3.3
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 18	U	18	< 40	U	40	< 1.9	U	1.9
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	NA	NA	NA	< 23	U	23	< 50	U	50	32	J	2.4
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	NA	NA	NA	< 16	U	16	< 34	U	34	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	NA	NA	NA	< 29	U	29	< 63	U	63	< 3	U	3
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	NA	NA	NA	< 19	U	19	< 42	U	42	7.6	J	2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	NA	NA	NA	< 22	U	22	< 47	U	47	3.1	J	2.2
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	NA	NA	NA	6,400		23	< 49	U	49	940		2.3
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	NA	NA	NA	< 21	U	21	< 46	U	46	12		2.2
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	NA	NA	NA	< 26	U	26	< 55	U	55	< 2.6	U	2.6
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 40	U	40	< 85	U	85	< 4	U	4
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	NA	NA	NA	50	J	15	< 32	U	32	25		1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	NA	NA	NA	30	J	11	64	J	25	18		1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	NA	NA	NA	84		14	98	J	31	32		1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	NA	NA	NA	32	J	13	48	J	27	22		1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	NA	NA	NA	< 12	U	12	< 26	U	26	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	NA	NA	NA	< 21	U	21	< 44	U	44	4.3	J	2.1
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 17	U	17	< 37	U	37	< 1.8	U	1.8
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	NA	NA	NA	< 8.4	U	8.4	< 18	U	18	< 0.85	U	0.85
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	NA	NA	NA	< 22	U	22	< 48	U	48	< 2.3	U	2.3
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	NA	NA	NA	780		29	1,000		61	150		2.9
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	NA	NA	NA	41	J	30	< 64	U	64	18	J	3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 71	U	71	< 150	U	150	< 7.2	U	7.2
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	NA	NA	NA	< 15	U	15	< 33	U	33	6	J	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	NA	NA	NA	70	J	15	73	J	32	25		1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	NA	NA	NA	< 24	U	24	< 51	U	51	3.3	J	2.4
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 21	U	21	< 44	U	44	8.6	J	2.1
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	NA	NA	NA	< 33	U	33	< 72	U	72	< 3.4	U	3.4
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 21	U	21	< 45	U	45	< 2.1	U	2.1
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	NA	NA	NA	< 62	U	62	< 130	U	130	19	J	6.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N14			SB-N15			SB-N15			SB-N15		
	Sample Date:							05/14/2008			05/15/2008			05/15/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				S			2			4			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			4			6			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	NA	NA	NA	< 26	U	26	58	J	56	< 2.6	U	2.6
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	NA	NA	NA	130		24	140	J	52	66		2.4
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	NA	NA	NA	58	J	18	77	J	39	8.5		1.8
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	NA	NA	NA	< 22	U	22	< 48	U	48	< 2.3	U	2.3
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	NA	NA	NA	< 23	U	23	< 49	U	49	< 2.3	U	2.3
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	NA	NA	NA	< 17	U	17	< 37	U	37	< 1.7	U	1.7
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	NA	NA	NA	< 17	U	17	< 36	U	36	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	NA	NA	NA	32	J	13	47	J	28	15		1.3
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	NA	NA	NA	< 21	U	21	< 45	U	45	< 2.1	U	2.1
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	NA	NA	NA	430		18	420		39	110		1.8
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	NA	NA	NA	< 9.3	U	9.3	< 20	U	20	< 0.94	U	0.94
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	NA	NA	NA	< 9.1	U	9.1	< 20	U	20	< 0.93	U	0.93
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	NA	NA	NA	< 20	U	20	< 43	U	43	< 2.1	U	2.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	NA	NA	NA	< 28	U	28	< 60	U	60	6.4	J	2.8
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	NA	NA	NA	110		18	100	J	38	54		1.8
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	NA	NA	NA	< 22	U	22	< 48	U	48	< 2.3	U	2.3
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	NA	NA	NA	81		23	89	J	49	43		2.3

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1506-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N15			SB-N15E1			SB-N15N1			SB-N15N1		
	Sample Date:		Non-Residential					05/15/2008			05/27/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			6			4			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			8			6			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	7,210		0.27	8,730		0.27	NA	NA	NA
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	NA	NA	NA	0.06	L	0.0038	0.16	L	0.0038	NA	NA	NA
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	NA	NA	NA	6.5	L	0.019	13	K	0.019	NA	NA	NA
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	NA	NA	NA	27.6		0.0089	55.4	L	0.0089	NA	NA	NA
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	NA	NA	NA	0.39		0.0043	0.44	L	0.0043	NA	NA	NA
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	NA	NA	NA	0.11	J	0.011	0.17		0.011	NA	NA	NA
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	1,290		2.1	1,850		2.1	NA	NA	NA
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	NA	NA	NA	12.1		0.0093	14.1	K	0.0093	NA	NA	NA
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	NA	NA	NA	9.6		0.0029	15.9		0.0029	NA	NA	NA
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	NA	NA	NA	14.5		0.0098	12.8		0.0098	NA	NA	NA
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	20,000		0.33	24,400		0.33	NA	NA	NA
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	NA	NA	NA	11.8		0.0039	12.1		0.0039	NA	NA	NA
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	2,330		0.44	2,810	L	0.44	NA	NA	NA
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	206	K	0.017	481		0.017	NA	NA	NA
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	NA	NA	NA	18.6		0.0079	24.7		0.0079	NA	NA	NA
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	1,220		1.1	1,530		1.2	NA	NA	NA
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	NA	NA	NA	0.71	L	0.047	0.22	L	0.047	NA	NA	NA
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	NA	NA	NA	0.015	J	0.0028	0.024	J	0.0028	NA	NA	NA
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	69.6		0.84	79.5		0.84	NA	NA	NA
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	NA	NA	NA	0.094	J	0.0023	0.14		0.0023	NA	NA	NA
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	NA	NA	NA	14.4		0.0067	15.2		0.0067	NA	NA	NA
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	NA	NA	NA	49.8		0.014	50.4	K	0.014	NA	NA	NA
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	NA	NA	NA	0.018	J	0.0082	0.0091	J	0.0082	NA	NA	NA
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	NA	NA	NA	< 0.15	B	0.15	< 0.15	B	0.15	NA	NA	NA
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	< 0.12	U	0.12	< 0.11	U	0.11	NA	NA	NA
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	< 0.26	U	0.26	< 0.26	U	0.26	NA	NA	NA
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	< 0.21	U	0.21	< 0.2	U	0.2	NA	NA	NA
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	< 0.29	U	0.29	< 0.29	U	0.29	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.12	U	0.12	< 0.12	U	0.12	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	< 0.2	U	0.2	0.44	J	0.2	NA	NA	NA
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	< 0.23	U	0.23	< 0.22	U	0.22	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.44	U	0.44	< 0.44	U	0.44	NA	NA	NA
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N15			SB-N15E1			SB-N15N1			S8-N15N1		
	Sample Date:		PADEP MSCs					05/15/2008			05/27/2008			05/28/2008			05/28/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			6			4			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			8			6			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.31	U	0.31	0.85	J	0.31	NA	NA	NA
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	< 0.15	U	0.15	< 0.15	U	0.15	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.24	U	0.24	< 0.24	U	0.24	NA	NA	NA
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.22	U	0.22	< 0.22	U	0.22	NA	NA	NA
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	NA	NA	NA	0.33	J	0.27	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	3.2		0.2	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.25	U	0.25	< 0.24	U	0.24	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	< 0.8	U	0.8	< 0.79	U	0.79	NA	NA	NA
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	< 13	U	13	< 13	U	13	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	< 2.9	U	2.9	< 2.8	U	2.8	NA	NA	NA
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	< 3.7	U	3.7	< 3.6	U	3.6	NA	NA	NA
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	< 3.3	U	3.3	< 3.3	U	3.3	NA	NA	NA
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	< 3.1	U	3.1	< 3.1	U	3.1	NA	NA	NA
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	< 1.8	U	1.8	< 1.8	U	1.8	NA	NA	NA
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	170		2.7	250		2.7	NA	NA	NA
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	< 2.7	U	2.7	< 2.7	U	2.7	NA	NA	NA
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 5400	U	5400	< 410	U	410	< 210	U	210	< 62	U	62
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 6000	U	6000	< 360	U	360	< 180	U	180	< 54	U	54
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 5600	U	5600	< 430	U	430	< 210	U	210	< 65	U	65
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 5100	U	5100	< 320	U	320	< 160	U	160	< 48	U	48
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 6200	U	6200	< 360	U	360	< 180	U	180	< 54	U	54
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 5400	U	5400	< 520	U	520	< 260	U	260	< 78	U	78
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 4400	U	4400	< 2600	U	2600	< 1300	U	1300	< 390	U	390
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 5500	U	5500	< 430	U	430	< 210	U	210	< 65	U	65
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 5800	U	5800	< 740	U	740	< 370	U	370	< 110	U	110
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 5800	U	5800	< 400	U	400	< 200	U	200	< 61	U	61
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 5800	U	5800	< 320	U	320	< 160	U	160	< 48	U	48
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 5500	U	5500	< 310	U	310	< 160	U	160	< 47	U	47
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 5900	U	5900	< 340	U	340	< 170	U	170	< 52	U	52
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 5100	U	5100	< 2100	U	2100	< 1100	U	1100	< 320	U	320
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4200	U	4200	< 1000	U	1000	< 520	U	520	< 160	U	160
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 4600	U	4600	< 480	U	480	< 240	U	240	< 72	U	72
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 6300	U	6300	< 4300	U	4300	< 5600	B	5600	< 1800	B	1800

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N15			SB-N15E1			SB-N15N1			SB-N15N1		
	Sample Date:							05/15/2008			05/27/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			6			4			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			8			6			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 5500	U	5500	< 280	U	280	< 290	B	290	< 110	B	110
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 5100	U	5100	< 520	U	520	< 260	U	260	< 78	U	78
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 5400	U	5400	< 570	U	570	< 280	U	280	< 85	U	85
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 6700	U	6700	< 1100	U	1100	890	J	540	480	J	160
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 6500	U	6500	< 870	U	870	< 430	U	430	< 130	U	130
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 4700	U	4700	< 520	U	520	< 260	U	260	< 78	U	78
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 5900	U	5900	< 270	U	270	< 140	U	140	< 41	U	41
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 7600	U	7600	< 2800	U	2800	< 1400	U	1400	< 420	U	420
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 5600	U	5600	< 520	U	520	< 260	U	260	< 78	U	78
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 5800	U	5800	< 230	U	230	< 110	U	110	< 34	U	34
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 5700	U	5700	< 610	U	610	< 300	U	300	< 91	U	91
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4700	U	4700	< 240	U	240	< 120	U	120	< 36	U	36
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 5300	U	5300	< 330	U	330	< 170	U	170	< 50	U	50
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 4900	U	4900	< 300	U	300	< 150	U	150	< 45	U	45
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 6700	U	6700	< 230	U	230	< 120	U	120	< 35	U	35
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	250,000		6200	93,000		300	43,000		150	2,000		44
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 6500	U	6500	< 430	U	430	< 220	U	220	< 65	U	65
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 5600	U	5600	1,200	J	220	1,200	J	110	4,200		33
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 5600	U	5600	< 2300	U	2300	< 1100	U	1100	< 340	U	340
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 5900	U	5900	< 250	U	250	< 120	U	120	< 37	U	37
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 4900	U	4900	< 430	U	430	< 220	U	220	< 65	U	65
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 4000	U	4000	< 4300	U	4300	< 2100	U	2100	< 650	U	650
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 5900	U	5900	< 1200	U	1200	< 610	U	610	< 180	U	180
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 6900	U	6900	< 390	U	390	< 190	U	190	< 59	U	59
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 4200	U	4200	< 400	U	400	320	J	200	100	J	59
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 6100	U	6100	< 480	U	480	< 240	U	240	< 72	U	72
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4600	U	4600	< 230	U	230	< 120	U	120	< 35	U	35
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 5900	U	5900	< 520	U	520	< 260	U	260	< 78	U	78
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 8500	U	8500	< 360	U	360	< 180	U	180	< 54	U	54
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 5900	U	5900	< 700	U	700	< 350	U	350	< 100	U	100
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	#####		19000	450,000		650	290,000		320	6,900		98
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.1	U	3.1	< 16	U	16	< 3.2	U	3.2	< 3.3	U	3.3
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.1	U	3.1	< 15	U	15	< 3.1	U	3.1	< 3.2	U	3.2
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.1	U	1.1	< 5.7	U	5.7	< 1.1	U	1.1	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	460		1.6	790		8.2	550		1.7	220		1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 45	U	45	< 230	U	230	< 45	U	45	< 47	U	47
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2	U	2	< 9.9	U	9.9	< 2	U	2	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.5	U	2.5	< 12	U	12	< 2.5	U	2.5	< 2.6	U	2.6
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.2	U	2.2	< 11	U	11	< 2.2	U	2.2	< 2.3	U	2.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N15			SB-N1SE1			SB-N15N1			SB-N15N1		
	Sample Date:							05/15/2008			05/27/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			6			4			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			8			6			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 1.9	U	1.9	< 9.6	U	9.6	< 1.9	U	1.9	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	11		2.1	41		11	15		2.1	23		2.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.4	U	2.4	< 12	U	12	< 2.4	U	2.4	< 2.5	U	2.5
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.3	U	2.3	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3	U	3	< 15	U	15	< 3.1	U	3.1	< 3.2	U	3.2
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.6	U	8.6	< 43	U	43	< 8.6	U	8.6	< 9	U	9
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.3	U	3.3	< 16	U	16	< 3.3	U	3.3	< 3.4	U	3.4
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 27	U	27	< 140	U	140	< 27	U	27	< 28	U	28
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 8.6	U	8.6	< 1.7	U	1.7	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.3	U	2.3	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.3	U	3.3	< 17	U	17	< 3.3	U	3.3	< 3.4	U	3.4
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 9.5	U	9.5	< 1.9	U	1.9	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	14	J	2.4	< 12	U	12	< 2.4	U	2.4	< 2.5	U	2.5
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.6	U	1.6	< 8.1	U	8.1	< 1.6	U	1.6	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3	U	3	< 15	U	15	< 3	U	3	< 3.1	U	3.1
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2	U	2	< 10	U	10	11		2	8.6		2.1
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.2	U	2.2	< 11	U	11	4.1	J	2.2	< 2.3	U	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	330		2.3	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	2.5	J	2.2	< 11	U	11	18		2.2	4.9	J	2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.6	U	2.6	< 13	U	13	< 2.6	U	2.6	< 2.8	U	2.8
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4	U	4	< 20	U	20	< 4.1	U	4.1	< 4.2	U	4.2
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	7.5	J	1.5	14	J	7.6	37		1.5	8.6		1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	4.8	J	1.2	< 5.9	U	5.9	26		1.2	6.4	J	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	8.9		1.5	25	J	7.4	47		1.5	13		1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	5.3	J	1.3	< 6.5	U	6.5	21		1.3	11		1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.2	U	1.2	< 6.1	U	6.1	< 1.2	U	1.2	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	2.7	J	2.1	< 11	U	11	3.1	J	2.1	3.9	J	2.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 8.9	U	8.9	< 1.8	U	1.8	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.86	U	0.86	< 4.3	U	4.3	< 0.86	U	0.86	< 0.9	U	0.9
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.3	U	2.3	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	76		2.9	120	J	15	170		2.9	95		3.1
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	11	J	3.1	28	J	15	< 3.1	U	3.1	< 3.2	U	3.2
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 7.2	U	7.2	< 36	U	36	20	J	7.3	< 7.6	U	7.6
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.6	U	1.6	< 7.9	U	7.9	4.2	J	1.6	2.2	J	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	8.6		1.5	17	J	7.6	33		1.5	9.5		1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.4	U	2.4	< 12	U	12	5.3	J	2.4	< 2.5	U	2.5
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.5	J	2.1	12	J	11	12	J	2.1	11	J	2.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.4	U	3.4	< 17	U	17	< 3.4	U	3.4	< 3.6	U	3.6
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 11	U	11	< 2.2	U	2.2	< 2.3	U	2.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	8.8	J	6.3	< 32	U	32	9.4	J	6.4	< 6.6	U	6.6

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N1S			SB-N15E1			SB-N15N1			SB-N15N1		
	Sample Date:		PADEP MSCs					05/15/2008			05/27/2008			05/28/2008			05/28/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			6			4			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			8			6			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.7	U	2.7	< 13	U	13	< 2.7	U	2.7	< 2.8	U	2.8
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	14		2.5	42		12	92		2.5	20		2.6
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.8	U	1.8	< 9.3	U	9.3	18		1.9	11		1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.3	U	2.3	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.3	U	2.3	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.7	U	1.7	< 8.8	U	8.8	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.7	U	1.7	< 8.6	U	8.6	< 1.7	U	1.7	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	4.4	J	1.4	< 6.8	U	6.8	18		1.4	4.8	J	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.1	U	2.1	< 11	U	11	< 2.1	U	2.1	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	35		1.8	190		9.3	25		1.9	83		1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.95	U	0.95	< 4.8	U	4.8	< 0.96	U	0.96	< 0.99	U	0.99
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.93	U	0.93	< 4.7	U	4.7	< 0.94	U	0.94	< 0.98	U	0.98
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.1	U	2.1	< 10	U	10	< 2.1	U	2.1	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.8	U	2.8	< 14	U	14	< 2.9	U	2.9	< 3	U	3
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	14		1.8	47		9.2	87		1.8	31		1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.3	U	2.3	< 12	U	12	< 2.3	U	2.3	< 2.4	U	2.4
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	12		2.3	29	J	12	74		2.3	19		2.4

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				SB-N16			SB-N17			SB-N18			SB-N19			SB-N19		
	Sample Date:							05/15/2008			05/15/2008			05/20/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO			SO		
	Sample Type Code:							N			N			N			FD			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			17			6			2			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			19			8			4			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																						
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	9,140		0.4	7,650		0.35	9,280		0.29	6,170		0.27	6,220		0.27
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.26	L	0.0056	0.4	L	0.0049	0.34		0.0041	3	J	0.0038	0.52	J	0.0038
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	5.9		0.028	5.9		0.024	11.8	K	0.02	11	J	0.019	8.2	J	0.019
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	90.7		0.013	75.1		0.011	55.7	K	0.0095	67.7		0.0089	42.6		0.0088
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.47		0.0063	0.45		0.0055	0.67		0.0046	0.32	L	0.0043	0.27	L	0.0042
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.43		0.015	0.31		0.013	0.24		0.011	0.55	J	0.011	0.15	J	0.01
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	53,100		3	128,000		2.6	1,160	L	2.2	1,400		2.1	1,280		2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	43.3		0.014	13.8		0.012	16.1		0.0099	36.2	K	0.0093	11.1	K	0.0092
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	8.5		0.0043	7.9		0.0037	8.1	K	0.0031	9.9		0.0029	7.2		0.0029
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	16.3	K	0.014	16.4	K	0.013	12		0.011	39.6		0.0099	15.3		0.0097
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	27,700		0.49	18,700		0.43	31,200		0.36	48,700		1.7	23,100		0.33
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	29.4		0.0058	18.6		0.005	15.9		0.0042	469	J	0.0039	55.8	J	0.0039
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3,830		0.65	7,360		0.56	2,070		0.47	1,370	L	0.44	1,200	L	0.44
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	266		0.025	361		0.021	354		0.018	1,100		0.017	523		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	22.8		0.012	17.9		0.01	17.8	J	0.0084	25.1		0.0079	16.5		0.0078
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	558		1.7	956		1.5	679		1.2	618		1.2	584		1.1
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	1.1	L	0.069	0.77	L	0.06	0.51	J	0.05	0.34	L	0.047	0.29	L	0.047
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.068	J	0.0041	0.056	J	0.0036	0.033	J	0.003	0.041	J	0.0028	0.02	J	0.0028
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	85.5		1.2	84.5		1.1	45.9	L	0.9	91.6	J	0.84	69.6	J	0.83
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.14	J	0.0034	0.15		0.003	0.11	J	0.0025	0.15		0.0023	0.12		0.0023
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	19.8		0.0099	16.9		0.0086	20.8	K	0.0072	16.4		0.0067	13.4		0.0067
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	120	J	0.02	43.4	J	0.017	59.1		0.014	161	K	0.014	55.9	K	0.013
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.023	J	0.012	0.018	J	0.011	0.04	J	0.0088	0.029	J	0.0082	0.034	J	0.0081
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.44	B	0.44	< 0.16	B	0.16	< 0.12	UJ	0.12	< 0.13	B	0.13	< 0.24	B	0.24
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																						
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.25	U	0.25	< 0.22	U	0.22	< 0.18	U	0.18	0.9	J	0.17	0.51	J	0.17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.17	U	0.17	< 0.15	U	0.15	< 0.12	U	0.12	< 0.12	U	0.12	< 0.11	U	0.11
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.38	U	0.38	< 0.33	U	0.33	< 0.28	U	0.28	< 0.26	U	0.26	< 0.26	U	0.26
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.3	U	0.3	< 0.26	U	0.26	< 0.22	U	0.22	< 0.21	U	0.21	< 0.2	U	0.2
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.43	U	0.43	< 0.37	U	0.37	< 0.31	U	0.31	< 0.3	U	0.3	< 0.29	U	0.29
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.17	U	0.17	< 0.15	U	0.15	< 0.13	U	0.13	< 0.12	U	0.12	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.29	U	0.29	< 0.25	U	0.25	< 0.21	U	0.21	< 0.2	U	0.2	< 0.2	U	0.2
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.33	U	0.33	< 0.29	U	0.29	< 0.24	U	0.24	< 0.23	U	0.23	< 0.22	U	0.22
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.65	U	0.65	< 0.56	U	0.56	< 0.48	U	0.48	< 0.45	U	0.45	< 0.44	U	0.44
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.3	U	0.3	< 0.26	U	0.26	< 0.22	U	0.22	< 0.2	U	0.2	< 0.2	U	0.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N16			SB-N17			SB-N18			SB-N19			SB-N19		
	Sample Date:		PADEP MSCs					05/15/2008			05/15/2008			05/20/2008			05/29/2008			05/29/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO			SO		
	Sample Type Code:							N			N			N			FD			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			17			6			2			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			19			8			4			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.21	U	0.21	< 0.18	U	0.18	< 0.15	U	0.15	< 0.14	U	0.14	< 0.14	U	0.14
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.46	U	0.46	< 0.4	U	0.4	< 0.33	U	0.33	< 0.31	U	0.31	< 0.31	U	0.31
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.22	U	0.22	< 0.2	U	0.2	< 0.16	U	0.16	< 0.15	U	0.15	< 0.15	U	0.15
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.36	U	0.36	< 0.31	U	0.31	< 0.26	U	0.26	< 0.25	U	0.25	< 0.24	U	0.24
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.33	U	0.33	< 0.28	U	0.28	< 0.24	U	0.24	< 0.23	U	0.23	< 0.22	U	0.22
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.39	U	0.39	< 0.34	U	0.34	< 0.29	U	0.29	< 0.27	U	0.27	< 0.26	U	0.26
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.29	U	0.29	< 0.25	U	0.25	< 0.21	U	0.21	< 0.2	U	0.2	< 0.19	U	0.19
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.36	U	0.36	< 0.31	U	0.31	< 0.26	U	0.26	< 0.25	U	0.25	< 0.24	U	0.24
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.28	U	0.28	< 0.25	U	0.25	< 0.21	U	0.21	< 0.19	U	0.19	< 0.19	U	0.19
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 1.2	U	1.2	< 1	U	1	< 0.86	U	0.86	< 0.8	U	0.8	< 0.79	U	0.79
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 20	U	20	< 17	U	17	< 14	U	14	< 13	U	13	< 13	U	13
PCBs																						
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 4.2	U	4.2	< 3.6	U	3.6	< 3.1	U	3.1	< 2.9	U	2.9	< 2.8	U	2.8
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 5.4	U	5.4	< 4.7	U	4.7	< 3.9	U	3.9	< 3.7	U	3.7	< 3.6	U	3.6
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 4.8	U	4.8	< 4.2	U	4.2	< 3.5	U	3.5	< 3.3	U	3.3	< 3.2	U	3.2
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 4.6	U	4.6	< 4	U	4	< 3.4	U	3.4	< 3.2	U	3.2	< 3.1	U	3.1
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2.7	U	2.7	< 2.3	U	2.3	< 1.9	U	1.9	< 1.8	U	1.8	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 4	U	4	< 3.5	U	3.5	< 2.9	U	2.9	< 2.8	U	2.8	< 2.7	U	2.7
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 4	U	4	< 3.5	U	3.5	< 2.9	U	2.9	< 2.8	U	2.8	< 2.7	U	2.7
Volatile Organic Compounds																						
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.81	U	0.81	< 0.66	U	0.66	< 0.51	U	0.51	< 0.57	U	0.57	< 0.55	U	0.55
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 1.2	U	1.2	< 0.97	U	0.97	< 0.75	U	0.75	< 0.35	U	0.35	< 0.33	U	0.33
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1.4	U	1.4	< 1.1	U	1.1	< 0.86	U	0.86	< 0.4	U	0.4	< 0.38	U	0.38
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.96	U	0.96	< 0.78	U	0.78	< 0.6	U	0.6	< 0.37	U	0.37	< 0.35	U	0.35
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.4	U	1.4	< 1.1	U	1.1	< 0.88	U	0.88	< 0.53	U	0.53	< 0.51	U	0.51
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.5	U	1.5	< 1.2	U	1.2	< 0.92	U	0.92	< 0.28	U	0.28	< 0.26	U	0.26
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1.2	U	1.2	< 1	U	1	< 0.78	U	0.78	< 1.3	U	1.3	< 1.3	U	1.3
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.4	U	1.4	< 1.2	U	1.2	< 0.9	U	0.9	< 0.51	U	0.51	< 0.49	U	0.49
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1.3	U	1.3	< 1.1	U	1.1	< 0.83	U	0.83	< 0.37	U	0.37	< 0.35	U	0.35
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 1	U	1	< 0.83	U	0.83	< 0.64	U	0.64	< 0.35	U	0.35	< 0.33	U	0.33
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.91	U	0.91	< 0.73	U	0.73	< 0.56	U	0.56	< 0.71	U	0.71	< 0.67	U	0.67
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 1.1	U	1.1	< 0.88	U	0.88	< 0.68	U	0.68	< 0.36	U	0.36	< 0.34	U	0.34
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 1.1	U	1.1	< 0.86	U	0.86	< 0.66	U	0.66	< 0.67	U	0.67	< 0.64	U	0.64
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.5	U	1.5	< 1.2	U	1.2	< 0.92	U	0.92	< 1.4	U	1.4	< 1.4	U	1.4
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.2	U	1.2	< 0.93	U	0.93	< 0.72	U	0.72	< 0.64	U	0.64	< 0.61	U	0.61
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 1.1	U	1.1	< 0.88	U	0.88	< 0.68	U	0.68	< 0.55	U	0.55	< 0.53	U	0.53
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	11	J	8.3	< 6.7	U	6.7	14	J	5.2	< 6.4	U	6.4	< 6.1	U	6.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

Sample Location:								SB-N16			SB-N17			SB-N18			SB-N19			SB-N19		
Sample Date:			PADEP MSCs Non-Residential					05/15/2008			05/15/2008			05/20/2008			05/29/2008			05/29/2008		
Matrix Code:								SO			SO			SO			SO			SO		
Sample Type Code:								N			N			N			FD			N		
Start Depth:			Direct Contact	Soil to Groundwater				12			17			6			2			2		
End Depth:			Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			19			8			4			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 1.1	U	1.1	< 0.91	U	0.91	< 0.7	U	0.7	< 0.24	U	0.24	< 0.22	U	0.22
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.94	U	0.94	< 0.76	U	0.76	< 0.58	U	0.58	< 0.29	U	0.29	< 0.27	U	0.27
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.74	U	0.74	< 0.6	U	0.6	< 0.46	U	0.46	< 0.34	U	0.34	< 0.32	U	0.32
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 1.2	U	1.2	< 1	U	1	< 0.77	U	0.77	< 0.55	U	0.55	< 0.53	U	0.53
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.85	U	0.85	< 0.69	U	0.69	< 0.53	U	0.53	< 0.45	U	0.45	< 0.43	U	0.43
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.74	U	0.74	< 0.6	U	0.6	< 0.46	U	0.46	< 0.38	U	0.38	< 0.36	U	0.36
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 1.3	U	1.3	< 1	U	1	< 0.79	U	0.79	< 0.34	U	0.34	< 0.32	U	0.32
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 2.6	U	2.6	< 2.1	U	2.1	< 1.6	U	1.6	< 0.88	U	0.88	< 0.84	U	0.84
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.97	U	0.97	< 0.79	U	0.79	< 0.61	U	0.61	< 0.3	U	0.3	< 0.28	U	0.28
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.4	U	1.4	< 1.1	U	1.1	< 0.89	U	0.89	< 0.42	U	0.42	< 0.4	U	0.4
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 1.2	U	1.2	< 0.95	U	0.95	< 0.73	U	0.73	< 0.37	U	0.37	< 0.35	U	0.35
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.1	U	1.1	< 0.91	U	0.91	< 0.7	U	0.7	< 0.35	U	0.35	< 0.33	U	0.33
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.62	U	0.62	< 0.5	U	0.5	< 0.39	U	0.39	< 0.34	U	0.34	< 0.32	U	0.32
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 1.2	U	1.2	< 0.96	U	0.96	< 0.74	U	0.74	< 0.56	U	0.56	< 0.54	U	0.54
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 1.1	U	1.1	< 0.9	U	0.9	< 0.69	U	0.69	< 0.51	U	0.51	< 0.49	U	0.49
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 1.1	U	1.1	< 0.87	U	0.87	< 0.67	U	0.67	< 0.27	U	0.27	< 0.25	U	0.25
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.8	U	1.8	< 1.4	U	1.4	< 1.1	U	1.1	< 1.3	U	1.3	< 1.3	U	1.3
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 1.1	U	1.1	< 0.91	U	0.91	< 0.71	U	0.71	< 0.16	U	0.16	< 0.16	U	0.16
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.5	U	1.5	< 1.2	U	1.2	< 0.94	U	0.94	< 1.4	U	1.4	< 1.4	U	1.4
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.2	U	1.2	< 0.98	U	0.98	< 0.75	U	0.75	< 0.32	U	0.32	< 0.3	U	0.3
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 1.2	U	1.2	< 1	U	1	< 0.78	U	0.78	< 0.44	U	0.44	< 0.42	U	0.42
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1.1	U	1.1	< 0.91	U	0.91	< 1.1	B	1.1	1.5	J	0.68	1.2	J	0.65
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.89	U	0.89	< 0.72	U	0.72	< 0.55	U	0.55	< 0.15	U	0.15	< 0.15	U	0.15
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 1.1	U	1.1	< 0.92	U	0.92	< 0.71	U	0.71	< 0.53	U	0.53	< 0.51	U	0.51
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 1.2	U	1.2	< 0.98	U	0.98	< 0.76	U	0.76	< 0.28	U	0.28	< 0.26	U	0.26
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.99	U	0.99	< 0.8	U	0.8	< 0.62	U	0.62	< 0.42	U	0.42	< 0.4	U	0.4
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1	U	1	< 0.81	U	0.81	< 0.62	U	0.62	< 0.55	U	0.55	< 0.53	U	0.53
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 1.1	U	1.1	< 0.89	U	0.89	< 0.68	U	0.68	< 0.43	U	0.43	< 0.41	U	0.41
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.5	U	1.5	< 1.2	U	1.2	< 0.95	U	0.95	< 0.35	U	0.35	< 0.33	U	0.33
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.78	U	0.78	< 0.63	U	0.63	< 0.49	U	0.49	< 0.4	U	0.4	< 0.38	U	0.38
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 3.7	U	3.7	< 3	U	3	< 2.3	U	2.3	0.87	J	0.68	< 0.65	U	0.65
Semivolatile Organic Compounds																						
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 47	U	47	< 4.1	U	4.1	< 3.4	U	3.4	< 3.1	U	3.1	< 3.1	U	3.1
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 46	U	46	< 4	U	4	< 3.3	U	3.3	< 3.1	U	3.1	< 3.1	U	3.1
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 17	U	17	< 1.5	U	1.5	< 1.2	U	1.2	< 1.1	U	1.1	< 1.1	U	1.1
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 24	U	24	< 2.1	U	2.1	< 1.8	U	1.8	< 1.6	U	1.6	< 1.6	U	1.6
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 670	U	670	< 58	U	58	< 48	U	48	< 45	U	45	< 45	U	45
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 29	U	29	< 2.5	U	2.5	< 2.1	U	2.1	< 2	U	2	< 2	U	2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 36	U	36	< 3.2	U	3.2	< 2.6	U	2.6	< 2.5	U	2.5	< 2.4	U	2.4
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 33	U	33	< 2.8	U	2.8	< 2.4	U	2.4	< 2.2	U	2.2	< 2.2	U	2.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N16			SB-N17			SB-N18			SB-N19			SB-N19		
	Sample Date:		Non-Residential					05/15/2008			05/15/2008			05/20/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO			SO		
	Sample Type Code:							N			N			N			FD			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			17			6			2			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			19			8			4			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 28	U	28	< 2.5	U	2.5	< 2.1	U	2.1	< 1.9	U	1.9	< 1.9	U	1.9
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 31	U	31	< 2.7	U	2.7	< 2.3	U	2.3	21		2.1	8.5		2.1
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 35	U	35	< 3.1	U	3.1	< 2.6	U	2.6	< 2.4	U	2.4	< 2.4	U	2.4
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 34	U	34	< 3	U	3	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 45	U	45	< 3.9	U	3.9	< 3.3	U	3.3	< 3	U	3	< 3	U	3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 130	U	130	< 11	U	11	< 9.2	U	9.2	< 8.6	U	8.6	< 8.5	U	8.5
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 48	U	48	< 4.2	U	4.2	< 3.5	U	3.5	< 3.3	U	3.3	< 3.3	U	3.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 400	U	400	< 35	U	35	< 29	U	29	< 27	U	27	< 27	U	27
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 25	U	25	< 2.2	U	2.2	< 1.8	U	1.8	< 1.7	U	1.7	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 34	U	34	< 3	U	3	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 49	U	49	< 4.2	U	4.2	< 3.5	U	3.5	< 3.3	U	3.3	< 3.3	U	3.3
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 28	U	28	< 2.4	U	2.4	< 2	U	2	< 1.9	U	1.9	< 1.9	U	1.9
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 35	U	35	3.5	J	3.1	3.3	J	2.6	< 2.4	U	2.4	< 2.4	U	2.4
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 24	U	24	< 2.1	U	2.1	< 1.7	U	1.7	< 1.6	U	1.6	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 44	U	44	< 3.8	U	3.8	< 3.2	U	3.2	< 3	U	3	< 3	U	3
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 29	U	29	7.4	J	2.6	< 2.1	U	2.1	< 2	U	2	< 2	U	2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 33	U	33	< 2.9	U	2.9	< 2.4	U	2.4	6.9	J	2.2	< 2.2	U	2.2
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 34	U	34	< 3	U	3	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 32	U	32	< 2.8	U	2.8	< 2.3	U	2.3	7.7		2.2	2.2	J	2.2
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 39	U	39	< 3.4	U	3.4	< 2.8	U	2.8	< 2.6	U	2.6	< 2.6	U	2.6
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 60	U	60	11	J	5.2	7.7	J	4.4	< 4	U	4	< 4	U	4
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 22	U	22	< 1.9	U	1.9	< 1.6	U	1.6	27	J	1.5	8.8	J	1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 17	U	17	< 1.5	U	1.5	7.4	J	1.3	26	J	1.2	7.6	J	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 22	U	22	12		1.9	< 1.6	U	1.6	48	J	1.5	15	J	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 19	U	19	< 1.7	U	1.7	< 1.4	U	1.4	22		1.3	7.2	J	1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 18	U	18	< 1.6	U	1.6	< 1.3	U	1.3	< 1.2	U	1.2	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 31	U	31	10	J	2.7	< 2.3	U	2.3	3	J	2.1	< 2.1	U	2.1
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 2.3	U	2.3	< 1.9	U	1.9	< 1.8	U	1.8	< 1.8	U	1.8
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 13	U	13	< 1.1	U	1.1	< 0.92	U	0.92	< 0.86	U	0.86	< 0.86	U	0.86
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 34	U	34	< 2.9	U	2.9	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	< 43	U	43	10	J	3.8	260		3.1	57		2.9	30	J	2.9
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 45	U	45	< 3.9	U	3.9	< 3.3	U	3.3	< 3.1	U	3.1	5.1	J	3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 110	U	110	64		9.3	21	J	7.8	< 7.2	U	7.2	15	J	7.2
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 23	U	23	< 2	U	2	< 1.7	U	1.7	3.6	J	1.6	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 22	U	22	< 1.9	U	1.9	< 1.6	U	1.6	30	J	1.5	8.1	J	1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 36	U	36	< 3.1	U	3.1	< 2.6	U	2.6	7.1	J	2.4	< 2.4	U	2.4
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 31	U	31	8.9	J	2.7	< 2.3	U	2.3	7.5	J	2.1	3.4	J	2.1
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 50	U	50	< 4.4	U	4.4	< 3.7	U	3.7	< 3.4	U	3.4	< 3.4	U	3.4
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 32	U	32	< 2.8	U	2.8	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 93	U	93	18	J	8.1	< 6.8	U	6.8	< 6.3	U	6.3	< 6.3	U	6.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N16			SB-N17			SB-N18			SB-N19			SB-N19		
	Sample Date:							05/15/2008			05/15/2008			05/20/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO			SO		
	Sample Type Code:							N			N			N			FD			N		
	Start Depth:		Direct Contact	Soil to Groundwater				12			17			6			2			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				14			19			8			4			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 39	U	39	< 3.4	U	3.4	< 2.9	U	2.9	< 2.7	U	2.7	< 2.6	U	2.6
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 36	U	36	< 3.2	U	3.2	3.8	J	2.7	43	J	2.5	11	J	2.5
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 27	U	27	24		2.4	< 2	U	2	2.8	J	1.8	< 1.8	U	1.8
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 34	U	34	< 3	U	3	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 35	U	35	< 3	U	3	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 26	U	26	< 2.3	U	2.3	< 1.9	U	1.9	< 1.7	U	1.7	< 1.7	U	1.7
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 25	U	25	< 2.2	U	2.2	< 1.8	U	1.8	< 1.7	U	1.7	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 20	U	20	< 1.7	U	1.7	< 1.5	U	1.5	18		1.4	5.9	J	1.3
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 31	U	31	< 2.7	U	2.7	< 2.3	U	2.3	< 2.1	U	2.1	< 2.1	U	2.1
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	< 27	U	27	< 2.4	U	2.4	3.5	J	2	16		1.8	6.7	J	1.8
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 14	U	14	< 1.2	U	1.2	< 1	U	1	< 0.95	U	0.95	< 0.95	U	0.95
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 14	U	14	< 1.2	U	1.2	< 1	U	1	< 0.93	U	0.93	< 0.93	U	0.93
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 31	U	31	< 2.7	U	2.7	< 2.2	U	2.2	< 2.1	U	2.1	< 2.1	U	2.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 42	U	42	< 3.7	U	3.7	< 3.1	U	3.1	< 2.8	U	2.8	< 2.8	U	2.8
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	< 27	U	27	9.6	J	2.4	7.6	J	2	30		1.8	11		1.8
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 34	U	34	< 3	U	3	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 34	U	34	< 3	U	3	< 2.5	U	2.5	39	J	2.3	11	J	2.3

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold**.

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*.

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N2			SB-N20			SB-N21			SB-N21		
	Sample Date:							05/14/2008			05/22/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			10			5			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			12			7			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	15,000		0.29	8,960		0.29	9,000		0.3	NA	NA	NA
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	< 0.048	B	0.048	0.15	L	0.0041	0.14	L	0.0042	NA	NA	NA
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	3.5	J	0.02	10.3	J	0.02	7.7	K	0.021	NA	NA	NA
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	110		0.0095	71.6		0.0095	38.8		0.0097	NA	NA	NA
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.49		0.0046	0.46		0.0046	0.35		0.0047	NA	NA	NA
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.19	L	0.011	0.12		0.011	0.15		0.011	NA	NA	NA
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,760	J	2.2	9,800		2.2	887		2.2	NA	NA	NA
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	19.9	J	0.0099	13.9		0.0099	11.6	K	0.01	NA	NA	NA
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	8		0.0031	14.9		0.0031	6.9		0.0031	NA	NA	NA
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	6.4	J	0.01	13.1		0.011	13.2	K	0.011	NA	NA	NA
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	23,100	J	0.36	29,000		0.36	19,200		0.36	NA	NA	NA
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	13.4	J	0.0042	13.2		0.0042	100		0.0043	NA	NA	NA
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,590	L	0.47	4,190		0.47	2,080		0.48	NA	NA	NA
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	220		0.018	1,120		0.018	172		0.018	NA	NA	NA
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	16.9	L	0.0084	25.8		0.0084	15.8		0.0086	NA	NA	NA
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,110		1.2	1,530		1.2	685		1.3	NA	NA	NA
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.56	L	0.05	< 0.14	B	0.14	0.68		0.051	NA	NA	NA
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.074	J	0.003	0.024	J	0.003	0.019	J	0.003	NA	NA	NA
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	48	J	0.89	124		0.89	44		0.91	NA	NA	NA
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.22	J	0.0025	0.15		0.0025	0.11	J	0.0025	NA	NA	NA
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	25	J	0.0072	15.5		0.0072	16.4		0.0073	NA	NA	NA
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	57.3	L	0.014	50.4		0.014	48.7	K	0.015	NA	NA	NA
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.035	L	0.0088	0.018	J	0.0088	< 0.026	B	0.026	NA	NA	NA
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.17	B	0.17	0.2	J	0.12	< 0.14	B	0.14	NA	NA	NA
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.18	U	0.18	< 0.18	U	0.18	< 0.19	U	0.19	NA	NA	NA
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12	< 0.13	U	0.13	NA	NA	NA
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.28	U	0.28	< 0.28	U	0.28	< 0.29	U	0.29	NA	NA	NA
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.22	U	0.22	< 0.22	U	0.22	< 0.22	U	0.22	NA	NA	NA
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.31	U	0.31	< 0.31	U	0.31	< 0.32	U	0.32	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	1.9	J	0.13	< 0.13	U	0.13	< 0.13	U	0.13	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22	NA	NA	NA
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.24	U	0.24	< 0.24	U	0.24	< 0.25	U	0.25	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.47	U	0.47	< 0.47	U	0.47	< 0.48	U	0.48	NA	NA	NA
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.22	U	0.22	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N2			SB-N20			SB-N21			SB-N21		
	Sample Date:							05/14/2008			05/22/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				10			10			5			10		
	End Depth:		Subsurface Soil					12			12			7			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.15	U	0.15	1.3	J	0.16	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.33	U	0.33	< 0.33	U	0.33	< 0.34	U	0.34	NA	NA	NA
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.16	U	0.16	< 0.17	U	0.17	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.26	U	0.26	< 0.26	U	0.26	< 0.27	U	0.27	NA	NA	NA
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24	NA	NA	NA
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.29	U	0.29	< 0.29	U	0.29	< 0.29	U	0.29	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22	NA	NA	NA
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.26	U	0.26	< 0.26	U	0.26	< 0.27	U	0.27	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	8		0.21	< 0.21	U	0.21	< 0.21	U	0.21	NA	NA	NA
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.85	U	0.85	< 0.86	U	0.86	< 0.87	U	0.87	NA	NA	NA
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14	< 15	U	15	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3.1	U	3.1	< 3.1	U	3.1	< 3.1	U	3.1	NA	NA	NA
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.9	U	3.9	< 3.9	U	3.9	< 4	U	4	NA	NA	NA
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.5	U	3.5	< 3.5	U	3.5	< 3.6	U	3.6	NA	NA	NA
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.3	U	3.3	< 3.4	U	3.4	< 3.4	U	3.4	NA	NA	NA
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	U	1.9	< 1.9	U	1.9	< 2	U	2	NA	NA	NA
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.9	U	2.9	< 2.9	U	2.9	< 3	U	3	NA	NA	NA
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.9	U	2.9	< 2.9	U	2.9	< 3	U	3	NA	NA	NA
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.47	U	0.47	< 0.5	U	0.5	< 63	UJ	63	< 0.66	U	0.66
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.69	U	0.69	< 0.74	U	0.74	< 70	UJ	70	< 0.97	U	0.97
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.8	U	0.8	< 0.85	U	0.85	< 66	UJ	66	< 1.1	U	1.1
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.55	U	0.55	< 0.59	U	0.59	< 60	UJ	60	< 0.78	U	0.78
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.82	U	0.82	< 0.87	U	0.87	< 72	UJ	72	< 1.1	U	1.1
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.85	U	0.85	< 0.9	U	0.9	< 64	UJ	64	< 1.2	U	1.2
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.72	U	0.72	< 0.77	U	0.77	< 52	UJ	52	< 1	U	1
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.83	U	0.83	< 0.88	U	0.88	< 64	UJ	64	< 1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.77	U	0.77	< 0.82	U	0.82	< 68	UJ	68	< 1.1	U	1.1
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.59	U	0.59	< 0.63	U	0.63	< 67	UJ	67	< 0.83	U	0.83
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.52	U	0.52	< 0.56	U	0.56	< 68	UJ	68	< 0.73	U	0.73
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.63	U	0.63	< 0.67	U	0.67	< 65	UJ	65	< 0.89	U	0.89
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.61	U	0.61	< 0.65	U	0.65	< 68	UJ	68	< 0.86	U	0.86
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.85	U	0.85	< 0.9	U	0.9	< 60	UJ	60	< 1.2	U	1.2
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.66	U	0.66	< 0.71	U	0.71	< 49	UJ	49	< 0.93	U	0.93
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.63	U	0.63	< 0.67	U	0.67	< 54	UJ	54	< 0.88	U	0.88
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	5	J	4.8	< 5.1	U	5.1	220	J	74	15	J	6.8

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				SB-N2			SB-N20			SB-N21			SB-N21		
	Sample Date:							05/14/2008			05/22/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			10			5			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			12			7			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.65	U	0.65	< 0.69	U	0.69	< 64	UJ	64	< 0.91	U	0.91
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.54	U	0.54	< 0.58	U	0.58	< 60	UJ	60	< 0.76	U	0.76
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.43	U	0.43	< 0.45	U	0.45	< 63	UJ	63	< 0.6	U	0.6
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.71	U	0.71	< 0.76	U	0.76	< 78	UJ	78	< 1	U	1
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.49	U	0.49	< 0.53	U	0.53	< 76	UJ	76	< 0.69	U	0.69
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.43	U	0.43	< 0.46	U	0.46	< 55	UJ	55	< 0.6	U	0.6
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.73	U	0.73	< 0.78	U	0.78	< 68	UJ	68	< 1	U	1
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.5	U	1.5	< 1.6	U	1.6	< 89	UJ	89	< 2.1	U	2.1
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.56	U	0.56	< 0.6	U	0.6	< 65	UJ	65	< 0.79	U	0.79
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.82	U	0.82	< 0.87	U	0.87	< 68	UJ	68	< 1.2	U	1.2
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.68	U	0.68	< 0.72	U	0.72	< 66	UJ	66	< 0.95	U	0.95
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.65	U	0.65	< 0.7	U	0.7	< 55	UJ	55	< 0.92	U	0.92
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.36	U	0.36	< 0.38	U	0.38	< 62	UJ	62	< 0.5	U	0.5
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.68	U	0.68	< 0.73	U	0.73	< 57	UJ	57	< 0.96	U	0.96
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.64	U	0.64	< 0.68	U	0.68	< 79	UJ	79	< 0.9	U	0.9
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.62	U	0.62	< 0.66	U	0.66	< 73	UJ	73	< 0.87	U	0.87
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1	U	1	< 1.1	U	1.1	< 76	UJ	76	< 1.4	U	1.4
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.65	U	0.65	< 0.7	U	0.7	120	J	66	< 0.92	U	0.92
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.87	U	0.87	< 0.92	U	0.92	160	J	65	< 1.2	U	1.2
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.7	U	0.7	< 0.74	U	0.74	< 69	UJ	69	< 0.98	U	0.98
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.72	U	0.72	< 0.77	U	0.77	< 57	UJ	57	< 1	U	1
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1	B	1	< 1.7	B	1.7	< 47	UJ	47	< 2	B	2
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.51	U	0.51	< 0.55	U	0.55	< 69	UJ	69	< 0.72	U	0.72
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.65	U	0.65	< 0.7	U	0.7	< 80	UJ	80	< 0.92	U	0.92
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.7	U	0.7	< 0.75	U	0.75	< 49	UJ	49	< 0.99	U	0.99
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.57	U	0.57	< 0.61	U	0.61	< 72	UJ	72	< 0.81	U	0.81
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.58	U	0.58	< 0.61	U	0.61	< 54	UJ	54	< 0.81	U	0.81
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.63	U	0.63	< 0.67	U	0.67	< 69	UJ	69	< 0.89	U	0.89
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.88	U	0.88	< 0.94	U	0.94	< 100	UJ	100	< 1.2	U	1.2
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.45	U	0.45	< 0.48	U	0.48	< 69	UJ	69	< 0.64	U	0.64
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.2	U	2.2	< 2.3	U	2.3	< 220	UJ	220	< 3	U	3
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 6.8	U	6.8	< 3.4	U	3.4	< 3.4	U	3.4	< 3.9	U	3.9
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 6.6	U	6.6	< 3.3	U	3.3	< 3.4	U	3.4	< 3.8	U	3.8
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 2.4	U	2.4	< 1.2	U	1.2	< 1.2	U	1.2	< 1.4	U	1.4
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 3.5	U	3.5	< 1.8	U	1.8	< 1.8	U	1.8	< 2	U	2
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 97	U	97	< 48	U	48	< 49	U	49	< 56	U	56
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 4.2	U	4.2	< 2.1	U	2.1	< 2.2	U	2.2	< 2.4	U	2.4
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 5.3	U	5.3	< 2.6	U	2.6	< 2.7	U	2.7	< 3	U	3
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 4.7	U	4.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.7	U	2.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N2			SB-N20			SB-N21			SB-N21		
	Sample Date:		PADEP MSCs					05/14/2008			05/22/2008			05/21/2008			05/21/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			10			5			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			12			7			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 4.1	U	4.1	< 2.1	U	2.1	< 2.1	U	2.1	< 2.4	U	2.4
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	65		4.5	4.1	J	2.3	7.2	J	2.3	< 2.6	U	2.6
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 5.1	U	5.1	< 2.6	U	2.6	< 2.6	U	2.6	< 3	U	3
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 4.9	U	4.9	< 2.5	U	2.5	< 2.5	U	2.5	< 2.8	U	2.8
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 6.5	U	6.5	< 3.3	U	3.3	< 3.3	U	3.3	< 3.8	U	3.8
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 18	U	18	< 9.2	U	9.2	< 9.4	U	9.4	< 11	U	11
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 7	U	7	< 3.5	U	3.5	< 3.6	U	3.6	< 4.1	U	4.1
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 58	U	58	< 29	U	29	< 29	U	29	< 33	U	33
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.7	U	3.7	< 1.8	U	1.8	< 1.9	U	1.9	< 2.1	U	2.1
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 5	U	5	< 2.5	U	2.5	< 2.5	U	2.5	< 2.9	U	2.9
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 7	U	7	< 3.5	U	3.5	< 3.6	U	3.6	< 4.1	U	4.1
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.1	U	4.1	< 2	U	2	< 2.1	U	2.1	< 2.3	U	2.3
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	10	J	5.1	2.7	J	2.6	< 2.6	U	2.6	< 3	U	3
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 3.4	U	3.4	< 1.7	U	1.7	< 1.8	U	1.8	< 2	U	2
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 6.4	U	6.4	< 3.2	U	3.2	< 3.3	U	3.3	< 3.7	U	3.7
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 4.3	U	4.3	3.6	J	2.1	4.4	J	2.2	< 2.5	U	2.5
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 4.8	U	4.8	< 2.4	U	2.4	4.8	J	2.4	< 2.7	U	2.7
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 5	U	5	4	J	2.5	< 2.5	U	2.5	< 2.9	U	2.9
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 4.6	U	4.6	3.7	J	2.3	15		2.4	< 2.7	U	2.7
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 5.6	U	5.6	< 2.8	U	2.8	< 2.9	U	2.9	< 3.3	U	3.3
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 8.7	U	8.7	11	J	4.3	< 4.4	U	4.4	9.3	J	5
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 3.2	U	3.2	< 1.6	U	1.6	49		1.7	< 1.9	U	1.9
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 2.5	U	2.5	3.6	J	1.3	39		1.3	< 1.5	U	1.5
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 3.1	U	3.1	7.6	J	1.6	60		1.6	< 1.8	U	1.8
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 2.8	U	2.8	< 1.4	U	1.4	32		1.4	< 1.6	U	1.6
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 2.6	U	2.6	< 1.3	U	1.3	< 1.3	U	1.3	< 1.5	U	1.5
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 4.5	U	4.5	< 2.3	U	2.3	2.7	J	2.3	< 2.6	U	2.6
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.8	U	3.8	< 1.9	U	1.9	< 1.9	U	1.9	< 2.2	U	2.2
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 1.8	U	1.8	< 0.92	U	0.92	< 0.94	U	0.94	< 1.1	U	1.1
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 4.9	U	4.9	< 2.5	U	2.5	< 2.5	U	2.5	< 2.8	U	2.8
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	< 6.3	U	6.3	90		3.1	13	J	3.2	38	J	3.6
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 6.6	U	6.6	< 3.3	U	3.3	6.1	J	3.3	5.5	J	3.8
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	75	J	15	8.6	J	7.8	< 7.9	U	7.9	27	J	8.9
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 3.4	U	3.4	< 1.7	U	1.7	5.8	J	1.7	< 1.9	U	1.9
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 3.2	U	3.2	< 1.6	U	1.6	48		1.7	< 1.9	U	1.9
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 5.2	U	5.2	< 2.6	U	2.6	6.1	J	2.7	< 3	U	3
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	17	J	4.5	4.3	J	2.3	6.4	J	2.3	< 2.6	U	2.6
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 7.3	U	7.3	< 3.7	U	3.7	< 3.7	U	3.7	< 4.2	U	4.2
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.6	U	4.6	< 2.3	U	2.3	< 2.4	U	2.4	< 2.7	U	2.7
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 14	U	14	7.8	J	6.8	< 6.9	U	6.9	< 7.8	U	7.8

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N2			SB-N20			SB-N21			SB-N21		
	Sample Date:							05/14/2008			05/22/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			10			5			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			12			7			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 5.7	U	5.7	< 2.9	U	2.9	< 2.9	U	2.9	< 3.3	U	3.3
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 5.3	U	5.3	11		2.6	110		2.7	< 3.1	U	3.1
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 4	U	4	3.9	J	2	9.8		2	< 2.3	U	2.3
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 4.9	U	4.9	< 2.5	U	2.5	< 2.5	U	2.5	< 2.8	U	2.8
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 5	U	5	< 2.5	U	2.5	< 2.6	U	2.6	< 2.9	U	2.9
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 3.8	U	3.8	< 1.9	U	1.9	< 1.9	U	1.9	< 2.2	U	2.2
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 3.7	U	3.7	< 1.8	U	1.8	< 1.9	U	1.9	< 2.1	U	2.1
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 2.9	U	2.9	< 1.5	U	1.5	27		1.5	< 1.7	U	1.7
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 4.6	U	4.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.6	U	2.6
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	45		4	3.4	J	2	9.3		2	< 2.3	U	2.3
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 2	U	2	< 1	U	1	< 1	U	1	< 1.2	U	1.2
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 2	U	2	< 1	U	1	< 1	U	1	< 1.2	U	1.2
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 4.4	U	4.4	< 2.2	U	2.2	< 2.3	U	2.3	< 2.6	U	2.6
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 6.1	U	6.1	< 3	U	3	< 3.1	U	3.1	< 3.5	U	3.5
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	39		3.9	16		2	73		2	4.1	J	2.3
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 4.9	U	4.9	< 2.5	U	2.5	< 2.5	U	2.5	< 2.8	U	2.8
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	18		5	5.6	J	2.5	76		2.6	< 2.9	U	2.9

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *Italics*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N22			SB-N23			SB-N24			SB-N25		
	Sample Date:		Non-Residential					05/20/2008			05/20/2008			05/20/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			5			4			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			7			6			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	8,380		0.28	1,010		0.28	7,900		0.29	9,180		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	1.1		0.004	*50.9*		0.0039	0.38		0.0041	0.67		0.004
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	10.1	K	0.02	*46*	K	0.019	9.2	K	0.02	10.9	K	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	59.1	K	0.0093	70.8	K	0.009	51.5	K	0.0095	71.9	K	0.0093
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.38		0.0045	0.28		0.0043	0.35		0.0046	0.48		0.0045
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.17		0.011	0.16		0.011	0.18		0.011	1		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,450	L	2.1	965	L	2.1	1,380	L	2.2	2,530	L	2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	13.6		0.0096	94.9		0.0094	18.2		0.0099	18.5		0.0097
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	*5.9*	K	0.003	*20.5*	K	0.0029	*5.2*	K	0.0031	*7.6*	K	0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	9		0.01	179		0.01	18.1		0.011	94.5		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	19,200		0.35	**487,000**		3.4	16,900		0.36	21,500		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	12.6		0.0041	*1,270*		0.004	43.5		0.0042	*75.6*		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,960		0.46	218		0.45	1,430		0.47	1,840		0.46
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	109		0.017	1,950		0.17	252		0.018	358		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	15.5	J	0.0082	44	J	0.008	11.7	J	0.0084	14.6	J	0.0082
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	630		1.2	110		1.2	492		1.2	703		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.3	J	0.049	0.97		0.048	0.29	J	0.05	0.59	J	0.049
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.022	J	0.0029	0.14	J	0.0028	0.045	J	0.003	0.07	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	42.4	L	0.87	39.8	L	0.85	35.2	L	0.9	654	L	0.88
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.11	J	0.0024	0.17		0.0023	0.14		0.0025	0.16		0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	14.3	K	0.007	7.4	K	0.0068	17.8	K	0.0072	17.1	K	0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	55		0.014	66.2		0.014	94.6		0.014	87.5		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.021	J	0.0086	0.049		0.0083	0.056		0.0088	0.48		0.0086
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.12	UJ	0.12	< 0.18	B	0.18	< 0.12	UJ	0.12	< 0.12	UJ	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.18	U	0.18	< 0.17	U	0.17	< 0.18	U	0.18	< 0.18	U	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12	6.6		0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.28	U	0.28	< 0.27	U	0.27	32		0.28	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22	< 0.21	U	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.31	U	0.31	< 0.3	U	0.3	< 0.32	U	0.32	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.13	U	0.13	< 0.12	U	0.12	3.9		0.13	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	U	0.21	< 0.2	U	0.2	0.27	J	0.22	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.24	U	0.24	< 0.23	U	0.23	< 0.24	U	0.24	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.46	U	0.46	< 0.45	U	0.45	< 0.48	U	0.48	< 0.46	U	0.46
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N22			SB-N23			SB-N24			SB-N25		
	Sample Date:							05/20/2008			05/20/2008			05/20/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			5			4			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			7			6			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.33	U	0.33	< 0.32	U	0.32	NA	NA	NA	< 0.33	U	0.33
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.16	U	0.16	< 0.17	U	0.17	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	U	0.25	< 0.25	U	0.25	< 0.26	U	0.26	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	U	0.23	< 0.23	U	0.23	12		0.24	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.28	U	0.28	1.5	J	0.27	< 0.29	U	0.29	0.47	J	0.28
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.21	U	0.21	< 0.2	U	0.2	< 0.21	U	0.21	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.26	U	0.26	< 0.25	U	0.25	< 0.26	U	0.26	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	U	0.2	< 0.2	U	0.2	< 0.21	U	0.21	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.84	U	0.84	< 0.81	U	0.81	< 0.86	U	0.86	< 0.84	U	0.84
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3	U	3	< 2.9	U	2.9	< 3.1	U	3.1	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.8	U	3.8	< 3.7	U	3.7	< 3.9	U	3.9	< 3.8	U	3.8
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.4	U	3.4	< 3.3	U	3.3	< 3.5	U	3.5	< 3.5	U	3.5
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.3	U	3.3	< 3.2	U	3.2	< 3.4	U	3.4	< 3.3	U	3.3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	U	1.9	< 1.8	U	1.8	< 2	U	2	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.9	U	2.9	< 2.8	U	2.8	350		2.9	8.1	J	2.9
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.9	U	2.9	< 2.8	U	2.8	71		2.9	< 2.9	U	2.9
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.57	U	0.57	< 0.46	U	0.46	< 0.48	U	0.48	< 0.52	U	0.52
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.84	U	0.84	< 0.67	U	0.67	< 0.7	U	0.7	< 0.77	U	0.77
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.97	U	0.97	< 0.78	U	0.78	< 0.81	U	0.81	< 0.9	U	0.9
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.67	U	0.67	< 0.54	U	0.54	< 0.56	U	0.56	< 0.62	U	0.62
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.99	U	0.99	< 0.8	U	0.8	< 0.83	U	0.83	< 0.91	U	0.91
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1	U	1	< 0.83	U	0.83	< 0.86	U	0.86	< 0.95	U	0.95
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.88	U	0.88	< 0.7	U	0.7	< 0.73	U	0.73	< 0.81	U	0.81
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1	U	1	< 0.81	U	0.81	< 0.84	U	0.84	< 0.93	U	0.93
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.93	U	0.93	< 0.75	U	0.75	< 0.78	U	0.78	< 0.86	U	0.86
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.72	U	0.72	< 0.58	U	0.58	< 0.6	U	0.6	< 0.66	U	0.66
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.64	U	0.64	< 0.51	U	0.51	< 0.53	U	0.53	< 0.58	U	0.58
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.77	U	0.77	< 0.62	U	0.62	< 0.64	U	0.64	< 0.71	U	0.71
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.75	U	0.75	< 0.6	U	0.6	< 0.62	U	0.62	< 0.69	U	0.69
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	2.1	J	1	< 0.83	U	0.83	< 0.86	U	0.86	< 0.95	U	0.95
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.81	U	0.81	< 0.65	U	0.65	< 0.68	U	0.68	< 0.74	U	0.74
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.76	U	0.76	< 0.61	U	0.61	< 0.64	U	0.64	< 0.7	U	0.7
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	11	J	5.8	< 4.7	U	4.7	< 4.9	U	4.9	9.1	J	5.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N22			SB-N23			SB-N24			SB-N25		
	Sample Date:		PADEP MSCs					05/20/2008			05/20/2008			05/20/2008			05/20/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			5			4			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			7			6			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.79	U	0.79	< 0.63	U	0.63	< 0.66	U	0.66	< 0.73	U	0.73
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.66	U	0.66	< 0.53	U	0.53	< 0.55	U	0.55	< 0.6	U	0.6
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.52	U	0.52	< 0.42	U	0.42	< 0.43	U	0.43	< 0.48	U	0.48
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.86	U	0.86	< 0.69	U	0.69	< 0.72	U	0.72	< 0.8	U	0.8
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.6	U	0.6	< 0.48	U	0.48	< 0.5	U	0.5	< 0.55	U	0.55
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.52	U	0.52	< 0.42	U	0.42	< 0.44	U	0.44	< 0.48	U	0.48
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.89	U	0.89	< 0.71	U	0.71	< 0.74	U	0.74	< 0.82	U	0.82
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.8	U	1.8	< 1.5	U	1.5	< 1.5	U	1.5	< 1.7	U	1.7
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.68	U	0.68	< 0.55	U	0.55	< 0.57	U	0.57	< 0.63	U	0.63
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1	U	1	< 0.8	U	0.8	< 0.83	U	0.83	< 0.92	U	0.92
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.82	U	0.82	< 0.66	U	0.66	< 0.69	U	0.69	3.9	J	0.76
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.79	U	0.79	< 0.64	U	0.64	< 0.66	U	0.66	< 0.73	U	0.73
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.43	U	0.43	< 0.35	U	0.35	< 0.36	U	0.36	< 0.4	U	0.4
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.83	U	0.83	< 0.67	U	0.67	< 0.69	U	0.69	< 0.76	U	0.76
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.78	U	0.78	< 0.62	U	0.62	< 0.65	U	0.65	< 0.72	U	0.72
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.75	U	0.75	< 0.6	U	0.6	< 0.63	U	0.63	4.4	J	0.69
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.2	U	1.2	< 1	U	1	< 1	U	1	< 1.1	U	1.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.79	U	0.79	< 0.64	U	0.64	< 0.66	U	0.66	2.1	J	0.73
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.1	U	1.1	< 0.85	U	0.85	< 0.88	U	0.88	< 0.97	U	0.97
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	4.9	J	0.85	< 0.68	U	0.68	< 0.71	U	0.71	1	J	0.78
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.87	U	0.87	< 0.7	U	0.7	< 0.73	U	0.73	< 0.81	U	0.81
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1	B	1	< 0.68	B	0.68	< 0.66	U	0.66	< 0.72	U	0.72
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.62	U	0.62	< 0.5	U	0.5	< 0.52	U	0.52	< 0.57	U	0.57
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.8	U	0.8	< 0.64	U	0.64	< 0.67	U	0.67	< 0.73	U	0.73
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.85	U	0.85	< 0.68	U	0.68	< 0.71	U	0.71	1.7	J	0.79
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.7	U	0.7	< 0.56	U	0.56	< 0.58	U	0.58	8.2		0.64
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.7	U	0.7	< 0.56	U	0.56	< 0.58	U	0.58	< 0.64	U	0.64
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.77	U	0.77	< 0.62	U	0.62	< 0.64	U	0.64	2.4	J	0.71
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.1	U	1.1	< 0.86	U	0.86	< 0.9	U	0.9	< 0.99	U	0.99
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.55	U	0.55	< 0.44	U	0.44	< 0.46	U	0.46	26		0.51
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.6	U	2.6	< 2.1	U	2.1	< 2.2	U	2.2	11	J	2.4
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.3	U	3.3	< 3.2	U	3.2	< 3.4	U	3.4	< 33	U	33
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.2	U	3.2	< 3.1	U	3.1	< 3.3	U	3.3	< 32	U	32
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 1.1	U	1.1	< 1.2	U	1.2	< 12	U	12
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.7	U	1.7	11	J	1.7	< 1.8	U	1.8	< 17	U	17
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 47	U	47	< 46	U	46	< 49	U	49	< 470	U	470
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.1	U	2.1	< 2	U	2	< 2.1	U	2.1	< 21	U	21
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.6	U	2.6	< 2.5	U	2.5	< 2.6	U	2.6	< 26	U	26
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.3	U	2.3	< 2.2	U	2.2	< 2.4	U	2.4	< 23	U	23

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N22			SB-N23			SB-N24			SB-N25		
	Sample Date:							05/20/2008			05/20/2008			05/20/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			5			4			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			7			6			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 1.9	U	1.9	< 2.1	U	2.1	< 20	U	20
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.2	U	2.2	450		2.1	34		2.3	290		22
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.5	U	2.5	5.9	J	2.4	< 2.6	U	2.6	< 25	U	25
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.4	U	2.4	< 2.3	U	2.3	< 2.5	U	2.5	< 24	U	24
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.2	U	3.2	< 3.1	U	3.1	< 3.3	U	3.3	< 32	U	32
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9	U	9	< 8.7	U	8.7	< 9.2	U	9.2	< 90	U	90
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.4	U	3.4	< 3.3	U	3.3	< 3.5	U	3.5	< 34	U	34
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 28	U	28	< 27	U	27	< 29	U	29	< 280	U	280
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.7	U	1.7	< 1.8	U	1.8	< 18	U	18
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.4	U	2.4	< 2.3	U	2.3	< 2.5	U	2.5	< 24	U	24
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.4	U	3.4	< 3.3	U	3.3	< 3.5	U	3.5	< 35	U	35
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 1.9	U	1.9	< 2	U	2	< 20	U	20
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	6.3	J	2.5	12	J	2.4	6.7	J	2.6	< 25	U	25
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 1.6	U	1.6	< 1.7	U	1.7	< 17	U	17
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.1	U	3.1	< 3	U	3	< 3.2	U	3.2	< 31	U	31
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.1	U	2.1	15		2	22		2.1	460		21
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.3	U	2.3	18		2.2	59		2.4	35	J	23
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.4	U	2.4	49		2.3	6.3	J	2.5	< 24	U	24
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.3	U	2.3	31		2.2	110		2.3	1,200		23
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.8	U	2.8	< 2.7	U	2.7	< 2.8	U	2.8	< 28	U	28
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	10	J	4.2	< 4.1	U	4.1	< 4.4	U	4.4	< 43	U	43
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	23		1.6	73		1.5	350		1.6	1,700		16
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	6.9	J	1.2	46		1.2	300		1.3	770		12
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.5	U	1.5	97	JN	1.5	470	JN	1.6	1,800	JN	15
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	3.4	J	1.4	63		1.3	240		1.4	810		14
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 1.2	UJ	1.2	< 1.3	UJ	1.3	< 13	UJ	13
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	54		2.1	4.7	J	2.3	57	J	22
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 1.8	U	1.8	< 1.9	U	1.9	< 19	U	19
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.9	U	0.9	< 0.87	U	0.87	< 0.92	U	0.92	< 9	U	9
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.4	U	2.4	< 2.3	U	2.3	< 2.5	U	2.5	< 24	U	24
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	33	J	3.1	23	J	3	170		3.1	100	J	31
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.2	U	3.2	6.7	J	3.1	< 3.3	U	3.3	< 32	U	32
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	22	J	7.6	< 7.3	U	7.3	25	J	7.8	< 76	U	76
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.6	U	1.6	24		1.6	37		1.7	680		16
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	97		1.5	360		1.6	1,700		16
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.5	U	2.5	13		2.4	28		2.6	200		25
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	130		2.1	28	J	2.3	410		22
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.6	U	3.6	3.4	J	3.4	11	J	3.7	< 36	U	36
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.3	U	2.3	< 2.2	U	2.2	< 2.3	U	2.3	< 23	U	23
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6.6	U	6.6	7.1	J	6.4	8.4	J	6.8	< 66	U	66

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N22			SB-N23			SB-N24			SB-N25		
	Sample Date:							05/20/2008			05/20/2008			05/20/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			5			4			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			7			6			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.8	U	2.8	< 2.7	U	2.7	< 2.9	U	2.9	< 28	U	28
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.6	U	2.6	180		2.5	790		2.7	4,700		26
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.9	U	1.9	27		1.9	32		2	800		19
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.4	U	2.4	< 2.3	U	2.3	< 2.5	U	2.5	< 24	U	24
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5	< 25	U	25
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9	< 18	U	18
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 1.7	U	1.7	< 1.8	U	1.8	< 18	U	18
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.4	U	1.4	44		1.4	210		1.5	700		14
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.2	U	2.2	< 2.1	U	2.1	< 2.3	U	2.3	< 22	U	22
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	< 1.9	U	1.9	300		1.9	32		2	390		19
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1	U	1	< 0.96	U	0.96	< 1	U	1	< 10	U	10
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.98	U	0.98	< 0.94	U	0.94	< 1	U	1	< 9.8	U	9.8
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.2	U	2.2	< 2.1	U	2.1	< 2.2	U	2.2	< 22	U	22
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3	U	3	< 2.9	U	2.9	7.5	J	3.1	< 30	U	30
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	< 1.9	U	1.9	350		1.8	410		2	4,700		19
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.4	U	2.4	< 2.3	U	2.3	< 2.5	U	2.5	< 24	U	24
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.4	U	2.4	100		2.4	450		2.5	2,300		25

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

Sample Location:								SB-N25			SB-N26			SB-N27			SB-N27		
Sample Date:			PADEP MSCs					05/20/2008			05/21/2008			05/21/2008			05/21/2008		
Matrix Code:			Non-Residential					SO			SO			SO			SO		
Sample Type Code:								N			N			N			N		
Start Depth:			Direct Contact	Soil to Groundwater				6			10			6			9		
End Depth:			Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			8			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	5,640		0.27	9,070		0.27	NA	NA	NA
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	NA	NA	NA	0.25	L	0.0038	0.2	L	0.0037	NA	NA	NA
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	NA	NA	NA	7.9	K	0.019	17.1	K	0.019	NA	NA	NA
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	NA	NA	NA	22		0.0088	20.7		0.0087	NA	NA	NA
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	NA	NA	NA	0.26		0.0042	0.38		0.0042	NA	NA	NA
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	NA	NA	NA	0.13		0.01	0.19		0.01	NA	NA	NA
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	863		2	509		2	NA	NA	NA
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	NA	NA	NA	8.7	K	0.0092	11.1	K	0.0091	NA	NA	NA
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	NA	NA	NA	4.5		0.0029	7.1		0.0028	NA	NA	NA
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	NA	NA	NA	13.2	K	0.0097	21.2	K	0.0096	NA	NA	NA
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	14,200		0.33	30,100		0.33	NA	NA	NA
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	NA	NA	NA	8.7		0.0039	13.1		0.0038	NA	NA	NA
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	1,530		0.43	2,220		0.43	NA	NA	NA
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	185		0.017	344		0.016	NA	NA	NA
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	NA	NA	NA	10.8		0.0078	15.9		0.0077	NA	NA	NA
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	572		1.1	710		1.1	NA	NA	NA
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	NA	NA	NA	0.6		0.047	0.84		0.046	NA	NA	NA
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	NA	NA	NA	0.014	J	0.0027	0.0081	J	0.0027	NA	NA	NA
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	49		0.83	25.7		0.82	NA	NA	NA
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	NA	NA	NA	0.1	J	0.0023	0.097	J	0.0023	NA	NA	NA
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	NA	NA	NA	10.8		0.0066	14.6		0.0066	NA	NA	NA
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	NA	NA	NA	40.3	K	0.013	66.2	K	0.013	NA	NA	NA
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	NA	NA	NA	< 0.015	B	0.015	< 0.025	B	0.025	NA	NA	NA
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	NA	NA	NA	< 0.11	UL	0.11	< 0.12	B	0.12	NA	NA	NA
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	< 0.17	U	0.17	< 0.17	U	0.17	NA	NA	NA
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	< 0.11	U	0.11	< 0.11	U	0.11	NA	NA	NA
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	< 0.26	U	0.26	< 0.26	U	0.26	NA	NA	NA
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	NA	NA	NA
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	< 0.29	U	0.29	< 0.29	U	0.29	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.12	U	0.12	5.1		0.12	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	NA	NA	NA
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	< 0.22	U	0.22	< 0.22	U	0.22	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.44	U	0.44	< 0.43	U	0.43	NA	NA	NA
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	1.7	J	0.2	< 0.2	U	0.2	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N25			SB-N26			SB-N27			SB-N27		
	Sample Date:		Non-Residential					05/20/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			6			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			8			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	< 0.14	U	0.14	< 0.14	U	0.14	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.31	U	0.31	< 0.31	U	0.31	NA	NA	NA
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	< 0.15	U	0.15	< 0.15	U	0.15	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.24	U	0.24	< 0.24	U	0.24	NA	NA	NA
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.22	U	0.22	< 0.22	U	0.22	NA	NA	NA
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	< 0.26	U	0.26	< 0.26	U	0.26	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.2	U	0.2	5.3		0.19	NA	NA	NA
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.24	U	0.24	< 0.24	U	0.24	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	< 0.19	U	0.19	1.7	J	0.19	NA	NA	NA
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	< 0.79	U	0.79	< 0.78	U	0.78	NA	NA	NA
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	< 13	U	13	< 13	U	13	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	< 2.8	U	2.8	< 2.8	U	2.8	NA	NA	NA
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	< 3.6	U	3.6	< 3.6	U	3.6	NA	NA	NA
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	< 3.3	U	3.3	< 3.2	U	3.2	NA	NA	NA
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	< 3.1	U	3.1	< 3.1	U	3.1	NA	NA	NA
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	< 1.8	U	1.8	< 1.8	U	1.8	NA	NA	NA
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	< 2.7	U	2.7	< 2.7	U	2.7	NA	NA	NA
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	< 2.7	U	2.7	< 2.7	U	2.7	NA	NA	NA
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.55	U	0.55	< 0.49	U	0.49	< 0.49	U	0.49	< 0.51	U	0.51
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.81	U	0.81	< 0.72	U	0.72	< 0.72	U	0.72	< 0.75	U	0.75
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.94	U	0.94	< 0.84	U	0.84	< 0.84	U	0.84	< 0.87	U	0.87
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.65	U	0.65	< 0.58	U	0.58	< 0.58	U	0.58	< 0.6	U	0.6
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.96	U	0.96	< 0.86	U	0.86	< 0.85	U	0.85	< 0.89	U	0.89
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1	U	1	< 0.89	U	0.89	< 0.89	U	0.89	< 0.92	U	0.92
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.85	U	0.85	< 0.75	U	0.75	< 0.75	U	0.75	< 0.78	U	0.78
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.98	U	0.98	< 0.87	U	0.87	< 0.87	U	0.87	< 0.9	U	0.9
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.9	U	0.9	< 0.8	U	0.8	< 0.8	U	0.8	< 0.84	U	0.84
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.7	U	0.7	< 0.62	U	0.62	< 0.62	U	0.62	< 0.64	U	0.64
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.62	U	0.62	< 0.55	U	0.55	< 0.55	U	0.55	< 0.57	U	0.57
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.74	U	0.74	< 0.66	U	0.66	< 0.66	U	0.66	< 0.69	U	0.69
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.72	U	0.72	< 0.64	U	0.64	< 0.64	U	0.64	< 0.67	U	0.67
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1	U	1	< 0.89	U	0.89	< 0.89	U	0.89	< 0.92	U	0.92
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.78	U	0.78	< 0.7	U	0.7	< 0.7	U	0.7	< 0.72	U	0.72
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.74	U	0.74	< 0.66	U	0.66	< 0.66	U	0.66	< 0.68	U	0.68
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 5.7	U	5.7	5.1	J	5	< 5	U	5	< 5.2	U	5.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N25 05/20/2008 SO N 6 8			SB-N26 05/21/2008 SO N 10 12			SB-N27 05/21/2008 SO N 6 8			SB-N27 05/21/2008 SO N 9 11		
	Sample Date:																		
	Matrix Code:																		
	Sample Type Code:																		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l															
	End Depth:		Subsurface Soil																
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.77	U	0.77	< 0.68	U	0.68	< 0.68	U	0.68	< 0.71	U	0.71
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.64	U	0.64	< 0.57	U	0.57	< 0.57	U	0.57	< 0.59	U	0.59
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.5	U	0.5	< 0.45	U	0.45	< 0.45	U	0.45	< 0.46	U	0.46
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.84	U	0.84	< 0.74	U	0.74	< 0.74	U	0.74	< 0.77	U	0.77
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.58	U	0.58	< 0.52	U	0.52	< 0.52	U	0.52	< 0.54	U	0.54
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.51	U	0.51	< 0.45	U	0.45	< 0.45	U	0.45	< 0.47	U	0.47
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.86	U	0.86	< 0.76	U	0.76	< 0.76	U	0.76	< 0.79	U	0.79
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.8	U	1.8	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.66	U	0.66	< 0.59	U	0.59	< 0.59	U	0.59	< 0.61	U	0.61
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.97	U	0.97	< 0.86	U	0.86	< 0.86	U	0.86	< 0.89	U	0.89
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.8	U	0.8	< 0.71	U	0.71	< 0.71	U	0.71	< 0.74	U	0.74
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.77	U	0.77	< 0.68	U	0.68	< 0.68	U	0.68	< 0.71	U	0.71
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.42	U	0.42	< 0.37	U	0.37	< 0.37	U	0.37	< 0.39	U	0.39
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.8	U	0.8	< 0.72	U	0.72	< 0.71	U	0.71	< 0.74	U	0.74
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.75	U	0.75	< 0.67	U	0.67	< 0.67	U	0.67	< 0.7	U	0.7
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.73	U	0.73	< 0.65	U	0.65	< 0.65	U	0.65	< 0.67	U	0.67
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.2	U	1.2	< 1.1	U	1.1	< 1.1	U	1.1	< 1.1	U	1.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.77	U	0.77	< 0.68	U	0.68	< 0.68	U	0.68	< 0.71	U	0.71
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1	U	1	< 0.91	U	0.91	< 0.91	U	0.91	< 0.94	U	0.94
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.82	U	0.82	< 0.73	U	0.73	< 0.73	U	0.73	< 0.76	U	0.76
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.85	U	0.85	< 0.75	U	0.75	< 0.75	U	0.75	< 0.78	U	0.78
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1.3	B	1.3	< 0.91	B	0.91	< 0.95	B	0.95	< 0.9	B	0.9
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.6	U	0.6	< 0.54	U	0.54	< 0.54	U	0.54	< 0.56	U	0.56
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.77	U	0.77	< 0.69	U	0.69	< 0.69	U	0.69	< 0.71	U	0.71
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.83	U	0.83	< 0.74	U	0.74	< 0.73	U	0.73	< 0.76	U	0.76
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.68	U	0.68	< 0.6	U	0.6	< 0.6	U	0.6	< 0.62	U	0.62
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.68	U	0.68	< 0.6	U	0.6	< 0.6	U	0.6	< 0.63	U	0.63
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.75	U	0.75	< 0.66	U	0.66	< 0.66	U	0.66	< 0.69	U	0.69
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1	U	1	< 0.93	U	0.93	< 0.93	U	0.93	< 0.96	U	0.96
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.53	U	0.53	< 0.47	U	0.47	< 0.47	U	0.47	< 0.49	U	0.49
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.5	U	3.5	< 3.1	U	3.1	< 3.1	U	3.1	< 3.1	U	3.1
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.4	U	3.4	< 3	U	3	< 3	U	3	< 3	U	3
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.3	U	1.3	< 1.1	U	1.1	< 1.1	U	1.1	< 1.1	U	1.1
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.8	U	1.8	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 50	U	50	< 44	U	44	< 44	U	44	< 44	U	44
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.2	U	2.2	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.7	U	2.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.5	U	2.5	< 2.2	U	2.2	< 2.2	U	2.2	< 2.1	U	2.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N25			SB-N26			SB-N27			SB-N27		
	Sample Date:			PADEP MSCs				05/20/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:			Non-Residential				SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			6			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			8			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.1	U	2.1	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.4	U	2.4	< 2.1	U	2.1	< 2.1	U	2.1	< 2	U	2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.7	U	2.7	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.6	U	2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.4	U	3.4	< 3	U	3	< 3	U	3	< 2.9	U	2.9
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9.6	U	9.6	< 8.5	U	8.5	< 8.4	U	8.4	< 8.3	U	8.3
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.7	U	3.7	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 30	U	30	< 27	U	27	< 26	U	26	< 26	U	26
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.6	U	2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.7	U	3.7	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 1.9	U	1.9	< 1.9	U	1.9	< 1.8	U	1.8
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	4.6	J	2.7	2.6	J	2.4	< 2.3	U	2.3	< 2.3	U	2.3
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.8	U	1.8	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.3	U	3.3	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.2	U	2.2	< 2	U	2	< 2	U	2	< 1.9	U	1.9
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.5	U	2.5	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	3.4	J	2.6	< 2.3	U	2.3	< 2.3	U	2.3	2.7	J	2.2
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.4	U	2.4	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.9	U	2.9	< 2.6	U	2.6	< 2.6	U	2.6	< 2.5	U	2.5
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	10	J	4.5	6.6	J	4	6.9	J	4	8.9	J	3.9
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.7	U	1.7	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	2.4	J	1.3	< 1.2	U	1.2	< 1.2	U	1.2	< 1.1	U	1.1
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	1.6	JN	1.6	< 1.4	U	1.4	< 1.4	U	1.4	< 1.4	U	1.4
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.5	U	1.5	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.4	UJ	1.4	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.4	U	2.4	< 2.1	U	2.1	< 2.1	U	2.1	< 2	U	2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 1.8	U	1.8	< 1.7	U	1.7	< 1.7	U	1.7
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.96	U	0.96	< 0.85	U	0.85	< 0.84	U	0.84	< 0.83	U	0.83
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.6	U	2.6	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	28	J	3.3	12	J	2.9	33	J	2.9	31	J	2.8
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.4	U	3.4	11	J	3	6	J	3	8.4	J	3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	21	J	8.1	22	J	7.1	19	J	7.1	30	J	7
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.8	U	1.8	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.7	U	1.7	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.7	U	2.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.4	U	2.4	< 2.1	U	2.1	< 2.1	U	2.1	< 2	U	2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.8	U	3.8	< 3.4	U	3.4	< 3.3	U	3.3	< 3.3	U	3.3
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.4	U	2.4	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 7.1	U	7.1	7	J	6.2	< 6.2	U	6.2	< 6.1	U	6.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N25			SB-N26			SB-N27			SB-N27		
	Sample Date:		PADEP MSCs					05/20/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			6			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			8			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 3	U	3	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	4.1	J	2.8	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 2.1	U	2.1	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.6	U	2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.6	U	2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 2	U	2	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.9	U	1.9	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.5	U	1.5	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.4	U	2.4	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	< 2.1	U	2.1	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.1	U	1.1	< 0.94	U	0.94	< 0.93	U	0.93	< 0.92	U	0.92
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1	U	1	< 0.92	U	0.92	< 0.92	U	0.92	< 0.91	U	0.91
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.3	U	2.3	< 2	U	2	< 2	U	2	< 2	U	2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3.2	U	3.2	< 2.8	U	2.8	< 2.8	U	2.8	< 2.8	U	2.8
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	6.9	J	2	5.6	J	1.8	3.5	J	1.8	4.6	J	1.8
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.6	U	2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	2.8	J	2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *Italics*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N27E1			SB-N27N1			SB-N2751			SB-N27W1		
	Sample Date:							05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	5,410		0.26	12,000		0.26	6,450		0.27	12,000		0.26
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.17	L	0.0037	0.078	L	0.0037	0.28	L	0.0037	0.2	L	0.0037
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	11.6	K	0.018	4.2	K	0.018	19.4	K	0.019	7.9	K	0.018
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	31.2	L	0.0086	104	L	0.0086	59.4	L	0.0087	76.7	L	0.0086
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.32	L	0.0041	1.8	L	0.0041	0.41	L	0.0042	1.3	L	0.0041
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.099	J	0.01	0.11		0.01	0.22		0.01	0.22		0.01
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,920		2	45,400		2	1,330		2	31,300		2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	11.1	K	0.0089	9.9	K	0.0089	12.7	K	0.0091	15	K	0.0089
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	5.6		0.0028	2.4		0.0028	8.4		0.0028	6.5		0.0028
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	16.4		0.0095	6.9		0.0095	25.9		0.0097	18.6		0.0095
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	18,900		0.32	9,060		0.32	36,100		0.33	19,600		0.32
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	13.2		0.0038	13		0.0038	19.6		0.0039	42.7		0.0038
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,860	L	0.42	11,800	L	0.42	1,860	L	0.43	8,880	L	0.42
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	391		0.016	583		0.016	1,070		0.016	656		0.016
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	13.2		0.0076	5.5		0.0076	25.1		0.0077	13.3		0.0076
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	881		1.1	1,050		1.1	822		1.1	1,080		1.1
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	< 0.16	B	0.16	0.56	L	0.045	0.27	L	0.046	0.65	L	0.045
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.015	J	0.0027	0.0081	J	0.0027	0.011	J	0.0027	0.047	J	0.0027
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	46.5		0.81	420		0.81	31.1		0.82	264		0.81
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.081	J	0.0022	0.043	J	0.0022	0.13		0.0023	0.12		0.0022
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	11.6		0.0065	4.8		0.0065	15.7		0.0066	12.2		0.0065
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	52.8	K	0.013	27.6	K	0.013	74.4	K	0.013	52.9	K	0.013
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.015	J	0.0079	0.018	J	0.0079	0.01	J	0.0081	0.021	J	0.0079
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.13	B	0.13	< 0.21	B	0.21	< 0.14	B	0.14	< 0.15	B	0.15
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.17	U	0.17	< 0.17	U	0.17	0.41	JN	0.17	0.55	JN	0.17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	UJ	0.11	< 0.11	UJ	0.11
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.25	U	0.25	< 0.25	U	0.25	< 0.26	UJ	0.26	< 0.25	UJ	0.25
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.2	U	0.2	< 0.2	U	0.2	2.6	JN	0.2	2.1	JN	0.2
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.28	U	0.28	< 0.28	U	0.28	< 0.29	UJ	0.29	< 0.28	UJ	0.28
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	2.9		0.12	6.4		0.12	< 0.12	UJ	0.12	46	J	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.19	U	0.19	< 0.19	U	0.19	< 0.2	UJ	0.2	< 0.19	UJ	0.19
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.22	U	0.22	< 0.22	U	0.22	< 0.22	UJ	0.22	< 0.22	UJ	0.22
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.43	U	0.43	< 0.44	UJ	0.44	2.8	J	0.43
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.2	U	0.2	< 0.2	U	0.2	< 0.2	UJ	0.2	< 0.2	UJ	0.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N27E1			SB-N27N1			SB-N27S1			SB-N27W1		
	Sample Date:		Non-Residential					05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.14	U	0.14	0.44	J	0.14	< 0.14	UJ	0.14	< 0.14	UJ	0.14
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.3	U	0.3	< 0.3	U	0.3	0.66	J	0.31	0.47	J	0.3
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	UJ	0.15	< 0.15	UJ	0.15
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	UJ	0.24	< 0.24	UJ	0.24
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.22	U	0.22	< 0.22	U	0.22	< 0.22	UJ	0.22	< 0.22	UJ	0.22
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.26	U	0.26	0.42	J	0.26	1.1	JN	0.26	< 0.26	UJ	0.26
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	3.2		0.19	7.4		0.19	26	J	0.19	94	J	0.19
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.24	U	0.24	4.2	J	0.24	< 0.23	UJ	0.23
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.19	U	0.19	0.69	J	0.19	< 0.19	UJ	0.19	15	JN	0.19
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.77	U	0.77	< 0.77	U	0.77	< 0.79	UJ	0.79	1.1	J	0.77
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 13	U	13	< 13	U	13	< 13	UJ	13	< 13	UJ	13
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.8	U	2.8	< 2.8	U	2.8	< 2.8	U	2.8	< 2.7	U	2.7
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.5	U	3.5	< 3.5	U	3.5	< 3.6	U	3.6	< 3.5	U	3.5
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3	U	3	< 3	U	3	< 3.1	U	3.1	< 3	U	3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.8	U	1.8	< 1.8	U	1.8	120		1.8	< 1.7	U	1.7
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.6	U	2.6	< 2.6	U	2.6	< 2.7	U	2.7	< 2.6	U	2.6
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.6	U	2.6	< 2.6	U	2.6	< 2.7	U	2.7	< 2.6	U	2.6
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.57	U	0.57	< 0.67	U	0.67	< 0.55	U	0.55	< 0.59	U	0.59
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.35	U	0.35	< 0.4	U	0.4	< 0.33	U	0.33	< 0.36	U	0.36
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.4	U	0.4	< 0.46	U	0.46	< 0.38	U	0.38	< 0.41	U	0.41
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.37	U	0.37	< 0.43	U	0.43	< 0.35	U	0.35	< 0.38	U	0.38
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.53	U	0.53	< 0.62	U	0.62	< 0.51	U	0.51	< 0.55	U	0.55
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.28	U	0.28	< 0.32	U	0.32	< 0.26	U	0.26	< 0.29	U	0.29
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1.3	U	1.3	< 1.5	U	1.5	< 1.3	U	1.3	< 1.4	U	1.4
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.51	U	0.51	< 0.6	U	0.6	< 0.49	U	0.49	< 0.53	U	0.53
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.37	U	0.37	< 0.43	U	0.43	< 0.35	U	0.35	< 0.38	U	0.38
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.35	U	0.35	< 0.4	U	0.4	< 0.33	U	0.33	< 0.36	U	0.36
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.71	U	0.71	< 0.82	U	0.82	< 0.67	U	0.67	< 0.73	U	0.73
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.36	U	0.36	< 0.42	U	0.42	< 0.34	U	0.34	< 0.37	U	0.37
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.68	U	0.68	< 0.79	U	0.79	< 0.64	U	0.64	< 0.7	U	0.7
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.4	U	1.4	< 1.7	U	1.7	< 1.4	U	1.4	< 1.5	U	1.5
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.65	U	0.65	< 0.75	U	0.75	< 0.62	U	0.62	< 0.67	U	0.67
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.55	U	0.55	< 0.64	U	0.64	< 0.53	U	0.53	< 0.57	U	0.57
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 6.5	U	6.5	< 7.5	U	7.5	< 6.2	U	6.2	< 6.7	U	6.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N27E1			SB-N27N1			SB-N2751			SB-N27W1		
	Sample Date:		Non-Residential					05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.24	U	0.24	< 0.27	U	0.27	< 0.22	U	0.22	< 0.24	U	0.24
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.29	U	0.29	< 0.33	U	0.33	< 0.27	U	0.27	< 0.3	U	0.3
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.34	U	0.34	< 0.39	U	0.39	< 0.32	U	0.32	< 0.35	U	0.35
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.55	U	0.55	< 0.64	U	0.64	< 0.53	U	0.53	< 0.57	U	0.57
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.45	U	0.45	< 0.52	U	0.52	< 0.43	U	0.43	< 0.47	U	0.47
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.38	U	0.38	< 0.44	U	0.44	< 0.36	U	0.36	< 0.39	U	0.39
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.34	U	0.34	< 0.39	U	0.39	< 0.32	U	0.32	< 0.35	U	0.35
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 0.88	U	0.88	< 1	U	1	< 0.84	U	0.84	< 0.91	U	0.91
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.3	U	0.3	< 0.35	U	0.35	< 0.28	U	0.28	< 0.31	U	0.31
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.42	U	0.42	< 0.49	U	0.49	< 0.4	U	0.4	< 0.43	U	0.43
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.37	U	0.37	< 0.43	U	0.43	< 0.35	U	0.35	< 0.38	U	0.38
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.35	U	0.35	< 0.4	U	0.4	< 0.33	U	0.33	< 0.36	U	0.36
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.34	U	0.34	< 0.39	U	0.39	< 0.32	U	0.32	< 0.35	U	0.35
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.56	U	0.56	< 0.65	U	0.65	< 0.54	U	0.54	< 0.58	U	0.58
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.51	U	0.51	< 0.6	U	0.6	< 0.49	U	0.49	< 0.53	U	0.53
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.27	U	0.27	< 0.31	U	0.31	< 0.25	U	0.25	< 0.28	U	0.28
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.3	U	1.3	< 1.5	U	1.5	< 1.3	U	1.3	< 1.4	U	1.4
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.16	U	0.16	< 0.19	U	0.19	< 0.16	U	0.16	< 0.17	U	0.17
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.4	U	1.4	< 1.7	U	1.7	< 1.4	U	1.4	< 1.5	U	1.5
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.32	U	0.32	< 0.37	U	0.37	< 0.3	U	0.3	< 0.33	U	0.33
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.44	U	0.44	< 0.51	U	0.51	< 0.42	U	0.42	< 0.46	U	0.46
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1.5	B	1.5	< 0.86	B	0.86	< 1	B	1	< 0.88	B	0.88
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.15	U	0.15	< 0.18	U	0.18	< 0.15	U	0.15	< 0.16	U	0.16
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.53	U	0.53	< 0.62	U	0.62	< 0.51	U	0.51	< 0.55	U	0.55
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.28	U	0.28	< 0.32	U	0.32	< 0.26	U	0.26	< 0.29	U	0.29
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.42	U	0.42	< 0.49	U	0.49	< 0.4	U	0.4	< 0.43	U	0.43
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.55	U	0.55	< 0.64	U	0.64	< 0.53	U	0.53	< 0.57	U	0.57
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.43	U	0.43	< 0.5	U	0.5	< 0.41	U	0.41	< 0.44	U	0.44
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.35	U	0.35	< 0.4	U	0.4	< 0.33	U	0.33	< 0.36	U	0.36
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.4	U	0.4	< 0.46	U	0.46	< 0.38	U	0.38	< 0.41	U	0.41
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 0.69	U	0.69	0.94	J	0.8	< 0.65	U	0.65	< 0.71	U	0.71
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3	U	3	< 3	U	3	< 3.1	U	3.1	< 3	U	3
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3	U	3	< 3	U	3	< 3	U	3	< 3	U	3
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.1	U	1.1	< 1.1	U	1.1	< 1.1	U	1.1	< 1.1	U	1.1
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 44	U	44	< 44	U	44	< 45	U	45	< 43	U	43
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.1	U	2.1	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N27E1			SB-N27N1			SB-N27S1			SB-N27W1		
	Sample Date:		Non-Residential					05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.8	U	1.8
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	2.1	J	2	6.3	J	2	2.5	J	2.1	6.7	J	2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 2.9	U	2.9	< 2.9	U	2.9	< 3	U	3	< 2.9	U	2.9
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.3	U	8.3	< 8.3	U	8.3	< 8.5	U	8.5	< 8.2	U	8.2
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 26	U	26	< 27	U	27	< 26	U	26
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.6	U	1.6
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.3	U	2.3	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9	< 1.8	U	1.8
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.5	U	1.5
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9	< 2.8	U	2.8
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	1.9	J	1.9	4.1	J	1.9	3.3	J	2	3.9	J	1.9
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.1	U	2.1	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3	3	J	2.2
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.1	U	2.1	2.1	J	2.1	< 2.1	U	2.1	3	J	2.1
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.5	U	2.5	< 2.5	U	2.5	< 2.6	U	2.6	< 2.5	U	2.5
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.9	U	3.9	< 3.9	U	3.9	< 4	U	4	< 3.9	U	3.9
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.5	U	1.5	7.3	J	1.5	< 1.5	U	1.5	12		1.4
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.1	U	1.1	6.1	J	1.1	< 1.2	U	1.2	12		1.1
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.4	U	1.4	11		1.4	< 1.4	U	1.4	21		1.4
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.3	U	1.3	4.9	J	1.3	< 1.3	U	1.3	9.6		1.2
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2	U	2	2.1	J	2	< 2.1	U	2.1	2	J	2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.7	U	1.7	< 1.8	U	1.8	< 1.7	U	1.7
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.83	U	0.83	< 0.83	U	0.83	< 0.85	U	0.85	< 0.82	U	0.82
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	130		2.8	160		2.8	11	J	2.9	360		2.8
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3	U	3	< 3	U	3	< 3	U	3	< 2.9	U	2.9
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	12	J	7	19	J	7	19	J	7.1	22	J	6.9
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5	1.5	J	1.5
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.5	U	1.5	7.9		1.5	< 1.5	U	1.5	12		1.4
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.5	J	2	5.6	J	2	4.5	J	2.1	6.2	J	2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.3	U	3.3	< 3.3	U	3.3	< 3.4	U	3.4	< 3.3	U	3.3
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6.1	U	6.1	< 6.1	U	6.1	< 6.2	U	6.2	< 6.1	U	6.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N27E1			SB-N27N1			SB-N27S1			SB-N27W1		
	Sample Date:		PADEP MSCs					05/28/2008			05/28/2008			05/28/2008			05/28/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			8			8			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			10			10			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6	< 2.5	U	2.5
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.4	U	2.4	12		2.4	< 2.4	U	2.4	20		2.4
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	2.3	J	1.8	3.6	J	1.8	2.9	J	1.8	3.7	J	1.8
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.7	U	1.7	< 1.6	U	1.6	< 1.7	U	1.7	< 1.6	U	1.6
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.3	U	1.3	4.4	J	1.3	< 1.3	U	1.3	9.1		1.3
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1	< 2	U	2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	2.4	J	1.8	6.7	J	1.8	3.7	J	1.8	7.4		1.8
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.92	U	0.92	< 0.92	U	0.92	< 0.94	U	0.94	< 0.91	U	0.91
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.9	U	0.9	< 0.9	U	0.9	< 0.92	U	0.92	< 0.9	U	0.9
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2	U	2	< 2	U	2	< 2	U	2	< 2	U	2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.7	U	2.7	< 2.7	U	2.7	< 2.8	U	2.8	< 2.7	U	2.7
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	6	J	1.8	16		1.8	6.8	J	1.8	18		1.8
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.3	U	2.3	12		2.3	< 2.3	U	2.3	17		2.2

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N28			SB-N29			SB-N3			SB-N30		
	Sample Date:		PADEP MSCs					05/22/2008			05/23/2008			05/19/2008			05/23/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				S			14			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			16			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	7,950		0.27	6,690		0.27	9,570		0.32	8,130		0.27
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	1.9	L	0.0037	0.29	L	0.0038	0.89		0.0045	0.87	L	0.0038
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	20.5	J	0.019	18.2	J	0.019	5.7	K	0.022	71.7	J	0.019
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	201		0.0087	35.1	K	0.0089	77.3		0.01	42.3	K	0.0089
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.7		0.0042	0.66	L	0.0043	0.67		0.005	0.46	L	0.0043
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.87		0.01	0.38		0.01	0.55		0.012	0.29		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	14,600		2	1,830		2.1	4,580		2.4	1,580		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	90.2		0.009	10.5	K	0.0092	36.6		0.011	13.4	K	0.0092
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	9.3		0.0028	6.9		0.0029	11.2		0.0034	10.3		0.0029
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	73.7		0.0096	15.2	J	0.0098	49.1	K	0.012	31.3	J	0.0098
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	61,800		1.6	94,500		3.3	52,500		2	56,000		1.7
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	215		0.0038	18.6		0.0039	46.1		0.0046	68.5		0.0039
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,820		0.43	1,890		0.44	2,400		0.51	2,030		0.44
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	971		0.016	1,890		0.17	317	K	0.02	609		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	42.1		0.0077	16.8		0.0078	34.2		0.0092	23.1		0.0079
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	688		1.1	796		1.1	818		1.3	911		1.1
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.57		0.046	0.94		0.047	1		0.055	0.91		0.047
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.083	J	0.0027	< 0.021	B	0.021	0.068	J	0.0032	< 0.016	B	0.016
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	180		0.82	88	L	0.84	71.8		0.98	62.1	L	0.84
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.16		0.0023	0.12		0.0023	0.16		0.0027	0.14		0.0023
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	15.7		0.0065	22.7		0.0067	25.2		0.0078	15.1		0.0067
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	152		0.013	63.8	J	0.013	178		0.016	165	J	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.05		0.008	0.024	J	0.0082	0.032	J	0.0096	0.033	J	0.0082
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.45	B	0.45	< 0.12	B	0.12	< 0.18	B	0.18	< 0.18	B	0.18
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.84	U	0.84	< 0.17	U	0.17	1.3	J	0.2	< 0.17	U	0.17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.57	U	0.57	< 0.11	U	0.11	< 0.14	U	0.14	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	5.9	J	1.3	< 0.26	U	0.26	0.6	J	0.31	< 0.26	U	0.26
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 1	U	1	< 0.2	U	0.2	3.6		0.24	< 0.2	U	0.2
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 1.4	U	1.4	< 0.29	U	0.29	< 0.34	U	0.34	< 0.29	U	0.29
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.59	U	0.59	< 0.12	U	0.12	< 0.14	U	0.14	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.98	U	0.98	< 0.2	U	0.2	< 0.24	U	0.24	< 0.2	U	0.2
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 1.1	U	1.1	1.7	J	0.22	< 0.27	U	0.27	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 2.2	U	2.2	< 0.44	U	0.44	< 0.52	U	0.52	< 0.44	U	0.44
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N28			SB-N29			SB-N3			SB-N30		
	Sample Date:		Non-Residential					05/22/2008			05/23/2008			05/19/2008			05/23/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			14			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			16			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.7	U	0.7	< 0.14	U	0.14	< 0.17	U	0.17	< 0.14	U	0.14
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 1.5	U	1.5	< 0.31	U	0.31	< 0.37	U	0.37	< 0.31	U	0.31
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.75	U	0.75	< 0.15	U	0.15	< 0.18	U	0.18	< 0.15	U	0.15
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.2	U	1.2	< 0.24	U	0.24	< 0.29	U	0.29	< 0.24	U	0.24
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.1	U	1.1	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	9.3	J	1.3	< 0.26	U	0.26	< 0.31	U	0.31	0.44	J	0.27
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.96	U	0.96	NA	NA	NA	0.92	J	0.23	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 1.2	U	1.2	< 0.24	U	0.24	< 0.29	U	0.29	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.94	U	0.94	< 0.19	U	0.19	< 0.23	U	0.23	< 0.19	U	0.19
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 3.9	U	3.9	< 0.79	U	0.79	< 0.94	U	0.94	< 0.8	U	0.8
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 65	U	65	< 13	U	13	< 16	U	16	< 13	U	13
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.8	U	2.8	< 2.8	U	2.8	< 3.4	U	3.4	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.6	U	3.6	< 3.6	U	3.6	< 4.3	U	4.3	< 3.7	U	3.7
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.2	U	3.2	< 3.3	U	3.3	< 3.9	U	3.9	< 3.3	U	3.3
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.1	U	3.1	< 3.1	U	3.1	< 3.7	U	3.7	< 3.1	U	3.1
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.8	U	1.8	< 1.8	U	1.8	< 2.1	U	2.1	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.7	U	2.7	< 2.7	U	2.7	< 3.2	U	3.2	< 2.7	U	2.7
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	27	J	2.7	< 2.7	U	2.7	6.3	J	3.2	< 2.7	U	2.7
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.5	U	0.5	< 0.49	U	0.49	< 0.61	U	0.61	< 0.45	U	0.45
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.75	U	0.75	< 0.72	U	0.72	< 0.89	U	0.89	< 0.67	U	0.67
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.86	U	0.86	< 0.83	U	0.83	< 1	U	1	< 0.78	U	0.78
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.6	U	0.6	< 0.58	U	0.58	< 0.72	U	0.72	< 0.54	U	0.54
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.88	U	0.88	< 0.85	U	0.85	< 1.1	U	1.1	< 0.79	U	0.79
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.92	U	0.92	< 0.89	U	0.89	< 1.1	U	1.1	< 0.82	U	0.82
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.78	U	0.78	< 0.75	U	0.75	< 0.93	U	0.93	< 0.7	U	0.7
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.9	U	0.9	< 0.87	U	0.87	< 1.1	U	1.1	< 0.81	U	0.81
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.83	U	0.83	< 0.8	U	0.8	< 0.99	U	0.99	< 0.75	U	0.75
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.64	U	0.64	< 0.62	U	0.62	< 0.76	U	0.76	< 0.57	U	0.57
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.56	U	0.56	< 0.55	U	0.55	< 0.68	U	0.68	< 0.51	U	0.51
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.68	U	0.68	< 0.66	U	0.66	< 0.82	U	0.82	< 0.61	U	0.61
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.66	U	0.66	< 0.64	U	0.64	< 0.79	U	0.79	< 0.6	U	0.6
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.92	U	0.92	< 0.88	U	0.88	< 1.1	U	1.1	< 0.82	U	0.82
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.72	U	0.72	< 0.69	U	0.69	< 0.86	U	0.86	< 0.65	U	0.65
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.68	U	0.68	< 0.65	U	0.65	< 0.81	U	0.81	< 0.61	U	0.61
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 5.2	U	5.2	< 5	U	5	11	J	6.2	< 4.7	U	4.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N28			SB-N29			SB-N3			SB-N30		
	Sample Date:							05/22/2008			05/23/2008			05/19/2008			05/23/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			14			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			16			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.7	U	0.7	< 0.68	U	0.68	< 0.84	U	0.84	< 0.63	U	0.63
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.58	U	0.58	< 0.56	U	0.56	< 0.7	U	0.7	< 0.52	U	0.52
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.46	U	0.46	< 0.44	U	0.44	< 0.55	U	0.55	< 0.41	U	0.41
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.77	U	0.77	< 0.74	U	0.74	< 0.92	U	0.92	< 0.69	U	0.69
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.53	U	0.53	< 0.51	U	0.51	< 0.64	U	0.64	< 0.48	U	0.48
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.46	U	0.46	< 0.45	U	0.45	< 0.56	U	0.56	< 0.42	U	0.42
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.79	U	0.79	< 0.76	U	0.76	< 0.94	U	0.94	< 0.71	U	0.71
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.6	U	1.6	< 1.6	U	1.6	< 1.9	U	1.9	< 1.4	U	1.4
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.61	U	0.61	< 0.59	U	0.59	< 0.73	U	0.73	< 0.55	U	0.55
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.88	U	0.88	< 0.85	U	0.85	< 1.1	U	1.1	< 0.8	U	0.8
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.73	U	0.73	< 0.71	U	0.71	< 0.88	U	0.88	< 0.66	U	0.66
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.7	U	0.7	< 0.68	U	0.68	< 0.84	U	0.84	< 0.63	U	0.63
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.39	U	0.39	< 0.37	U	0.37	< 0.46	U	0.46	< 0.35	U	0.35
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.74	U	0.74	< 0.71	U	0.71	< 0.88	U	0.88	< 0.66	U	0.66
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.69	U	0.69	< 0.67	U	0.67	< 0.83	U	0.83	< 0.62	U	0.62
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.67	U	0.67	< 0.65	U	0.65	< 0.8	U	0.8	< 0.6	U	0.6
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.1	U	1.1	< 1.1	U	1.1	< 1.3	U	1.3	< 1	U	1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.7	U	0.7	< 0.68	U	0.68	< 0.84	U	0.84	< 0.63	U	0.63
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.94	U	0.94	< 0.9	U	0.9	< 1.1	U	1.1	< 0.84	U	0.84
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.75	U	0.75	< 0.73	U	0.73	< 0.9	U	0.9	< 0.68	U	0.68
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.78	U	0.78	< 0.75	U	0.75	< 0.93	U	0.93	< 0.7	U	0.7
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 0.7	U	0.7	< 1.7	B	1.7	< 1.1	B	1.1	< 1.9	B	1.9
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.55	U	0.55	< 0.53	U	0.53	< 0.66	U	0.66	< 0.5	U	0.5
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.71	U	0.71	< 0.68	U	0.68	< 0.85	U	0.85	< 0.64	U	0.64
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.76	U	0.76	< 0.73	U	0.73	< 0.91	U	0.91	< 0.68	U	0.68
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.62	U	0.62	< 0.6	U	0.6	< 0.74	U	0.74	< 0.56	U	0.56
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.62	U	0.62	< 0.6	U	0.6	< 0.74	U	0.74	< 0.56	U	0.56
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.68	U	0.68	< 0.66	U	0.66	< 0.82	U	0.82	< 0.62	U	0.62
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.95	U	0.95	< 0.92	U	0.92	< 1.1	U	1.1	< 0.86	U	0.86
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.49	U	0.49	< 0.47	U	0.47	< 0.58	U	0.58	< 0.44	U	0.44
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.3	U	2.3	< 2.2	U	2.2	< 2.8	U	2.8	< 2.1	U	2.1
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 15	U	15	< 3.1	U	3.1	< 3.7	U	3.7	< 3.2	U	3.2
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 15	U	15	< 3.1	U	3.1	< 3.6	U	3.6	< 3.1	U	3.1
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 5.6	U	5.6	< 1.1	U	1.1	< 1.3	U	1.3	< 1.1	U	1.1
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 8	U	8	< 1.6	U	1.6	< 1.9	U	1.9	< 1.6	U	1.6
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 220	U	220	< 45	U	45	< 53	U	53	< 45	U	45
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 9.7	U	9.7	< 2	U	2	< 2.3	U	2.3	< 2	U	2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 12	U	12	< 2.4	U	2.4	< 2.9	U	2.9	< 2.5	U	2.5
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 11	U	11	< 2.2	U	2.2	< 2.6	U	2.6	< 2.2	U	2.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N28			SB-N29			SB-N3			SB-N30		
	Sample Date:			PADEP MSCs				05/22/2008			05/23/2008			05/19/2008			05/23/2008		
	Matrix Code:			Non-Residential				SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			14			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			16			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 9.4	U	9.4	< 1.9	U	1.9	< 2.3	U	2.3	< 1.9	U	1.9
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	100		10	< 2.1	U	2.1	22		2.5	2.2	J	2.1
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 12	U	12	< 2.4	U	2.4	< 2.8	U	2.8	< 2.4	U	2.4
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 11	U	11	< 2.3	U	2.3	< 2.7	U	2.7	< 2.3	U	2.3
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 15	U	15	< 3	U	3	< 3.6	U	3.6	< 3	U	3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 42	U	42	< 8.5	U	8.5	< 10	U	10	< 8.6	U	8.6
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 16	U	16	< 3.2	U	3.2	< 3.8	U	3.8	< 3.3	U	3.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 130	U	130	< 27	U	27	< 32	U	32	< 27	U	27
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 8.4	U	8.4	< 1.7	U	1.7	< 2	U	2	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 11	U	11	< 2.3	U	2.3	< 2.7	U	2.7	< 2.3	U	2.3
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 16	U	16	< 3.3	U	3.3	< 3.9	U	3.9	< 3.3	U	3.3
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9.3	U	9.3	< 1.9	U	1.9	< 2.2	U	2.2	< 1.9	U	1.9
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 12	U	12	< 2.4	U	2.4	14	J	2.8	< 2.4	U	2.4
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 7.9	U	7.9	< 1.6	U	1.6	< 1.9	U	1.9	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 15	U	15	< 3	U	3	< 3.5	U	3.5	< 3	U	3
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	20	J	9.7	< 2	U	2	< 2.3	U	2.3	< 2	U	2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	43		11	< 2.2	U	2.2	< 2.6	U	2.6	< 2.2	U	2.2
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	13	J	11	< 2.3	U	2.3	< 2.7	U	2.7	< 2.3	U	2.3
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	90		11	< 2.2	U	2.2	31		2.5	< 2.2	U	2.2
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 13	U	13	< 2.6	U	2.6	< 3.1	U	3.1	< 2.6	U	2.6
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 20	U	20	< 4	U	4	22	J	4.8	4.9	J	4.1
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	150		7.4	< 1.5	U	1.5	62		1.8	< 1.5	U	1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	120		5.8	< 1.2	U	1.2	200		1.4	< 1.2	U	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	250		7.2	< 1.5	U	1.5	90		1.7	14		1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	130		6.4	< 1.3	U	1.3	37		1.5	1.5	J	1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 6	U	6	< 1.2	U	1.2	< 1.4	U	1.4	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	14	J	10	< 2.1	U	2.1	< 2.5	U	2.5	< 2.1	U	2.1
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 8.7	U	8.7	< 1.8	U	1.8	< 2.1	U	2.1	< 1.8	U	1.8
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 4.2	U	4.2	< 0.85	U	0.85	< 1	U	1	< 0.86	U	0.86
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 11	U	11	< 2.3	U	2.3	< 2.7	U	2.7	< 2.3	U	2.3
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	400		14	16	J	2.9	68		3.4	30	J	2.9
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 15	U	15	4.4	J	3	< 3.6	U	3.6	5.6	J	3.1
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 35	U	35	16	J	7.2	< 8.5	U	8.5	18	J	7.2
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	31	J	7.7	< 1.6	U	1.6	< 1.8	U	1.8	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	160		7.4	< 1.5	U	1.5	95		1.8	2.7	J	1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	27	J	12	< 2.4	U	2.4	< 2.8	U	2.8	< 2.4	U	2.4
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	41	J	10	< 2.1	U	2.1	< 2.5	U	2.5	2.9	J	2.1
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 17	U	17	< 3.4	U	3.4	< 4	U	4	< 3.4	U	3.4
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 11	U	11	< 2.1	U	2.1	< 2.5	U	2.5	< 2.2	U	2.2
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 31	U	31	< 6.3	U	6.3	< 7.4	U	7.4	< 6.3	U	6.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N28			SB-N29			SB-N3			SB-N30		
	Sample Date:		PADEP MSCs					05/22/2008			05/23/2008			05/19/2008			05/23/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				5			14			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				7			16			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 13	U	13	< 2.6	U	2.6	< 3.1	U	3.1	< 2.7	U	2.7
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	310		12	< 2.4	U	2.4	200		2.9	3	J	2.5
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	23	J	9.1	16		1.8	25		2.2	17		1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 11	U	11	< 2.3	U	2.3	< 2.7	U	2.7	< 2.3	U	2.3
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 11	U	11	< 2.3	U	2.3	< 2.7	U	2.7	< 2.3	U	2.3
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 8.6	U	8.6	< 1.7	U	1.7	< 2.1	U	2.1	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 8.4	U	8.4	< 1.7	U	1.7	< 2	U	2	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	120		6.6	< 1.3	U	1.3	39		1.6	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 10	U	10	< 2.1	U	2.1	< 2.5	U	2.5	< 2.1	U	2.1
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	65		9.1	< 1.8	U	1.8	21		2.2	2.2	J	1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 4.7	U	4.7	< 0.94	U	0.94	< 1.1	U	1.1	< 0.95	U	0.95
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 4.6	U	4.6	< 0.93	U	0.93	< 1.1	U	1.1	< 0.94	U	0.94
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 10	U	10	< 2.1	U	2.1	< 2.4	U	2.4	< 2.1	U	2.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 14	U	14	< 2.8	U	2.8	< 3.3	U	3.3	< 2.8	U	2.8
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	190		9	2.6	J	1.8	110		2.2	5.2	J	1.8
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 11	U	11	< 2.3	U	2.3	< 2.7	U	2.7	< 2.3	U	2.3
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	170		11	< 2.3	U	2.3	99		2.7	< 2.3	U	2.3

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N31			SB-N32			SB-N33			SB-N34		
	Sample Date:			PADEP MSCs				05/23/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:			Non-Residential				SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			7			14			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			9			16			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	5,830		0.26	8,310		0.27	4,350		0.26	5,080		0.26
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.23	L	0.0037	0.14	L	0.0037	0.073	L	0.0036	0.11	L	0.0037
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	12.1	J	0.018	9.3	K	0.019	3.9	K	0.018	6.2	K	0.018
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	20.3	K	0.0085	26.5		0.0087	14.6		0.0084	14.4		0.0086
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.29	L	0.0041	0.4		0.0042	0.18		0.004	0.26		0.0041
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.14		0.01	0.27		0.01	0.064	J	0.0099	0.097	J	0.01
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	26,400		2	1,080		2	20,200		1.9	1,090		2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	10.6	K	0.0089	12	K	0.0091	6.1	K	0.0087	8.8	K	0.0089
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	6.4		0.0028	6.9		0.0028	3.3		0.0027	4.6		0.0028
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	18	J	0.0094	25.3	K	0.0097	9.5	K	0.0093	11.9	K	0.0095
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	27,700		0.32	23,400		0.33	10,100		0.32	13,600		0.32
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	19.3		0.0038	12.2		0.0039	5.6		0.0037	9.3		0.0038
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	12,900		0.42	2,310		0.43	5,890		0.41	1,590		0.42
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	475		0.016	484		0.016	235		0.016	219		0.016
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	14		0.0075	17.2		0.0077	8		0.0074	10.7		0.0076
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	689		1.1	686		1.1	580		1.1	678		1.1
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.31	J	0.045	0.86		0.046	< 0.15	B	0.15	0.34	J	0.045
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	< 0.017	B	0.017	0.026	J	0.0027	0.015	J	0.0026	0.012	J	0.0027
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	48.7	L	0.8	33.7		0.82	44.1		0.79	27.9		0.81
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.1	J	0.0022	0.12		0.0023	0.06	J	0.0022	0.068	J	0.0022
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	15.1		0.0064	15.6		0.0066	7.4		0.0063	9.7		0.0065
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	54.7	J	0.013	67.1	K	0.013	22.3	K	0.013	35.4	K	0.013
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.016	J	0.0079	< 0.023	B	0.023	< 0.0078	U	0.0078	< 0.012	B	0.012
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.13	B	0.13	< 0.13	B	0.13	< 0.1	UL	0.1	< 0.11	UL	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.16	U	0.16	< 0.17	U	0.17	< 0.16	U	0.16	< 0.17	U	0.17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	1.3	J	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.25	U	0.25	< 0.26	U	0.26	< 0.25	U	0.25	< 0.25	U	0.25
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.19	U	0.19	< 0.2	U	0.2	< 0.19	U	0.19	< 0.2	U	0.2
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.28	U	0.28	< 0.29	U	0.29	< 0.28	U	0.28	< 0.28	U	0.28
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.11	U	0.11	< 0.12	U	0.12	< 0.11	U	0.11	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.19	U	0.19	< 0.2	U	0.2	< 0.19	U	0.19	< 0.19	U	0.19
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.21	U	0.21	1.4	J	0.22	< 0.21	U	0.21	< 0.22	U	0.22
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.42	U	0.42	< 0.44	U	0.44	< 0.42	U	0.42	< 0.43	U	0.43
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.19	U	0.19	< 0.2	U	0.2	< 0.19	U	0.19	< 0.2	U	0.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N31			SB-N32			SB-N33			SB-N34		
	Sample Date:		PADEP MSCs					05/23/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			7			14			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			9			16			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.13	U	0.13	< 0.14	U	0.14	< 0.14	U	0.14	< 0.14	U	0.14
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.29	U	0.29	< 0.31	U	0.31	< 0.3	U	0.3	< 0.3	U	0.3
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.14	U	0.14	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	U	0.23	< 0.24	U	0.24	< 0.23	U	0.23	< 0.24	U	0.24
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.21	U	0.21	< 0.22	U	0.22	< 0.21	U	0.21	< 0.22	U	0.22
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.25	U	0.25	< 0.26	U	0.26	< 0.25	U	0.25	< 0.26	U	0.26
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.19	U	0.19	< 0.19	U	0.19	< 0.19	U	0.19	< 0.19	U	0.19
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.23	U	0.23	< 0.24	U	0.24	< 0.23	U	0.23	< 0.24	U	0.24
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.18	U	0.18	< 0.19	U	0.19	< 0.18	U	0.18	< 0.19	U	0.19
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.75	U	0.75	< 0.79	U	0.79	< 0.76	U	0.76	< 0.77	U	0.77
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 13	U	13	< 13	U	13	< 13	U	13	< 13	U	13
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.7	U	2.7	< 2.8	U	2.8	< 2.7	U	2.7	< 2.8	U	2.8
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.5	U	3.5	< 3.6	U	3.6	< 3.5	U	3.5	< 3.5	U	3.5
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.1	U	3.1	< 3.2	U	3.2	< 3.1	U	3.1	< 3.2	U	3.2
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3	U	3	< 3.1	U	3.1	< 3	U	3	< 3	U	3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.7	U	1.7	< 1.8	U	1.8	< 1.7	U	1.7	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.6	U	2.6	< 2.7	U	2.7	< 2.6	U	2.6	< 2.6	U	2.6
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.6	U	2.6	< 2.7	U	2.7	< 2.6	U	2.6	< 2.6	U	2.6
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.5	U	0.5	< 0.49	U	0.49	< 0.46	U	0.46	< 0.49	U	0.49
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.74	U	0.74	< 0.72	U	0.72	< 0.68	U	0.68	< 0.73	U	0.73
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.86	U	0.86	< 0.83	U	0.83	< 0.79	U	0.79	< 0.84	U	0.84
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.59	U	0.59	< 0.58	U	0.58	< 0.55	U	0.55	< 0.58	U	0.58
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.88	U	0.88	< 0.85	U	0.85	< 0.81	U	0.81	< 0.86	U	0.86
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.91	U	0.91	< 0.88	U	0.88	< 0.84	U	0.84	< 0.89	U	0.89
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.77	U	0.77	< 0.75	U	0.75	< 0.71	U	0.71	< 0.76	U	0.76
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.89	U	0.89	< 0.86	U	0.86	< 0.82	U	0.82	< 0.88	U	0.88
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.82	U	0.82	< 0.8	U	0.8	< 0.76	U	0.76	< 0.81	U	0.81
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.63	U	0.63	< 0.61	U	0.61	< 0.58	U	0.58	< 0.62	U	0.62
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.56	U	0.56	< 0.54	U	0.54	< 0.52	U	0.52	< 0.55	U	0.55
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.68	U	0.68	< 0.66	U	0.66	< 0.62	U	0.62	< 0.67	U	0.67
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.66	U	0.66	< 0.64	U	0.64	< 0.61	U	0.61	< 0.65	U	0.65
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.91	U	0.91	< 0.88	U	0.88	< 0.84	U	0.84	< 0.89	U	0.89
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.71	U	0.71	< 0.69	U	0.69	< 0.66	U	0.66	< 0.7	U	0.7
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.67	U	0.67	< 0.65	U	0.65	< 0.62	U	0.62	< 0.66	U	0.66
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 5.2	U	5.2	< 5	U	5	< 4.8	U	4.8	5.6	J	5.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N31			SB-N32			SB-N33			SB-N34		
	Sample Date:							05/23/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			7			14			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			9			16			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.7	U	0.7	< 0.67	U	0.67	< 0.64	U	0.64	< 0.68	U	0.68
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.58	U	0.58	< 0.56	U	0.56	< 0.53	U	0.53	< 0.57	U	0.57
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.46	U	0.46	< 0.44	U	0.44	< 0.42	U	0.42	< 0.45	U	0.45
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.76	U	0.76	< 0.74	U	0.74	< 0.7	U	0.7	< 0.75	U	0.75
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.53	U	0.53	< 0.51	U	0.51	< 0.49	U	0.49	< 0.52	U	0.52
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.46	U	0.46	< 0.45	U	0.45	< 0.42	U	0.42	< 0.45	U	0.45
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.78	U	0.78	< 0.76	U	0.76	< 0.72	U	0.72	< 0.77	U	0.77
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.6	U	1.6	< 1.5	U	1.5	< 1.5	U	1.5	< 1.6	U	1.6
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.6	U	0.6	< 0.58	U	0.58	< 0.56	U	0.56	< 0.59	U	0.59
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.88	U	0.88	< 0.85	U	0.85	< 0.81	U	0.81	< 0.86	U	0.86
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.73	U	0.73	< 0.7	U	0.7	< 0.67	U	0.67	< 0.71	U	0.71
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.7	U	0.7	< 0.68	U	0.68	< 0.64	U	0.64	< 0.69	U	0.69
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.38	U	0.38	< 0.37	U	0.37	< 0.35	U	0.35	< 0.38	U	0.38
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.73	U	0.73	< 0.71	U	0.71	< 0.67	U	0.67	< 0.72	U	0.72
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.69	U	0.69	< 0.67	U	0.67	< 0.63	U	0.63	< 0.68	U	0.68
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.66	U	0.66	< 0.64	U	0.64	< 0.61	U	0.61	< 0.65	U	0.65
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.1	U	1.1	< 1.1	U	1.1	< 1	U	1	< 1.1	U	1.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.7	U	0.7	< 0.68	U	0.68	< 0.65	U	0.65	< 0.69	U	0.69
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.93	U	0.93	< 0.9	U	0.9	< 0.86	U	0.86	< 0.91	U	0.91
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.75	U	0.75	< 0.72	U	0.72	< 0.69	U	0.69	< 0.74	U	0.74
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.77	U	0.77	< 0.75	U	0.75	< 0.71	U	0.71	< 0.76	U	0.76
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 2.1	B	2.1	< 0.85	B	0.85	< 1	B	1	< 1	B	1
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.55	U	0.55	< 0.53	U	0.53	< 0.51	U	0.51	< 0.54	U	0.54
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	3.2	J	0.7	< 0.68	U	0.68	< 0.65	U	0.65	5.7		0.69
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.75	U	0.75	< 0.73	U	0.73	< 0.69	U	0.69	< 0.74	U	0.74
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.62	U	0.62	< 0.6	U	0.6	< 0.57	U	0.57	< 0.6	U	0.6
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.62	U	0.62	< 0.6	U	0.6	< 0.57	U	0.57	< 0.61	U	0.61
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.68	U	0.68	< 0.66	U	0.66	< 0.63	U	0.63	< 0.67	U	0.67
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.95	U	0.95	< 0.92	U	0.92	< 0.87	U	0.87	< 0.93	U	0.93
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.48	U	0.48	< 0.47	U	0.47	< 0.45	U	0.45	< 0.48	U	0.48
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.3	U	2.3	< 2.2	U	2.2	< 2.1	U	2.1	< 2.3	U	2.3
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3	U	3	< 3.1	U	3.1	< 3	U	3	< 3.1	U	3.1
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3	U	3	< 3	U	3	< 2.9	U	2.9	< 3	U	3
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.1	U	1.1	< 1.1	U	1.1	< 1.1	U	1.1	< 1.1	U	1.1
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 43	U	43	< 45	U	45	< 43	U	43	< 44	U	44
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3	< 2.4	U	2.4
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1	< 2.1	U	2.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N31			SB-N32			SB-N33			SB-N34		
	Sample Date:							05/23/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				16			7			14			8		
	End Depth:		Subsurface Soil					18			9			16			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 1.9	U	1.9	< 1.9	U	1.9	< 1.8	U	1.8	< 1.9	U	1.9
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	2.9	J	2	< 2.1	U	2.1	< 2	U	2	< 2	U	2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 2.9	U	2.9	< 3	U	3	< 2.9	U	2.9	< 2.9	U	2.9
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.3	U	8.3	< 8.5	U	8.5	< 8.1	U	8.1	< 8.3	U	8.3
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1	< 3.2	U	3.2
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 27	U	27	< 26	U	26	< 26	U	26
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.7	U	1.7	< 1.6	U	1.6	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 2.3	U	2.3
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1	< 3.2	U	3.2
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.9	U	1.9	< 1.8	U	1.8	< 1.8	U	1.8
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.3	U	2.3	< 2.4	U	2.4	2.4	J	2.3	< 2.3	U	2.3
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.5	U	1.5	< 1.6	U	1.6	< 1.5	U	1.5	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 2.9	U	2.9	< 2.9	U	2.9	< 2.8	U	2.8	< 2.9	U	2.9
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 1.9	U	1.9	< 2	U	2	< 1.9	U	1.9	< 1.9	U	1.9
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1	< 2.2	U	2.2
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	4.3	J	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.5	U	2.5	< 2.6	U	2.6	< 2.5	U	2.5	< 2.5	U	2.5
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	5.6	J	3.9	6.9	J	4	7.2	J	3.8	6.4	J	3.9
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	2.4	J	1.5	< 1.5	U	1.5	6	J	1.4	< 1.5	U	1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.1	U	1.1	< 1.2	U	1.2	2.7	J	1.1	< 1.1	U	1.1
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	15		1.4	< 1.4	U	1.4	< 1.4	U	1.4	< 1.4	U	1.4
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	2.6	J	1.3	< 1.3	U	1.3	< 1.2	U	1.2	< 1.3	U	1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2	U	2	< 2.1	U	2.1	< 2	U	2	< 2	U	2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.8	U	1.8	< 1.7	U	1.7	< 1.7	U	1.7
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.83	U	0.83	< 0.85	U	0.85	< 0.82	U	0.82	< 0.83	U	0.83
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	240		2.8	64		2.9	20	J	2.8	74		2.8
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	15	J	3	8.6	J	3	< 2.9	U	2.9	9.7	J	3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	18	J	7	26	J	7.1	< 6.9	U	6.9	18	J	7
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	4.1	J	1.5	< 1.5	U	1.5	< 1.4	U	1.4	< 1.5	U	1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	6.6	J	2.3	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.2	J	2	< 2.1	U	2.1	< 2	U	2	< 2	U	2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.3	U	3.3	5.4	J	3.4	< 3.2	U	3.2	< 3.3	U	3.3
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 2.1	U	2.1	< 2	U	2	< 2.1	U	2.1
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6.1	U	6.1	< 6.2	U	6.2	< 6	U	6	< 6.1	U	6.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N31			SB-N32			SB-N33			SB-N34		
	Sample Date:							05/23/2008			05/21/2008			05/21/2008			05/21/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			7			14			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			9			16			10		
Chemical Name	**cas_rn**	**Units**	**2-15 feet**	**100 X GW MSC**	**Generic Value**	**Max**	**1/10 Generic**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.6	U	2.6	< 2.6	U	2.6	< 2.5	U	2.5	7.5	J	2.6
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	4.1	J	2.4	< 2.4	U	2.4	< 2.3	U	2.3	< 2.4	U	2.4
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	16		1.8	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2	< 2.3	U	2.3
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.6	U	1.6	< 1.7	U	1.7	< 1.6	U	1.6	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	5.5	J	1.3	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2	U	2	< 2.1	U	2.1	< 2	U	2	< 2.1	U	2.1
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	3.4	J	1.8	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.92	U	0.92	< 0.94	U	0.94	< 0.9	U	0.9	< 0.92	U	0.92
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.9	U	0.9	< 0.92	U	0.92	< 0.89	U	0.89	< 0.9	U	0.9
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2	U	2	< 2	U	2	< 2	U	2	< 2	U	2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.7	U	2.7	< 2.8	U	2.8	< 2.7	U	2.7	< 2.8	U	2.8
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	8.8		1.8	3.2	J	1.8	4.3	J	1.7	4.5	J	1.8
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	3.6	J	2.3	< 2.3	U	2.3	< 2.2	U	2.2	< 2.3	U	2.3

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N3S			SB-N36			SB-N37			SB-N38		
	Sample Date:			Non-Residential				05/21/2008			05/21/2008			05/29/2008			06/06/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			7			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			9			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	7,140		0.26	8,130		0.27	6,900		0.28	13,600		0.35
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.19	L	0.0036	0.13	L	0.0038	< 0.19	B	0.19	0.94	L	0.005
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	13	K	0.018	13.5	K	0.019	12.6	J	0.02	19.8	L	0.025
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	20.9		0.0085	33		0.0088	27.5		0.0092	132		0.012
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.35		0.0041	0.33		0.0042	0.39	L	0.0044	0.85		0.0056
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.19		0.01	0.11		0.01	0.096	J	0.011	0.44		0.014
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	709		2	901		2	872		2.1	2,450		2.7
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	11.3	K	0.0088	11.8	K	0.0092	11	K	0.0096	22.8	K	0.012
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	7.5		0.0028	6.4		0.0029	13.8		0.003	9.8		0.0038
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	22.2	K	0.0094	13.7	K	0.0098	17.5		0.01	65.4		0.013
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	23,900		0.32	16,400		0.33	25,900		0.34	33,200		0.43
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	14.9		0.0037	10.7		0.0039	12.3		0.0041	133		0.0051
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,220		0.42	2,480		0.44	2,050	L	0.45	2,180		0.57
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	315		0.016	207		0.017	956		0.017	284		0.022
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	19.1		0.0075	15.4		0.0078	20.2		0.0081	24.3		0.01
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	685		1.1	677		1.1	892		1.2	1,280		1.5
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.71		0.045	0.51	J	0.047	0.25	L	0.048	1.4	L	0.061
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.015	J	0.0026	0.01	J	0.0028	0.006	J	0.0029	0.36		0.0036
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	25		0.8	83.3		0.83	48.3	J	0.86	107		1.1
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.095	J	0.0022	0.15		0.0023	0.14		0.0024	0.61		0.003
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	13.1		0.0064	13.1		0.0067	12.7		0.0069	30.6		0.0087
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	61.8	K	0.013	42.2	K	0.013	51.4	K	0.014	136		0.018
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	< 0.012	B	0.012	< 0.012	B	0.012	0.015	J	0.0085	0.5		0.011
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.11	UL	0.11	< 0.11	UL	0.11	< 0.2	B	0.2	0.15	J	0.14
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.16	UL	0.16	< 0.17	U	0.17	< 0.18	U	0.18	< 0.22	U	0.22
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.11	UL	0.11	< 0.12	U	0.12	< 0.12	U	0.12	< 0.15	U	0.15
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.25	UL	0.25	< 0.26	U	0.26	< 0.27	U	0.27	< 0.34	U	0.34
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.2	UL	0.2	< 0.2	U	0.2	< 0.21	U	0.21	< 0.26	U	0.26
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.28	UL	0.28	< 0.29	U	0.29	< 0.3	U	0.3	< 0.38	U	0.38
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.11	UL	0.11	< 0.12	U	0.12	< 0.12	U	0.12	< 0.15	U	0.15
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.19	UL	0.19	< 0.2	U	0.2	< 0.21	U	0.21	< 0.26	U	0.26
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.22	UL	0.22	< 0.23	U	0.23	< 0.23	U	0.23	< 0.29	U	0.29
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.42	UL	0.42	< 0.44	U	0.44	< 0.46	U	0.46	< 0.57	U	0.57
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.19	UL	0.19	< 0.2	U	0.2	0.36	J	0.21	< 0.26	U	0.26

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N35			SB-N36			SB-N37			SB-N38		
	Sample Date:							05/21/2008			05/21/2008			05/29/2008			06/06/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			7			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			9			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.14	UL	0.14	< 0.14	U	0.14	0.38	J	0.15	< 0.18	U	0.18
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.3	UL	0.3	< 0.31	U	0.31	3.2		0.32	< 0.4	U	0.4
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.15	UL	0.15	< 0.15	U	0.15	< 0.16	U	0.16	< 0.2	U	0.2
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	UL	0.23	< 0.24	U	0.24	< 0.25	U	0.25	< 0.31	U	0.31
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.21	UL	0.21	< 0.22	U	0.22	< 0.23	U	0.23	< 0.29	U	0.29
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.25	UL	0.25	< 0.27	U	0.27	< 0.27	U	0.27	0.82	J	0.34
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.19	UL	0.19	< 0.2	U	0.2	< 0.2	U	0.2	< 0.25	U	0.25
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.23	UL	0.23	< 0.24	U	0.24	< 0.25	U	0.25	< 0.32	U	0.32
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.18	UL	0.18	< 0.19	U	0.19	< 0.2	U	0.2	< 0.25	U	0.25
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.76	UL	0.76	< 0.8	U	0.8	1.3	J	0.82	< 1	U	1
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 13	UL	13	< 13	U	13	< 14	U	14	< 17	U	17
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.7	U	2.7	< 2.8	U	2.8	< 2.9	U	2.9	< 3.7	U	3.7
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.5	U	3.5	< 3.7	U	3.7	< 3.8	U	3.8	< 4.7	U	4.7
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.1	U	3.1	< 3.3	U	3.3	< 3.4	U	3.4	< 4.2	U	4.2
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3	U	3	< 3.1	U	3.1	< 3.2	U	3.2	< 4	U	4
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.7	U	1.7	< 1.8	U	1.8	< 1.9	U	1.9	< 2.3	U	2.3
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.6	U	2.6	< 2.7	U	2.7	< 2.8	U	2.8	< 3.5	U	3.5
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.6	U	2.6	< 2.7	U	2.7	< 2.8	U	2.8	< 3.5	U	3.5
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.5	U	0.5	< 0.49	U	0.49	< 9.6	U	9.6	< 0.85	U	0.85
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.74	U	0.74	< 0.72	U	0.72	< 8.3	U	8.3	< 1.3	U	1.3
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.85	U	0.85	< 0.83	U	0.83	< 10	U	10	< 1.4	U	1.4
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.59	U	0.59	< 0.57	U	0.57	40	J	7.4	< 1	U	1
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.87	U	0.87	< 0.85	U	0.85	< 8.4	U	8.4	< 1.5	U	1.5
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.9	U	0.9	< 0.88	U	0.88	< 12	U	12	< 1.5	U	1.5
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.77	U	0.77	< 0.75	U	0.75	< 61	U	61	< 1.3	U	1.3
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.88	U	0.88	< 0.86	U	0.86	< 10	U	10	< 1.5	U	1.5
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.82	U	0.82	< 0.8	U	0.8	< 17	U	17	< 1.4	U	1.4
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.63	U	0.63	< 0.61	U	0.61	< 9.4	U	9.4	< 1.1	U	1.1
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.56	U	0.56	< 0.54	U	0.54	< 7.5	U	7.5	< 0.95	U	0.95
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.67	U	0.67	< 0.66	U	0.66	< 7.3	U	7.3	< 1.1	U	1.1
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.65	U	0.65	< 0.64	U	0.64	< 8	U	8	< 1.1	U	1.1
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.9	U	0.9	< 0.88	U	0.88	< 50	U	50	< 1.5	U	1.5
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.71	U	0.71	< 0.69	U	0.69	< 24	U	24	< 1.2	U	1.2
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.67	U	0.67	< 0.65	U	0.65	< 11	U	11	< 1.1	U	1.1
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 5.1	U	5.1	< 5	U	5	< 350	B	350	21	J	8.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N35			SB-N36			SB-N37			SB-N38		
	Sample Date:			Non-Residential				05/21/2008			05/21/2008			05/29/2008			06/06/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			7			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			9			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.69	U	0.69	< 0.67	U	0.67	< 13	B	13	< 1.2	U	1.2
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.57	U	0.57	< 0.56	U	0.56	< 12	U	12	< 0.98	U	0.98
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.45	U	0.45	< 0.44	U	0.44	< 13	U	13	< 0.77	U	0.77
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.76	U	0.76	< 0.74	U	0.74	< 47	B	47	< 1.3	U	1.3
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.52	U	0.52	< 0.51	U	0.51	< 20	U	20	< 0.89	U	0.89
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.46	U	0.46	< 0.45	U	0.45	< 12	U	12	< 0.78	U	0.78
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.78	U	0.78	< 0.76	U	0.76	< 6.4	U	6.4	< 1.3	U	1.3
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.6	U	1.6	< 1.5	U	1.5	< 66	U	66	< 2.7	U	2.7
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.6	U	0.6	< 0.58	U	0.58	< 12	U	12	< 1	U	1
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.87	U	0.87	< 0.85	U	0.85	< 5.3	U	5.3	< 1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.72	U	0.72	< 0.7	U	0.7	62	J	14	< 1.2	U	1.2
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.69	U	0.69	< 0.68	U	0.68	< 5.6	U	5.6	< 1.2	U	1.2
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.38	U	0.38	< 0.37	U	0.37	< 7.8	U	7.8	< 0.65	U	0.65
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.73	U	0.73	< 0.71	U	0.71	< 7	U	7	< 1.2	U	1.2
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.68	U	0.68	< 0.67	U	0.67	< 5.5	U	5.5	< 1.2	U	1.2
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.66	U	0.66	< 0.64	U	0.64	< 6.9	U	6.9	< 1.1	U	1.1
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.1	U	1.1	< 1.1	U	1.1	< 10	U	10	< 1.9	U	1.9
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.69	U	0.69	< 0.68	U	0.68	< 5.2	U	5.2	< 1.2	U	1.2
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.92	U	0.92	< 0.9	U	0.9	< 53	U	53	< 1.6	U	1.6
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.74	U	0.74	< 0.72	U	0.72	< 5.8	U	5.8	< 1.3	U	1.3
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.77	U	0.77	< 0.75	U	0.75	< 10	U	10	< 1.3	U	1.3
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 0.72	B	0.72	< 3	B	3	< 100	U	100	< 3.7	B	3.7
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.54	U	0.54	< 0.53	U	0.53	< 28	U	28	< 0.93	U	0.93
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.7	U	0.7	< 0.68	U	0.68	620		9.1	< 1.2	U	1.2
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.75	U	0.75	< 0.73	U	0.73	< 9.2	U	9.2	< 1.3	U	1.3
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.61	U	0.61	< 0.6	U	0.6	< 11	U	11	< 1	U	1
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.61	U	0.61	< 0.6	U	0.6	< 5.5	U	5.5	< 1	U	1
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.67	U	0.67	< 0.66	U	0.66	< 12	U	12	< 1.1	U	1.1
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.94	U	0.94	< 0.92	U	0.92	< 8.4	U	8.4	< 1.6	U	1.6
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.48	U	0.48	< 0.47	U	0.47	120	J	16	< 0.82	U	0.82
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.3	U	2.3	< 2.2	U	2.2	< 15	U	15	< 3.9	U	3.9
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3	U	3	< 3.1	U	3.1	< 65	U	65	< 21	U	21
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 2.9	U	2.9	< 3.1	U	3.1	< 64	U	64	< 20	U	20
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.1	U	1.1	< 1.1	U	1.1	< 24	U	24	< 7.4	U	7.4
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 1.6	U	1.6	< 34	U	34	< 11	U	11
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 43	U	43	< 45	U	45	< 940	U	940	< 290	U	290
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 1.9	U	1.9	< 2	U	2	< 41	U	41	< 13	U	13
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.3	U	2.3	< 2.5	U	2.5	< 51	U	51	< 16	U	16
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.1	U	2.1	< 2.2	U	2.2	< 46	U	46	< 14	U	14

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N35			SB-N36			SB-N37			SB-N38		
	Sample Date:							05/21/2008			05/21/2008			05/29/2008			06/06/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			7			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			9			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 1.8	U	1.8	< 1.9	U	1.9	< 40	U	40	< 13	U	13
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2	U	2	< 2.1	U	2.1	< 44	U	44	120		14
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.3	U	2.3	< 2.4	U	2.4	< 50	U	50	< 16	U	16
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.2	U	2.2	< 2.3	U	2.3	< 48	U	48	< 15	U	15
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 2.9	U	2.9	< 3	U	3	< 63	U	63	< 20	U	20
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.2	U	8.2	< 8.6	U	8.6	< 180	U	180	< 56	U	56
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.1	U	3.1	< 3.3	U	3.3	< 68	U	68	< 21	U	21
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 27	U	27	< 560	U	560	< 180	U	180
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.6	U	1.6	< 1.7	U	1.7	< 36	U	36	< 11	U	11
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.2	U	2.2	< 2.3	U	2.3	< 48	U	48	< 15	U	15
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.1	U	3.1	< 3.3	U	3.3	< 68	U	68	< 21	U	21
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.9	U	1.9	< 39	U	39	< 12	U	12
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.3	U	2.3	2.9	J	2.4	< 50	U	50	< 16	U	16
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.5	U	1.5	< 1.6	U	1.6	< 33	U	33	< 10	U	10
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 2.8	U	2.8	< 3	U	3	< 62	U	62	< 19	U	19
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 1.9	U	1.9	< 2	U	2	< 41	U	41	93		13
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.1	U	2.1	< 2.2	U	2.2	< 46	U	46	73		14
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.2	U	2.2	< 2.3	U	2.3	< 48	U	48	17	J	15
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.1	U	2.1	< 2.2	U	2.2	< 45	U	45	320		14
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.5	U	2.5	< 2.6	U	2.6	< 55	U	55	< 17	U	17
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	7.6	J	3.9	9.8	J	4	< 84	U	84	49	J	26
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.4	U	1.4	< 1.5	U	1.5	< 31	U	31	790		9.8
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.1	U	1.1	< 1.2	U	1.2	< 24	U	24	630		7.7
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.4	U	1.4	< 1.5	U	1.5	< 30	U	30	1,000		9.6
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.2	U	1.2	< 1.3	U	1.3	< 27	U	27	480		8.5
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.2	U	1.2	< 1.2	U	1.2	< 25	U	25	< 8	U	8
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2	U	2	< 2.1	U	2.1	63	J	44	< 14	U	14
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.8	U	1.8	< 37	U	37	< 12	U	12
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.82	U	0.82	< 0.86	U	0.86	< 18	U	18	< 5.6	U	5.6
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.2	U	2.2	< 2.3	U	2.3	< 47	U	47	< 15	U	15
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	10	J	2.8	36	J	2.9	< 61	U	61	39	J	19
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	8.6	J	2.9	4.8	J	3.1	< 64	U	64	< 20	U	20
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	20	J	6.9	15	J	7.2	< 150	U	150	< 47	U	47
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.5	U	1.5	< 1.6	U	1.6	< 32	U	32	130		10
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.4	U	1.4	< 1.5	U	1.5	< 31	U	31	830		9.9
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.3	U	2.3	< 2.4	U	2.4	< 50	U	50	150		16
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 2.1	U	2.1	< 44	U	44	81	J	14
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.3	U	3.3	< 3.4	U	3.4	< 71	U	71	< 22	U	22
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 2.2	U	2.2	< 45	U	45	< 14	U	14
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6	U	6	< 6.3	U	6.3	< 130	U	130	< 41	U	41

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N35			SB-N36			SB-N37			SB-N38		
	Sample Date:							05/21/2008			05/21/2008			05/29/2008			06/06/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			7			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			9			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.5	U	2.5	< 2.7	U	2.7	< 55	U	55	< 17	U	17
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.4	U	2.4	< 2.5	U	2.5	< 51	U	51	1,900		16
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.8	U	1.8	< 1.8	U	1.8	< 38	U	38	140		12
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.2	U	2.2	< 2.3	U	2.3	< 48	U	48	< 15	U	15
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.2	U	2.2	< 2.3	U	2.3	< 48	U	48	< 15	U	15
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.7	U	1.7	< 1.7	U	1.7	< 36	U	36	< 11	U	11
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.6	U	1.6	< 1.7	U	1.7	< 35	U	35	< 11	U	11
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.3	U	1.3	< 1.4	U	1.4	< 28	U	28	470		8.8
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2	U	2	< 2.1	U	2.1	< 44	U	44	< 14	U	14
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	< 1.8	U	1.8	< 1.8	U	1.8	< 38	U	38	79		12
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.91	U	0.91	< 0.95	U	0.95	< 20	U	20	< 6.2	U	6.2
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.89	U	0.89	< 0.93	U	0.93	< 19	U	19	< 6.1	U	6.1
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2	U	2	< 2.1	U	2.1	< 43	U	43	< 13	U	13
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.7	U	2.7	< 2.8	U	2.8	< 59	U	59	< 19	U	19
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	4.1	J	1.7	3.5	J	1.8	250		38	1,200		12
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.2	U	2.2	< 2.3	U	2.3	< 48	U	48	< 15	U	15
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	< 2.3	U	2.3	150	J	48	1,100		15

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N39			SB-N4			SB-N40			SB-N41		
	Sample Date:							05/20/2008			05/22/2008			05/16/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				7			8			12			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				9			10			14			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	24,500		0.38	12,000		0.32	3,820		0.52	8,260		0.32
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.087	J	0.0053	0.3	L	0.0045	0.46	L	0.0072	1.7	J	0.0044
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	2.4	K	0.026	12.6	J	0.023	10.3		0.036	13.6	K	0.022
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	170	K	0.012	89.6		0.011	51.2		0.017	69.1	K	0.01
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.99		0.0059	0.7		0.0051	0.26		0.0081	0.61		0.005
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.85		0.015	0.42		0.012	0.29		0.02	0.25		0.012
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	4,440	L	2.9	2,740		2.4	49,200		3.9	1,790	L	2.4
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	25.9		0.013	19.9		0.011	9.2		0.018	16.6		0.011
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	5.2	K	0.004	13		0.0034	4.5		0.0055	6.7	K	0.0033
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	18.9		0.014	24.8		0.012	16.2	K	0.019	36.1		0.011
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	15,400		0.46	34,100		0.4	27,500		0.63	38,600		0.39
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	30.4		0.0055	20.6		0.0047	14.9		0.0075	55.8		0.0046
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3,180		0.61	3,690		0.52	2,090		0.83	1,620		0.51
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	194		0.023	211		0.02	154		0.032	251		0.019
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	18.3	J	0.011	28.8		0.0093	13.6		0.015	16.8	J	0.0091
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,270		1.6	1,590		1.4	279		2.2	658		1.3
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	1.7		0.065	0.51	J	0.056	0.86	L	0.089	0.97		0.054
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.17	J	0.0038	0.068	J	0.0033	0.044	J	0.0053	0.038	J	0.0032
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	79.1	L	1.2	220		0.99	62.9		1.6	59.3	L	0.97
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.31		0.0032	0.22		0.0027	0.089	J	0.0044	0.18		0.0027
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	25.6	K	0.0093	25.5		0.008	10		0.013	17.6	K	0.0078
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	93.3		0.019	83.1		0.016	38.3	J	0.026	76.6		0.016
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.18		0.011	0.012	J	0.0097	0.035	J	0.016	0.091		0.0095
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.15	UJ	0.15	0.18	J	0.13	< 0.37	B	0.37	< 0.19	B	0.19
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.24	U	0.24	< 1	U	1	< 0.33	U	0.33	< 0.2	U	0.2
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.16	U	0.16	< 0.69	U	0.69	< 0.22	U	0.22	< 0.13	U	0.13
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.37	U	0.37	< 1.6	U	1.6	< 0.5	U	0.5	< 0.3	U	0.3
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.28	U	0.28	< 1.2	U	1.2	< 0.39	U	0.39	< 0.24	U	0.24
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.41	U	0.41	< 1.7	U	1.7	< 0.56	U	0.56	< 0.34	U	0.34
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.17	U	0.17	< 0.71	U	0.71	< 0.23	U	0.23	< 0.14	U	0.14
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.28	U	0.28	< 1.2	U	1.2	< 0.38	U	0.38	< 0.23	U	0.23
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.31	U	0.31	16		1.3	< 0.43	U	0.43	< 0.26	U	0.26
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	2.3	J	0.62	< 2.6	U	2.6	< 0.84	U	0.84	< 0.51	U	0.51
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.28	U	0.28	< 1.2	U	1.2	< 0.39	U	0.39	< 0.23	U	0.23

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N39			SB-N4			SB-N40			SB-N41		
	Sample Date:							05/20/2008			05/22/2008			05/16/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				7			8			12			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				9			10			14			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.2	U	0.2	< 0.85	U	0.85	< 0.27	U	0.27	< 0.16	U	0.16
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.43	U	0.43	< 1.9	U	1.9	< 0.59	U	0.59	< 0.36	U	0.36
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.21	U	0.21	< 0.91	U	0.91	< 0.29	U	0.29	< 0.18	U	0.18
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.34	U	0.34	< 1.5	U	1.5	< 0.46	U	0.46	< 0.28	U	0.28
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.31	U	0.31	1.5	J	1.3	< 0.43	U	0.43	< 0.26	U	0.26
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.37	U	0.37	< 1.6	U	1.6	< 0.51	U	0.51	< 0.31	U	0.31
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.27	U	0.27	< 1.2	U	1.2	< 0.37	U	0.37	< 0.23	U	0.23
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.34	U	0.34	< 1.5	U	1.5	< 0.47	U	0.47	< 0.28	U	0.28
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.27	U	0.27	< 1.1	U	1.1	< 0.37	U	0.37	< 0.22	U	0.22
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 1.1	U	1.1	< 4.8	U	4.8	< 1.5	U	1.5	< 0.92	U	0.92
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 19	U	19	< 80	U	80	< 25	U	25	< 15	U	15
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 4	U	4	< 3.4	U	3.4	< 5.4	U	5.4	< 3.3	U	3.3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 5.1	U	5.1	< 4.4	U	4.4	< 7	U	7	< 4.2	U	4.2
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 4.6	U	4.6	< 3.9	U	3.9	< 6.3	U	6.3	< 3.8	U	3.8
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 4.4	U	4.4	< 3.7	U	3.7	< 6	U	6	< 3.6	U	3.6
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2.5	U	2.5	< 2.2	U	2.2	< 3.5	U	3.5	< 2.1	U	2.1
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 3.8	U	3.8	< 3.3	U	3.3	< 5.2	U	5.2	< 3.1	U	3.1
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 3.8	U	3.8	< 3.3	U	3.3	< 5.2	U	5.2	< 3.1	U	3.1
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.83	U	0.83	< 0.67	U	0.67	< 1.4	U	1.4	< 0.66	U	0.66
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 1.2	U	1.2	< 1	U	1	< 2	U	2	< 0.97	U	0.97
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1.4	U	1.4	< 1.2	U	1.2	< 2.3	U	2.3	< 1.1	U	1.1
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.98	U	0.98	< 0.8	U	0.8	< 1.6	U	1.6	< 0.78	U	0.78
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.4	U	1.4	< 1.2	U	1.2	< 2.4	U	2.4	< 1.1	U	1.1
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.5	U	1.5	< 1.2	U	1.2	< 2.5	U	2.5	< 1.2	U	1.2
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1.3	U	1.3	< 1	U	1	< 2.1	U	2.1	< 1	U	1
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.5	U	1.5	< 1.2	U	1.2	< 2.4	U	2.4	< 1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1.4	U	1.4	< 1.1	U	1.1	< 2.2	U	2.2	< 1.1	U	1.1
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 1	U	1	< 0.85	U	0.85	< 1.7	U	1.7	< 0.83	U	0.83
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.92	U	0.92	< 0.75	U	0.75	< 1.5	U	1.5	< 0.74	U	0.74
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 1.1	U	1.1	< 0.91	U	0.91	< 1.8	U	1.8	< 0.89	U	0.89
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 1.1	U	1.1	< 0.88	U	0.88	< 1.8	U	1.8	< 0.86	U	0.86
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	9.6		1.5	< 1.2	U	1.2	< 2.5	U	2.5	14		1.2
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.5.	< 1.2	U	1.2	< 0.96	U	0.96	< 1.9	U	1.9	< 0.93	U	0.93
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 1.1	U	1.1	< 0.9	U	0.9	< 1.8	U	1.8	< 0.88	U	0.88
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	35		8.5	7.1	J	6.9	47	J	14	48		6.8

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N39			SB-N4			SB-N40			SB-N41		
	Sample Date:		PADEP MSCs					05/20/2008			05/22/2008			05/16/2008			05/20/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				7			8			12			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				9			10			14			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 1.1	U	1.1	< 0.94	U	0.94	< 1.9	U	1.9	< 0.91	U	0.91
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.95	U	0.95	< 0.78	U	0.78	< 1.6	U	1.6	< 0.76	U	0.76
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.75	U	0.75	< 0.61	U	0.61	< 1.2	U	1.2	< 0.6	U	0.6
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 1.3	U	1.3	< 1	U	1	< 2.1	U	2.1	< 1	U	1
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.87	U	0.87	< 0.71	U	0.71	7.9	J	1.4	< 0.69	U	0.69
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.76	U	0.76	< 0.62	U	0.62	< 1.2	U	1.2	< 0.6	U	0.6
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 1.3	U	1.3	< 1	U	1	< 2.1	U	2.1	< 1	U	1
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 2.6	U	2.6	< 2.1	U	2.1	< 4.3	U	4.3	< 2.1	U	2.1
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.99	U	0.99	< 0.81	U	0.81	< 1.6	U	1.6	< 0.79	U	0.79
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.4	U	1.4	< 1.2	U	1.2	< 2.4	U	2.4	< 1.2	U	1.2
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 1.2	U	1.2	< 0.97	U	0.97	< 2	U	2	< 0.95	U	0.95
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.2	U	1.2	< 0.94	U	0.94	< 1.9	U	1.9	< 0.92	U	0.92
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.63	U	0.63	< 0.51	U	0.51	< 1	U	1	< 0.5	U	0.5
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 1.2	U	1.2	< 0.98	U	0.98	< 2	U	2	< 0.96	U	0.96
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 1.1	U	1.1	< 0.92	U	0.92	< 1.9	U	1.9	< 0.9	U	0.9
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 1.1	U	1.1	< 0.89	U	0.89	< 1.8	U	1.8	< 0.87	U	0.87
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.8	U	1.8	< 1.5	U	1.5	< 3	U	3	< 1.4	U	1.4
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 1.2	U	1.2	< 0.94	U	0.94	< 1.9	U	1.9	< 0.92	U	0.92
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.5	U	1.5	< 1.2	U	1.2	< 2.5	U	2.5	< 1.2	U	1.2
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.2	U	1.2	< 1	U	1	< 2	U	2	< 0.98	U	0.98
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 1.3	U	1.3	< 1	U	1	< 2.1	U	2.1	< 1	U	1
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 2.3	B	2.3	1.7	J	0.93	< 2.1	B	2.1	< 1.3	B	1.3
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.9	U	0.9	< 0.74	U	0.74	< 1.5	U	1.5	< 0.72	U	0.72
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 1.2	U	1.2	< 0.94	U	0.94	< 1.9	U	1.9	< 0.92	U	0.92
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 1.2	U	1.2	< 1	U	1	< 2	U	2	< 0.99	U	0.99
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 1	U	1	< 0.83	U	0.83	< 1.7	U	1.7	< 0.81	U	0.81
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1	U	1	< 0.83	U	0.83	< 1.7	U	1.7	< 0.81	U	0.81
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 1.1	U	1.1	< 0.91	U	0.91	< 1.8	U	1.8	< 0.89	U	0.89
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 1.3	U	1.3	< 2.6	U	2.6	< 1.2	U	1.2
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.8	U	0.8	< 0.65	U	0.65	< 1.3	U	1.3	< 0.64	U	0.64
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 3.8	U	3.8	< 3.1	U	3.1	< 6.2	U	6.2	< 3	U	3
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 4.4	U	4.4	< 3.8	U	3.8	< 120	U	120	< 3.7	U	3.7
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 4.3	U	4.3	< 3.7	U	3.7	< 120	U	120	< 3.6	U	3.6
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.6	U	1.6	< 1.4	U	1.4	< 43	U	43	< 1.3	U	1.3
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 2.3	U	2.3	< 2	U	2	< 63	U	63	< 1.9	U	1.9
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 63	U	63	< 54	U	54	< 1700	U	1700	< 53	U	53
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.7	U	2.7	< 2.4	U	2.4	< 75	U	75	< 2.3	U	2.3
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 3.4	U	3.4	< 2.9	U	2.9	< 94	U	94	< 2.9	U	2.9
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 3.1	U	3.1	< 2.6	U	2.6	< 84	U	84	< 2.6	U	2.6

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:				PADEP MSCs Non-Residential			SB-N39			SB-N4			SB-N40			SB-N41		
	Sample Date:							05/20/2008			05/22/2008			05/16/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				7			8			12			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				9			10			14			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.7	U	2.7	< 2.3	U	2.3	< 73	U	73	< 2.2	U	2.2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	4.5	J	2.9	3.1	J	2.5	< 80	U	80	37	J	2.5
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 3.3	U	3.3	< 2.8	U	2.8	< 91	U	91	< 2.8	U	2.8
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 3.2	U	3.2	< 2.7	U	2.7	< 87	U	87	< 2.7	U	2.7
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 4.2	U	4.2	< 3.6	U	3.6	< 120	U	120	< 3.5	U	3.5
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 12	U	12	< 10	U	10	< 330	U	330	< 10	U	10
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 4.6	U	4.6	< 3.9	U	3.9	< 120	U	120	< 3.8	U	3.8
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 38	U	38	< 32	U	32	< 1000	U	1000	< 31	U	31
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.4	U	2.4	< 2	U	2	< 65	U	65	< 2	U	2
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 3.2	U	3.2	< 2.8	U	2.8	< 89	U	89	< 2.7	U	2.7
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 4.6	U	4.6	< 3.9	U	3.9	< 130	U	130	< 3.8	U	3.8
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.6	U	2.6	< 2.3	U	2.3	< 72	U	72	< 2.2	U	2.2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 3.3	U	3.3	3.4	J	2.9	< 91	U	91	7.6	J	2.8
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 2.2	U	2.2	< 1.9	U	1.9	< 61	U	61	< 1.9	U	1.9
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 4.1	U	4.1	< 3.5	U	3.5	< 110	U	110	< 3.5	U	3.5
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.8	U	2.8	2.8	J	2.4	< 76	U	76	5.2	J	2.3
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 3.1	U	3.1	< 2.6	U	2.6	< 85	U	85	13		2.6
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	3.3	J	3.2	< 2.8	U	2.8	< 88	U	88	8	J	2.7
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	3.8	J	3	< 2.6	U	2.6	< 83	U	83	16		2.5
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 3.7	U	3.7	< 3.1	U	3.1	< 100	U	100	< 3.1	U	3.1
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	13	J	5.6	9.1	J	4.8	< 150	U	150	20	J	4.7
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	8.5	J	2.1	< 1.8	U	1.8	< 58	U	58	82		1.8
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	130		1.6	< 1.4	U	1.4	< 45	U	45	90	J	1.4
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	17	JN	2	4.8	J	1.8	< 56	U	56	150	JN	1.7
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	10	J	1.8	< 1.5	U	1.5	< 49	U	49	71		1.5
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.7	UJ	1.7	< 1.5	U	1.5	< 47	U	47	< 1.4	UJ	1.4
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.9	U	2.9	< 2.5	U	2.5	< 80	U	80	6.1	J	2.4
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.5	U	2.5	< 2.1	U	2.1	< 68	U	68	< 2.1	U	2.1
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 1.2	U	1.2	< 1	U	1	< 33	U	33	< 1	U	1
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 3.2	U	3.2	< 2.7	U	2.7	< 87	U	87	< 2.7	U	2.7
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	25	J	4.1	21	J	3.5	< 110	U	110	190	J	3.4
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 4.3	U	4.3	14	J	3.7	< 120	U	120	13	J	3.6
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	24	J	10	26	J	8.6	< 280	U	280	40	J	8.4
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 2.2	U	2.2	< 1.9	U	1.9	< 60	U	60	19		1.8
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	14		2.1	< 1.8	U	1.8	< 58	U	58	100		1.8
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 3.4	U	3.4	< 2.9	U	2.9	< 92	U	92	16		2.8
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.5	J	2.9	< 2.5	U	2.5	< 80	U	80	17	J	2.5
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 4.7	U	4.7	< 4.1	U	4.1	< 130	U	130	4.8	J	4
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3	U	3	< 2.6	U	2.6	< 82	U	82	< 2.5	U	2.5
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 8.8	U	8.8	9	J	7.5	< 240	U	240	< 7.4	U	7.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N39			SB-N4			SB-N40			SB-N41		
	Sample Date:							05/20/2008			05/22/2008			05/16/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				7			8			12			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				9			10			14			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 3.7	U	3.7	< 3.2	U	3.2	< 100	U	100	< 3.1	U	3.1
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	25		3.4	6.9	J	2.9	< 94	U	94	210	J	2.9
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 2.6	U	2.6	3.3	J	2.2	< 70	U	70	8.2	J	2.2
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 3.2	U	3.2	< 2.7	U	2.7	< 87	U	87	< 2.7	U	2.7
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 3.3	U	3.3	< 2.8	U	2.8	< 89	U	89	< 2.7	U	2.7
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 2.4	U	2.4	< 2.1	U	2.1	< 67	U	67	< 2	U	2
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 2.4	U	2.4	< 2	U	2	< 65	U	65	< 2	U	2
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	6.4	J	1.9	< 1.6	U	1.6	< 52	U	52	64	J	1.6
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 3	U	3	< 2.5	U	2.5	< 81	U	81	< 2.5	U	2.5
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	5	J	2.6	3.5	J	2.2	< 71	U	71	25		2.2
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.3	U	1.3	< 1.1	U	1.1	< 36	U	36	< 1.1	U	1.1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1.3	U	1.3	< 1.1	U	1.1	< 36	U	36	< 1.1	U	1.1
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.9	U	2.9	< 2.5	U	2.5	< 79	U	79	< 2.4	U	2.4
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 4	U	4	< 3.4	U	3.4	< 110	U	110	< 3.3	U	3.3
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	19		2.5	12		2.2	< 70	U	70	140	J	2.1
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 3.2	U	3.2	< 2.7	U	2.7	< 88	U	88	< 2.7	U	2.7
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	13		3.3	4.6	J	2.8	< 89	U	89	140		2.7

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:				PADEP MSCs Non-Residential			SB-N41			SB-N42			SB-N43			SB-N44		
	Sample Date:							05/20/2008			05/16/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			4			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			6			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	13,900		0.41	6,910		0.27	5,000		0.28	7,610		0.27
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.43	J	0.0058	0.7	L	0.0038	0.43		0.0039	0.17	J	0.0038
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	13.2	K	0.029	7.7		0.019	12.5	K	0.019	7.2	K	0.019
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	94.2	K	0.013	33.4		0.0088	16.6		0.009	23.1		0.0089
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.75		0.0065	0.39		0.0042	0.27		0.0043	0.32		0.0043
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.37		0.016	0.26		0.01	0.14		0.011	0.12		0.01
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3,560	L	3.1	905		2	1,270		2.1	533		2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	18.8		0.014	23.3		0.0092	11.6		0.0093	12.2		0.0092
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	7.7	K	0.0044	7.58		0.0029	5.9		0.0029	6.7		0.0029
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	23.4		0.015	35.1	K	0.0097	17.4	K	0.0099	13.1	K	0.0098
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	20,700		0.51	41,100		1.7	18,200		0.34	16,700		0.33
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	24.6		0.006	48		0.0039	20.4		0.004	11.5		0.0039
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,360		0.66	1,550		0.43	1,650		0.44	1,470		0.44
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	187		0.025	288		0.017	341	K	0.017	137	K	0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	19.3	J	0.012	20.1		0.0078	14.3		0.0079	18.4		0.0078
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	904		1.7	547		1.1	655		1.2	549		1.1
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	1.2		0.071	0.52	L	0.046	0.54	J	0.047	0.63		0.047
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.061	J	0.0042	0.034	J	0.0027	0.02	J	0.0028	0.016	J	0.0028
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	73.1	L	1.3	31.1		0.83	42.2		0.85	73.3		0.83
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.25		0.0035	0.11		0.0023	0.091	J	0.0023	0.091	J	0.0023
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	23.1	K	0.01	13.2		0.0066	11.1		0.0068	13.3		0.0067
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	65.4		0.02	69.4	J	0.013	45.1		0.014	35		0.013
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.14		0.012	0.019	J	0.0081	0.015	J	0.0083	0.023	J	0.0082
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.17	UJ	0.17	< 0.17	B	0.17	< 0.11	U	0.11	< 0.11	U	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.26	U	0.26	< 0.17	U	0.17	< 0.17	U	0.17	0.49	J	0.17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.17	U	0.17	< 0.11	U	0.11	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.4	U	0.4	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.31	U	0.31	< 0.2	U	0.2	< 0.21	U	0.21	0.86	J	0.2
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.44	U	0.44	< 0.29	U	0.29	< 0.29	U	0.29	< 0.29	U	0.29
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.18	U	0.18	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.3	U	0.3	< 0.2	U	0.2	< 0.2	U	0.2	NA	NA	NA
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.34	U	0.34	< 0.22	U	0.22	< 0.23	U	0.23	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.67	U	0.67	< 0.44	U	0.44	< 0.44	U	0.44	< 0.44	U	0.44
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.31	U	0.31	< 0.2	U	0.2	NA	NA	NA	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N41			SB-N42			SB-N43			SB-N44		
	Sample Date:							05/20/2008			05/16/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			4			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			6			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.21	U	0.21	< 0.14	U	0.14	< 0.14	U	0.14	< 0.14	U	0.14
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.47	U	0.47	< 0.31	U	0.31	< 0.31	U	0.31	< 0.31	U	0.31
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.23	U	0.23	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.37	U	0.37	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.34	U	0.34	< 0.22	U	0.22	< 0.22	U	0.22	< 0.22	U	0.22
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.4	U	0.4	< 0.26	U	0.26	< 0.27	U	0.27	< 0.27	U	0.27
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.3	U	0.3	< 0.2	U	0.2	< 0.2	U	0.2	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.37	U	0.37	< 0.24	U	0.24	< 0.25	U	0.25	< 0.24	U	0.24
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.29	U	0.29	< 0.19	U	0.19	< 0.19	U	0.19	< 0.19	U	0.19
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 1.2	U	1.2	< 0.79	U	0.79	< 0.8	U	0.8	< 0.8	U	0.8
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 20	U	20	< 13	U	13	< 13	U	13	< 13	U	13
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 4.3	U	4.3	< 2.8	U	2.8	< 2.9	U	2.9	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 5.5	U	5.5	< 3.6	U	3.6	< 3.7	U	3.7	< 3.7	U	3.7
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 4.9	U	4.9	< 3.3	U	3.3	< 3.3	U	3.3	< 3.3	U	3.3
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 4.7	U	4.7	< 3.1	U	3.1	< 3.1	U	3.1	< 3.1	U	3.1
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2.7	U	2.7	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 4.1	U	4.1	< 2.7	U	2.7	< 2.7	U	2.7	< 2.7	U	2.7
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 4.1	U	4.1	< 2.7	U	2.7	< 2.7	U	2.7	< 2.7	U	2.7
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.85	U	0.85	< 0.46	U	0.46	< 0.48	U	0.48	< 0.46	U	0.46
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 1.3	U	1.3	< 0.67	U	0.67	< 0.71	U	0.71	< 0.68	U	0.68
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1.5	U	1.5	< 0.78	U	0.78	< 0.83	U	0.83	< 0.78	U	0.78
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 1	U	1	< 0.54	U	0.54	< 0.57	U	0.57	< 0.54	U	0.54
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.5	U	1.5	< 0.8	U	0.8	< 0.84	U	0.84	< 0.8	U	0.8
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.5	U	1.5	< 0.83	U	0.83	< 0.88	U	0.88	< 0.83	U	0.83
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1.3	U	1.3	< 0.7	U	0.7	< 0.74	U	0.74	< 0.71	U	0.71
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.5	U	1.5	< 0.81	U	0.81	< 0.86	U	0.86	< 0.81	U	0.81
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1.4	U	1.4	< 0.75	U	0.75	< 0.79	U	0.79	< 0.75	U	0.75
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 1.1	U	1.1	< 0.58	U	0.58	< 0.61	U	0.61	< 0.58	U	0.58
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.95	U	0.95	< 0.51	U	0.51	< 0.54	U	0.54	< 0.51	U	0.51
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 1.1	U	1.1	< 0.62	U	0.62	< 0.65	U	0.65	< 0.62	U	0.62
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 1.1	U	1.1	< 0.6	U	0.6	< 0.63	U	0.63	< 0.6	U	0.6
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	9.3		1.5	< 0.83	U	0.83	< 0.88	U	0.88	< 0.83	U	0.83
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.2	U	1.2	< 0.65	U	0.65	< 0.69	U	0.69	< 0.65	U	0.65
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 1.1	U	1.1	< 0.61	U	0.61	< 0.65	U	0.65	< 0.62	U	0.62
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	34	J	8.8	< 4.7	U	4.7	< 5	U	5	< 4.7	U	4.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N41			SB-N42			SB-N43			SB-N44		
	Sample Date:		PADEP MSCs					05/20/2008			05/16/2008			05/19/2008			05/19/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			4			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			6			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 1.2	U	1.2	< 0.63	U	0.63	< 0.67	U	0.67	< 0.64	U	0.64
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.98	U	0.98	< 0.53	U	0.53	< 0.56	U	0.56	< 0.53	U	0.53
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.77	U	0.77	< 0.42	U	0.42	< 0.44	U	0.44	< 0.42	U	0.42
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 1.3	U	1.3	< 0.69	U	0.69	< 0.73	U	0.73	< 0.7	U	0.7
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.9	U	0.9	< 0.48	U	0.48	< 0.51	U	0.51	< 0.48	U	0.48
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.78	U	0.78	< 0.42	U	0.42	< 0.44	U	0.44	< 0.42	U	0.42
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 1.3	U	1.3	< 0.71	U	0.71	< 0.75	U	0.75	< 0.71	U	0.71
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 2.7	U	2.7	< 1.5	U	1.5	< 1.5	U	1.5	< 1.5	U	1.5
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 1	U	1	< 0.55	U	0.55	< 0.58	U	0.58	< 0.55	U	0.55
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.5	U	1.5	< 0.8	U	0.8	< 0.85	U	0.85	< 0.8	U	0.8
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 1.2	U	1.2	< 0.66	U	0.66	< 0.7	U	0.7	< 0.66	U	0.66
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.2	U	1.2	< 0.64	U	0.64	< 0.67	U	0.67	< 0.64	U	0.64
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.65	U	0.65	< 0.35	U	0.35	< 0.37	U	0.37	< 0.35	U	0.35
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 1.2	U	1.2	< 0.67	U	0.67	< 0.7	U	0.7	< 0.67	U	0.67
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 1.2	U	1.2	< 0.62	U	0.62	< 0.66	U	0.66	< 0.63	U	0.63
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 1.1	U	1.1	< 0.6	U	0.6	< 0.64	U	0.64	< 0.61	U	0.61
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.9	U	1.9	< 1	U	1	< 1.1	U	1.1	< 1	U	1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 1.2	U	1.2	< 0.64	U	0.64	< 0.67	U	0.67	< 0.64	U	0.64
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.6	U	1.6	< 0.85	U	0.85	< 0.89	U	0.89	< 0.85	U	0.85
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.3	U	1.3	< 0.68	U	0.68	< 0.72	U	0.72	< 0.68	U	0.68
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 1.3	U	1.3	< 0.7	U	0.7	< 0.74	U	0.74	< 0.71	U	0.71
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 2.4	B	2.4	< 0.63	U	0.63	< 1.4	B	1.4	< 2.2	B	2.2
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.93	U	0.93	< 0.5	U	0.5	< 0.53	U	0.53	< 0.5	U	0.5
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 1.2	U	1.2	< 0.64	U	0.64	< 0.68	U	0.68	< 0.64	U	0.64
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 1.3	U	1.3	< 0.68	U	0.68	< 0.72	U	0.72	< 0.69	U	0.69
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 1	U	1	< 0.56	U	0.56	< 0.59	U	0.59	< 0.56	U	0.56
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1	U	1	< 0.56	U	0.56	< 0.59	U	0.59	< 0.56	U	0.56
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 1.2	U	1.2	< 0.62	U	0.62	< 0.65	U	0.65	< 0.62	U	0.62
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 0.86	U	0.86	< 0.91	U	0.91	< 0.87	U	0.87
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.82	U	0.82	< 0.44	U	0.44	< 0.47	U	0.47	< 0.44	U	0.44
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 3.9	U	3.9	< 2.1	U	2.1	< 2.2	U	2.2	< 2.1	U	2.1
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 4.8	U	4.8	< 3.1	U	3.1	< 3.2	U	3.2	< 3.1	U	3.1
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 4.7	U	4.7	< 3.1	U	3.1	< 3.1	U	3.1	< 3.1	U	3.1
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.7	U	1.7	< 1.1	U	1.1	< 1.1	U	1.1	< 1.1	U	1.1
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 2.5	U	2.5	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 69	U	69	< 45	U	45	< 45	U	45	< 45	U	45
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 3	U	3	< 2	U	2	< 2	U	2	< 2	U	2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 3.7	U	3.7	< 2.4	U	2.4	< 2.5	U	2.5	< 2.5	U	2.5
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 3.4	U	3.4	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2

SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N41			SB-N42			SB-N43			SB-N44		
	Sample Date:		PADEP MSCs					05/20/2008			05/16/2008			05/19/2008			05/19/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			4			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			6			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.9	U	2.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	10	J	3.2	45		2.1	3	J	2.1	< 2.1	U	2.1
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 3.6	U	3.6	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 3.5	U	3.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 4.6	U	4.6	< 3	U	3	< 3.1	U	3.1	< 3	U	3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 13	U	13	< 8.5	U	8.5	< 8.6	U	8.6	< 8.6	U	8.6
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 5	U	5	< 3.3	U	3.3	< 3.3	U	3.3	< 3.3	U	3.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 41	U	41	< 27	U	27	< 27	U	27	< 27	U	27
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.6	U	2.6	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 3.5	U	3.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 5	U	5	< 3.3	U	3.3	< 3.3	U	3.3	< 3.3	U	3.3
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.9	U	2.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	10	J	3.6	20	J	2.4	3.8	J	2.4	4.9	J	2.4
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 2.4	U	2.4	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 4.5	U	4.5	< 3	U	3	< 3	U	3	< 3	U	3
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 3	U	3	21		2	< 2	U	2	< 2	U	2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 3.4	U	3.4	89		2.2	< 2.2	U	2.2	< 2.2	U	2.2
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	4.8	J	3.5	10	J	2.3	< 2.3	U	2.3	3.1	J	2.3
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	9.5	J	3.3	170		2.2	< 2.2	U	2.2	< 2.2	U	2.2
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 4	U	4	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	25	J	6.2	21	J	4	8.4	J	4.1	12	J	4
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	39		2.3	850		1.5	< 1.5	U	1.5	19		1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	520	J	1.8	580		1.2	1.5	J	1.2	11		1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	34	JN	2.2	740		1.5	2.3	J	1.5	6.1	J	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	37		2	210		1.3	< 1.3	U	1.3	4.6	J	1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.9	UJ	1.9	230		1.2	< 1.2	U	1.2	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	4.1	J	3.2	16	J	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.7	U	2.7	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 1.3	U	1.3	< 0.85	U	0.85	< 0.86	U	0.86	< 0.86	U	0.86
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 3.5	U	3.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	54	J	4.4	42		2.9	26	J	2.9	29	J	2.9
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 4.7	U	4.7	31	J	3	7.8	J	3.1	12	J	3.1
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 11	U	11	< 7.2	U	7.2	21	J	7.3	52		7.2
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 2.4	U	2.4	35		1.6	< 1.6	U	1.6	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	70		2.3	730		1.5	< 1.5	U	1.5	< 1.5	U	1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	9.5	J	3.7	100		2.4	< 2.4	U	2.4	< 2.4	U	2.4
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	4.8	J	3.2	31	J	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 5.2	U	5.2	3.4	J	3.4	< 3.4	U	3.4	4.5	J	3.4
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.3	U	3.3	< 2.1	U	2.1	< 2.2	U	2.2	< 2.2	U	2.2
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 9.6	U	9.6	15	J	6.3	< 6.4	U	6.4	6.7	J	6.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N41			SB-N42			SB-N43			SB-N44		
	Sample Date:							05/20/2008			05/16/2008			05/19/2008			05/19/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							FD			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			4			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			6			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 4	U	4	< 2.6	U	2.6	< 2.7	U	2.7	< 2.7	U	2.7
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	45	J	3.8	1,500		2.5	3.3	J	2.5	7	J	2.5
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	6.8	J	2.8	43		1.8	< 1.9	U	1.9	< 1.8	U	1.8
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 3.5	U	3.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 3.5	U	3.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 2.7	U	2.7	< 1.7	U	1.7	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 2.6	U	2.6	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	16	J	2.1	230		1.3	< 1.4	U	1.4	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 3.2	U	3.2	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	9.8	J	2.8	36		1.8	2.9	J	1.9	1.9	J	1.8
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.4	U	1.4	< 0.94	U	0.94	< 0.95	U	0.95	< 0.95	U	0.95
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1.4	U	1.4	< 0.93	U	0.93	< 0.94	U	0.94	< 0.93	U	0.93
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 3.1	U	3.1	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 4.3	U	4.3	< 2.8	U	2.8	< 2.9	U	2.9	< 2.8	U	2.8
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	35	J	2.8	480		1.8	8.1		1.8	5.4	J	1.8
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	13		3.5	< 2.3	U	2.3	2.7	J	2.3	< 2.3	U	2.3
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	60		3.5	550		2.3	< 2.3	U	2.3	4.6	J	2.3

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N45			SB-N46			SB-N46			SB-N46		
	Sample Date:							05/14/2008			05/13/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				6			4			6			14		
	End Depth:		Subsurface Soil					8			6			8			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	5,770		0.28	7,640		0.29	NA	NA	NA	NA	NA	NA
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	< 0.058	B	0.058	0.15	L	0.0041	NA	NA	NA	NA	NA	NA
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	7.5	J	0.02	6.9	J	0.02	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	21.8		0.0091	41.1	L	0.0095	NA	NA	NA	NA	NA	NA
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.28		0.0044	0.47		0.0046	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	< 0.12	B	0.12	0.18		0.011	NA	NA	NA	NA	NA	NA
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	952	J	2.1	8,270	L	2.2	NA	NA	NA	NA	NA	NA
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	10.9	J	0.0095	21.1	L	0.0099	NA	NA	NA	NA	NA	NA
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	5.5		0.003	9.3		0.0031	NA	NA	NA	NA	NA	NA
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	12	J	0.01	18.5	L	0.011	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	14,500	J	0.34	22,200		0.36	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	8.7	J	0.004	23		0.0042	NA	NA	NA	NA	NA	NA
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,710	L	0.45	5,340		0.47	NA	NA	NA	NA	NA	NA
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	269		0.017	351		0.018	NA	NA	NA	NA	NA	NA
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	12.1	L	0.0081	20.3	L	0.0084	NA	NA	NA	NA	NA	NA
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	900		1.2	1,410		1.2	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.46	L	0.048	0.26	L	0.05	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	< 0.016	B	0.016	0.03	J	0.003	NA	NA	NA	NA	NA	NA
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	44.9	J	0.86	74.1	J	0.9	NA	NA	NA	NA	NA	NA
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.062	J	0.0024	0.13		0.0025	NA	NA	NA	NA	NA	NA
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	11.1	J	0.0069	15.7		0.0072	NA	NA	NA	NA	NA	NA
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	34	L	0.014	60.9	L	0.014	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.01	L	0.0084	0.0099	J	0.0088	NA	NA	NA	NA	NA	NA
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.18	B	0.18	< 0.12	U	0.12	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.18	U	0.18	< 0.18	U	0.18	NA	NA	NA	NA	NA	NA
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12	NA	NA	NA	NA	NA	NA
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.27	U	0.27	< 0.28	U	0.28	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.21	U	0.21	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.3	U	0.3	< 0.32	U	0.32	NA	NA	NA	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.12	U	0.12	< 0.13	U	0.13	NA	NA	NA	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	U	0.21	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.23	U	0.23	< 0.24	U	0.24	NA	NA	NA	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.46	U	0.46	< 0.48	U	0.48	NA	NA	NA	NA	NA	NA
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.21	U	0.21	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:				PADEP MSCs Non-Residential			SB-N45			SB-N46			SB-N46			SB-N46		
	Sample Date:							05/14/2008			05/13/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.15	U	0.15	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.32	U	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.17	U	0.17	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	U	0.25	< 0.26	U	0.26	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	U	0.23	< 0.24	U	0.24	NA	NA	NA	NA	NA	NA
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.27	U	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.2	U	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.25	U	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	U	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.82	U	0.82	< 0.86	U	0.86	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14	NA	NA	NA	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.9	U	2.9	< 3.1	U	3.1	NA	NA	NA	NA	NA	NA
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.8	U	3.8	< 3.9	U	3.9	NA	NA	NA	NA	NA	NA
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.4	U	3.4	< 3.5	U	3.5	NA	NA	NA	NA	NA	NA
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.2	U	3.2	< 3.4	U	3.4	NA	NA	NA	NA	NA	NA
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	U	1.9	< 2	U	2	NA	NA	NA	NA	NA	NA
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.8	U	2.8	440		2.9	NA	NA	NA	NA	NA	NA
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.8	U	2.8	59		2.9	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.48	U	0.48	< 58	UJ	58	< 1.2	U	1.2	< 1	U	1
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.72	U	0.72	< 65	UJ	65	< 1.3	U	1.3	< 1.1	U	1.1
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.83	U	0.83	< 61	UJ	61	< 1.3	U	1.3	< 1.1	U	1.1
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.57	U	0.57	< 56	UJ	56	< 1.2	U	1.2	< 0.97	U	0.97
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.85	U	0.85	< 67	UJ	67	< 1.4	U	1.4	< 1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.88	U	0.88	< 59	UJ	59	< 1.2	U	1.2	< 1	U	1
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.75	U	0.75	< 48	UJ	48	< 0.99	U	0.99	< 0.83	U	0.83
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.86	U	0.86	< 60	UJ	60	< 1.2	U	1.2	< 1	U	1
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.79	U	0.79	< 63	UJ	63	< 1.3	U	1.3	< 1.1	U	1.1
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.61	U	0.61	< 63	UJ	63	< 1.3	U	1.3	< 1.1	U	1.1
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.54	U	0.54	< 64	UJ	64	< 1.3	U	1.3	< 1.1	U	1.1
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.65	U	0.65	< 60	UJ	60	< 1.2	U	1.2	< 1	U	1
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.63	U	0.63	< 64	UJ	64	< 1.3	U	1.3	< 1.1	U	1.1
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.88	U	0.88	< 56	UJ	56	< 1.1	U	1.1	< 0.96	U	0.96
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.69	U	0.69	< 46	UJ	46	< 0.93	U	0.93	< 0.79	U	0.79
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.65	U	0.65	< 50	UJ	50	< 1	U	1	< 0.86	U	0.86
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 5	U	5	< 69	UJ	69	6.3	J	5.9	< 5	U	5

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N45			SB-N46			SB-N46			SB-N46		
	Sample Date:			Non-Residential				05/14/2008			05/13/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.67	U	0.67	< 60	UJ	60	< 1.2	U	1.2	< 1	U	1
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.56	U	0.56	< 56	UJ	56	< 1.1	U	1.1	< 0.97	U	0.97
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.44	U	0.44	< 59	UJ	59	< 1.2	U	1.2	< 1	U	1
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.74	U	0.74	< 73	UJ	73	< 1.5	U	1.5	< 1.3	U	1.3
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.51	U	0.51	< 71	UJ	71	< 1.4	U	1.4	< 1.2	U	1.2
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.44	U	0.44	< 51	UJ	51	< 1.1	U	1.1	< 0.89	U	0.89
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.75	U	0.75	< 64	UJ	64	< 1.3	U	1.3	< 1.1	U	1.1
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.5	U	1.5	< 83	UJ	83	< 1.7	U	1.7	< 1.4	U	1.4
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.58	U	0.58	< 61	UJ	61	< 1.2	U	1.2	< 1	U	1
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.85	U	0.85	< 64	UJ	64	< 1.3	U	1.3	< 1.1	U	1.1
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.7	U	0.7	< 62	UJ	62	< 1.3	U	1.3	< 1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.68	U	0.68	< 52	UJ	52	< 1.1	U	1.1	< 0.89	U	0.89
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.37	U	0.37	< 57	UJ	57	< 1.2	U	1.2	< 0.99	U	0.99
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.71	U	0.71	< 53	UJ	53	< 1.1	U	1.1	< 0.92	U	0.92
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.66	U	0.66	< 73	UJ	73	< 1.5	U	1.5	< 1.3	U	1.3
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.64	U	0.64	170	J	68	< 1.4	U	1.4	< 1.2	U	1.2
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.1	U	1.1	< 71	UJ	71	< 1.5	U	1.5	< 1.2	U	1.2
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.68	U	0.68	170	J	62	< 1.3	U	1.3	< 1.1	U	1.1
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.9	U	0.9	< 61	UJ	61	< 1.3	U	1.3	< 1.1	U	1.1
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.72	U	0.72	130	J	65	< 1.3	U	1.3	< 1.1	U	1.1
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.75	U	0.75	< 53	UJ	53	< 1.1	U	1.1	< 0.92	U	0.92
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 0.79	B	0.79	< 44	UJ	44	< 0.91	U	0.91	< 1.3	B	1.3
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.53	U	0.53	< 64	UJ	64	< 1.3	U	1.3	< 1.1	U	1.1
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.68	U	0.68	< 75	UJ	75	< 1.5	U	1.5	< 1.3	U	1.3
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.73	U	0.73	< 46	UJ	46	< 0.94	U	0.94	< 0.79	U	0.79
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.59	U	0.59	< 67	UJ	67	< 1.4	U	1.4	< 1.2	U	1.2
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.6	U	0.6	< 50	UJ	50	< 1	U	1	< 0.86	U	0.86
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.66	U	0.66	< 64	UJ	64	< 1.3	U	1.3	< 1.1	U	1.1
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.92	U	0.92	< 93	UJ	93	< 1.9	U	1.9	< 1.6	U	1.6
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.47	U	0.47	< 64	UJ	64	< 1.3	U	1.3	< 1.1	U	1.1
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.2	U	2.2	1,300	J	200	< 4.2	U	4.2	< 3.5	U	3.5
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.2	U	3.2	< 34	U	34	< 3.3	U	3.3	< 3.3	U	3.3
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.2	U	3.2	< 33	U	33	< 3.2	U	3.2	< 3.2	U	3.2
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 12	U	12	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.7	U	1.7	< 18	U	18	< 1.7	U	1.7	< 1.7	U	1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 46	U	46	< 490	U	490	< 47	U	47	< 48	U	48
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2	U	2	< 21	U	21	< 2	U	2	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.5	U	2.5	< 26	U	26	< 2.5	U	2.5	< 2.6	U	2.6
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.3	U	2.3	< 24	U	24	< 2.3	U	2.3	< 2.3	U	2.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N45			SB-N46			SB-N46			SB-N46		
	Sample Date:							05/14/2008			05/13/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 21	U	21	< 2	U	2	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.2	U	2.2	150		23	3.9	J	2.2	2.7	J	2.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.5	U	2.5	< 26	U	26	< 2.5	U	2.5	< 2.5	U	2.5
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.4	U	2.4	< 25	U	25	< 2.4	U	2.4	< 2.4	U	2.4
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.1	U	3.1	< 33	U	33	< 3.1	U	3.1	< 3.2	U	3.2
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.8	U	8.8	< 92	U	92	< 8.9	U	8.9	< 9.1	U	9.1
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.4	U	3.4	< 35	U	35	< 3.4	U	3.4	< 3.5	U	3.5
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 28	U	28	< 290	U	290	< 28	U	28	< 28	U	28
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 18	U	18	< 1.8	U	1.8	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.4	U	2.4	< 25	U	25	< 2.4	U	2.4	< 2.5	U	2.5
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.4	U	3.4	< 35	U	35	< 3.4	U	3.4	< 3.5	U	3.5
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 20	U	20	< 2	U	2	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.5	U	2.5	< 26	U	26	< 2.5	U	2.5	< 2.5	U	2.5
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 17	U	17	< 1.7	U	1.7	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.1	U	3.1	< 32	U	32	< 3.1	U	3.1	< 3.1	U	3.1
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2	U	2	22	J	21	< 2.1	U	2.1	< 2.1	U	2.1
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.3	U	2.3	< 24	U	24	< 2.3	U	2.3	< 2.3	U	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.4	U	2.4	< 25	U	25	< 2.4	U	2.4	< 2.4	U	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.2	U	2.2	< 23	U	23	< 2.2	U	2.2	< 2.3	U	2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.7	U	2.7	< 28	U	28	< 2.7	U	2.7	< 2.8	U	2.8
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.2	U	4.2	< 44	U	44	< 4.2	U	4.2	< 4.3	U	4.3
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.6	U	1.6	36	J	16	8.2		1.6	< 1.6	U	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.2	U	1.2	20	J	13	< 1.2	U	1.2	< 1.2	U	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.5	U	1.5	42	J	16	< 1.5	U	1.5	< 1.5	U	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.3	U	1.3	< 14	U	14	5.4	J	1.3	3.8	J	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 13	U	13	< 1.3	U	1.3	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	< 23	U	23	< 2.2	U	2.2	< 2.2	U	2.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 19	U	19	< 1.8	U	1.8	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.89	U	0.89	< 9.2	U	9.2	< 0.89	U	0.89	< 0.91	U	0.91
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.4	U	2.4	< 25	U	25	< 2.4	U	2.4	< 2.4	U	2.4
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	< 3	U	3	540		31	< 3	U	3	28	J	3.1
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.2	U	3.2	< 33	U	33	< 3.2	U	3.2	< 3.2	U	3.2
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 7.4	U	7.4	< 78	U	78	< 7.5	U	7.5	< 7.6	U	7.6
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.6	U	1.6	< 17	U	17	< 1.6	U	1.6	< 1.7	U	1.7
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	29	J	16	< 1.6	U	1.6	< 1.6	U	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.5	U	2.5	< 26	U	26	< 2.5	U	2.5	< 2.6	U	2.6
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 23	U	23	5	J	2.2	3.3	J	2.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.5	U	3.5	< 37	U	37	3.9	J	3.5	< 3.6	U	3.6
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 23	U	23	< 2.2	U	2.2	< 2.3	U	2.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	8	J	6.5	< 68	U	68	8	J	6.6	9.5	J	6.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N45			SB-N46			SB-N46			SB-N46		
	Sample Date:							05/14/2008			05/13/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2S00 mg/l				8			6			8			16		
Chemical Name	**cas_rn**	**Units**	**2-15 feet**	**100 X GW MSC**	**Generic Value**	**Max**	**1/10 Generic**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.7	U	2.7	< 29	U	29	< 2.8	U	2.8	< 2.8	U	2.8
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.5	U	2.5	110		27	5.9	J	2.6	< 2.6	U	2.6
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.9	U	1.9	28	J	20	2.4	J	1.9	2	J	2
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.4	U	2.4	< 25	U	25	< 2.4	U	2.4	< 2.4	U	2.4
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.4	U	2.4	< 25	U	25	< 2.4	U	2.4	< 2.5	U	2.5
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.8	U	1.8	< 19	U	19	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 18	U	18	< 1.8	U	1.8	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.4	U	1.4	< 15	U	15	< 1.4	U	1.4	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.2	U	2.2	< 23	U	23	< 2.2	U	2.2	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	< 1.9	U	1.9	570		20	2.9	J	1.9	2.5	J	2
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.98	U	0.98	< 10	U	10	< 0.99	U	0.99	< 1	U	1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.96	U	0.96	< 10	U	10	< 0.97	U	0.97	< 0.99	U	0.99
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.1	U	2.1	< 22	U	22	< 2.1	U	2.1	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.9	U	2.9	< 31	U	31	< 2.9	U	2.9	< 3	U	3
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	3.8	J	1.9	92		20	11		1.9	8.1		1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.4	U	2.4	< 25	U	25	< 2.4	U	2.4	< 2.4	U	2.4
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.4	U	2.4	72	J	25	5.7	J	2.4	< 2.5	U	2.5

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2S00mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46			SB-N46E1			SB-N46E2			SB-N46E2E1		
	Sample Date:							05/13/2008			05/27/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			8			10			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			10			12			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	12,700		0.29	10,500		0.28	5,770		0.28
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	NA	NA	NA	0.06	L	0.004	< 0.14	B	0.14	< 0.2	B	0.2
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	NA	NA	NA	8.4	L	0.02	5.8	J	0.02	5.4	J	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	NA	NA	NA	55.2		0.0093	50.2		0.0092	30.4		0.0091
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	NA	NA	NA	0.71		0.0045	0.56	L	0.0044	0.31	L	0.0044
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	NA	NA	NA	0.14		0.011	0.16		0.011	0.13		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	14,200		2.2	15,800		2.1	1,570		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	NA	NA	NA	18.6		0.0097	17.5	K	0.0096	9.8	K	0.0095
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	NA	NA	NA	13.3		0.003	13.5		0.003	8.3		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	NA	NA	NA	18.4		0.01	19.9		0.01	22.6		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	32,500		0.35	31,000		0.35	18,000		0.34
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	NA	NA	NA	13.7		0.0041	14		0.0041	13.7		0.004
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	8,250		0.46	8,050	L	0.45	1,890	L	0.45
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	523	K	0.018	574		0.017	311		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	NA	NA	NA	28.4		0.0083	29.9		0.0082	19.8		0.008
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	2,360		1.2	2,100		1.2	873		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	NA	NA	NA	< 0.21	B	0.21	0.19	L	0.049	0.35	L	0.048
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	NA	NA	NA	0.04	J	0.0029	0.042	J	0.0029	0.017	J	0.0028
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	127		0.88	123	J	0.87	52.7	J	0.86
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	NA	NA	NA	0.18		0.0024	0.17		0.0024	0.083	J	0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	NA	NA	NA	20.7		0.007	18.9		0.007	13.3		0.0069
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	NA	NA	NA	68.5		0.014	68.7	K	0.014	55.2	K	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	NA	NA	NA	0.0097	J	0.0086	0.011	J	0.0085	< 0.0084	U	0.0084
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	NA	NA	NA	< 0.12	U	0.12	1.6	L	0.11	< 0.11	UL	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	< 0.18	U	0.18	0.56	J	0.18	0.45	J	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	< 0.28	U	0.28	< 0.27	U	0.27	< 0.27	U	0.27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	< 0.22	U	0.22	< 0.21	U	0.21	< 0.21	U	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	< 0.31	U	0.31	< 0.31	U	0.31	< 0.3	U	0.3
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.13	U	0.13	< 0.12	U	0.12	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	< 0.24	U	0.24	< 0.24	U	0.24	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.47	U	0.47	< 0.46	U	0.46	< 0.45	U	0.45
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46			SB-N46E1			SB-N46E2			SB-N46E2E1		
	Sample Date:							05/13/2008			05/27/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			8			10			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			10			12			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	NA	NA	NA	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.33	U	0.33	< 0.32	U	0.32	< 0.32	U	0.32
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.26	U	0.26	< 0.25	U	0.25	< 0.25	U	0.25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.24	U	0.24	< 0.23	U	0.23	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	NA	NA	NA	< 0.28	U	0.28	< 0.27	U	0.27
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.21	U	0.21	< 0.2	U	0.2	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.26	U	0.26	< 0.25	U	0.25	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	< 0.84	U	0.84	< 0.83	U	0.83	< 0.82	U	0.82
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	< 3	U	3	< 3	U	3	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	< 3.9	U	3.9	< 3.8	U	3.8	< 3.8	U	3.8
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	< 3.5	U	3.5	< 3.4	U	3.4	< 3.4	U	3.4
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	< 3.3	U	3.3	< 3.3	U	3.3	< 3.2	U	3.2
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	< 2.9	U	2.9	< 2.8	U	2.8	< 2.8	U	2.8
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	< 2.9	U	2.9	< 2.8	U	2.8	< 2.8	U	2.8
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 58	U	58	< 9.7	U	9.7	< 0.57	U	0.57	< 930	U	930
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 64	U	64	< 8.4	U	8.4	< 0.35	U	0.35	< 800	U	800
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 61	U	61	< 10	U	10	< 0.4	U	0.4	< 970	U	970
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 55	U	55	< 7.4	U	7.4	< 0.37	U	0.37	< 720	U	720
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 67	U	67	< 8.5	U	8.5	< 0.53	U	0.53	< 810	U	810
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 59	U	59	< 12	U	12	< 0.28	U	0.28	< 1200	U	1200
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 48	U	48	< 61	U	61	< 1.3	U	1.3	< 5900	U	5900
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 59	U	59	< 10	U	10	< 0.51	U	0.51	< 970	U	970
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 63	U	63	< 17	U	17	< 0.37	U	0.37	< 1700	U	1700
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 62	U	62	< 9.5	U	9.5	< 0.35	U	0.35	< 910	U	910
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 63	U	63	< 7.5	U	7.5	< 0.7	U	0.7	< 730	U	730
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 60	U	60	< 7.3	U	7.3	< 0.36	U	0.36	< 710	U	710
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 63	U	63	< 8.1	U	8.1	< 0.67	U	0.67	< 770	U	770
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 55	U	55	< 50	U	50	< 1.4	U	1.4	< 4800	U	4800
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 45	U	45	< 24	U	24	< 0.64	U	0.64	< 2400	U	2400
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 49	U	49	< 11	U	11	< 0.55	U	0.55	< 1100	U	1100
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 68	U	68	< 320	B	320	< 6.4	U	6.4	< 26000	B	26000

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46			SB-N46E1			SB-N46E2			SB-N46E2E1		
	Sample Date:							05/13/2008			05/27/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			8			10			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			10			12			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 59	U	59	< 17	B	17	< 0.23	U	0.23	< 1200	B	1200
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 55	U	55	< 12	U	12	< 0.29	U	0.29	< 1200	U	1200
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 58	U	58	< 13	U	13	< 0.34	U	0.34	< 1300	U	1300
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 72	U	72	< 25	U	25	< 0.55	U	0.55	< 2500	U	2500
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 70	U	70	< 20	U	20	< 0.45	U	0.45	< 2000	U	2000
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 51	U	51	< 12	U	12	< 0.38	U	0.38	< 1200	U	1200
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 63	U	63	< 6.4	U	6.4	< 0.34	U	0.34	< 620	U	620
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 82	U	82	< 66	U	66	< 0.88	U	0.88	< 6400	U	6400
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 60	U	60	< 12	U	12	< 0.3	U	0.3	< 1200	U	1200
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 63	U	63	< 15	B	15	< 0.42	U	0.42	< 510	U	510
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 61	U	61	< 14	U	14	< 0.37	U	0.37	< 1400	U	1400
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 51	U	51	< 5.6	U	5.6	< 0.35	U	0.35	< 540	U	540
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 57	U	57	< 7.9	U	7.9	< 0.34	U	0.34	< 760	U	760
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 53	U	53	< 7	U	7	< 0.56	U	0.56	< 680	U	680
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 73	U	73	< 5.5	U	5.5	< 0.51	U	0.51	< 530	U	530
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	70	J	67	130	J	6.9	0.55	J	0.26	*120,000*		670
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 70	U	70	< 10	U	10	< 1.3	U	1.3	< 980	U	980
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 61	U	61	< 5.2	U	5.2	< 0.16	U	0.16	8,000	J	500
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 60	U	60	< 56	B	56	< 1.4	U	1.4	< 5100	U	5100
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 64	U	64	< 5.8	U	5.8	< 0.32	U	0.32	< 560	U	560
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 53	U	53	< 10	U	10	< 0.44	U	0.44	< 980	U	980
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 44	U	44	< 190	B	190	< 0.68	U	0.68	< 13000	B	13000
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 63	U	63	< 29	U	29	< 0.15	U	0.15	< 2700	U	2700
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 74	U	74	< 9.2	U	9.2	< 0.53	U	0.53	< 880	U	880
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 45	U	45	< 9.3	U	9.3	< 0.28	U	0.28	2,100	J	890
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 66	U	66	< 11	U	11	< 0.42	U	0.42	< 1100	U	1100
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 50	U	50	< 5.5	U	5.5	< 0.55	U	0.55	< 530	U	530
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 64	U	64	< 12	U	12	< 0.43	U	0.43	< 1200	U	1200
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 92	U	92	< 8.5	U	8.5	< 0.35	U	0.35	< 810	U	810
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 63	U	63	< 16	U	16	< 0.4	U	0.4	< 1600	U	1600
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	380	J	200	1,500		15	5.2	J	0.68	*1,800,000*		1500
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.4	U	3.4	< 17	U	17	< 3.3	U	3.3	< 3.2	U	3.2
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.3	U	3.3	< 16	U	16	< 3.2	U	3.2	< 3.1	U	3.1
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 6	U	6	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.8	U	1.8	340		8.7	< 1.7	U	1.7	150		1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 48	U	48	< 240	U	240	< 47	U	47	< 46	U	46
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.1	U	2.1	< 10	U	10	< 2.1	U	2.1	< 2	U	2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.6	U	2.6	< 13	U	13	< 2.6	U	2.6	< 2.5	U	2.5
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.4	U	2.4	< 12	U	12	< 2.3	U	2.3	< 2.2	U	2.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46			SB-N46E1			SB-N46E2			SB-N46E2E1		
	Sample Date:							05/13/2008			05/27/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			8			10			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			10			12			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.1	U	2.1	< 10	U	10	< 2	U	2	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	3.5	J	2.3	< 11	U	11	< 2.2	U	2.2	16		2.1
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.6	U	2.6	< 13	U	13	< 2.5	U	2.5	< 2.4	U	2.4
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.5	U	2.5	< 12	U	12	< 2.4	U	2.4	< 2.3	U	2.3
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.3	U	3.3	< 16	U	16	< 3.2	U	3.2	< 3.1	U	3.1
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9.2	U	9.2	< 45	U	45	< 8.9	U	8.9	< 8.7	U	8.7
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.5	U	3.5	< 17	U	17	< 3.4	U	3.4	< 3.3	U	3.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 29	U	29	< 140	U	140	< 28	U	28	< 27	U	27
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 9	U	9	< 1.8	U	1.8	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.5	U	2.5	< 12	U	12	< 2.4	U	2.4	< 2.4	U	2.4
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.5	U	3.5	< 17	U	17	< 3.4	U	3.4	< 3.3	U	3.3
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 10	U	10	< 2	U	2	< 1.9	U	1.9
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.6	U	2.6	< 13	U	13	< 2.5	U	2.5	< 2.4	U	2.4
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 8.5	U	8.5	< 1.7	U	1.7	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.2	U	3.2	< 16	U	16	< 3.1	U	3.1	< 3	U	3
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.1	U	2.1	< 10	U	10	< 2.1	U	2.1	8.3		2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.4	U	2.4	< 12	U	12	< 2.3	U	2.3	3.4	J	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.5	U	2.5	63	J	12	< 2.4	U	2.4	< 2.4	U	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.3	U	2.3	< 11	U	11	< 2.3	U	2.3	13		2.2
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.8	U	2.8	< 14	U	14	< 2.7	U	2.7	< 2.7	U	2.7
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.4	U	4.4	< 21	U	21	< 4.2	U	4.2	< 4.1	U	4.1
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.6	U	1.6	< 8	U	8	6.2	J	1.6	24		1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.3	U	1.3	< 6.2	U	6.2	< 1.2	U	1.2	15		1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.6	U	1.6	< 7.7	U	7.7	< 1.5	U	1.5	31		1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	2.8	J	1.4	< 6.8	U	6.8	3.7	J	1.4	10		1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 6.4	U	6.4	< 1.3	U	1.3	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.3	U	2.3	< 11	U	11	< 2.2	U	2.2	2.2	J	2.1
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 9.4	U	9.4	< 1.9	U	1.9	< 1.8	U	1.8
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.92	U	0.92	< 4.5	U	4.5	< 0.89	U	0.89	< 0.87	U	0.87
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.5	U	2.5	< 12	U	12	< 2.4	U	2.4	< 2.3	U	2.3
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	39	J	3.1	300		15	11	J	3	59		3
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.3	U	3.3	19	J	16	< 3.2	U	3.2	15	J	3.1
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	45		7.8	< 38	U	38	15	J	7.5	20	J	7.3
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.7	U	1.7	< 8.3	U	8.3	< 1.6	U	1.6	3.3	J	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	< 8	U	8	< 1.6	U	1.6	22		1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.6	U	2.6	< 13	U	13	< 2.5	U	2.5	3.9	J	2.5
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2.3	J	2.3	< 11	U	11	2.5	J	2.2	8.5	J	2.1
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.7	U	3.7	< 18	U	18	< 3.5	U	3.5	3.5	J	3.5
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.3	U	2.3	< 11	U	11	< 2.2	U	2.2	< 2.2	U	2.2
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	8.7	J	6.8	< 33	U	33	< 6.6	U	6.6	12	J	6.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46			SB-N46E1			SB-N46E2			SB-N46E2E1		
	Sample Date:							05/13/2008			05/27/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				16			8			10			2		
	End Depth:		Subsurface Soil					18			10			12			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.9	U	2.9	< 14	U	14	< 2.8	U	2.8	< 2.7	U	2.7
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	4.4	J	2.7	< 13	U	13	< 2.6	U	2.6	53		2.5
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 2	U	2	< 9.8	U	9.8	< 1.9	U	1.9	9.7		1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.5	U	2.5	< 12	U	12	< 2.4	U	2.4	< 2.3	U	2.3
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.5	U	2.5	< 12	U	12	< 2.4	U	2.4	< 2.4	U	2.4
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.9	U	1.9	< 9.2	U	9.2	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 9	U	9	< 1.8	U	1.8	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.5	U	1.5	< 7.1	U	7.1	< 1.4	U	1.4	8.9		1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.3	U	2.3	< 11	U	11	< 2.2	U	2.2	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	11		2	< 9.8	U	9.8	< 1.9	U	1.9	57		1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1	U	1	< 5	U	5	< 0.99	U	0.99	< 0.97	U	0.97
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1	U	1	< 4.9	U	4.9	< 0.97	U	0.97	< 0.95	U	0.95
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.2	U	2.2	< 11	U	11	< 2.2	U	2.2	< 2.1	U	2.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3.1	U	3.1	< 15	U	15	< 3	U	3	< 2.9	U	2.9
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	7.8	J	2	24	J	9.6	5.5	J	1.9	50		1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.5	U	2.5	< 12	U	12	< 2.4	U	2.4	< 2.3	U	2.3
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	3	J	2.5	< 12	U	12	5.1	J	2.4	38		2.4

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N46E2E1			SB-N46E2N1			SB-N46E2N1			SB-N46E2S1		
	Sample Date:		Non-Residential					05/29/2008			05/29/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	12,000		0.28	11,300		0.29	9,460		0.29	10,300		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	< 0.17	B	0.17	< 0.16	B	0.16	< 0.12	B	0.12	< 0.21	B	0.21
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	10.1	J	0.02	12.4	J	0.02	10.2	J	0.02	17.5	J	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	59.2		0.0092	54.2		0.0094	47.8		0.0093	52.1		0.0093
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.63	L	0.0044	0.59	L	0.0045	0.48	L	0.0045	0.53	L	0.0045
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.19		0.011	0.2		0.011	0.14		0.011	0.15		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	19,900		2.1	16,800		2.2	16,000		2.2	14,400		2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	20.1	K	0.0095	19.2	K	0.0098	16.7	K	0.0097	17.6	K	0.0097
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	15.2		0.003	15.8		0.0031	13.1		0.003	14.1		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	22.7		0.01	21		0.01	19.1		0.01	19.5		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	32,800		0.34	33,500		0.35	32,000		0.35	33,000		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	16		0.0041	15.2		0.0042	13.1		0.0041	13.9		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	10,000	L	0.45	8,870	L	0.46	7,910	L	0.46	7,870	L	0.46
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	548		0.017	536		0.018	514		0.018	478		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	33.9		0.0081	34.6		0.0083	29.1		0.0083	30.9		0.0082
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,370		1.2	2,210		1.2	1,930		1.2	2,040		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.3	L	0.048	0.22	L	0.05	0.23	L	0.049	0.24	L	0.049
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.053	J	0.0029	0.047	J	0.0029	0.04	J	0.0029	0.042	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	127	J	0.86	128	J	0.89	117	J	0.88	108	J	0.88
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.2		0.0024	0.2		0.0025	0.16		0.0024	0.17		0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	22.5		0.0069	21.8		0.0071	18.2		0.007	19		0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	76	K	0.014	75.2	K	0.014	65.8	K	0.014	67.6	K	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.01	J	0.0085	0.014	J	0.0087	0.013	J	0.0086	0.012	J	0.0086
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.16	B	0.16	< 0.12	U	0.12	< 0.28	B	0.28	< 0.12	U	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	0.85	L	0.18	< 0.18	U	0.18	< 0.18	U	0.18	< 0.18	U	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	UL	0.12	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.27	UL	0.27	< 0.28	U	0.28	< 0.28	U	0.28	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.21	UL	0.21	< 0.22	U	0.22	< 0.22	U	0.22	< 0.21	U	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.3	UL	0.3	< 0.31	U	0.31	< 0.31	U	0.31	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.12	UL	0.12	< 0.13	U	0.13	< 0.13	U	0.13	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	UL	0.21	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.23	UL	0.23	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.45	UL	0.45	< 0.47	U	0.47	< 0.47	U	0.47	< 0.47	U	0.47
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.21	UL	0.21	< 0.22	U	0.22	< 0.21	U	0.21	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46E2E1			SB-N46E2N1			SB-N46E2N1			SB-N46E2S1		
	Sample Date:							05/29/2008			05/29/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	UL	0.15	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.32	UL	0.32	< 0.33	U	0.33	< 0.33	U	0.33	< 0.33	U	0.33
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	UL	0.16	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	UL	0.25	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	UL	0.23	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.27	UL	0.27	< 0.28	U	0.28	< 0.28	U	0.28	< 0.28	U	0.28
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.2	UL	0.2	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.25	UL	0.25	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	UL	0.2	< 0.2	U	0.2	< 0.2	U	0.2	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.82	UL	0.82	< 0.85	U	0.85	< 0.84	U	0.84	< 0.84	U	0.84
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	UL	14	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.9	UL	2.9	< 3	U	3	< 3	U	3	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.8	UL	3.8	< 3.9	U	3.9	< 3.9	U	3.9	< 3.9	U	3.9
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.4	UL	3.4	< 3.5	U	3.5	< 3.5	U	3.5	< 3.5	U	3.5
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.2	UL	3.2	< 3.3	U	3.3	< 3.3	U	3.3	< 3.3	U	3.3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	UL	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.8	UL	2.8	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.8	UL	2.8	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.51	U	0.51	< 0.56	U	0.56	< 0.54	U	0.54	< 0.59	U	0.59
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.31	U	0.31	< 0.34	U	0.34	< 0.33	U	0.33	< 0.36	U	0.36
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.36	U	0.36	< 0.39	U	0.39	< 0.37	U	0.37	< 0.41	U	0.41
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.33	U	0.33	< 0.36	U	0.36	< 0.35	U	0.35	< 0.38	U	0.38
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.48	U	0.48	< 0.52	U	0.52	< 0.5	U	0.5	< 0.55	U	0.55
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.25	U	0.25	< 0.27	U	0.27	< 0.26	U	0.26	< 0.28	U	0.28
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1.2	U	1.2	< 1.3	U	1.3	< 1.2	U	1.2	< 1.4	U	1.4
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.46	U	0.46	< 0.5	U	0.5	< 0.48	U	0.48	< 0.53	U	0.53
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.33	U	0.33	< 0.36	U	0.36	< 0.35	U	0.35	< 0.38	U	0.38
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.31	U	0.31	< 0.34	U	0.34	< 0.33	U	0.33	< 0.36	U	0.36
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.63	U	0.63	< 0.69	U	0.69	< 0.66	U	0.66	< 0.73	U	0.73
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.32	U	0.32	< 0.35	U	0.35	< 0.34	U	0.34	< 0.37	U	0.37
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.61	U	0.61	< 0.66	U	0.66	< 0.63	U	0.63	< 0.7	U	0.7
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.3	U	1.3	< 1.4	U	1.4	< 1.3	U	1.3	< 1.5	U	1.5
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.58	U	0.58	< 0.63	U	0.63	< 0.6	U	0.6	< 0.66	U	0.66
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.5	U	0.5	< 0.54	U	0.54	< 0.52	U	0.52	< 0.57	U	0.57
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 5.8	U	5.8	< 6.3	U	6.3	< 6	U	6	< 6.6	U	6.6

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N46E2E1			SB-N46E2N1			SB-N46E2N1			SB-N46E2S1		
	Sample Date:		Non-Residential					05/29/2008			05/29/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.21	U	0.21	< 0.23	U	0.23	< 0.22	U	0.22	< 0.24	U	0.24
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.26	U	0.26	< 0.28	U	0.28	< 0.27	U	0.27	< 0.3	U	0.3
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.3	U	0.3	< 0.33	U	0.33	< 0.32	U	0.32	< 0.35	U	0.35
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.5	U	0.5	< 0.54	U	0.54	< 0.52	U	0.52	< 0.57	U	0.57
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.4	U	0.4	< 0.44	U	0.44	< 0.42	U	0.42	< 0.46	U	0.46
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.34	U	0.34	< 0.37	U	0.37	< 0.35	U	0.35	< 0.39	U	0.39
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.3	U	0.3	< 0.33	U	0.33	< 0.32	U	0.32	< 0.35	U	0.35
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 0.79	U	0.79	< 0.86	U	0.86	< 0.82	U	0.82	< 0.91	U	0.91
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.27	U	0.27	< 0.29	U	0.29	< 0.28	U	0.28	< 0.31	U	0.31
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.38	U	0.38	< 0.41	U	0.41	< 0.39	U	0.39	< 0.43	U	0.43
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.33	U	0.33	< 0.36	U	0.36	< 0.35	U	0.35	< 0.38	U	0.38
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.31	U	0.31	< 0.34	U	0.34	< 0.33	U	0.33	< 0.36	U	0.36
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.3	U	0.3	< 0.33	U	0.33	< 0.32	U	0.32	< 0.35	U	0.35
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.5	U	0.5	< 0.55	U	0.55	< 0.53	U	0.53	< 0.58	U	0.58
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.46	U	0.46	< 0.5	U	0.5	< 0.48	U	0.48	< 0.53	U	0.53
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	0.8	J	0.24	0.98	J	0.26	< 0.25	U	0.25	< 0.27	U	0.27
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.2	U	1.2	< 1.3	U	1.3	< 1.2	U	1.2	< 1.4	U	1.4
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.15	U	0.15	< 0.16	U	0.16	< 0.15	U	0.15	< 0.17	U	0.17
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.3	U	1.3	< 1.4	U	1.4	< 1.3	U	1.3	< 1.5	U	1.5
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.28	U	0.28	< 0.31	U	0.31	< 0.3	U	0.3	< 0.33	U	0.33
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.39	U	0.39	< 0.43	U	0.43	< 0.41	U	0.41	< 0.45	U	0.45
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	0.76	J	0.61	0.74	J	0.67	< 0.64	U	0.64	< 0.71	U	0.71
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.14	U	0.14	< 0.15	U	0.15	< 0.14	U	0.14	< 0.16	U	0.16
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.48	U	0.48	< 0.52	U	0.52	< 0.5	U	0.5	< 0.55	U	0.55
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.25	U	0.25	< 0.27	U	0.27	< 0.26	U	0.26	< 0.28	U	0.28
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.38	U	0.38	< 0.41	U	0.41	< 0.39	U	0.39	< 0.43	U	0.43
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.5	U	0.5	< 0.54	U	0.54	< 0.52	U	0.52	< 0.57	U	0.57
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.39	U	0.39	< 0.42	U	0.42	< 0.4	U	0.4	< 0.44	U	0.44
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.31	U	0.31	< 0.34	U	0.34	< 0.33	U	0.33	< 0.36	U	0.36
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.36	U	0.36	< 0.39	U	0.39	< 0.37	U	0.37	< 0.41	U	0.41
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	12		0.61	12		0.67	1.2	J	0.64	< 0.71	U	0.71
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.3	U	3.3	< 3.4	U	3.4	< 3.3	U	3.3	< 3.3	U	3.3
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.2	U	3.2	< 3.3	U	3.3	< 3.2	U	3.2	< 3.2	U	3.2
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	4.1	J	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 47	U	47	< 48	U	48	< 48	U	48	< 48	U	48
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2	U	2	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.5	U	2.5	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N46E2E1			SB-N46E2N1			S8-N46E2N1			S8-N46E2S1		
	Sample Date:		Non-Residential					05/29/2008			05/29/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 2	U	2	< 2	U	2	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	3.5	J	2.2	< 2.2	U	2.2	2.6	J	2.2	2.4	J	2.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.1	U	3.1	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.9	U	8.9	< 9.1	U	9.1	< 9	U	9	< 9	U	9
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.4	U	3.4	< 3.5	U	3.5	< 3.5	U	3.5	< 3.4	U	3.4
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 28	U	28	< 29	U	29	< 28	U	28	< 28	U	28
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.4	U	2.4	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.4	U	3.4	< 3.5	U	3.5	< 3.5	U	3.5	< 3.5	U	3.5
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 2	U	2	< 2	U	2	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.1	U	3.1	< 3.2	U	3.2	< 3.1	U	3.1	< 3.1	U	3.1
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.3	U	2.3	< 2.4	U	2.4	< 2.3	U	2.3	< 2.3	U	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.4	U	2.4	< 2.5	U	2.5	< 2.4	U	2.4	150		2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.2	U	2.2	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.7	U	2.7	< 2.8	U	2.8	< 2.8	U	2.8	< 2.8	U	2.8
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.2	U	4.2	< 4.3	U	4.3	< 4.3	U	4.3	< 4.3	U	4.3
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	8.9		1.6	4.4	J	1.6	5.3	J	1.6	5.5	J	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.2	U	1.2	< 1.3	U	1.3	< 1.2	U	1.2	< 1.2	U	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	4.7	J	1.5	< 1.6	U	1.6	3	J	1.5	2.4	J	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	6.8	J	1.3	< 1.4	U	1.4	4.3	J	1.4	< 1.4	U	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.89	U	0.89	< 0.91	U	0.91	< 0.91	U	0.91	< 0.9	U	0.9
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	16	J	3	180	J	3.1	17	J	3.1	20	J	3.1
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.2	U	3.2	< 3.3	U	3.3	9.3	J	3.2	< 3.2	U	3.2
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	16	J	7.5	12	J	7.7	16	J	7.6	12	J	7.6
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.6	U	1.6	< 1.7	U	1.7	< 1.6	U	1.6	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.5	U	2.5	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3.8	J	2.2	2.3	J	2.2	< 2.2	U	2.2	2.8	J	2.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	4.5	J	3.5	4.8	J	3.6	4.2	J	3.6	< 3.6	U	3.6
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	7.5	J	6.5	< 6.7	U	6.7	< 6.7	U	6.7	< 6.7	U	6.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46E2E1			SB-N46E2N1			SB-N46E2N1			SB-N46E2S1		
	Sample Date:							05/29/2008			05/29/2008			05/29/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			FD			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				B			12			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.8	U	2.8	< 2.8	U	2.8	< 2.8	U	2.8	< 2.8	U	2.8
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	3.1	J	2.6	< 2.6	U	2.6	2.8	J	2.6	< 2.6	U	2.6
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	2.1	J	1.9	< 2	U	2	< 1.9	U	1.9	< 1.9	U	1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.4	U	2.4	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.8	U	1.8	< 1.9	U	1.9	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	1.5	J	1.4	< 1.4	U	1.4	< 1.4	U	1.4	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.2	U	2.2	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	3	J	1.9	< 2	U	2	2.2	J	1.9	2.2	J	1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.98	U	0.98	< 1	U	1	< 1	U	1	< 1	U	1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.97	U	0.97	< 0.99	U	0.99	< 0.98	U	0.98	< 0.98	U	0.98
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.1	U	2.1	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.9	U	2.9	< 3	U	3	< 3	U	3	< 3	U	3
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	9.4		1.9	6.3	J	1.9	7.5	J	1.9	6.8	J	1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.4	U	2.4	< 2.5	U	2.5	< 2.4	U	2.4	< 2.4	U	2.4
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	5.9	J	2.4	2.9	J	2.5	2.7	J	2.5	3.3	J	2.5

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N46S1			SB-N46S1			SB-N46W1			SB-N47		
	Sample Date:		PADEP MSCs					05/27/2008			05/27/2008			05/27/2008			05/13/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			9			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			11			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	9,980		0.29	12,400		0.29	5,930		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	NA	NA	NA	0.049	L	0.004	0.051	L	0.004	0.15	L	0.0041
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	NA	NA	NA	7.8	L	0.02	8.4	L	0.02	7.5	J	0.021
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	NA	NA	NA	42.9		0.0094	57.6		0.0094	36.4	L	0.0096
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	NA	NA	NA	0.56		0.0045	0.68		0.0045	0.34		0.0046
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	NA	NA	NA	0.13		0.011	0.15		0.011	0.17		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	15,300		2.2	19,700		2.2	1,440	L	2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	NA	NA	NA	14.6		0.0098	18.5		0.0097	11.1	L	0.01
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	NA	NA	NA	13.5		0.0031	12.9		0.003	6.6		0.0031
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	NA	NA	NA	16.7		0.01	19		0.01	16.9	L	0.011
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	27,300		0.35	32,600		0.35	16,400		0.36
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	NA	NA	NA	12.4		0.0042	13.2		0.0041	13		0.0042
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	7,370		0.46	9,460		0.46	1,670		0.47
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	600	K	0.018	573	K	0.018	120		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	NA	NA	NA	24.7		0.0083	28.3		0.0083	15.1	L	0.0085
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	1,850		1.2	2,300		1.2	764		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	NA	NA	NA	0.28	L	0.05	0.23	L	0.049	0.28	L	0.051
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	NA	NA	NA	0.033	J	0.0029	0.047	J	0.0029	0.0057	J	0.003
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	110		0.88	135		0.88	35.7	J	0.9
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	NA	NA	NA	0.14		0.0024	0.2		0.0024	0.11	J	0.0025
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	NA	NA	NA	17.1		0.0071	20.9		0.007	14.8		0.0072
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	NA	NA	NA	59.3		0.014	69.4		0.014	43.1	L	0.015
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	NA	NA	NA	0.01	J	0.0087	0.0095	J	0.0086	0.011	J	0.0088
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	NA	NA	NA	< 0.12	U	0.12	< 0.69	B	0.69	< 0.12	U	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	< 0.18	U	0.18	< 0.18	U	0.18	< 0.19	U	0.19
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	< 0.28	U	0.28	< 0.28	U	0.28	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	< 0.22	U	0.22	< 0.22	U	0.22	< 0.22	U	0.22
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	< 0.31	U	0.31	< 0.31	U	0.31	< 0.32	U	0.32
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.13	U	0.13	< 0.13	U	0.13	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.47	U	0.47	< 0.47	U	0.47	< 0.48	U	0.48
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N46S1			SB-N46S1			SB-N46W1			SB-N47		
	Sample Date:		Non-Residential					05/27/2008			05/27/2008			05/27/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			9			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			11			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	NA	NA	NA	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.33	U	0.33	< 0.33	U	0.33	< 0.34	U	0.34
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	< 0.16	U	0.16	< 0.16	U	0.16	< 0.17	U	0.17
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	< 0.28	U	0.28	NA	NA	NA	1	J	0.29
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	< 0.21	U	0.21
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	< 0.85	U	0.85	< 0.84	U	0.84	< 0.86	U	0.86
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	< 3	U	3	< 3	U	3	< 3.1	U	3.1
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	< 3.9	U	3.9	< 3.9	U	3.9	< 4	U	4
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	< 3.5	U	3.5	< 3.5	U	3.5	< 3.6	U	3.6
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	< 3.3	U	3.3	< 3.3	U	3.3	< 3.4	U	3.4
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	< 1.9	U	1.9	< 1.9	U	1.9	< 2	U	2
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	< 2.9	U	2.9	< 2.9	U	2.9	24	J	2.9
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 45	U	45	< 0.6	U	0.6	< 0.56	U	0.56	< 140000	U	140000
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 39	U	39	< 0.36	U	0.36	< 0.34	U	0.34	< 160000	U	160000
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 47	U	47	< 0.41	U	0.41	< 0.39	U	0.39	< 150000	U	150000
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 35	U	35	< 0.38	U	0.38	< 0.36	U	0.36	< 140000	U	140000
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 39	U	39	< 0.55	U	0.55	< 0.52	U	0.52	< 170000	U	170000
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 57	U	57	< 0.29	U	0.29	< 0.27	U	0.27	< 150000	U	150000
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 280	U	280	< 1.4	U	1.4	< 1.3	U	1.3	< 120000	U	120000
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 47	U	47	< 0.53	U	0.53	< 0.5	U	0.5	< 150000	U	150000
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 80	U	80	< 0.38	U	0.38	< 0.36	U	0.36	< 160000	U	160000
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 44	U	44	< 0.36	U	0.36	< 0.34	U	0.34	< 160000	U	160000
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 35	U	35	< 0.73	U	0.73	< 0.69	U	0.69	< 160000	U	160000
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 34	U	34	< 0.37	U	0.37	< 0.35	U	0.35	< 150000	U	150000
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 37	U	37	< 0.7	U	0.7	< 0.66	U	0.66	< 160000	U	160000
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 230	U	230	3.2	J	1.5	3	J	1.4	< 140000	U	140000
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 110	U	110	< 0.67	U	0.67	< 0.63	U	0.63	< 110000	U	110000
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 52	U	52	< 0.57	U	0.57	< 0.54	U	0.54	< 120000	U	120000
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 1200	B	1200	13	J	6.7	20		6.3	< 170000	U	170000

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46S1			SB-N46S1			SB-N46W1			SB-N47		
	Sample Date:							05/27/2008			05/27/2008			05/27/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				8			10			9			2		
	End Depth:		Subsurface Soil					10			12			11			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 65	B	65	< 0.24	U	0.24	< 0.33	B	0.33	< 150000	U	150000
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 57	U	57	< 0.3	U	0.3	< 0.28	U	0.28	< 140000	U	140000
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 62	U	62	< 0.35	U	0.35	< 0.33	U	0.33	< 140000	U	140000
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 120	U	120	< 0.57	U	0.57	< 1.9	B	1.9	< 180000	U	180000
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 95	U	95	< 0.47	U	0.47	< 0.44	U	0.44	< 170000	U	170000
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 57	U	57	< 0.39	U	0.39	< 0.37	U	0.37	< 130000	U	130000
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 30	U	30	< 0.35	U	0.35	< 0.33	U	0.33	< 160000	U	160000
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 310	U	310	< 0.91	U	0.91	< 0.86	U	0.86	< 200000	U	200000
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 57	U	57	< 0.31	U	0.31	< 0.29	U	0.29	< 150000	U	150000
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 63	B	63	< 0.44	U	0.44	< 0.41	U	0.41	< 160000	U	160000
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 66	U	66	< 0.38	U	0.38	< 0.36	U	0.36	< 150000	U	150000
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 0.36	U	0.36	< 0.34	U	0.34	< 130000	U	130000
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 36	U	36	< 0.35	U	0.35	< 0.33	U	0.33	< 140000	U	140000
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 33	U	33	< 0.58	U	0.58	< 0.55	U	0.55	< 130000	U	130000
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 26	U	26	< 0.53	U	0.53	< 0.5	U	0.5	< 180000	U	180000
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	470	J	32	0.79	J	0.28	13		0.26	*9,700,000*		170000
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 47	U	47	< 1.4	U	1.4	< 1.3	U	1.3	< 180000	U	180000
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	400	J	24	< 0.17	U	0.17	< 0.16	U	0.16	< 150000	U	150000
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 250	U	250	< 1.5	U	1.5	< 1.4	U	1.4	< 150000	U	150000
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 27	U	27	< 0.33	U	0.33	< 0.31	U	0.31	< 160000	U	160000
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 47	U	47	< 0.46	U	0.46	< 0.43	U	0.43	< 130000	U	130000
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 810	B	810	< 1.9	B	1.9	< 5.2	B	5.2	< 110000	U	110000
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 130	U	130	< 0.16	U	0.16	< 0.15	U	0.15	< 160000	U	160000
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 43	U	43	< 0.55	U	0.55	< 0.52	U	0.52	< 180000	U	180000
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 43	U	43	< 0.29	U	0.29	< 0.27	U	0.27	< 110000	U	110000
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 52	U	52	< 0.44	U	0.44	< 0.41	U	0.41	< 170000	U	170000
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 0.57	U	0.57	< 0.54	U	0.54	< 120000	U	120000
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 57	U	57	< 0.45	U	0.45	< 0.42	U	0.42	< 160000	U	160000
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 39	U	39	< 0.36	U	0.36	< 0.34	U	0.34	< 230000	U	230000
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 76	U	76	< 0.41	U	0.41	< 0.39	U	0.39	< 160000	U	160000
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	1,100	J	71	7.3	J	0.71	76		0.67	***49,000,000***		500000
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 16	U	16	< 17	U	17	< 17	U	17	< 34	U	34
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 16	U	16	< 16	U	16	< 16	U	16	< 33	U	33
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 5.9	U	5.9	< 6	U	6	< 6	U	6	< 12	U	12
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 8.5	U	8.5	< 8.7	U	8.7	< 8.7	U	8.7	600		18
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 230	U	230	< 240	U	240	< 240	U	240	< 490	U	490
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 10	U	10	< 10	U	10	< 10	U	10	< 21	U	21
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 13	U	13	< 13	U	13	< 13	U	13	< 27	U	27
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 11	U	11	< 12	U	12	< 12	U	12	< 24	U	24

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46S1			SB-N46S1			SB-N46W1			SB-N47		
	Sample Date:							05/27/2008			05/27/2008			05/27/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			9			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			11			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 10	U	10	< 10	U	10	< 10	U	10	< 21	U	21
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 11	U	11	< 11	U	11	< 11	U	11	32	J	23
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 12	U	12	< 13	U	13	< 13	U	13	< 26	U	26
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 12	U	12	< 12	U	12	< 12	U	12	< 25	U	25
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 16	U	16	< 16	U	16	< 16	U	16	< 33	U	33
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 45	U	45	< 46	U	46	< 45	U	45	< 93	U	93
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 17	U	17	< 17	U	17	< 17	U	17	< 35	U	35
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 140	U	140	< 140	U	140	< 140	U	140	< 290	U	290
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 8.9	U	8.9	< 9.1	U	9.1	< 9	U	9	< 19	U	19
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 12	U	12	< 12	U	12	< 12	U	12	< 25	U	25
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 17	U	17	< 17	U	17	< 17	U	17	< 36	U	36
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9.8	U	9.8	< 10	U	10	< 10	U	10	< 20	U	20
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 12	U	12	< 13	U	13	< 13	U	13	< 26	U	26
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 8.3	U	8.3	< 8.5	U	8.5	< 8.5	U	8.5	< 17	U	17
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 15	U	15	< 16	U	16	< 16	U	16	< 32	U	32
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 10	U	10	< 11	U	11	< 10	U	10	< 21	U	21
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 12	U	12	< 12	U	12	< 12	U	12	< 24	U	24
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 12	U	12	< 12	U	12	< 12	U	12	1,200		25
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 11	U	11	< 11	U	11	< 11	U	11	< 23	U	23
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 14	U	14	< 14	U	14	< 14	U	14	< 28	U	28
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 21	U	21	< 21	U	21	< 21	U	21	< 44	U	44
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 7.9	U	7.9	< 8	U	8	< 8	U	8	< 16	U	16
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 6.1	U	6.1	< 6.2	U	6.2	< 6.2	U	6.2	< 13	U	13
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 7.6	U	7.6	< 7.8	U	7.8	< 7.7	U	7.7	< 16	U	16
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 6.8	U	6.8	< 6.9	U	6.9	< 6.9	U	6.9	< 14	U	14
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 6.4	U	6.4	< 6.5	U	6.5	< 6.5	U	6.5	< 13	U	13
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 11	U	11	< 11	U	11	< 11	U	11	< 23	U	23
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9.3	U	9.3	< 9.4	U	9.4	< 9.4	U	9.4	< 19	U	19
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 4.5	U	4.5	< 4.6	U	4.6	< 4.5	U	4.5	< 9.3	U	9.3
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 12	U	12	< 12	U	12	< 12	U	12	< 25	U	25
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	61	J	15	18	J	16	26	J	15	280	J	32
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 16	U	16	< 16	U	16	23	J	16	< 33	U	33
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 38	U	38	< 38	U	38	< 38	U	38	< 78	U	78
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 8.1	U	8.1	< 8.3	U	8.3	< 8.3	U	8.3	< 17	U	17
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 7.9	U	7.9	< 8	U	8	< 8	U	8	< 16	U	16
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 13	U	13	< 13	U	13	< 13	U	13	< 26	U	26
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 11	U	11	< 11	U	11	< 11	U	11	< 23	U	23
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 18	U	18	< 18	U	18	< 18	U	18	< 37	U	37
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 11	U	11	< 11	U	11	< 11	U	11	< 23	U	23
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 33	U	33	< 34	U	34	< 33	U	33	< 68	U	68

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N46S1			SB-N46S1			SB-N46W1			SB-N47		
	Sample Date:							05/27/2008			05/27/2008			05/27/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				8			10			9			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				10			12			11			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 14	U	14	< 14	U	14	< 14	U	14	< 29	U	29
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 13	U	13	< 13	U	13	< 13	U	13	< 27	U	27
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 9.6	U	9.6	< 9.8	U	9.8	< 9.8	U	9.8	< 20	U	20
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 12	U	12	< 12	U	12	< 12	U	12	< 25	U	25
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 12	U	12	< 12	U	12	< 12	U	12	< 25	U	25
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 9.1	U	9.1	< 9.3	U	9.3	< 9.2	U	9.2	< 19	U	19
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 8.9	U	8.9	< 9.1	U	9.1	< 9	U	9	< 18	U	18
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 7	U	7	< 7.2	U	7.2	< 7.1	U	7.1	< 15	U	15
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 11	U	11	< 11	U	11	< 11	U	11	< 23	U	23
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	15	J	9.6	< 9.8	U	9.8	< 9.8	U	9.8	110		20
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 4.9	U	4.9	< 5	U	5	83		5	< 10	U	10
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 4.9	U	4.9	< 5	U	5	< 4.9	U	4.9	< 10	U	10
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 11	U	11	< 11	U	11	< 11	U	11	< 22	U	22
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 15	U	15	< 15	U	15	< 15	U	15	< 31	U	31
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	15	J	9.5	11	J	9.7	18	J	9.7	41	J	20
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 12	U	12	< 12	U	12	< 12	U	12	< 25	U	25
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 12	U	12	< 12	U	12	< 12	U	12	< 25	U	25

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *Italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULT5
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N47			SB-N47E1			SB-N47N1			SB-N47W1		
	Sample Date:							05/13/2008			05/27/2008			05/27/2008			05/27/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			8			8			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			10			10			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	13,000		0.29	12,000		0.29	12,600		0.28
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	NA	NA	NA	0.053	L	0.004	0.056	L	0.004	0.06	L	0.004
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	NA	NA	NA	8.5	L	0.02	7.1	L	0.02	6.3	L	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	NA	NA	NA	54		0.0094	50.8		0.0094	56.3		0.0092
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	NA	NA	NA	0.77		0.0045	0.6		0.0045	0.66		0.0044
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	NA	NA	NA	0.12		0.011	0.15		0.011	0.15		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	14,000		2.2	16,800		2.2	14,500		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	NA	NA	NA	19.2		0.0098	17.4		0.0098	18.5		0.0096
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	NA	NA	NA	13.1		0.0031	13.8		0.0031	12.4		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	NA	NA	NA	19.3		0.01	17.6		0.01	17.8		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	33,400		0.35	30,400		0.35	32,600		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	NA	NA	NA	14.6		0.0042	13.9		0.0042	13.7		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	8,190		0.46	8,490		0.46	8,290		0.45
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	508	K	0.018	615	K	0.018	541	K	0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	NA	NA	NA	28.3		0.0083	27.3		0.0083	27		0.0082
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	2,400		1.2	2,230		1.2	2,290		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	NA	NA	NA	0.24	L	0.05	0.26	L	0.05	0.22	L	0.049
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	NA	NA	NA	0.04	J	0.0029	0.037	J	0.0029	0.039	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	127		0.88	120		0.89	128		0.87
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	NA	NA	NA	0.18		0.0024	0.18		0.0024	0.18		0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	NA	NA	NA	20.9		0.0071	20.1		0.0071	20.2		0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	NA	NA	NA	70.9		0.014	64.5		0.014	68.4		0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	NA	NA	NA	0.0088	J	0.0087	0.0096	J	0.0087	0.0094	J	0.0085
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	NA	NA	NA	< 0.12	U	0.12	< 0.12	U	0.12	< 0.11	B	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	< 0.18	U	0.18	< 0.18	U	0.18	< 0.18	U	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	< 0.28	U	0.28	< 0.28	U	0.28	< 0.27	U	0.27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	< 0.21	U	0.21	< 0.22	U	0.22	0.6	J	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	< 0.31	U	0.31	< 0.31	U	0.31	< 0.3	U	0.3
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.13	U	0.13	< 0.13	U	0.13	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	< 0.21	U	0.21	< 0.21	U	0.21	0.33	J	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	< 0.24	U	0.24	< 0.24	U	0.24	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.46	U	0.46	< 0.47	U	0.47	< 0.46	U	0.46
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N47			SB-N47E1			SB-N47N1			SB-N47W1		
	Sample Date:		Non-Residential					05/13/2008			05/27/2008			05/27/2008			05/27/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			8			8			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			10			10			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	< 0.15	U	0.15	< 0.15	U	0.15	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.33	U	0.33	< 0.33	U	0.33	< 0.32	U	0.32
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.26	U	0.26	< 0.26	U	0.26	< 0.25	U	0.25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.23	U	0.23	< 0.24	U	0.24	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	< 0.28	U	0.28	NA	NA	NA	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.21	U	0.21	< 0.21	U	0.21	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.26	U	0.26	< 0.26	U	0.26	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	< 0.2	U	0.2	< 0.2	U	0.2	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	< 0.84	U	0.84	< 0.85	U	0.85	< 0.82	U	0.82
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	< 3	U	3	< 3	U	3	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	< 3.8	U	3.8	< 3.9	U	3.9	< 3.8	U	3.8
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	< 3.5	U	3.5	< 3.5	U	3.5	< 3.4	U	3.4
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	< 3.3	U	3.3	< 3.3	U	3.3	< 3.2	U	3.2
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	< 2.9	U	2.9	< 2.9	U	2.9	< 2.8	U	2.8
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	< 2.9	U	2.9	< 2.9	U	2.9	< 2.8	U	2.8
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.97	U	0.97	< 9.8	U	9.8	< 0.55	U	0.55	< 0.55	U	0.55
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 1.1	U	1.1	< 8.4	U	8.4	< 0.33	U	0.33	< 0.33	U	0.33
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1	U	1	< 10	U	10	< 0.38	U	0.38	< 0.38	U	0.38
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.93	U	0.93	< 7.5	U	7.5	< 0.35	U	0.35	< 0.35	U	0.35
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.1	U	1.1	< 8.5	U	8.5	< 0.51	U	0.51	< 0.51	U	0.51
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.98	U	0.98	< 12	U	12	< 0.26	U	0.26	< 0.27	U	0.27
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.8	U	0.8	< 62	U	62	< 1.3	U	1.3	< 1.3	U	1.3
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.99	U	0.99	< 10	U	10	< 0.49	U	0.49	< 0.49	U	0.49
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1	U	1	< 17	U	17	< 0.35	U	0.35	< 0.35	U	0.35
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 1	U	1	< 9.5	U	9.5	< 0.33	U	0.33	< 0.33	U	0.33
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 1.1	U	1.1	< 7.6	U	7.6	< 0.68	U	0.68	< 0.68	U	0.68
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 1	U	1	< 7.4	U	7.4	< 0.34	U	0.34	< 0.34	U	0.34
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 1.1	U	1.1	< 8.1	U	8.1	< 0.65	U	0.65	< 0.65	U	0.65
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.92	U	0.92	< 50	U	50	2.5	J	1.4	2.5	J	1.4
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.75	U	0.75	< 25	U	25	< 0.62	U	0.62	< 0.62	U	0.62
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.83	U	0.83	< 11	U	11	< 0.53	U	0.53	< 0.53	U	0.53
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	6.1	J	4.8	< 350	B	350	11	J	6.2	12	J	6.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N47			SB-N47E1			SB-N47N1			SB-N47W1		
	Sample Date:		Non-Residential					05/13/2008			05/27/2008			05/27/2008			05/27/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			8			8			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			10			10			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.99	U	0.99	< 16	B	16	< 0.23	U	0.23	< 0.23	U	0.23
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.92	U	0.92	< 12	U	12	< 0.27	U	0.27	< 0.28	U	0.28
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.97	U	0.97	< 13	U	13	< 0.32	U	0.32	< 0.32	U	0.32
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 1.2	U	1.2	< 26	U	26	< 0.53	U	0.53	< 0.53	U	0.53
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 1.2	U	1.2	< 21	U	21	< 0.43	U	0.43	< 0.43	U	0.43
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.85	U	0.85	< 12	U	12	< 0.36	U	0.36	< 0.36	U	0.36
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 1.1	U	1.1	< 6.5	U	6.5	< 0.32	U	0.32	< 0.32	U	0.32
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.4	U	1.4	< 67	U	67	< 0.84	U	0.84	< 0.85	U	0.85
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 1	U	1	< 12	U	12	< 0.28	U	0.28	< 0.29	U	0.29
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.1	U	1.1	< 18	B	18	< 0.4	U	0.4	< 0.4	U	0.4
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 1	U	1	< 14	U	14	< 0.35	U	0.35	< 0.35	U	0.35
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.85	U	0.85	< 5.6	U	5.6	< 0.33	U	0.33	< 0.33	U	0.33
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.95	U	0.95	< 7.9	U	7.9	< 0.32	U	0.32	< 0.32	U	0.32
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.88	U	0.88	< 7.1	U	7.1	< 0.54	U	0.54	< 0.54	U	0.54
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 1.2	U	1.2	< 5.5	U	5.5	< 0.49	U	0.49	< 0.49	U	0.49
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	4.6	J	1.1	370		7	1.9	J	0.25	0.26	J	0.26
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.2	U	1.2	< 10	U	10	< 1.3	U	1.3	< 1.3	U	1.3
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 1	U	1	20	J	5.2	< 0.16	U	0.16	< 0.16	U	0.16
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1	U	1	< 53	U	53	< 1.4	U	1.4	< 1.4	U	1.4
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.1	U	1.1	< 5.9	U	5.9	< 0.3	U	0.3	< 0.3	U	0.3
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.88	U	0.88	< 10	U	10	< 0.42	U	0.42	< 0.42	U	0.42
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 0.73	U	0.73	< 180	B	180	< 1.1	B	1.1	< 0.66	U	0.66
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 1.1	U	1.1	< 29	U	29	< 0.15	U	0.15	< 0.15	U	0.15
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 1.2	U	1.2	< 9.2	U	9.2	< 0.51	U	0.51	< 0.51	U	0.51
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.75	U	0.75	< 9.3	U	9.3	< 0.26	U	0.26	< 0.27	U	0.27
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 1.1	U	1.1	< 11	U	11	< 0.4	U	0.4	< 0.4	U	0.4
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.83	U	0.83	< 5.5	U	5.5	< 0.53	U	0.53	< 0.53	U	0.53
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 1.1	U	1.1	< 12	U	12	< 0.41	U	0.41	< 0.41	U	0.41
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.5	U	1.5	< 8.5	U	8.5	< 0.33	U	0.33	< 0.33	U	0.33
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 1.1	U	1.1	< 16	U	16	< 0.38	U	0.38	< 0.38	U	0.38
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	27		3.4	3,800		15	11		0.66	1.5	J	0.66
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.3	U	3.3	< 17	U	17	< 17	U	17	< 16	U	16
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.3	U	3.3	< 16	U	16	< 16	U	16	< 16	U	16
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 6	U	6	< 6.1	U	6.1	< 5.9	U	5.9
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	21	J	1.7	11	J	8.6	< 8.7	U	8.7	< 8.5	U	8.5
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 48	U	48	< 240	U	240	< 240	U	240	< 230	U	230
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.1	U	2.1	< 10	U	10	< 10	U	10	< 10	U	10
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.6	U	2.6	< 13	U	13	< 13	U	13	< 13	U	13
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.3	U	2.3	< 12	U	12	< 12	U	12	< 11	U	11

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N47			SB-N47E1			SB-N47N1			SB-N47W1		
	Sample Date:							05/13/2008			05/27/2008			05/27/2008			05/27/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			8			8			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			10			10			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 10	U	10	< 10	U	10	< 9.9	U	9.9
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	2.9	J	2.2	< 11	U	11	< 11	U	11	< 11	U	11
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.5	U	2.5	< 13	U	13	< 13	U	13	< 12	U	12
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.4	U	2.4	< 12	U	12	< 12	U	12	< 12	U	12
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.2	U	3.2	< 16	U	16	< 16	U	16	< 16	U	16
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9.1	U	9.1	< 45	U	45	< 46	U	46	< 44	U	44
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.5	U	3.5	< 17	U	17	< 17	U	17	< 17	U	17
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 29	U	29	< 140	U	140	< 140	U	140	< 140	U	140
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 9	U	9	< 9.1	U	9.1	< 8.8	U	8.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.5	U	2.5	< 12	U	12	< 12	U	12	< 12	U	12
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.5	U	3.5	< 17	U	17	< 17	U	17	< 17	U	17
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 9.9	U	9.9	< 10	U	10	< 9.7	U	9.7
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.5	U	2.5	< 13	U	13	< 13	U	13	< 12	U	12
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 8.4	U	8.4	< 8.5	U	8.5	< 8.3	U	8.3
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.2	U	3.2	< 16	U	16	< 16	U	16	< 15	U	15
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.1	U	2.1	< 10	U	10	< 11	U	11	< 10	U	10
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.4	U	2.4	< 12	U	12	< 12	U	12	< 11	U	11
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	6.8	J	2.5	< 12	U	12	< 12	U	12	< 12	U	12
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.3	U	2.3	< 11	U	11	< 12	U	12	< 11	U	11
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.8	U	2.8	< 14	U	14	< 14	U	14	< 14	U	14
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.3	U	4.3	< 21	U	21	< 22	U	22	< 21	U	21
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.6	U	1.6	< 7.9	U	7.9	< 8	U	8	< 7.8	U	7.8
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.2	U	1.2	< 6.2	U	6.2	< 6.3	U	6.3	< 6.1	U	6.1
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.6	U	1.6	< 7.7	U	7.7	< 7.8	U	7.8	< 7.6	U	7.6
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	3.8	J	1.4	15	J	6.8	< 6.9	U	6.9	< 6.7	U	6.7
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 6.4	U	6.4	< 6.5	U	6.5	< 6.3	U	6.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	< 11	U	11	< 11	U	11	< 11	U	11
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 9.3	U	9.3	< 9.5	U	9.5	< 9.2	U	9.2
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.91	U	0.91	< 4.5	U	4.5	< 4.6	U	4.6	< 4.4	U	4.4
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.4	U	2.4	< 12	U	12	< 12	U	12	< 12	U	12
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	< 3.1	U	3.1	74	J	15	140	J	16	88	J	15
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.2	U	3.2	< 16	U	16	35	J	16	27	J	16
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	36	J	7.7	< 38	U	38	< 38	U	38	< 37	U	37
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.7	U	1.7	< 8.2	U	8.2	< 8.3	U	8.3	< 8.1	U	8.1
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	< 8	U	8	< 8	U	8	< 7.8	U	7.8
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.6	U	2.6	< 13	U	13	< 13	U	13	< 12	U	12
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	4.3	J	2.2	< 11	U	11	< 11	U	11	12	J	11
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.6	U	3.6	< 18	U	18	< 18	U	18	< 18	U	18
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.3	U	2.3	< 11	U	11	< 11	U	11	< 11	U	11
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	8.5	J	6.7	< 33	U	33	< 34	U	34	< 33	U	33

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N47			SB-N47E1			SB-N47N1			SB-N47W1		
	Sample Date:		Non-Residential					05/13/2008			05/27/2008			05/27/2008			05/27/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				10			8			8			9		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				12			10			10			11		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.8	U	2.8	< 14	U	14	< 14	U	14	< 14	U	14
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	3.3	J	2.6	< 13	U	13	< 13	U	13	< 13	U	13
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	2.3	J	2	< 9.7	U	9.7	< 9.8	U	9.8	< 9.5	U	9.5
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.4	U	2.4	< 12	U	12	< 12	U	12	< 12	U	12
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.5	U	2.5	< 12	U	12	< 12	U	12	< 12	U	12
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.9	U	1.9	< 9.2	U	9.2	< 9.3	U	9.3	< 9	U	9
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 9	U	9	< 9.1	U	9.1	< 8.8	U	8.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.4	U	1.4	< 7.1	U	7.1	< 7.2	U	7.2	< 7	U	7
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.3	U	2.3	< 11	U	11	< 11	U	11	< 11	U	11
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	2.1	J	2	9.8	J	9.7	22	J	9.8	< 9.5	U	9.5
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1	U	1	< 5	U	5	< 5.1	U	5.1	< 4.9	U	4.9
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.99	U	0.99	< 4.9	U	4.9	< 5	U	5	< 4.8	U	4.8
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.2	U	2.2	< 11	U	11	< 11	U	11	< 11	U	11
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3	U	3	< 15	U	15	< 15	U	15	< 15	U	15
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	9.6		1.9	27	J	9.6	23	J	9.7	28	J	9.4
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.4	U	2.4	< 12	U	12	< 12	U	12	< 12	U	12
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	3.2	J	2.5	12	J	12	< 12	U	12	12	J	12

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N48			SB-N48			SB-N49			SB-N49E1		
	Sample Date:		Non-Residential					05/16/2008			05/16/2008			05/15/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				4			8			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				6			10			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	6,970		0.31	12,500		0.28	8,000		0.28	8,340		0.28
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	2.2	L	0.0044	0.14	L	0.004	< 0.089	B	0.089	0.15	L	0.0039
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	58.1		0.022	5.3		0.02	7.5		0.02	11.5	K	0.019
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	224		0.01	47.6		0.0093	31.8		0.0093	37.8	L	0.009
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.41		0.0049	0.59		0.0045	0.44		0.0045	0.48	L	0.0043
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.56		0.012	0.29		0.011	0.27		0.011	0.13		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	4,160		2.4	18,100		2.1	1,230		2.1	1,190		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	26.4		0.011	19.4		0.0096	15.2		0.0096	13.5	K	0.0094
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	3.9		0.0033	12.9		0.003	8.6		0.003	8.2		0.0029
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	30.6	K	0.011	19.1	K	0.01	15.5		0.01	17.3		0.0099
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	16,400		0.38	32,600		0.35	19,300		0.35	24,200		0.34
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	119		0.0045	14.3		0.0041	12.2		0.0041	14.6		0.004
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	992		0.51	11,700		0.46	2,350		0.46	2,270	L	0.44
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	102		0.019	542		0.017	132		0.017	182		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	10.2		0.0091	28.6		0.0082	20.1		0.0082	20.6		0.008
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,040		1.3	1,640		1.2	1,500		1.2	935		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.68	L	0.054	0.72	L	0.049	0.48	J	0.049	< 0.18	B	0.18
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.55		0.0032	0.058	J	0.0029	< 0.023	B	0.023	0.011	J	0.0028
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	231		0.96	88.4		0.87	62.9		0.87	67.8		0.85
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.38		0.0027	0.19		0.0024	0.12		0.0024	0.13		0.0023
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	22.1		0.0077	20.9		0.007	17.7		0.007	19.7		0.0068
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	339	J	0.016	59.6	J	0.014	48.9		0.014	59.1	K	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	< 0.0095	U	0.0095	0.0094	J	0.0085	0.015	J	0.0085	0.01	J	0.0083
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.51	B	0.51	< 0.12	B	0.12	< 0.19	B	0.19	< 0.15	B	0.15
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	0.36	J	0.17
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.13	U	0.13	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.3	U	0.3	< 0.27	U	0.27	< 0.27	U	0.27	< 0.27	U	0.27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.24	U	0.24	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.34	U	0.34	< 0.31	U	0.31	< 0.31	U	0.31	< 0.3	U	0.3
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.14	U	0.14	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	0.77	J	0.23	< 0.21	U	0.21	< 0.21	U	0.21	< 0.2	U	0.2
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.26	U	0.26	< 0.24	U	0.24	< 0.24	U	0.24	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.51	U	0.51	< 0.46	U	0.46	< 0.46	U	0.46	< 0.45	U	0.45
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.23	U	0.23	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N48			SB-N48			SB-N49			SB-N49E1		
	Sample Date:							05/16/2008			05/16/2008			05/15/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater Used Aquifer,TDS<=2500 mg/l				4			8			6			2		
	End Depth:		Subsurface Soil					6			10			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.33	U	0.33	< 0.33	U	0.33	< 0.32	U	0.32
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.18	U	0.18	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.25	U	0.25	< 0.25	U	0.25	< 0.25	U	0.25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.23	U	0.23	< 0.23	U	0.23	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.31	U	0.31	< 0.28	U	0.28	< 0.28	U	0.28	< 0.27	U	0.27
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	7.1		0.23	< 0.21	U	0.21	NA	NA	NA	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.28	U	0.28	< 0.26	U	0.26	< 0.26	U	0.26	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.22	U	0.22	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.92	U	0.92	< 0.83	U	0.83	< 0.83	U	0.83	< 0.81	U	0.81
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 15	U	15	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3.3	U	3.3	< 3	U	3	< 3	U	3	< 2.9	U	2.9
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 4.2	U	4.2	< 3.8	U	3.8	< 3.8	U	3.8	< 3.7	U	3.7
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.8	U	3.8	< 3.4	U	3.4	< 3.4	U	3.4	< 3.3	U	3.3
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.6	U	3.6	< 3.3	U	3.3	< 3.3	U	3.3	< 3.2	U	3.2
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2.1	U	2.1	< 1.9	U	1.9	< 1.9	U	1.9	< 1.8	U	1.8
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	430		3.2	< 2.9	U	2.9	100		2.9	9.1	J	2.8
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 3.2	U	3.2	< 2.9	U	2.9	< 2.9	U	2.9	< 2.8	U	2.8
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.64	U	0.64	< 0.48	U	0.48	< 240	U	240	< 0.61	U	0.61
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.95	U	0.95	< 0.71	U	0.71	< 270	U	270	< 0.37	U	0.37
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1.1	U	1.1	< 0.82	U	0.82	< 250	U	250	< 0.42	U	0.42
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.76	U	0.76	< 0.57	U	0.57	< 230	U	230	< 0.39	U	0.39
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.1	U	1.1	< 0.84	U	0.84	< 280	U	280	< 0.57	U	0.57
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.2	U	1.2	< 0.87	U	0.87	< 250	U	250	< 0.29	U	0.29
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.99	U	0.99	< 0.74	U	0.74	< 200	U	200	< 1.4	U	1.4
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.1	U	1.1	< 0.85	U	0.85	< 250	U	250	< 0.54	U	0.54
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1.1	U	1.1	< 0.79	U	0.79	< 260	U	260	0.47	J	0.39
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.81	U	0.81	< 0.61	U	0.61	< 260	U	260	< 0.37	U	0.37
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.72	U	0.72	< 0.54	U	0.54	< 260	U	260	< 0.75	U	0.75
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.87	U	0.87	< 0.65	U	0.65	< 250	U	250	< 0.38	U	0.38
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.84	U	0.84	< 0.63	U	0.63	< 260	U	260	< 0.72	U	0.72
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.2	U	1.2	< 0.87	U	0.87	< 230	U	230	5.3	J	1.5
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.91	U	0.91	< 0.68	U	0.68	< 190	U	190	< 0.69	U	0.69
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.86	U	0.86	< 0.64	U	0.64	< 210	U	210	< 0.59	U	0.59
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	7.3	J	6.6	< 4.9	U	4.9	< 280	U	280	37		6.9

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N48			SB-N48			SB-N49			SB-N49E1		
	Sample Date:							05/16/2008			05/16/2008			05/15/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				4			8			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				6			10			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.89	U	0.89	< 0.67	U	0.67	< 250	U	250	< 0.39	B	0.39
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.74	U	0.74	< 0.55	U	0.55	< 230	U	230	< 0.3	U	0.3
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.58	U	0.58	< 0.44	U	0.44	< 240	U	240	< 0.36	U	0.36
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.97	U	0.97	< 0.73	U	0.73	< 300	U	300	< 0.59	U	0.59
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.68	U	0.68	< 0.51	U	0.51	< 290	U	290	< 0.48	U	0.48
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.59	U	0.59	< 0.44	U	0.44	< 210	U	210	< 0.4	U	0.4
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 1	U	1	< 0.75	U	0.75	< 260	U	260	< 0.36	U	0.36
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 2	U	2	< 1.5	U	1.5	< 340	U	340	< 0.94	U	0.94
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.77	U	0.77	< 0.58	U	0.58	< 250	U	250	< 0.32	U	0.32
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.1	U	1.1	< 0.84	U	0.84	< 260	U	260	< 0.45	U	0.45
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.93	U	0.93	< 0.69	U	0.69	< 260	U	260	< 0.39	U	0.39
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.89	U	0.89	< 0.67	U	0.67	< 210	U	210	< 0.37	U	0.37
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.49	U	0.49	< 0.37	U	0.37	< 240	U	240	< 0.36	U	0.36
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.94	U	0.94	< 0.7	U	0.7	< 220	U	220	< 0.6	U	0.6
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.88	U	0.88	< 0.66	U	0.66	< 300	U	300	< 0.54	U	0.54
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.85	U	0.85	< 0.63	U	0.63	9,000		280	50		0.28
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.4	U	1.4	< 1.1	U	1.1	< 290	U	290	< 1.4	U	1.4
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.89	U	0.89	< 0.67	U	0.67	< 250	U	250	41		0.17
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.2	U	1.2	< 0.89	U	0.89	< 250	U	250	< 1.5	U	1.5
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.96	U	0.96	< 0.72	U	0.72	< 270	U	270	< 0.34	U	0.34
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.99	U	0.99	< 0.74	U	0.74	< 220	U	220	< 0.47	U	0.47
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 0.89	U	0.89	< 0.66	U	0.66	< 180	U	180	< 5.5	B	5.5
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.7	U	0.7	< 0.52	U	0.52	< 270	U	270	< 0.16	U	0.16
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.9	U	0.9	< 0.67	U	0.67	< 310	U	310	< 0.57	U	0.57
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	1.3	J	0.96	< 0.72	U	0.72	< 190	U	190	< 0.29	U	0.29
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.79	U	0.79	< 0.59	U	0.59	< 280	U	280	< 0.45	U	0.45
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.79	U	0.79	< 0.59	U	0.59	< 210	U	210	< 0.59	U	0.59
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.87	U	0.87	< 0.65	U	0.65	< 270	U	270	< 0.46	U	0.46
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.2	U	1.2	< 0.91	U	0.91	< 390	U	390	< 0.37	U	0.37
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.62	U	0.62	< 0.46	U	0.46	< 270	U	270	< 0.42	U	0.42
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 3	U	3	< 2.2	U	2.2	44,000		840	160		0.73
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.6	U	3.6	< 3.3	U	3.3	< 3.3	U	3.3	< 3.2	U	3.2
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.6	U	3.6	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.3	U	1.3	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.9	U	1.9	< 1.7	U	1.7	280		1.7	< 1.7	U	1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 52	U	52	< 47	U	47	< 47	U	47	< 46	U	46
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.3	U	2.3	< 2.1	U	2.1	< 2.1	U	2.1	< 2	U	2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.8	U	2.8	< 2.6	U	2.6	< 2.6	U	2.6	< 2.5	U	2.5
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.6	U	2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N48			SB-N48			SB-N49			SB-N49E1		
	Sample Date:							05/16/2008			05/16/2008			05/15/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				4			8			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				6			10			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.2	U	2.2	< 2	U	2	< 2	U	2	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	4.5	J	2.4	2.5	J	2.2	5.4	J	2.2	< 2.1	U	2.1
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.8	U	2.8	< 2.5	U	2.5	< 2.5	U	2.5	< 2.4	U	2.4
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.7	U	2.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.5	U	3.5	< 3.2	U	3.2	< 3.2	U	3.2	< 3.1	U	3.1
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9.9	U	9.9	< 9	U	9	< 9	U	9	< 8.7	U	8.7
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.8	U	3.8	< 3.4	U	3.4	< 3.4	U	3.4	< 3.3	U	3.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 31	U	31	< 28	U	28	< 28	U	28	< 27	U	27
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 1.8	U	1.8	< 1.8	U	1.8	< 1.7	U	1.7
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.7	U	2.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.8	U	3.8	< 3.4	U	3.4	< 3.4	U	3.4	< 3.3	U	3.3
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 2	U	2	< 2	U	2	< 1.9	U	1.9
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.8	U	2.8	3.5	J	2.5	< 2.5	U	2.5	< 2.4	U	2.4
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.9	U	1.9	< 1.7	U	1.7	< 1.7	U	1.7	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.4	U	3.4	< 3.1	U	3.1	< 3.1	U	3.1	< 3	U	3
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	8.5	J	2.3	< 2.1	U	2.1	< 2.1	U	2.1	2.5	J	2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	12		2.6	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.7	U	2.7	< 2.4	U	2.4	220		2.4	< 2.4	U	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	14		2.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 3	U	3	< 2.7	U	2.7	< 2.7	U	2.7	< 2.7	U	2.7
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.7	U	4.7	6.3	J	4.2	< 4.2	U	4.2	< 4.1	U	4.1
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	9.9		1.7	< 1.6	U	1.6	3.5	J	1.6	< 1.5	U	1.5
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	15		1.4	< 1.2	U	1.2	2	J	1.2	< 1.2	U	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	21		1.7	11		1.5	2.7	J	1.5	< 1.5	U	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	17		1.5	< 1.4	U	1.4	< 1.4	U	1.4	< 1.3	U	1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	6	J	1.4	< 1.3	U	1.3	< 1.3	U	1.3	< 1.2	U	1.2
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	10	J	2.4	9	J	2.2	< 2.2	U	2.2	< 2.1	U	2.1
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 1.9	U	1.9	< 1.9	U	1.9	< 1.8	U	1.8
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.99	U	0.99	< 0.9	U	0.9	< 0.9	U	0.9	< 0.87	U	0.87
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.6	U	2.6	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	150		3.4	< 3.1	U	3.1	25	J	3.1	< 3	U	3
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	32	J	3.5	12	J	3.2	9.7	J	3.2	< 3.1	U	3.1
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	60		8.4	44		7.6	28	J	7.6	23	J	7.3
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.8	U	1.8	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	10		1.8	< 1.6	U	1.6	1.9	J	1.6	< 1.5	U	1.5
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.8	U	2.8	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	10	J	2.4	8.6	J	2.2	< 2.2	U	2.2	3.3	J	2.1
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	5.6	J	3.9	< 3.6	U	3.6	< 3.6	U	3.6	< 3.5	U	3.5
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.5	U	2.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.2	U	2.2
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	22	J	7.3	13	J	6.6	8.4	J	6.6	< 6.4	U	6.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N48			SB-N48			SB-N49			SB-N49E1		
	Sample Date:							05/16/2008			05/16/2008			05/15/2008			05/28/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				4			8			6			2		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				6			10			8			4		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 3.1	U	3.1	< 2.8	U	2.8	< 2.8	U	2.8	< 2.7	U	2.7
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	30		2.9	18		2.6	6.6	J	2.6	< 2.5	U	2.5
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	24		2.1	20		1.9	< 1.9	U	1.9	< 1.9	U	1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.7	U	2.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.7	U	2.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 2	U	2	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 2	U	2	< 1.8	U	1.8	< 1.8	U	1.8	< 1.7	U	1.7
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	14		1.6	< 1.4	U	1.4	< 1.4	U	1.4	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.5	U	2.5	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	9.1		2.1	2.9	J	1.9	30		1.9	< 1.9	U	1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.1	U	1.1	< 0.99	U	0.99	< 0.99	U	0.99	< 0.97	U	0.97
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1.1	U	1.1	< 0.98	U	0.98	< 0.98	U	0.98	< 0.95	U	0.95
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.4	U	2.4	< 2.2	U	2.2	< 2.2	U	2.2	< 2.1	U	2.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3.3	U	3.3	< 3	U	3	< 3	U	3	< 2.9	U	2.9
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	19		2.1	13		1.9	9.1		1.9	5.8	J	1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.7	U	2.7	< 2.4	U	2.4	< 2.4	U	2.4	< 2.3	U	2.3
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	14		2.7	4.1	J	2.4	4.6	J	2.4	< 2.4	U	2.4

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold**.

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *Italics*.

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N49E1			SB-N49S1			SB-N49S1			SB-NS		
	Sample Date:		Non-Residential					05/28/2008			05/28/2008			05/28/2008			05/16/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	5,400		0.26	NA	NA	NA	9,660		0.32
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	NA	NA	NA	0.24	L	0.0037	NA	NA	NA	2.1	L	0.0045
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	NA	NA	NA	11.4	K	0.018	NA	NA	NA	17.3		0.022
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	NA	NA	NA	34.7	L	0.0086	NA	NA	NA	99.3		0.01
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	NA	NA	NA	0.33	L	0.0041	NA	NA	NA	0.68		0.005
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	NA	NA	NA	0.2		0.01	NA	NA	NA	0.63		0.012
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	1,950		2	NA	NA	NA	4,920		2.4
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	NA	NA	NA	19.1	K	0.009	NA	NA	NA	23		0.011
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	NA	NA	NA	7.7		0.0028	NA	NA	NA	11.8		0.0034
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	NA	NA	NA	16.2		0.0095	NA	NA	NA	50.5	K	0.012
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	26,700		0.32	NA	NA	NA	**201,000**		2
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	NA	NA	NA	16.8		0.0038	NA	NA	NA	179		0.0046
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	1,850	L	0.43	NA	NA	NA	2,660		0.52
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	373		0.016	NA	NA	NA	269		0.02
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	NA	NA	NA	18.6		0.0076	NA	NA	NA	28.8		0.0093
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	716		1.1	NA	NA	NA	786		1.4
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	NA	NA	NA	0.2	L	0.046	NA	NA	NA	0.85	L	0.055
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	NA	NA	NA	0.011	J	0.0027	NA	NA	NA	0.079	J	0.0033
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	83.9		0.81	NA	NA	NA	49.1		0.99
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	NA	NA	NA	0.077	J	0.0022	NA	NA	NA	0.2		0.0027
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	NA	NA	NA	12.9		0.0065	NA	NA	NA	22		0.0079
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	NA	NA	NA	63.6	K	0.013	NA	NA	NA	146	J	0.016
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	NA	NA	NA	< 0.008	U	0.008	NA	NA	NA	0.059		0.0097
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.31	B	0.31
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	NA	NA	NA	< 0.17	UJ	0.17	NA	NA	NA	< 0.2	U	0.2
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	NA	NA	NA	< 0.11	UJ	0.11	NA	NA	NA	0.48	J	0.14
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	NA	NA	NA	< 0.26	UJ	0.26	NA	NA	NA	< 0.31	U	0.31
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	NA	NA	NA	< 0.2	UJ	0.2	NA	NA	NA	< 0.24	U	0.24
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	NA	NA	NA	0.53	J	0.29	NA	NA	NA	< 0.35	U	0.35
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.12	UJ	0.12	NA	NA	NA	< 0.14	U	0.14
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	NA	NA	NA	< 0.19	UJ	0.19	NA	NA	NA	< 0.24	U	0.24
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	NA	NA	NA	< 0.22	UJ	0.22	NA	NA	NA	< 0.27	U	0.27
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	NA	NA	NA	< 0.43	UJ	0.43	NA	NA	NA	< 0.52	U	0.52
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.2	UJ	0.2	NA	NA	NA	NA	NA	NA

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N49E1			SB-N49S1			SB-N49S1			SB-N5		
	Sample Date:		Non-Residential					05/28/2008			05/28/2008			05/28/2008			05/16/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	NA	NA	NA	< 0.14	UJ	0.14	NA	NA	NA	< 0.17	U	0.17
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	NA	NA	NA	< 0.3	UJ	0.3	NA	NA	NA	< 0.37	U	0.37
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	NA	NA	NA	< 0.15	UJ	0.15	NA	NA	NA	< 0.18	U	0.18
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.24	UJ	0.24	NA	NA	NA	< 0.29	U	0.29
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.22	UJ	0.22	NA	NA	NA	NA	NA	NA
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	NA	NA	NA	< 0.26	UJ	0.26	NA	NA	NA	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.19	UJ	0.19	NA	NA	NA	0.46	J	0.23
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	NA	NA	NA	< 0.24	UJ	0.24	NA	NA	NA	< 0.29	U	0.29
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	NA	NA	NA	< 0.19	UJ	0.19	NA	NA	NA	1.2	J	0.23
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	NA	NA	NA	< 0.78	UJ	0.78	NA	NA	NA	< 0.94	U	0.94
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	NA	NA	NA	< 13	UJ	13	NA	NA	NA	< 16	U	16
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	NA	NA	NA	< 2.8	U	2.8	NA	NA	NA	< 3.4	U	3.4
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	NA	NA	NA	< 3.6	U	3.6	NA	NA	NA	< 4.3	U	4.3
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	NA	NA	NA	< 3.2	U	3.2	NA	NA	NA	< 3.9	U	3.9
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	NA	NA	NA	< 3	U	3	NA	NA	NA	< 3.7	U	3.7
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	NA	NA	NA	< 1.8	U	1.8	NA	NA	NA	< 2.1	U	2.1
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	NA	NA	NA	500		2.7	NA	NA	NA	34	J	3.2
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	NA	NA	NA	< 2.7	U	2.7	NA	NA	NA	< 3.2	U	3.2
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 220	U	220	< 84	U	84	< 43	U	43	< 0.59	U	0.59
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 190	U	190	< 72	U	72	< 37	U	37	< 0.87	U	0.87
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 230	U	230	< 87	U	87	< 45	U	45	< 1	U	1
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 170	U	170	< 64	U	64	< 33	U	33	< 0.7	U	0.7
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 190	U	190	< 73	U	73	< 38	U	38	< 1	U	1
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 280	U	280	< 110	U	110	< 55	U	55	< 1.1	U	1.1
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1400	U	1400	< 530	U	530	< 270	U	270	< 0.91	U	0.91
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 230	U	230	< 87	U	87	< 45	U	45	< 1	U	1
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 390	U	390	< 150	U	150	< 78	U	78	< 0.97	U	0.97
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 210	U	210	< 82	U	82	< 42	U	42	< 0.74	U	0.74
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 170	U	170	< 65	U	65	< 34	U	34	< 0.66	U	0.66
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 170	U	170	< 63	U	63	< 33	U	33	< 0.79	U	0.79
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 180	U	180	< 70	U	70	< 36	U	36	< 0.77	U	0.77
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1100	U	1100	< 430	U	430	< 220	U	220	< 1.1	U	1.1
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 550	U	550	< 210	U	210	< 110	U	110	< 0.84	U	0.84
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 250	U	250	< 97	U	97	< 50	U	50	< 0.79	U	0.79
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 2300	U	2300	< 870	U	870	< 450	U	450	< 6.1	U	6.1

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N49E1			SB-N49S1			SB-N49S1			SB-N5		
	Sample Date:		PADEP MSCs					05/28/2008			05/28/2008			05/28/2008			05/16/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 280	B	280	< 56	U	56	< 62	B	62	< 0.82	U	0.82
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 280	U	280	< 110	U	110	< 55	U	55	< 0.68	U	0.68
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 300	U	300	< 110	U	110	< 59	U	59	< 0.54	U	0.54
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	710	J	570	< 220	U	220	< 110	U	110	< 0.89	U	0.89
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 460	U	460	< 180	U	180	< 91	U	91	< 0.62	U	0.62
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 280	U	280	< 110	U	110	< 55	U	55	< 0.54	U	0.54
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 140	U	140	< 55	U	55	< 29	U	29	< 0.92	U	0.92
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1500	U	1500	< 570	U	570	< 300	U	300	< 1.9	U	1.9
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 280	U	280	< 110	U	110	< 55	U	55	< 0.71	U	0.71
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 120	U	120	< 46	U	46	< 24	U	24	< 1	U	1
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 320	U	320	< 120	U	120	< 64	U	64	< 0.85	U	0.85
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 130	U	130	< 48	U	48	< 25	U	25	< 0.82	U	0.82
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 180	U	180	< 68	U	68	< 35	U	35	< 0.45	U	0.45
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 160	U	160	< 61	U	61	< 32	U	32	< 0.86	U	0.86
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 120	U	120	< 48	U	48	< 25	U	25	< 0.81	U	0.81
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	5,900	J	160	31,000		60	10,000		31	< 0.78	U	0.78
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 230	U	230	< 88	U	88	< 46	U	46	< 1.3	U	1.3
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	17,000		120	1,200	J	45	400	J	23	< 0.82	U	0.82
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1200	U	1200	< 460	U	460	< 240	U	240	< 1.1	U	1.1
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 130	U	130	< 50	U	50	< 26	U	26	< 0.88	U	0.88
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 230	U	230	< 88	U	88	< 46	U	46	< 0.91	U	0.91
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 3200	B	3200	< 870	U	870	< 720	B	720	< 1.2	B	1.2
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 640	U	640	< 250	U	250	< 130	U	130	< 0.64	U	0.64
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 210	U	210	< 79	U	79	< 41	U	41	< 0.82	U	0.82
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	390	J	210	< 80	U	80	< 42	U	42	< 0.88	U	0.88
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 250	U	250	< 97	U	97	< 50	U	50	< 0.72	U	0.72
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 120	U	120	< 48	U	48	< 25	U	25	< 0.72	U	0.72
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 280	U	280	< 110	U	110	< 55	U	55	< 0.8	U	0.8
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 190	U	190	< 73	U	73	< 38	U	38	< 1.1	U	1.1
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 370	U	370	< 140	U	140	< 73	U	73	< 0.57	U	0.57
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	28,000		340	140,000		130	50,000		69	< 2.7	U	2.7
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 6.4	U	6.4	< 6.1	U	6.1	< 6.1	U	6.1	< 75	U	75
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 6.3	U	6.3	< 6	U	6	< 6	U	6	< 73	U	73
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 2.3	U	2.3	< 2.2	U	2.2	< 2.2	U	2.2	< 27	U	27
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 3.3	U	3.3	62	J	3.2	79		3.2	< 39	U	39
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 92	U	92	< 88	U	88	< 88	U	88	< 1100	U	1100
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 4	U	4	< 3.8	U	3.8	< 3.8	U	3.8	< 47	U	47
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 5	U	5	< 4.8	U	4.8	< 4.8	U	4.8	< 58	U	58
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 4.5	U	4.5	< 4.3	U	4.3	< 4.3	U	4.3	< 52	U	52

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N49E1			SB-N49S1			SB-N49S1			SB-N5		
	Sample Date:							05/28/2008			05/28/2008			05/28/2008			05/16/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 3.9	U	3.9	< 3.7	U	3.7	< 3.7	U	3.7	< 45	U	45
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	43		4.3	22		4.1	62		4.1	59	J	50
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 4.9	U	4.9	< 4.7	U	4.7	< 4.7	U	4.7	< 56	U	56
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 4.7	U	4.7	< 4.5	U	4.5	< 4.5	U	4.5	< 54	U	54
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 6.2	U	6.2	< 5.9	U	5.9	< 5.9	U	5.9	< 72	U	72
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 17	U	17	< 17	U	17	< 17	U	17	< 200	U	200
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 6.7	U	6.7	< 6.4	U	6.4	< 6.4	U	6.4	< 77	U	77
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 55	U	55	< 52	U	52	< 53	U	53	< 640	U	640
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.5	U	3.5	< 3.3	U	3.3	< 3.3	U	3.3	< 40	U	40
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 4.7	U	4.7	< 4.5	U	4.5	< 4.5	U	4.5	< 55	U	55
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 6.7	U	6.7	< 6.4	U	6.4	< 6.4	U	6.4	< 78	U	78
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.8	U	3.8	< 3.7	U	3.7	< 3.7	U	3.7	< 45	U	45
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 4.9	U	4.9	< 4.7	U	4.7	< 4.7	U	4.7	< 57	U	57
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 3.3	U	3.3	< 3.1	U	3.1	< 3.1	U	3.1	< 38	U	38
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 6	U	6	< 5.8	U	5.8	< 5.8	U	5.8	< 70	U	70
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	23		4	9.2	J	3.9	21		3.9	< 47	U	47
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	13	J	4.5	8.8	J	4.3	19		4.3	< 53	U	53
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 4.7	U	4.7	< 4.5	U	4.5	< 4.5	U	4.5	< 55	U	55
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	43		4.4	16		4.2	46		4.2	< 51	U	51
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 5.3	U	5.3	< 5.1	U	5.1	< 5.1	U	5.1	< 62	U	62
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 8.2	U	8.2	< 7.9	U	7.9	< 7.9	U	7.9	< 96	U	96
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	100		3.1	44		2.9	110		2.9	< 36	U	36
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	77		2.4	32		2.3	81		2.3	< 28	U	28
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	140		3	61		2.9	150		2.9	240		35
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	62		2.6	31		2.5	75		2.5	< 31	U	31
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 2.5	U	2.5	< 2.4	U	2.4	< 2.4	U	2.4	< 29	U	29
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 4.3	U	4.3	5.7	J	4.1	< 4.1	U	4.1	< 50	U	50
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 3.6	U	3.6	< 3.5	U	3.5	< 3.5	U	3.5	< 42	U	42
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 20	U	20
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 4.6	U	4.6	< 4.5	U	4.5	< 4.5	U	4.5	< 54	U	54
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	630		5.9	370		5.7	690		5.7	< 69	U	69
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 6.2	U	6.2	< 6	U	6	52	J	6	< 72	U	72
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 15	U	15	< 14	U	14	< 14	U	14	< 170	U	170
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 3.2	U	3.2	< 3	U	3	9.8	J	3.1	< 37	U	37
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	96		3.1	41		2.9	100		3	< 36	U	36
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	17		4.9	< 4.7	U	4.7	19		4.7	< 57	U	57
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	27	J	4.3	13	J	4.1	< 4.1	U	4.1	< 50	U	50
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 6.9	U	6.9	< 6.6	U	6.6	< 6.6	U	6.6	< 81	U	81
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.4	U	4.4	< 4.2	U	4.2	< 4.2	U	4.2	< 51	U	51
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	56	J	13	42	J	12	89		12	< 150	U	150

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N49E1			SB-N49S1			SB-N49S1			SB-NS		
	Sample Date:							05/28/2008			05/28/2008			05/28/2008			05/16/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			4			6			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			6			8			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 5.4	U	5.4	< 5.2	U	5.2	< 5.2	U	5.2	< 63	U	63
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	210		5	79		4.8	210		4.8	430		58
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	59		3.8	23		3.6	59		3.6	< 44	U	44
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 4.7	U	4.7	< 4.5	U	4.5	< 4.5	U	4.5	< 54	U	54
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 4.7	U	4.7	< 4.5	U	4.5	< 4.6	U	4.6	< 55	U	55
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 3.6	U	3.6	< 3.4	U	3.4	< 3.4	U	3.4	< 41	U	41
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 3.5	U	3.5	< 3.3	U	3.3	< 3.3	U	3.3	< 40	U	40
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	59		2.8	24		2.6	62		2.6	< 32	U	32
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 4.3	U	4.3	< 4.1	U	4.1	< 4.1	U	4.1	< 50	U	50
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	13	J	3.8	21		3.6	44		3.6	< 44	U	44
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 22	U	22
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1.9	U	1.9	< 1.8	U	1.8	< 1.8	U	1.8	< 22	U	22
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 4.2	U	4.2	< 4	U	4	< 4	U	4	< 49	U	49
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 5.8	U	5.8	< 5.5	U	5.5	< 5.5	U	5.5	< 67	U	67
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	210		3.7	89		3.6	220		3.6	140	J	43
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 4.7	U	4.7	< 4.5	U	4.5	< 4.5	U	4.5	< 54	U	54
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	180		4.7	63		4.5	180		4.6	< 55	U	55

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N50			SB-N51			SB-N52			SB-N53		
	Sample Date:		PADEP MSCs					05/14/2008			05/22/2008			05/22/2008			05/20/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			7			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			9			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	6,990		0.27	9,870		0.28	27,600		0.46	7,570		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.13	J	0.0037	< 0.08	B	0.08	0.46	L	0.0064	0.24	J	0.0041
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	21.9		0.019	7.5	J	0.02	7.3	J	0.032	2.6	K	0.021
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	46		0.0087	80.6		0.0093	196		0.015	27.7	K	0.0096
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.41		0.0042	0.45		0.0045	2.2		0.0072	0.43		0.0046
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.2		0.01	0.13		0.011	0.46		0.018	0.21		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,000		2	1,160		2.1	64,000		3.5	2,060	L	2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	13.7		0.0091	12.2		0.0097	20.7		0.016	14.7		0.01
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	8.9		0.0028	4.5		0.003	5.7		0.0049	8.4	K	0.0031
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	28.5		0.0097	6.6		0.01	25.1		0.017	17.3		0.011
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	26,400		0.33	14,200		0.35	25,500		0.56	17,600		0.36
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	23.2		0.0039	19.3		0.0041	85.9		0.0066	15.6		0.0042
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,090		0.43	1,340		0.46	5,120		0.74	2,790		0.47
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	317		0.016	231		0.017	1,060		0.028	110		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	19.6		0.0077	9.8		0.0082	16.9		0.013	18.9	J	0.0085
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,120		1.1	650		1.2	2,160		1.9	1,140		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.61		0.046	0.57	J	0.049	1.8		0.079	0.38	J	0.051
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.034	J	0.0027	0.061	J	0.0029	0.15	J	0.0047	0.031	J	0.003
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	82.2		0.82	203		0.87	589		1.4	78.1	L	0.9
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.11		0.0023	0.16		0.0024	0.36		0.0039	0.11	J	0.0025
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	16.4		0.0066	15.8		0.007	25.7		0.011	16	K	0.0072
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	73.3		0.013	37.3		0.014	131		0.023	56.7		0.015
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.026	J	0.0081	0.033	J	0.0086	0.13		0.014	0.012	J	0.0089
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.15	B	0.15	< 0.12	U	0.12	< 0.43	B	0.43	< 0.12	UJ	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.17	U	0.17	< 0.18	U	0.18	< 0.29	U	0.29	< 0.19	U	0.19
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.11	U	0.11	< 0.12	U	0.12	< 0.2	U	0.2	< 0.13	U	0.13
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.26	U	0.26	< 0.28	U	0.28	< 0.44	U	0.44	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.2	U	0.2	< 0.21	U	0.21	< 0.35	U	0.35	< 0.22	U	0.22
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.29	U	0.29	< 0.31	U	0.31	< 0.5	U	0.5	0.59	J	0.32
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.12	U	0.12	< 0.13	U	0.13	< 0.2	U	0.2	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.2	U	0.2	< 0.21	U	0.21	< 0.34	U	0.34	< 0.22	U	0.22
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.22	U	0.22	< 0.24	U	0.24	< 0.38	U	0.38	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	0.53	J	0.44	< 0.46	U	0.46	3.6		0.75	< 0.48	U	0.48
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.2	U	0.2	NA	NA	NA	0.78	J	0.34	< 0.22	U	0.22

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:				PADEP MSCs Non-Residential			SB-N50			SB-N51			SB-N52			SB-N53		
	Sample Date:							05/14/2008			05/22/2008			05/22/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			7			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			9			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.14	U	0.14	< 0.15	U	0.15	2.1	J	0.24	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.31	U	0.31	< 0.33	U	0.33	< 0.53	U	0.53	< 0.34	U	0.34
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.15	U	0.15	< 0.16	U	0.16	< 0.26	U	0.26	< 0.17	U	0.17
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.24	U	0.24	< 0.25	U	0.25	< 0.41	U	0.41	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.22	U	0.22	< 0.23	U	0.23	< 0.38	U	0.38	< 0.24	U	0.24
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.26	U	0.26	< 0.28	U	0.28	2.7	J	0.45	< 0.29	U	0.29
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.19	U	0.19	< 0.21	U	0.21	< 0.33	U	0.33	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.24	U	0.24	< 0.26	U	0.26	< 0.41	U	0.41	< 0.27	U	0.27
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.19	U	0.19	< 0.2	U	0.2	< 0.33	U	0.33	< 0.21	U	0.21
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.79	U	0.79	< 0.84	U	0.84	< 1.4	U	1.4	< 0.86	U	0.86
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 13	U	13	< 14	U	14	< 23	U	23	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.8	U	2.8	< 3	U	3	< 4.8	U	4.8	< 3.1	U	3.1
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.6	U	3.6	< 3.8	U	3.8	< 6.2	U	6.2	< 4	U	4
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.2	U	3.2	< 3.4	U	3.4	< 5.6	U	5.6	< 3.6	U	3.6
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.1	U	3.1	< 3.3	U	3.3	< 5.3	U	5.3	< 3.4	U	3.4
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.8	U	1.8	< 1.9	U	1.9	< 3.1	U	3.1	< 2	U	2
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.7	U	2.7	< 2.9	U	2.9	< 4.6	U	4.6	< 3	U	3
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.7	U	2.7	< 2.9	U	2.9	< 4.6	U	4.6	< 3	U	3
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.48	U	0.48	< 0.52	U	0.52	< 1.1	U	1.1	< 0.49	U	0.49
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.71	U	0.71	< 0.77	U	0.77	< 1.6	U	1.6	< 0.72	U	0.72
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.82	U	0.82	< 0.89	U	0.89	< 1.9	U	1.9	< 0.83	U	0.83
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.57	U	0.57	< 0.62	U	0.62	< 1.3	U	1.3	< 0.57	U	0.57
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.84	U	0.84	< 0.91	U	0.91	< 1.9	U	1.9	< 0.85	U	0.85
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.87	U	0.87	< 0.95	U	0.95	< 2	U	2	< 0.88	U	0.88
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.74	U	0.74	< 0.8	U	0.8	< 1.7	U	1.7	< 0.75	U	0.75
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.85	U	0.85	< 0.93	U	0.93	< 1.9	U	1.9	< 0.86	U	0.86
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.79	U	0.79	< 0.86	U	0.86	< 1.8	U	1.8	< 0.8	U	0.8
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.61	U	0.61	< 0.66	U	0.66	< 1.4	U	1.4	< 0.61	U	0.61
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.54	U	0.54	< 0.58	U	0.58	< 1.2	U	1.2	< 0.54	U	0.54
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.65	U	0.65	< 0.7	U	0.7	< 1.5	U	1.5	< 0.66	U	0.66
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.63	U	0.63	< 0.68	U	0.68	< 1.4	U	1.4	< 0.64	U	0.64
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.87	U	0.87	< 0.95	U	0.95	8.1	J	2	< 0.88	U	0.88
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.68	U	0.68	< 0.74	U	0.74	< 1.5	U	1.5	< 0.69	U	0.69
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.65	U	0.65	< 0.7	U	0.7	< 1.5	U	1.5	< 0.65	U	0.65
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 4.9	U	4.9	< 5.4	U	5.4	30	J	11	< 5	U	5

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				SB-N50			SB-N51			SB-N52			SB-N53		
	Sample Date:							05/14/2008			05/22/2008			05/22/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			7			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			9			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.67	U	0.67	< 0.72	U	0.72	< 1.5	U	1.5	< 0.67	U	0.67
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.55	U	0.55	< 0.6	U	0.6	< 1.3	U	1.3	< 0.56	U	0.56
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.44	U	0.44	< 0.47	U	0.47	< 0.99	U	0.99	< 0.44	U	0.44
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.73	U	0.73	< 0.79	U	0.79	< 1.7	U	1.7	< 0.74	U	0.74
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.51	U	0.51	< 0.55	U	0.55	< 1.1	U	1.1	< 0.51	U	0.51
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.44	U	0.44	< 0.48	U	0.48	< 1	U	1	< 0.45	U	0.45
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.75	U	0.75	< 0.81	U	0.81	< 1.7	U	1.7	< 0.76	U	0.76
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.5	U	1.5	< 1.7	U	1.7	< 3.5	U	3.5	< 1.5	U	1.5
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.58	U	0.58	< 0.63	U	0.63	< 1.3	U	1.3	< 0.58	U	0.58
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.84	U	0.84	< 0.91	U	0.91	< 1.9	U	1.9	< 0.85	U	0.85
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.7	U	0.7	< 0.76	U	0.76	< 1.6	U	1.6	< 0.7	U	0.7
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.67	U	0.67	< 0.73	U	0.73	< 1.5	U	1.5	< 0.68	U	0.68
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.37	U	0.37	< 0.4	U	0.4	< 0.83	U	0.83	< 0.37	U	0.37
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.7	U	0.7	< 0.76	U	0.76	< 1.6	U	1.6	< 0.71	U	0.71
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.66	U	0.66	< 0.71	U	0.71	< 1.5	U	1.5	< 0.66	U	0.66
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.64	U	0.64	< 0.69	U	0.69	< 1.4	U	1.4	< 0.64	U	0.64
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.1	U	1.1	< 1.1	U	1.1	< 2.4	U	2.4	< 1.1	U	1.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.67	U	0.67	< 0.73	U	0.73	< 1.5	U	1.5	< 0.68	U	0.68
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.89	U	0.89	< 0.97	U	0.97	< 2	U	2	< 0.9	U	0.9
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.72	U	0.72	< 0.78	U	0.78	< 1.6	U	1.6	< 0.72	U	0.72
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.74	U	0.74	< 0.8	U	0.8	< 1.7	U	1.7	< 0.75	U	0.75
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	0.87	J	0.66	< 0.72	U	0.72	1.6	J	1.5	< 1.4	B	1.4
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.53	U	0.53	< 0.57	U	0.57	< 1.2	U	1.2	< 0.53	U	0.53
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.67	U	0.67	< 0.73	U	0.73	< 1.5	U	1.5	< 0.68	U	0.68
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.72	U	0.72	< 0.78	U	0.78	< 1.6	U	1.6	< 0.73	U	0.73
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.59	U	0.59	< 0.64	U	0.64	< 1.3	U	1.3	< 0.59	U	0.59
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.59	U	0.59	< 0.64	U	0.64	< 1.3	U	1.3	< 0.6	U	0.6
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.65	U	0.65	< 0.71	U	0.71	< 1.5	U	1.5	< 0.66	U	0.66
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.91	U	0.91	< 0.99	U	0.99	< 2.1	U	2.1	< 0.92	U	0.92
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.46	U	0.46	< 0.5	U	0.5	< 1.1	U	1.1	< 0.47	U	0.47
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.2	U	2.2	< 2.4	U	2.4	< 5	U	5	< 2.2	U	2.2
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.1	U	3.1	< 3.3	U	3.3	< 27	U	27	< 3.4	U	3.4
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3	U	3	< 3.2	U	3.2	< 26	U	26	< 3.3	U	3.3
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.1	U	1.1	< 1.2	U	1.2	< 9.6	U	9.6	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.6	U	1.6	< 1.7	U	1.7	< 14	U	14	< 1.8	U	1.8
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 44	U	44	< 47	U	47	< 380	U	380	< 49	U	49
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 1.9	U	1.9	< 2.1	U	2.1	< 17	U	17	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.4	U	2.4	< 2.6	U	2.6	< 21	U	21	< 2.7	U	2.7
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.2	U	2.2	< 2.3	U	2.3	< 19	U	19	< 2.4	U	2.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:				SB-N50				SB-NS1				SB-NS2				SB-NS3			
	Sample Date:		PADEP MSCs		05/14/2008				05/22/2008				05/22/2008				05/20/2008			
	Matrix Code:		Non-Residential		SO				SO				SO				SO			
	Sample Type Code:				N				N				N				N			
	Start Depth:		Direct Contact	Soil to Groundwater	6				6				7				8			
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l	8				8				9				10			
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 1.9	U	1.9	< 2	U	2	< 16	U	16	< 2.1	U	2.1
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.1	U	2.1	3.4	J	2.2	47	J	18	< 2.3	U	2.3
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.3	U	2.3	< 2.5	U	2.5	< 20	U	20	< 2.6	U	2.6
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.2	U	2.2	< 2.4	U	2.4	< 19	U	19	< 2.5	U	2.5
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3	U	3	< 3.2	U	3.2	< 26	U	26	< 3.3	U	3.3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.4	U	8.4	< 9	U	9	< 73	U	73	< 9.3	U	9.3
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.2	U	3.2	< 3.4	U	3.4	< 28	U	28	< 3.6	U	3.6
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 26	U	26	< 28	U	28	< 230	U	230	< 29	U	29
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.8	U	1.8	< 14	U	14	< 1.9	U	1.9
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.3	U	2.3	< 2.4	U	2.4	< 20	U	20	< 2.5	U	2.5
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.2	U	3.2	< 3.4	U	3.4	< 28	U	28	< 3.6	U	3.6
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 2	U	2	< 16	U	16	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	4	J	2.3	< 2.5	U	2.5	< 20	U	20	7.3	J	2.6
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.6	U	1.6	< 1.7	U	1.7	< 14	U	14	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 2.9	U	2.9	< 3.1	U	3.1	< 25	U	25	< 3.2	U	3.2
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 1.9	U	1.9	3.8	J	2.1	< 17	U	17	3.5	J	2.2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.2	U	2.2	< 2.3	U	2.3	26	J	19	6.8	J	2.4
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.3	U	2.3	3.7	J	2.4	< 20	U	20	< 2.5	U	2.5
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.1	U	2.1	3.5	J	2.3	33	J	18	3.3	J	2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.6	U	2.6	< 2.8	U	2.8	< 22	U	22	< 2.9	U	2.9
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	6.4	J	4	18	J	4.2	49	J	34	7.2	J	4.4
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.5	U	1.5	3.9	J	1.6	86		13	3.8	J	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.1	U	1.1	1,100		1.2	460		10	12		1.3
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.4	U	1.4	9.2		1.5	120		12	4.9	JN	1.6
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.3	U	1.3	9.7		1.4	59	J	11	4	J	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.2	U	1.2	< 1.3	U	1.3	< 10	U	10	< 1.3	UJ	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.1	U	2.1	< 2.2	U	2.2	< 18	U	18	< 2.3	U	2.3
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.9	U	1.9	< 15	U	15	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.84	U	0.84	< 0.9	U	0.9	< 7.3	U	7.3	< 0.93	U	0.93
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.2	U	2.2	< 2.4	U	2.4	< 19	U	19	< 2.5	U	2.5
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	14	J	2.9	12	J	3.1	600		25	46		3.2
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	9.1	J	3	8.9	J	3.2	< 26	U	26	11	J	3.3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	28	J	7.1	< 7.6	U	7.6	< 61	U	61	42		7.8
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.5	U	1.5	3.4	J	1.6	22	J	13	2.5	J	1.7
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.5	U	1.5	5.8	J	1.6	90		13	5.1	J	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.4	U	2.4	< 2.5	U	2.5	< 21	U	21	< 2.6	U	2.6
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	4.5	J	2.2	23	J	18	3.2	J	2.3
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	3.6	J	3.3	< 3.6	U	3.6	< 29	U	29	5.4	J	3.7
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.1	U	2.1	< 2.3	U	2.3	< 18	U	18	< 2.3	U	2.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	6.8	J	6.2	< 6.6	U	6.6	75	J	54	7.1	J	6.9

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-NS0			SB-N51			SB-N52			SB-N53		
	Sample Date:							05/14/2008			05/22/2008			05/22/2008			05/20/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			7			8		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			9			10		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.6	U	2.6	< 2.8	U	2.8	< 23	U	23	< 2.9	U	2.9
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.4	U	2.4	13		2.6	180		21	9		2.7
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.8	U	1.8	4.9	J	1.9	21	J	16	3.2	J	2
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.2	U	2.2	< 2.4	U	2.4	< 19	U	19	< 2.5	U	2.5
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.3	U	2.3	< 2.4	U	2.4	< 20	U	20	< 2.5	U	2.5
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.7	U	1.7	< 1.8	U	1.8	< 15	U	15	< 1.9	U	1.9
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.7	U	1.7	< 1.8	U	1.8	< 14	U	14	< 1.9	U	1.9
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.3	U	1.3	5.2	J	1.4	61	J	11	< 1.5	U	1.5
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.1	U	2.1	< 2.2	U	2.2	< 18	U	18	< 2.3	U	2.3
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	2.9	J	1.8	3.9	J	1.9	38	J	16	2.4	J	2
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.93	U	0.93	< 1	U	1	< 8	U	8	< 1	U	1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.91	U	0.91	< 0.98	U	0.98	< 7.9	U	7.9	< 1	U	1
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2	U	2	< 2.2	U	2.2	< 18	U	18	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.8	U	2.8	< 3	U	3	< 24	U	24	< 3.1	U	3.1
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	3.9	J	1.8	13		1.9	120		15	8.8		2
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.3	U	2.3	< 2.4	U	2.4	< 20	U	20	< 2.5	U	2.5
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.3	U	2.3	6.5	J	2.4	98		20	5.1	J	2.5

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N54			SB-N55			SB-N56			SB-N57		
	Sample Date:		PADEP MSCs					05/14/2008			05/22/2008			05/13/2008			05/13/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	5,550		0.28	12,600		0.29	10,900		0.29	11,400		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	< 0.056	B	0.056	0.19	L	0.004	0.12	L	0.004	0.061	L	0.0041
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	7.3		0.02	4.8	J	0.02	16.7	J	0.02	7.2	J	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	22.2		0.0092	53.5		0.0093	55.9	L	0.0094	39.3	L	0.0095
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.25		0.0044	0.66		0.0045	0.68		0.0045	0.66		0.0046
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	< 0.11	B	0.11	0.14		0.011	0.22		0.011	0.2		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	690		2.1	15,600		2.2	14,100	L	2.2	12,200	L	2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	9		0.0096	18.8		0.0097	18.1	L	0.0098	18	L	0.0099
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	4.7		0.003	12.9		0.003	13.2		0.0031	14.1		0.0031
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	12		0.01	19.5		0.01	20.8	L	0.01	19.5	L	0.011
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	13,900		0.35	34,500		0.35	31,800		0.35	29,700		0.36
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	9.2		0.0041	16.1		0.0041	16.9		0.0042	13.2		0.0042
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,560		0.46	9,100		0.46	8,560		0.46	7,820		0.47
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	299		0.017	588		0.018	409		0.018	322		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	11.2		0.0082	28.7		0.0082	28.8	L	0.0083	29.7	L	0.0084
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	735		1.2	2,200		1.2	1,880		1.2	2,090		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.5	J	0.049	0.3	J	0.049	0.29	L	0.05	0.19	L	0.05
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	< 0.015	B	0.015	0.045	J	0.0029	0.038	J	0.0029	0.031	J	0.003
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	61.6		0.87	136		0.88	86.5	J	0.88	88.1	J	0.89
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.066	J	0.0024	0.19		0.0024	0.16		0.0024	0.21		0.0025
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	10.3		0.007	21.2		0.007	20.6		0.0071	19.6		0.0072
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	32.6		0.014	73		0.014	69.5	L	0.014	65.3	L	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.017	J	0.0085	0.019	J	0.0086	0.014	J	0.0087	0.013	J	0.0088
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.14	B	0.14	0.12	J	0.12	< 0.12	U	0.12	< 0.12	U	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.18	U	0.18	< 0.18	U	0.18	< 0.18	U	0.18	< 0.18	U	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.27	U	0.27	< 0.28	U	0.28	< 0.28	U	0.28	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.31	U	0.31	< 0.31	U	0.31	< 0.31	U	0.31	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.13	U	0.13	< 0.13	U	0.13	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.46	U	0.46	< 0.47	U	0.47	< 0.46	U	0.46	< 0.47	U	0.47
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22

TABLE 8-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N54			SB-N55			SB-N56			SB-N57		
	Sample Date:							05/14/2008			05/22/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	7.5		0.15	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.32	U	0.32	< 0.33	U	0.33	< 0.33	U	0.33	< 0.33	U	0.33
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	U	0.25	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	< 0.23	U	0.23	< 0.23	U	0.23	< 0.24	U	0.24
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.28	U	0.28	< 0.28	U	0.28	0.3	J	0.28	0.36	J	0.29
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	U	0.2	< 0.2	U	0.2	< 0.2	U	0.2	< 0.21	U	0.21
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.83	U	0.83	< 0.84	U	0.84	< 0.84	U	0.84	< 0.86	U	0.86
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3	U	3	< 3	U	3	< 3	U	3	< 3.1	U	3.1
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.8	U	3.8	< 3.9	U	3.9	< 3.8	U	3.8	< 3.9	U	3.9
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.4	U	3.4	< 3.5	U	3.5	< 3.5	U	3.5	< 3.5	U	3.5
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.3	U	3.3	< 3.3	U	3.3	< 3.3	U	3.3	< 3.4	U	3.4
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.8	U	2.8	< 2.9	U	2.9	7.4	J	2.9	< 2.9	U	2.9
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.8	U	2.8	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.46	U	0.46	< 0.45	U	0.45	< 0.97	U	0.97	< 1.1	U	1.1
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.68	U	0.68	< 0.67	U	0.67	< 1.1	U	1.1	< 1.2	U	1.2
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.79	U	0.79	< 0.77	U	0.77	< 1	U	1	< 1.1	U	1.1
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.55	U	0.55	< 0.54	U	0.54	< 0.93	U	0.93	< 1	U	1
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.8	U	0.8	< 0.79	U	0.79	< 1.1	U	1.1	< 1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.84	U	0.84	< 0.82	U	0.82	< 0.98	U	0.98	< 1.1	U	1.1
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.71	U	0.71	< 0.7	U	0.7	< 0.8	U	0.8	< 0.87	U	0.87
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.82	U	0.82	< 0.8	U	0.8	< 0.99	U	0.99	< 1.1	U	1.1
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.76	U	0.76	< 0.74	U	0.74	< 1	U	1	< 1.1	U	1.1
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.58	U	0.58	< 0.57	U	0.57	< 1	U	1	< 1.1	U	1.1
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.52	U	0.52	< 0.51	U	0.51	< 1.1	U	1.1	< 1.2	U	1.2
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.62	U	0.62	< 0.61	U	0.61	< 1	U	1	< 1.1	U	1.1
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.6	U	0.6	< 0.59	U	0.59	< 1.1	U	1.1	< 1.2	U	1.2
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.84	U	0.84	< 0.82	U	0.82	< 0.92	U	0.92	< 1	U	1
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.65	U	0.65	< 0.64	U	0.64	< 0.75	U	0.75	< 0.82	U	0.82
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.62	U	0.62	< 0.61	U	0.61	< 0.83	U	0.83	< 0.9	U	0.9
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 4.7	U	4.7	< 4.7	U	4.7	6.8	J	4.8	< 5.2	U	5.2

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N54			SB-N55			SB-N56			SB-N57		
	Sample Date:		PADEP MSCs					05/14/2008			05/22/2008			05/13/2008			05/13/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.64	U	0.64	< 0.63	U	0.63	< 0.99	U	0.99	< 1.1	U	1.1
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.53	U	0.53	< 0.52	U	0.52	< 0.93	U	0.93	< 1	U	1
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.42	U	0.42	< 0.41	U	0.41	< 0.97	U	0.97	< 1.1	U	1.1
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.7	U	0.7	< 0.69	U	0.69	< 1.2	U	1.2	< 1.3	U	1.3
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.49	U	0.49	< 0.48	U	0.48	< 1.2	U	1.2	< 1.3	U	1.3
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.42	U	0.42	< 0.42	U	0.42	< 0.85	U	0.85	< 0.93	U	0.93
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.72	U	0.72	< 0.71	U	0.71	< 1.1	U	1.1	< 1.2	U	1.2
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.5	U	1.5	< 1.4	U	1.4	< 1.4	U	1.4	< 1.5	U	1.5
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.55	U	0.55	< 0.55	U	0.55	< 1	U	1	< 1.1	U	1.1
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.81	U	0.81	< 0.79	U	0.79	< 1.1	U	1.1	< 1.1	U	1.1
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.67	U	0.67	< 0.66	U	0.66	< 1	U	1	< 1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.64	U	0.64	< 0.63	U	0.63	< 0.85	U	0.85	< 0.93	U	0.93
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.35	U	0.35	< 0.35	U	0.35	< 0.95	U	0.95	< 1	U	1
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.67	U	0.67	< 0.66	U	0.66	< 0.88	U	0.88	< 0.96	U	0.96
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.63	U	0.63	< 0.62	U	0.62	< 1.2	U	1.2	< 1.3	U	1.3
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.61	U	0.61	< 0.6	U	0.6	< 1.1	U	1.1	< 1.2	U	1.2
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1	U	1	< 1	U	1	< 1.2	U	1.2	< 1.3	U	1.3
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.64	U	0.64	< 0.63	U	0.63	< 1	U	1	< 1.1	U	1.1
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.85	U	0.85	< 0.84	U	0.84	< 1	U	1	< 1.1	U	1.1
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.69	U	0.69	< 0.68	U	0.68	< 1.1	U	1.1	< 1.2	U	1.2
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.71	U	0.71	< 0.7	U	0.7	< 0.88	U	0.88	< 0.96	U	0.96
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	0.82	J	0.64	1.6	J	0.63	< 0.97	B	0.97	< 0.8	U	0.8
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.5	U	0.5	< 0.5	U	0.5	< 1.1	U	1.1	< 1.2	U	1.2
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.65	U	0.65	< 0.63	U	0.63	< 1.2	U	1.2	< 1.3	U	1.3
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.69	U	0.69	< 0.68	U	0.68	< 0.75	U	0.75	< 0.82	U	0.82
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.57	U	0.57	< 0.56	U	0.56	< 1.1	U	1.1	< 1.2	U	1.2
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.57	U	0.57	< 0.56	U	0.56	< 0.83	U	0.83	< 0.9	U	0.9
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.62	U	0.62	< 0.61	U	0.61	< 1.1	U	1.1	< 1.2	U	1.2
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.87	U	0.87	< 0.86	U	0.86	< 1.5	U	1.5	< 1.7	U	1.7
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.45	U	0.45	< 0.44	U	0.44	< 1.1	U	1.1	< 1.2	U	1.2
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.1	U	2.1	< 2.1	U	2.1	< 3.4	U	3.4	< 3.7	U	3.7
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.3	U	3.3	< 3.3	U	3.3	< 3.3	U	3.3	< 3.4	U	3.4
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.2	U	3.2	< 3.2	U	3.2	< 3.3	U	3.3	< 3.3	U	3.3
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.8	U	1.8
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 47	U	47	< 47	U	47	< 48	U	48	< 48	U	48
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N54			SB-N55			SB-N56			SB-N57		
	Sample Date:							05/14/2008			05/22/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 2	U	2	< 2	U	2	< 2.1	U	2.1
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.2	U	2.2	3.8	J	2.2	< 2.2	U	2.2	3	J	2.3
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5	< 2.6	U	2.6
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.2	U	3.2	< 3.2	U	3.2	< 3.2	U	3.2	< 3.3	U	3.3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9	U	9	< 9	U	9	< 9.1	U	9.1	< 9.2	U	9.2
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.4	U	3.4	< 3.4	U	3.4	< 3.5	U	3.5	< 3.5	U	3.5
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 28	U	28	< 28	U	28	< 29	U	29	< 29	U	29
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5	< 2.5	U	2.5
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.4	U	3.4	< 3.5	U	3.5	< 3.5	U	3.5	< 3.5	U	3.5
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 2	U	2	< 2	U	2	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	3.5	J	2.5	< 2.5	U	2.5	< 2.5	U	2.5	< 2.6	U	2.6
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.1	U	3.1	< 3.1	U	3.1	< 3.2	U	3.2	< 3.2	U	3.2
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.1	U	2.1	2.3	J	2.1	< 2.1	U	2.1	< 2.1	U	2.1
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4	< 2.4	U	2.4
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.4	U	2.4	3.2	J	2.4	2.8	J	2.5	2.9	J	2.5
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.7	U	2.7	< 2.8	U	2.8	< 2.8	U	2.8	< 2.8	U	2.8
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	7.5	J	4.2	9	J	4.3	< 4.3	U	4.3	39	J	4.3
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.2	U	1.2	3.9	J	1.2	< 1.2	U	1.2	< 1.3	U	1.3
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	< 1.5	U	1.5	3.7	J	1.5	3.1	J	1.6	2.7	J	1.6
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.4	U	1.4	6.7	J	1.4	3.5	J	1.4	5.1	J	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	2.2	J	2.2	< 2.2	U	2.2	< 2.3	U	2.3
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.9	U	0.9	< 0.9	U	0.9	< 0.91	U	0.91	< 0.92	U	0.92
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	9.9	J	3	85		3.1	25	J	3.1	< 3.1	U	3.1
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	8	J	3.2	8.9	J	3.2	9	J	3.2	< 3.3	U	3.3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	31	J	7.5	22	J	7.6	47		7.7	51		7.8
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.6	U	1.6	< 1.6	U	1.6	< 1.7	U	1.7	< 1.7	U	1.7
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	6.4	J	1.6	< 1.6	U	1.6	< 1.6	U	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.5	U	2.5	< 2.5	U	2.5	< 2.6	U	2.6	< 2.6	U	2.6
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	4.2	J	2.2	2.2	J	2.2	3.1	J	2.3
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.6	U	3.6	< 3.6	U	3.6	< 3.6	U	3.6	3.9	J	3.7
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3	< 2.3	U	2.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6.6	U	6.6	< 6.7	U	6.7	7.7	J	6.7	9	J	6.8

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N54			SB-N55			SB-N56			SB-N57		
	Sample Date:							05/14/2008			05/22/2008			05/13/2008			05/13/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			10			14		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			12			16		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.8	U	2.8	< 2.8	U	2.8	< 2.8	U	2.8	< 2.9	U	2.9
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.6	U	2.6	< 2.6	U	2.6	3	J	2.6	< 2.6	U	2.6
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.9	U	1.9	2.9	J	1.9	< 2	U	2	< 2	U	2
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.4	U	2.4	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9	< 1.9	U	1.9
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.4	U	1.4	< 1.4	U	1.4	< 1.4	U	1.4	< 1.5	U	1.5
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3	< 2.3	U	2.3
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	< 1.9	U	1.9	3.7	J	1.9	< 2	U	2	< 2	U	2
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.99	U	0.99	< 1	U	1	< 1	U	1	< 1	U	1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.97	U	0.97	< 0.98	U	0.98	< 0.99	U	0.99	< 1	U	1
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3	U	3	< 3	U	3	< 3	U	3	< 3.1	U	3.1
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	3.3	J	1.9	8.7		1.9	6.5	J	1.9	8.4		2
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.4	U	2.4	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.4	U	2.4	6	J	2.5	3.6	J	2.5	3.9	J	2.5

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N58			SB-N59			5B-N6			SB-N60		
	Sample Date:							05/23/2008			05/15/2008			05/19/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	14,500		0.29	10,400		0.29	21,500		0.33	7,980		0.29
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.13	L	0.004	0.077	L	0.0041	0.056	J	0.0047	0.12	L	0.0041
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	15.5	J	0.02	6.6		0.021	5.1	K	0.023	1.2		0.021
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	79.2	K	0.0094	67.9		0.0096	229		0.011	50		0.0096
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.73	L	0.0045	0.52		0.0046	1.4		0.0052	0.4		0.0046
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.46		0.011	0.21		0.011	0.66		0.013	0.32		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,130		2.2	968		2.2	4,780		2.5	3,210		2.2
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	20.5	K	0.0098	15.1		0.01	26.3		0.011	14.5		0.01
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	10.8		0.0031	7.4		0.0031	6.5		0.0035	6.8		0.0031
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	16.2	J	0.01	9.6	K	0.011	19.3	K	0.012	11.9	K	0.011
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	31,000		0.35	25,900		0.36	14,200		0.41	14,500		0.36
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	16.3		0.0042	11.8		0.0042	18		0.0048	10.9		0.0042
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	3,890		0.46	2,190		0.47	2,710		0.54	2,710		0.47
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	380		0.018	207		0.018	157	K	0.021	128		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	27.5		0.0083	18.2		0.0085	16.3		0.0096	14.9		0.0085
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,550		1.2	562		1.2	1,090		1.4	704		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.47	J	0.05	0.78	L	0.051	2.7		0.057	0.84	L	0.051
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.048	J	0.0029	0.054	J	0.003	0.17		0.0034	0.062	J	0.003
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	87.7	L	0.89	44.4		0.9	72		1	59.4		0.9
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.2		0.0024	0.12		0.0025	0.31		0.0028	0.13		0.0025
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	25.1		0.0071	16.6		0.0072	26.9		0.0082	13.9		0.0072
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	68	J	0.014	56.5	J	0.015	73.6		0.017	51.1	J	0.015
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.045		0.0087	0.016	J	0.0088	0.14		0.01	0.025	J	0.0089
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.17	B	0.17	< 0.23	B	0.23	< 0.14	U	0.14	< 0.21	B	0.21
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.18	U	0.18	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12	NA	NA	NA	< 0.13	U	0.13
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.28	U	0.28	< 0.28	U	0.28	NA	NA	NA	< 0.28	U	0.28
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.22	U	0.22	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.31	U	0.31	< 0.32	U	0.32	NA	NA	NA	< 0.32	U	0.32
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.13	U	0.13	< 0.13	U	0.13	NA	NA	NA	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	U	0.21	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	1.5	J	0.24	< 0.24	U	0.24	NA	NA	NA	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.47	U	0.47	< 0.48	U	0.48	NA	NA	NA	< 0.48	U	0.48
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.22	U	0.22	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N58			SB-N59			SB-N6			SB-N60		
	Sample Date:			Non-Residential				05/23/2008			05/15/2008			05/19/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.15	U	0.15	NA	NA	NA	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.33	U	0.33	< 0.34	U	0.34	NA	NA	NA	< 0.34	U	0.34
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.26	U	0.26	< 0.26	U	0.26	NA	NA	NA	< 0.26	U	0.26
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.24	U	0.24	< 0.24	U	0.24	NA	NA	NA	< 0.24	U	0.24
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.28	U	0.28	< 0.29	U	0.29	NA	NA	NA	< 0.29	U	0.29
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.21	U	0.21	< 0.21	U	0.21	NA	NA	NA	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.26	U	0.26	< 0.26	U	0.26	NA	NA	NA	< 0.27	U	0.27
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	U	0.2	< 0.21	U	0.21	NA	NA	NA	< 0.21	U	0.21
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.85	U	0.85	< 0.86	U	0.86	NA	NA	NA	< 0.86	U	0.86
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14	NA	NA	NA	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3	U	3	< 3.1	U	3.1	NA	NA	NA	< 3.1	U	3.1
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.9	U	3.9	< 4	U	4	NA	NA	NA	< 4	U	4
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.5	U	3.5	< 3.5	U	3.5	NA	NA	NA	< 3.6	U	3.6
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.3	U	3.3	< 3.4	U	3.4	NA	NA	NA	< 3.4	U	3.4
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	U	1.9	< 2	U	2	NA	NA	NA	< 2	U	2
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	6.6	J	2.9	< 2.9	U	2.9	NA	NA	NA	< 3	U	3
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	5.3	J	2.9	< 2.9	U	2.9	NA	NA	NA	< 3	U	3
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.57	U	0.57	< 0.5	U	0.5	< 0.81	U	0.81	< 0.49	U	0.49
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.84	U	0.84	< 0.74	U	0.74	< 1.2	U	1.2	< 0.72	U	0.72
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.98	U	0.98	< 0.86	U	0.86	< 1.4	U	1.4	< 0.83	U	0.83
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.68	U	0.68	< 0.59	U	0.59	< 0.96	U	0.96	< 0.57	U	0.57
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1	U	1	< 0.88	U	0.88	< 1.4	U	1.4	< 0.85	U	0.85
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1	U	1	< 0.91	U	0.91	< 1.5	U	1.5	< 0.88	U	0.88
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.88	U	0.88	< 0.77	U	0.77	< 1.3	U	1.3	< 0.75	U	0.75
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1	U	1	< 0.89	U	0.89	< 1.4	U	1.4	< 0.86	U	0.86
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.94	U	0.94	< 0.82	U	0.82	< 1.3	U	1.3	< 0.8	U	0.8
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.72	U	0.72	< 0.63	U	0.63	< 1	U	1	< 0.61	U	0.61
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.64	U	0.64	< 0.56	U	0.56	< 0.91	U	0.91	< 0.54	U	0.54
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.77	U	0.77	< 0.68	U	0.68	< 1.1	U	1.1	< 0.65	U	0.65
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.75	U	0.75	< 0.66	U	0.66	< 1.1	U	1.1	< 0.64	U	0.64
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1	U	1	< 0.91	U	0.91	6.9	J	1.5	< 0.88	U	0.88
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.81	U	0.81	< 0.71	U	0.71	< 1.2	U	1.2	< 0.69	U	0.69
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.77	U	0.77	< 0.67	U	0.67	< 1.1	U	1.1	< 0.65	U	0.65
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	9.4	J	5.9	< 5.2	U	5.2	25	J	8.4	< 5	U	5

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				SB-N58			SB-N59			SB-N6			SB-N60		
	Sample Date:							05/23/2008			05/15/2008			05/19/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.79	U	0.79	< 0.7	U	0.7	< 1.1	U	1.1	< 0.67	U	0.67
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.66	U	0.66	< 0.58	U	0.58	< 0.94	U	0.94	< 0.56	U	0.56
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.52	U	0.52	< 0.46	U	0.46	< 0.74	U	0.74	< 0.44	U	0.44
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.87	U	0.87	< 0.76	U	0.76	< 1.2	U	1.2	< 0.74	U	0.74
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.6	U	0.6	< 0.53	U	0.53	< 0.86	U	0.86	< 0.51	U	0.51
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.52	U	0.52	< 0.46	U	0.46	< 0.75	U	0.75	< 0.45	U	0.45
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.89	U	0.89	< 0.78	U	0.78	< 1.3	U	1.3	< 0.76	U	0.76
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.8	U	1.8	< 1.6	U	1.6	< 2.6	U	2.6	< 1.5	U	1.5
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.69	U	0.69	< 0.6	U	0.6	< 0.98	U	0.98	< 0.58	U	0.58
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1	U	1	< 0.88	U	0.88	< 1.4	U	1.4	< 0.85	U	0.85
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.83	U	0.83	< 0.73	U	0.73	< 1.2	U	1.2	< 0.7	U	0.7
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.8	U	0.8	< 0.7	U	0.7	< 1.1	U	1.1	< 0.68	U	0.68
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.44	U	0.44	< 0.38	U	0.38	< 0.62	U	0.62	< 0.37	U	0.37
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.83	U	0.83	< 0.73	U	0.73	< 1.2	U	1.2	< 0.71	U	0.71
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.78	U	0.78	< 0.69	U	0.69	< 1.1	U	1.1	< 0.66	U	0.66
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.75	U	0.75	< 0.66	U	0.66	< 1.1	U	1.1	< 0.64	U	0.64
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.3	U	1.3	< 1.1	U	1.1	< 1.8	U	1.8	< 1.1	U	1.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.8	U	0.8	< 0.7	U	0.7	< 1.1	U	1.1	< 0.68	U	0.68
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.1	U	1.1	< 0.93	U	0.93	< 1.5	U	1.5	< 0.9	U	0.9
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.85	U	0.85	< 0.75	U	0.75	< 1.2	U	1.2	< 0.72	U	0.72
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.88	U	0.88	< 0.77	U	0.77	< 1.2	U	1.2	< 0.75	U	0.75
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 2.6	B	2.6	< 0.78	B	0.78	< 1.2	B	1.2	< 1	B	1
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.62	U	0.62	< 0.55	U	0.55	< 0.89	U	0.89	< 0.53	U	0.53
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.8	U	0.8	< 0.7	U	0.7	< 1.1	U	1.1	< 0.68	U	0.68
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.86	U	0.86	< 0.75	U	0.75	< 1.2	U	1.2	< 0.73	U	0.73
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.7	U	0.7	< 0.62	U	0.62	< 1	U	1	< 0.59	U	0.59
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.7	U	0.7	< 0.62	U	0.62	< 1	U	1	< 0.6	U	0.6
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.77	U	0.77	< 0.68	U	0.68	< 1.1	U	1.1	< 0.66	U	0.66
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.1	U	1.1	< 0.95	U	0.95	< 1.5	U	1.5	< 0.92	U	0.92
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.55	U	0.55	< 0.48	U	0.48	< 0.78	U	0.78	< 0.47	U	0.47
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.6	U	2.6	< 2.3	U	2.3	< 3.7	U	3.7	< 2.2	U	2.2
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.3	U	3.3	< 3.4	U	3.4	< 3.9	U	3.9	< 34	U	34
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.3	U	3.3	< 3.3	U	3.3	< 3.8	U	3.8	< 33	U	33
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 1.2	U	1.2	< 1.4	U	1.4	< 12	U	12
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.7	U	1.7	< 1.8	U	1.8	< 2	U	2	< 18	U	18
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 48	U	48	< 49	U	49	< 55	U	55	< 480	U	480
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.1	U	2.1	< 2.1	U	2.1	< 2.4	U	2.4	< 21	U	21
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.6	U	2.6	< 2.7	U	2.7	< 3	U	3	< 26	U	26
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.3	U	2.3	< 2.4	U	2.4	< 2.7	U	2.7	< 24	U	24

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N58			SB-N59			SB-N6			SB-N60		
	Sample Date:		PADEP MSCs					05/23/2008			05/15/2008			05/19/2008			05/15/2008		
	Matrix Code:		Non-Residential					SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 2.1	U	2.1	< 2.4	U	2.4	< 21	U	21
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.2	U	2.2	< 2.3	U	2.3	< 2.6	U	2.6	< 23	U	23
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.5	U	2.5	< 2.6	U	2.6	< 2.9	U	2.9	< 26	U	26
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.4	U	2.4	< 2.5	U	2.5	< 2.8	U	2.8	< 25	U	25
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.2	U	3.2	< 3.3	U	3.3	< 3.7	U	3.7	< 33	U	33
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9.1	U	9.1	< 9.3	U	9.3	< 11	U	11	< 92	U	92
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.5	U	3.5	< 3.5	U	3.5	< 4	U	4	< 35	U	35
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 29	U	29	< 29	U	29	< 33	U	33	< 290	U	290
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.8	U	1.8	< 2.1	U	2.1	< 18	U	18
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.5	U	2.5	< 2.5	U	2.5	< 2.9	U	2.9	< 25	U	25
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.5	U	3.5	< 3.6	U	3.6	< 4	U	4	< 35	U	35
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	U	2	< 2	U	2	< 2.3	U	2.3	< 20	U	20
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.5	U	2.5	< 2.6	U	2.6	3.7	J	2.9	< 26	U	26
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.7	U	1.7	< 1.7	U	1.7	< 2	U	2	< 17	U	17
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.2	U	3.2	< 3.2	U	3.2	< 3.7	U	3.7	< 32	U	32
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.1	U	2.1	< 2.1	U	2.1	< 2.4	U	2.4	< 21	U	21
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.4	U	2.4	< 2.4	U	2.4	< 2.7	U	2.7	< 24	U	24
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.5	U	2.5	< 2.5	U	2.5	< 2.9	U	2.9	< 25	U	25
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.3	U	2.3	< 2.3	U	2.3	< 2.7	U	2.7	< 23	U	23
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.8	U	2.8	< 2.8	U	2.8	< 3.2	U	3.2	< 28	U	28
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 4.3	U	4.3	4.6	J	4.4	7.7	J	5	< 43	U	43
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.6	U	1.6	< 1.6	U	1.6	< 1.9	U	1.9	< 16	U	16
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.2	U	1.2	< 1.3	U	1.3	37		1.4	< 13	U	13
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	14		1.6	< 1.6	U	1.6	< 1.8	U	1.8	< 16	U	16
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.4	U	1.4	< 1.4	U	1.4	< 1.6	U	1.6	< 14	U	14
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.3	U	1.3	< 1.3	U	1.3	< 1.5	U	1.5	< 13	U	13
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.2	U	2.2	< 2.3	U	2.3	< 2.6	U	2.6	< 23	U	23
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 1.9	U	1.9	< 2.2	U	2.2	< 19	U	19
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.91	U	0.91	< 0.93	U	0.93	< 1.1	U	1.1	< 9.2	U	9.2
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.4	U	2.4	< 2.5	U	2.5	< 2.8	U	2.8	< 25	U	25
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	16	J	3.1	8.4	J	3.2	17	J	3.6	< 31	U	31
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.3	U	3.3	7.4	J	3.3	7.4	J	3.8	< 33	U	33
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	22	J	7.7	45		7.8	32	J	8.9	< 77	U	77
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.7	U	1.7	< 1.7	U	1.7	< 1.9	U	1.9	< 17	U	17
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.6	U	1.6	< 1.6	U	1.6	< 1.9	U	1.9	< 16	U	16
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.6	U	2.6	< 2.6	U	2.6	< 3	U	3	< 26	U	26
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2.6	J	2.2	< 2.3	U	2.3	< 2.6	U	2.6	< 23	U	23
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.6	U	3.6	< 3.7	U	3.7	6.1	J	4.2	< 37	U	37
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.3	U	2.3	< 2.3	U	2.3	< 2.7	U	2.7	< 23	U	23
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6.7	U	6.7	< 6.8	U	6.8	< 7.8	U	7.8	< 68	U	68

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N58			SB-N59			SB-N6			SB-N60		
	Sample Date:							05/23/2008			05/15/2008			05/19/2008			05/15/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			10			9			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			12			11			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.8	U	2.8	< 2.9	U	2.9	< 3.3	U	3.3	< 29	U	29
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.6	U	2.6	< 2.7	U	2.7	< 3	U	3	< 26	U	26
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	17		2	< 2	U	2	< 2.3	U	2.3	< 20	U	20
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.4	U	2.4	< 2.5	U	2.5	< 2.8	U	2.8	< 25	U	25
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.5	U	2.5	< 2.5	U	2.5	< 2.9	U	2.9	< 25	U	25
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.9	U	1.9	< 1.9	U	1.9	< 2.2	U	2.2	< 19	U	19
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.8	U	1.8	< 1.8	U	1.8	< 2.1	U	2.1	< 18	U	18
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.4	U	1.4	< 1.5	U	1.5	< 1.7	U	1.7	< 15	U	15
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.3	U	2.3	< 2.3	U	2.3	< 2.6	U	2.6	< 23	U	23
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	2	J	2	< 2	U	2	< 2.3	U	2.3	< 20	U	20
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1	U	1	< 1	U	1	< 1.2	U	1.2	< 10	U	10
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.99	U	0.99	< 1	U	1	< 1.1	U	1.1	< 10	U	10
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.2	U	2.2	< 2.2	U	2.2	< 2.5	U	2.5	< 22	U	22
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3	U	3	< 3.1	U	3.1	< 3.5	U	3.5	< 30	U	30
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	5.7	J	1.9	< 2	U	2	4	J	2.2	< 20	U	20
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.4	U	2.4	< 2.5	U	2.5	< 2.8	U	2.8	< 25	U	25
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.5	U	2.5	< 2.5	U	2.5	< 2.9	U	2.9	< 25	U	25

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold**.

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*.

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N61			SB-N61			SB-N62			SB-N63		
	Sample Date:							06/05/2008			06/05/2008			06/05/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				2			8			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				4			10			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	5,730		0.29	10,200		0.29	10,200		0.29	9,330		0.28
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	4.5		0.0041	0.16	J	0.0041	0.15	J	0.004	< 0.14	B	0.14
Arsenic	7440-38-2	mg/kg	190,000	S	150	150	15	12.1		0.021	8.6		0.02	6		0.02	13.8	J	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	92.9		0.0096	55.2		0.0095	52.8		0.0094	45.2		0.0093
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.23		0.0046	0.58		0.0046	0.54		0.0045	0.49	L	0.0045
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.25		0.011	0.23		0.011	0.18		0.011	0.15		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	40,300		2.2	23,800		2.2	15,600		2.2	13,300		2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	68.1		0.01	19.3		0.0099	25.2		0.0097	16.2	K	0.0096
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	7.5		0.0031	1.34		0.0031	15.3		0.003	13		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	984		0.011	22.5		0.01	21.5		0.01	19		0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	69,700		3.6	30,400		0.36	34,100		0.35	31,400		0.35
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	180		0.0042	15.9		0.0042	14.6		0.0041	17		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	18,400		0.47	8,960		0.47	7,840		0.46	7,160	L	0.46
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	475		0.018	410		0.018	616		0.018	536		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	20		0.0085	31.4		0.0084	33.2		0.0083	28.5		0.0082
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	967		1.2	2,270		1.2	2,090		1.2	1,870		1.2
Selenium	7782-49-2	mg/kg	190,000	S	26	26	2.6	0.15	J	0.051	0.55	J	0.05	0.24	J	0.049	< 0.18	B	0.18
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.64		0.003	0.051	J	0.003	0.043	J	0.0029	0.088	J	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	226		0.9	146		0.89	116		0.88	106	J	0.87
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.074	J	0.0025	0.21		0.0025	0.16		0.0024	0.16		0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	16.7		0.0072	23.2		0.0072	20.8		0.0071	17.4		0.007
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	160		0.015	75		0.014	68.1		0.014	67.8	K	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.03	J	0.0089	0.019	J	0.0088	0.017	J	0.0086	0.011	J	0.0085
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	1.9		0.12	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	UL	0.12
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.18	U	0.18	< 0.18	U	0.18	< 0.18	U	0.18	0.63	J	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.28	U	0.28	< 0.28	U	0.28	< 0.28	U	0.28	< 0.27	U	0.27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.22	U	0.22	< 0.22	U	0.22	< 0.22	U	0.22	< 0.21	U	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.31	U	0.31	< 0.31	U	0.31	< 0.31	U	0.31	< 0.31	U	0.31
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.13	U	0.13	< 0.13	U	0.13	< 0.13	U	0.13	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24	< 0.24	U	0.24
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.47	U	0.47	< 0.47	U	0.47	< 0.47	U	0.47	< 0.46	U	0.46
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	NA	NA	NA	< 0.22	U	0.22	< 0.21	U	0.21	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N61			SB-N61			SB-N62			SB-N63		
	Sample Date:							06/05/2008			06/05/2008			06/05/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				2			8			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				4			10			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	2	J	0.33	< 0.33	U	0.33	< 0.33	U	0.33	< 0.33	U	0.33
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26	< 0.25	U	0.25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.24	U	0.24	< 0.24	U	0.24	4.4		0.24	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	2.9		0.29	< 0.29	U	0.29	< 0.28	U	0.28	< 0.28	U	0.28
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	NA	NA	NA	< 0.21	U	0.21	< 0.21	U	0.21	< 0.21	U	0.21
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26	< 0.26	U	0.26
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.21	U	0.21	< 0.21	U	0.21	< 0.2	U	0.2	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.86	U	0.86	< 0.85	U	0.85	< 0.84	U	0.84	< 0.83	U	0.83
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14	< 14	U	14	< 14	U	14
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3.1	U	3.1	< 3.1	U	3.1	< 3	U	3	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.9	U	3.9	< 3.9	U	3.9	< 3.9	U	3.9	< 3.8	U	3.8
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.5	U	3.5	< 3.5	U	3.5	< 3.5	U	3.5	< 3.4	U	3.4
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.4	U	3.4	< 3.4	U	3.4	< 3.3	U	3.3	< 3.3	U	3.3
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	450		2.9	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9	< 2.9	U	2.9
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.41	U	0.41	< 0.49	U	0.49	< 0.48	U	0.48	< 0.51	U	0.51
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.61	U	0.61	< 0.72	U	0.72	< 0.71	U	0.71	< 0.31	U	0.31
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.71	U	0.71	< 0.83	U	0.83	< 0.82	U	0.82	< 0.36	U	0.36
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.49	U	0.49	< 0.58	U	0.58	< 0.57	U	0.57	< 0.33	U	0.33
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.72	U	0.72	< 0.85	U	0.85	< 0.84	U	0.84	< 0.48	U	0.48
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.75	U	0.75	< 0.88	U	0.88	< 0.87	U	0.87	< 0.25	U	0.25
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.63	U	0.63	< 0.75	U	0.75	< 0.74	U	0.74	< 1.2	U	1.2
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.73	U	0.73	< 0.86	U	0.86	< 0.85	U	0.85	< 0.46	U	0.46
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.68	U	0.68	< 0.8	U	0.8	< 0.79	U	0.79	< 0.33	U	0.33
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.52	U	0.52	< 0.61	U	0.61	< 0.6	U	0.6	< 0.31	U	0.31
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.46	U	0.46	< 0.54	U	0.54	< 0.54	U	0.54	< 0.63	U	0.63
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.56	U	0.56	< 0.66	U	0.66	< 0.65	U	0.65	< 0.32	U	0.32
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.54	U	0.54	< 0.64	U	0.64	< 0.63	U	0.63	< 0.6	U	0.6
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.75	U	0.75	< 0.88	U	0.88	< 0.87	U	0.87	< 1.3	U	1.3
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.59	U	0.59	< 0.69	U	0.69	< 0.68	U	0.68	< 0.58	U	0.58
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.55	U	0.55	< 0.65	U	0.65	< 0.64	U	0.64	< 0.49	U	0.49
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 4.2	U	4.2	6.5	J	5	< 4.9	U	4.9	< 5.8	U	5.8

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential				SB-N61			SB-N61			SB-N62			SB-N63		
	Sample Date:							06/05/2008			06/05/2008			06/05/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				2			8			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				4			10			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.57	U	0.57	< 0.67	U	0.67	< 0.67	U	0.67	< 0.21	U	0.21
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.48	U	0.48	< 0.56	U	0.56	< 0.55	U	0.55	< 0.26	U	0.26
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.38	U	0.38	< 0.44	U	0.44	< 0.44	U	0.44	< 0.3	U	0.3
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.63	U	0.63	< 0.74	U	0.74	< 0.73	U	0.73	< 0.49	U	0.49
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.43	U	0.43	< 0.51	U	0.51	< 0.5	U	0.5	< 0.4	U	0.4
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.38	U	0.38	< 0.45	U	0.45	< 0.44	U	0.44	< 0.34	U	0.34
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.64	U	0.64	< 0.76	U	0.76	< 0.75	U	0.75	< 0.3	U	0.3
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.3	U	1.3	< 1.5	U	1.5	< 1.5	U	1.5	< 0.79	U	0.79
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.5	U	0.5	< 0.58	U	0.58	< 0.58	U	0.58	< 0.27	U	0.27
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.72	U	0.72	< 0.85	U	0.85	< 0.84	U	0.84	< 0.37	U	0.37
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.6	U	0.6	< 0.7	U	0.7	< 0.69	U	0.69	< 0.33	U	0.33
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.57	U	0.57	< 0.68	U	0.68	< 0.67	U	0.67	< 0.31	U	0.31
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.31	U	0.31	< 0.37	U	0.37	< 0.37	U	0.37	< 0.3	U	0.3
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.6	U	0.6	< 0.71	U	0.71	< 0.7	U	0.7	< 0.5	U	0.5
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.56	U	0.56	< 0.67	U	0.67	< 0.66	U	0.66	< 0.46	U	0.46
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.55	U	0.55	< 0.64	U	0.64	< 0.63	U	0.63	< 0.24	U	0.24
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 0.91	U	0.91	< 1.1	U	1.1	< 1.1	U	1.1	< 1.2	U	1.2
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.58	U	0.58	< 0.68	U	0.68	< 0.67	U	0.67	< 0.15	U	0.15
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.76	U	0.76	< 0.9	U	0.9	< 0.89	U	0.89	< 1.3	U	1.3
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.62	U	0.62	< 0.72	U	0.72	< 0.71	U	0.71	< 0.28	U	0.28
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.63	U	0.63	< 0.75	U	0.75	< 0.74	U	0.74	< 0.39	U	0.39
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 1.3	B	1.3	< 1.7	B	1.7	< 1.5	B	1.5	0.68	J	0.61
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.45	U	0.45	< 0.53	U	0.53	< 0.52	U	0.52	< 0.14	U	0.14
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.58	U	0.58	< 0.68	U	0.68	< 0.67	U	0.67	< 0.48	U	0.48
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.62	U	0.62	< 0.73	U	0.73	< 0.72	U	0.72	< 0.25	U	0.25
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.51	U	0.51	< 0.6	U	0.6	< 0.59	U	0.59	< 0.37	U	0.37
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.51	U	0.51	< 0.6	U	0.6	< 0.59	U	0.59	< 0.49	U	0.49
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.56	U	0.56	< 0.66	U	0.66	< 0.65	U	0.65	< 0.38	U	0.38
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.78	U	0.78	< 0.92	U	0.92	< 0.91	U	0.91	< 0.31	U	0.31
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.4	U	0.4	< 0.47	U	0.47	< 0.46	U	0.46	< 0.36	U	0.36
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 1.9	U	1.9	< 2.2	U	2.2	< 2.2	U	2.2	1.1	J	0.61
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 17	U	17	< 17	U	17	< 3.3	U	3.3	< 3.3	U	3.3
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 17	U	17	< 16	U	16	< 3.3	U	3.3	< 3.2	U	3.2
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 6.2	U	6.2	< 6	U	6	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 8.9	U	8.9	< 8.7	U	8.7	< 1.7	U	1.7	< 1.7	U	1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 240	U	240	< 240	U	240	< 48	U	48	< 47	U	47
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 11	U	11	< 10	U	10	< 2.1	U	2.1	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 13	U	13	< 13	U	13	< 2.6	U	2.6	< 2.6	U	2.6
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 12	U	12	< 12	U	12	< 2.3	U	2.3	< 2.3	U	2.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs					SB-N61			SB-N61			SB-N62			SB-N63		
	Sample Date:		Non-Residential					06/05/2008			06/05/2008			06/05/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				2			8			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				4			10			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 10	U	10	< 10	U	10	< 2	U	2	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	160		11	< 11	U	11	4.6	J	2.2	3.4	J	2.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 13	U	13	< 13	U	13	< 2.5	U	2.5	< 2.5	U	2.5
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 12	U	12	< 12	U	12	< 2.4	U	2.4	< 2.4	U	2.4
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 16	U	16	< 16	U	16	< 3.2	U	3.2	< 3.2	U	3.2
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 47	U	47	< 46	U	46	< 9.1	U	9.1	< 9	U	9
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 18	U	18	< 17	U	17	< 3.5	U	3.5	< 3.4	U	3.4
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 150	U	150	< 140	U	140	< 28	U	28	< 28	U	28
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9.3	U	9.3	< 9.1	U	9.1	< 1.8	U	1.8	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 13	U	13	< 12	U	12	< 2.5	U	2.5	< 2.4	U	2.4
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 18	U	18	< 17	U	17	< 3.5	U	3.5	< 3.4	U	3.4
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 10	U	10	< 10	U	10	< 2	U	2	< 2	U	2
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 13	U	13	< 13	U	13	4.2	J	2.5	< 2.5	U	2.5
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 8.7	U	8.7	< 8.5	U	8.5	< 1.7	U	1.7	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 16	U	16	< 16	U	16	< 3.1	U	3.1	< 3.1	U	3.1
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	170		11	21	J	11	2.5	J	2.1	< 2.1	U	2.1
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	28	J	12	< 12	U	12	< 2.3	U	2.3	< 2.3	U	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	31	J	13	< 12	U	12	< 2.4	U	2.4	< 2.4	U	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	160		12	14	J	11	< 2.3	U	2.3	< 2.3	U	2.3
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 14	U	14	< 14	U	14	< 2.8	U	2.8	< 2.7	U	2.7
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 22	U	22	< 21	U	21	13	J	4.3	< 4.2	U	4.2
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	210		8.2	9.7	J	8	< 1.6	U	1.6	7.8	J	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	140		6.4	< 6.2	U	6.2	< 1.2	U	1.2	< 1.2	U	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	210		8	< 7.8	U	7.8	< 1.6	U	1.6	3.7	J	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	360		7	< 6.9	U	6.9	< 1.4	U	1.4	7.5	J	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 6.6	U	6.6	< 6.5	U	6.5	< 1.3	U	1.3	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	35	J	11	< 11	U	11	< 2.2	U	2.2	2.2	J	2.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 9.6	U	9.6	< 9.4	U	9.4	< 1.9	U	1.9	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 4.7	U	4.7	< 4.6	U	4.6	< 0.91	U	0.91	< 0.9	U	0.9
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 12	U	12	< 12	U	12	< 2.4	U	2.4	< 2.4	U	2.4
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	340		16	29	J	16	22	J	3.1	17	J	3.1
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 17	U	17	39	J	16	18	J	3.2	< 3.2	U	3.2
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 39	U	39	130	J	38	110		7.6	15	J	7.6
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	31	J	8.5	< 8.3	U	8.3	< 1.7	U	1.7	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	190		8.2	< 8	U	8	5.4	J	1.6	< 1.6	U	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	75		13	< 13	U	13	< 2.6	U	2.6	< 2.5	U	2.5
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	110	J	11	18	J	11	4.9	J	2.2	4.4	J	2.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 18	U	18	< 18	U	18	5.6	J	3.6	< 3.6	U	3.6
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 12	U	12	< 11	U	11	< 2.3	U	2.3	2.8	J	2.3
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	43	J	34	< 34	U	34	12	J	6.7	7.2	J	6.6

TABLE 8-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N61			SB-N61			SB-N62			SB-N63		
	Sample Date:			Non-Residential				06/05/2008			06/05/2008			06/05/2008			05/29/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				2			8			10			10		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				4			10			12			12		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	29	J	14	< 14	U	14	< 2.8	U	2.8	< 2.8	U	2.8
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	470		13	32	J	13	4.1	J	2.6	3.7	J	2.6
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	120		10	< 9.8	U	9.8	3	J	2	< 1.9	U	1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 12	U	12	< 12	U	12	< 2.4	U	2.4	< 2.4	U	2.4
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 13	U	13	< 12	U	12	< 2.5	U	2.5	< 2.4	U	2.4
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 9.5	U	9.5	< 9.3	U	9.3	< 1.9	U	1.9	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 9.2	U	9.2	< 9.1	U	9.1	< 1.8	U	1.8	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	180		7.3	< 7.2	U	7.2	< 1.4	U	1.4	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 12	U	12	< 11	U	11	< 2.2	U	2.2	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	360		10	< 9.8	U	9.8	7.5	J	2	3.2	J	1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 5.1	U	5.1	< 5	U	5	< 1	U	1	< 0.99	U	0.99
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 5.1	U	5.1	< 5	U	5	< 0.99	U	0.99	< 0.98	U	0.98
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 11	U	11	< 11	U	11	< 2.2	U	2.2	< 2.2	U	2.2
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 15	U	15	< 15	U	15	< 3	U	3	< 3	U	3
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	430		9.9	57		9.7	9.8		1.9	9.3		1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 12	U	12	< 12	U	12	< 2.4	U	2.4	< 2.4	U	2.4
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	300		13	20	J	12	4.3	J	2.5	4	J	2.4

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N64			SB-N65			SB-N66			SB-N7		
	Sample Date:							06/05/2008			06/05/2008			06/05/2008			05/14/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	11,900		0.31	10,800		0.29	11,200		0.29	13,300		0.3
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.26		0.0044	0.16	J	0.004	0.15	J	0.0041	0.42	L	0.0042
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	13		0.022	14.7		0.02	19		0.02	13.4	J	0.021
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	67.7		0.01	70.4		0.0094	59.5		0.0095	61.3		0.0098
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.69		0.0049	0.6		0.0045	0.6		0.0046	0.74		0.0047
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.32		0.012	0.15		0.011	0.21		0.011	0.48	L	0.012
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	5,210		2.3	3,080		2.2	16,300		2.2	7,130	J	2.3
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	22.8		0.011	19.5		0.0097	20.7		0.0099	34.6	J	0.01
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	2.46		0.0033	20		0.003	18.2		0.0031	13.6		0.0032
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	28.8		0.011	20		0.01	21.7		0.01	54	J	0.011
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	33,200		0.38	29,600		0.35	31,500		0.36	45,600	J	1.8
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	23.5		0.0045	19.5		0.0041	16.5		0.0042	125	J	0.0043
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	4,620		0.5	3,580		0.46	7,240		0.47	6,190	L	0.48
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	436		0.019	877		0.018	628		0.018	544		0.018
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	33.7		0.009	30.6		0.0083	34.7		0.0084	38.9	L	0.0086
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2,150		1.3	1,610		1.2	2,190		1.2	2,510		1.3
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	0.79		0.054	0.38	J	0.049	0.66		0.05	0.6	L	0.051
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.083	J	0.0032	0.02	J	0.0029	0.048	J	0.003	0.12	J	0.003
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	167		0.96	96.2		0.88	102		0.89	129	J	0.92
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.26		0.0026	0.17		0.0024	0.19		0.0025	0.18	J	0.0025
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	31.5		0.0077	21.4		0.0071	22.4		0.0072	21.5	J	0.0074
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	93		0.015	64.5		0.014	77.1		0.014	96	L	0.015
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.035	J	0.0094	0.032	J	0.0086	0.021	J	0.0088	0.031	L	0.009
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.13	U	0.13	< 0.12	U	0.12	< 0.12	U	0.12	< 0.14	B	0.14
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.2	U	0.2	< 0.18	U	0.18	< 0.18	U	0.18	< 0.19	U	0.19
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.13	U	0.13	< 0.12	U	0.12	< 0.12	U	0.12	< 0.13	U	0.13
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.3	U	0.3	< 0.27	U	0.27	< 0.28	U	0.28	< 0.29	U	0.29
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.23	U	0.23	< 0.21	U	0.21	< 0.22	U	0.22	< 0.22	U	0.22
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.34	U	0.34	< 0.31	U	0.31	< 0.31	U	0.31	< 0.32	U	0.32
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.14	U	0.14	< 0.13	U	0.13	< 0.13	U	0.13	< 0.13	U	0.13
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.23	U	0.23	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.26	U	0.26	< 0.24	U	0.24	< 0.24	U	0.24	< 0.25	U	0.25
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.51	U	0.51	< 0.46	U	0.46	< 0.47	U	0.47	< 0.49	U	0.49
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.23	U	0.23	< 0.21	U	0.21	< 0.22	U	0.22	< 0.22	U	0.22

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N64			SB-N65			SB-N66			SB-N7		
	Sample Date:							06/05/2008			06/05/2008			06/05/2008			05/14/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.16	U	0.16	< 0.15	U	0.15	< 0.15	U	0.15	0.87	J	0.16
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.36	U	0.36	< 0.33	U	0.33	< 0.33	U	0.33	< 0.34	U	0.34
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.18	U	0.18	< 0.16	U	0.16	< 0.16	U	0.16	< 0.17	U	0.17
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.28	U	0.28	< 0.25	U	0.25	< 0.26	U	0.26	< 0.27	U	0.27
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.26	U	0.26	< 0.23	U	0.23	< 0.24	U	0.24	< 0.25	U	0.25
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.31	U	0.31	< 0.28	U	0.28	< 0.29	U	0.29	< 0.29	U	0.29
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.23	U	0.23	< 0.21	U	0.21	< 0.21	U	0.21	< 0.22	U	0.22
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.28	U	0.28	< 0.26	U	0.26	< 0.26	U	0.26	< 0.27	U	0.27
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.22	U	0.22	< 0.2	U	0.2	< 0.21	U	0.21	< 0.21	U	0.21
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.91	U	0.91	< 0.83	U	0.83	< 0.86	U	0.86	< 0.88	U	0.88
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 15	U	15	< 14	U	14	< 14	U	14	< 15	U	15
PCBs																			
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 3.3	U	3.3	< 3	U	3	< 3.1	U	3.1	< 3.1	U	3.1
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 4.2	U	4.2	< 3.8	U	3.8	< 3.9	U	3.9	< 4	U	4
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.8	U	3.8	< 3.4	U	3.4	< 3.5	U	3.5	< 3.6	U	3.6
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.6	U	3.6	< 3.3	U	3.3	< 3.4	U	3.4	< 3.4	U	3.4
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 2.1	U	2.1	< 1.9	U	1.9	< 1.9	U	1.9	< 2	U	2
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 3.1	U	3.1	< 2.9	U	2.9	< 2.9	U	2.9	< 3	U	3
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 3.1	U	3.1	< 2.9	U	2.9	< 2.9	U	2.9	< 3	U	3
Volatile Organic Compounds																			
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.67	U	0.67	< 0.46	U	0.46	< 58	U	58	< 0.54	U	0.54
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 1	U	1	< 0.68	U	0.68	< 65	U	65	< 0.8	U	0.8
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 1.2	U	1.2	< 0.79	U	0.79	< 61	U	61	< 0.93	U	0.93
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.8	U	0.8	< 0.55	U	0.55	< 56	U	56	< 0.64	U	0.64
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 1.2	U	1.2	< 0.81	U	0.81	< 67	U	67	< 0.95	U	0.95
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 1.2	U	1.2	< 0.84	U	0.84	< 59	U	59	< 0.98	U	0.98
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 1	U	1	< 0.71	U	0.71	< 48	U	48	< 0.84	U	0.84
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 1.2	U	1.2	< 0.82	U	0.82	< 60	U	60	< 0.96	U	0.96
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 1.1	U	1.1	< 0.76	U	0.76	< 63	U	63	< 0.89	U	0.89
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.85	U	0.85	< 0.58	U	0.58	< 63	U	63	< 0.68	U	0.68
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.75	U	0.75	< 0.52	U	0.52	< 64	U	64	< 0.61	U	0.61
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.91	U	0.91	< 0.62	U	0.62	< 60	U	60	< 0.73	U	0.73
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.88	U	0.88	< 0.6	U	0.6	< 64	U	64	< 0.71	U	0.71
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 1.2	U	1.2	< 0.84	U	0.84	< 56	U	56	< 0.98	U	0.98
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.96	U	0.96	< 0.66	U	0.66	< 45	U	45	< 0.77	U	0.77
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.9	U	0.9	< 0.62	U	0.62	< 50	U	50	< 0.73	U	0.73
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	10	J	6.9	< 4.7	U	4.7	< 68	U	68	< 5.6	U	5.6

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N64			SB-N65			SB-N66			SB-N7		
	Sample Date:							06/05/2008			06/05/2008			06/05/2008			05/14/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.94	U	0.94	< 0.64	U	0.64	< 59	U	59	< 0.75	U	0.75
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.78	U	0.78	< 0.53	U	0.53	< 56	U	56	< 0.63	U	0.63
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.61	U	0.61	< 0.42	U	0.42	< 58	U	58	< 0.49	U	0.49
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 1	U	1	< 0.7	U	0.7	< 73	U	73	< 0.82	U	0.82
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.71	U	0.71	< 0.49	U	0.49	< 70	U	70	< 0.57	U	0.57
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.62	U	0.62	< 0.42	U	0.42	< 51	U	51	< 0.5	U	0.5
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 1	U	1	< 0.72	U	0.72	< 64	U	64	< 0.84	U	0.84
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 2.1	U	2.1	< 1.5	U	1.5	< 83	U	83	< 1.7	U	1.7
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.81	U	0.81	< 0.56	U	0.56	< 61	U	61	< 0.65	U	0.65
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 1.2	U	1.2	< 0.81	U	0.81	< 64	U	64	< 0.95	U	0.95
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.97	U	0.97	< 0.67	U	0.67	< 62	U	62	< 0.78	U	0.78
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.94	U	0.94	< 0.64	U	0.64	< 51	U	51	< 0.76	U	0.76
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.51	U	0.51	< 0.35	U	0.35	< 57	U	57	< 0.41	U	0.41
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.98	U	0.98	< 0.67	U	0.67	< 53	U	53	< 0.79	U	0.79
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.92	U	0.92	< 0.63	U	0.63	< 73	U	73	< 0.74	U	0.74
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.89	U	0.89	< 0.61	U	0.61	5,000		68	< 0.72	U	0.72
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1.5	U	1.5	< 1	U	1	< 71	U	71	< 1.2	U	1.2
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.94	U	0.94	< 0.64	U	0.64	< 61	U	61	< 0.76	U	0.76
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 1.2	U	1.2	< 0.86	U	0.86	< 61	U	61	< 1	U	1
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1	U	1	< 0.69	U	0.69	< 64	U	64	< 0.81	U	0.81
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 1	U	1	< 0.71	U	0.71	< 53	U	53	< 0.83	U	0.83
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	< 5.7	B	5.7	< 2.9	B	2.9	< 44	U	44	< 1.8	B	1.8
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.74	U	0.74	< 0.5	U	0.5	< 64	U	64	< 0.59	U	0.59
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.94	U	0.94	< 0.65	U	0.65	< 75	U	75	< 0.76	U	0.76
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 1	U	1	< 0.69	U	0.69	< 45	U	45	< 0.81	U	0.81
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.83	U	0.83	< 0.57	U	0.57	< 67	U	67	< 0.66	U	0.66
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.83	U	0.83	< 0.57	U	0.57	< 50	U	50	< 0.67	U	0.67
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.91	U	0.91	< 0.62	U	0.62	< 64	U	64	< 0.73	U	0.73
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.3	U	1.3	< 0.87	U	0.87	< 93	U	93	< 1	U	1
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.65	U	0.65	< 0.45	U	0.45	< 64	U	64	< 0.52	U	0.52
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 3.1	U	3.1	< 2.1	U	2.1	14,000		200	< 2.5	U	2.5
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.6	UJ	3.6	< 3.3	U	3.3	< 3.3	U	3.3	< 3.4	U	3.4
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.5	UJ	3.5	< 3.3	U	3.3	< 3.3	U	3.3	< 3.4	U	3.4
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.3	UJ	1.3	< 1.2	U	1.2	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.9	UJ	1.9	< 1.7	U	1.7	920		1.7	< 1.8	U	1.8
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 52	UJ	52	< 48	U	48	< 48	U	48	< 49	U	49
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2.3	UJ	2.3	< 2.1	U	2.1	< 2.1	U	2.1	< 2.1	U	2.1
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.8	UJ	2.8	< 2.6	U	2.6	< 2.6	U	2.6	< 2.7	U	2.7
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.5	UJ	2.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:							SB-N64			SB-N65			SB-N66			SB-N7		
	Sample Date:		PADEP MSCs Non-Residential					06/05/2008			06/05/2008			06/05/2008			05/14/2008		
	Matrix Code:							SO			SO			SO			SO		
	Sample Type Code:							N			N			N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				6			6			6			16		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2.2	UJ	2.2	< 2	U	2	< 2	U	2	< 2.1	U	2.1
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.4	UJ	2.4	< 2.2	U	2.2	3.8	J	2.2	39		2.3
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.7	UJ	2.7	< 2.5	U	2.5	< 2.5	U	2.5	< 2.6	U	2.6
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.6	UJ	2.6	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.5	UJ	3.5	< 3.2	U	3.2	< 3.2	U	3.2	< 3.3	U	3.3
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 9.8	UJ	9.8	< 9.1	U	9.1	< 9.1	U	9.1	< 9.4	U	9.4
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.8	UJ	3.8	< 3.5	U	3.5	< 3.5	U	3.5	< 3.6	U	3.6
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 31	UJ	31	< 28	U	28	< 29	U	29	< 29	U	29
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	UJ	2	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.7	UJ	2.7	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.8	UJ	3.8	< 3.5	U	3.5	< 3.5	U	3.5	< 3.6	U	3.6
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	UJ	2.2	< 2	U	2	< 2	U	2	< 2.1	U	2.1
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.7	UJ	2.7	< 2.5	U	2.5	4.3	J	2.5	< 2.6	U	2.6
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.8	UJ	1.8	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3.4	UJ	3.4	< 3.1	U	3.1	< 3.2	U	3.2	< 3.2	U	3.2
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2.3	UJ	2.3	< 2.1	U	2.1	< 2.1	U	2.1	< 2.2	U	2.2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.5	UJ	2.5	< 2.3	U	2.3	< 2.4	U	2.4	< 2.4	U	2.4
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.7	UJ	2.7	< 2.5	U	2.5	91		2.5	< 2.5	U	2.5
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.5	UJ	2.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 3	UJ	3	< 2.8	U	2.8	< 2.8	U	2.8	< 2.9	U	2.9
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	11	J	4.6	< 4.3	U	4.3	< 4.3	U	4.3	< 4.4	U	4.4
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.7	UJ	1.7	< 1.6	U	1.6	< 1.6	U	1.6	< 1.6	U	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.3	UJ	1.3	< 1.2	U	1.2	2.6	J	1.2	2.8	J	1.3
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	2.9	J	1.7	< 1.6	U	1.6	2.5	J	1.6	< 1.6	U	1.6
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	4.1	J	1.5	< 1.4	U	1.4	6	J	1.4	2.2	J	1.4
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.4	UJ	1.4	< 1.3	U	1.3	< 1.3	U	1.3	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.4	UJ	2.4	< 2.2	U	2.2	< 2.2	U	2.2	5.3	J	2.3
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2	UJ	2	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.98	UJ	0.98	< 0.91	U	0.91	< 0.91	U	0.91	< 0.94	U	0.94
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.6	UJ	2.6	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	16	J	3.4	45		3.1	21	J	3.1	< 3.2	U	3.2
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	< 3.5	UJ	3.5	33	J	3.2	27	J	3.3	< 3.3	U	3.3
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	35	J	8.3	80		7.6	150		7.7	< 7.9	U	7.9
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.8	UJ	1.8	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.7	UJ	1.7	< 1.6	U	1.6	4.2	J	1.6	< 1.6	U	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.8	UJ	2.8	< 2.6	U	2.6	< 2.6	U	2.6	< 2.6	U	2.6
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2.5	J	2.4	2.7	J	2.2	3.6	J	2.2	11	J	2.3
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	< 3.9	UJ	3.9	< 3.6	U	3.6	< 3.6	U	3.6	< 3.7	U	3.7
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.5	UJ	2.5	< 2.3	U	2.3	< 2.3	U	2.3	< 2.4	U	2.4
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	10	J	7.2	16	J	6.7	15	J	6.7	7.2	J	6.9

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

Sample Location:								SB-N64			SB-N65			SB-N66			SB-N7		
Sample Date:			PADEP MSCs					06/05/2008			06/05/2008			06/05/2008			05/14/2008		
Matrix Code:			Non-Residential					SO			SO			SO			SO		
Sample Type Code:								N			N			N			N		
Start Depth:			Direct Contact	Soil to Groundwater				6			6			6			16		
End Depth:			Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				8			8			8			18		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 3	UJ	3	< 2.8	U	2.8	< 2.8	U	2.8	< 2.9	U	2.9
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	< 2.8	UJ	2.8	< 2.6	U	2.6	< 2.6	U	2.6	5.3	J	2.7
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 2.1	UJ	2.1	< 2	U	2	< 2	U	2	< 2	U	2
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.6	UJ	2.6	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.7	UJ	2.7	< 2.5	U	2.5	< 2.5	U	2.5	< 2.5	U	2.5
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 2	UJ	2	< 1.9	U	1.9	< 1.9	U	1.9	< 1.9	U	1.9
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 2	UJ	2	< 1.8	U	1.8	< 1.8	U	1.8	< 1.9	U	1.9
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.6	UJ	1.6	< 1.4	U	1.4	< 1.4	U	1.4	< 1.5	U	1.5
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.4	UJ	2.4	< 2.2	U	2.2	< 2.3	U	2.3	< 2.3	U	2.3
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	6.7	J	2.1	< 2	U	2	15		2	24		2
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 1.1	UJ	1.1	< 1	U	1	< 1	U	1	< 1	U	1
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 1.1	UJ	1.1	< 0.99	U	0.99	< 0.99	U	0.99	< 1	U	1
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.4	UJ	2.4	< 2.2	U	2.2	< 2.2	U	2.2	< 2.3	U	2.3
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 3.3	UJ	3.3	< 3	U	3	< 3	U	3	< 3.1	U	3.1
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	4.8	J	2.1	7.1	J	1.9	7.1	J	1.9	23		2
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.6	UJ	2.6	< 2.4	U	2.4	< 2.4	U	2.4	< 2.5	U	2.5
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	< 2.7	UJ	2.7	< 2.5	U	2.5	3.2	J	2.5	6	J	2.5

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

Sample Location:				PADEP MSCs Non-Residential				SB-N8			SB-N9		
Sample Date:								05/22/2008			05/13/2008		
Matrix Code:								SO			SO		
Sample Type Code:								N			N		
Start Depth:			Direct Contact	Soil to Groundwater				16			6		
End Depth:			Subsurface Soil	Used Aquifer, TDS<=2500 mg/l				18			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL
Inorganics													
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	6,040		0.28	4,520		0.28
Antimony	7440-36-0	mg/kg	190,000	0.6	27	27	2.7	0.2	L	0.0039	0.13	L	0.0039
Arsenic	7440-38-2	mg/kg	190,000	5	150	150	15	14.3	J	0.019	7.7	J	0.02
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	820	31.8		0.009	22.6	L	0.0092
Beryllium	7440-41-7	mg/kg	190,000	0.4	320	320	32	0.32		0.0043	0.31		0.0044
Cadmium	7440-43-9	mg/kg	190,000	0.5	38	38	3.8	0.092	J	0.011	0.14		0.011
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,180		2.1	1,400	L	2.1
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	19,000	10.3		0.0094	8.2	L	0.0096
Cobalt	7440-48-4	mg/kg	190,000	200	22	200	2.2	7.5		0.0029	5.6		0.003
Copper	7440-50-8	mg/kg	190,000	100	36,000	36,000	3,600	21.2		0.0099	13.9	L	0.01
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	23,800		0.34	20,900		0.34
Lead	7439-92-1	mg/kg	190,000	0.5	450	450	45	16.7		0.004	9.1		0.0041
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	1,940		0.44	1,900		0.45
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	N.S.	422		0.017	762		0.017
Nickel	7440-02-0	mg/kg	190,000	10	650	650	65	18.6		0.008	15.4	L	0.0081
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	821		1.2	736		1.2
Selenium	7782-49-2	mg/kg	190,000	5	26	26	2.6	< 0.17	B	0.17	< 0.17	B	0.17
Silver	7440-22-4	mg/kg	190,000	10	84	84	8.4	0.017	J	0.0028	< 0.0029	U	0.0029
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	55.7		0.85	47.9	J	0.87
Thallium	7440-28-0	mg/kg	190,000	0.2	14	14	1.4	0.1	J	0.0023	0.098	J	0.0024
Vanadium	7440-62-2	mg/kg	190,000	72	72,000	72,000	7,200	13.1		0.0068	11.4		0.0069
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	1,200	70.3		0.014	41.6	L	0.014
Mercury	7439-97-6	mg/kg	190,000	0.2	10	10	1	0.027	J	0.0083	< 0.0085	U	0.0085
Cyanide	57-12-5	mg/kg	190,000	20	200	200	20	< 0.12	B	0.12	< 0.11	U	0.11
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	N.S.	NA	NA	NA	NA	NA	NA
Pesticides													
4,4-DDD	72-54-8	ug/kg	190,000,000	270	30,000	30,000	3,000	< 0.17	U	0.17	< 0.18	U	0.18
4,4-DDE	72-55-9	ug/kg	190,000,000	760	170,000	170,000	17,000	< 0.12	U	0.12	< 0.12	U	0.12
4,4-DDT	50-29-3	ug/kg	190,000,000	550	330,000	330,000	33,000	< 0.27	U	0.27	< 0.27	U	0.27
Aldrin	309-00-2	ug/kg	190,000,000	3.7	440	440	44	< 0.21	U	0.21	< 0.21	U	0.21
alpha-BHC	319-84-6	ug/kg	190,000,000	41	190	190	19	< 0.3	U	0.3	< 0.3	U	0.3
alpha-Chlordane	5103-71-9	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.12	U	0.12	< 0.12	U	0.12
alpha-Endosulfan	959-98-8	ug/kg	190,000,000	50,000	260,000	260,000	26,000	< 0.2	U	0.2	< 0.21	U	0.21
beta-BHC	319-85-7	ug/kg	190,000,000	140	820	820	82	< 0.23	U	0.23	< 0.23	U	0.23
beta-Endosulfan	33213-65-9	ug/kg	190,000,000	45,000	260,000	260,000	26,000	< 0.45	U	0.45	NA	NA	NA
delta-BHC	319-86-8	ug/kg	190,000,000	6,100	30,000	30,000	3,000	< 0.21	U	0.21	< 0.21	U	0.21

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs				SB-N8			SB-N9		
	Sample Date:			Non-Residential				05/22/2008			05/13/2008		
	Matrix Code:							SO			SO		
	Sample Type Code:							N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL
Dieldrin	60-57-1	ug/kg	10000000	16	440	440	44	< 0.15	U	0.15	< 0.15	U	0.15
Endosulfan Sulfate	1031-07-8	ug/kg	190,000,000	12,000	70,000	70,000	7,000	< 0.32	U	0.32	< 0.32	U	0.32
Endrin	72-20-8	ug/kg	190,000,000	200	5,500	5,500	550	< 0.16	U	0.16	< 0.16	U	0.16
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.25	U	0.25	< 0.25	U	0.25
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.23	U	0.23	< 0.23	U	0.23
gamma-BHC	58-89-9	ug/kg	190,000,000	20	72	72	7.2	< 0.27	U	0.27	< 0.28	U	0.28
gamma-Chlordane	5566-34-7	ug/kg	190,000,000	200	49,000	49,000	4,900	< 0.2	U	0.2	< 0.2	U	0.2
Heptachlor	76-44-8	ug/kg	190,000,000	40	680	680	68	< 0.25	U	0.25	< 0.25	U	0.25
Heptachlor Epoxide	1024-57-3	ug/kg	190,000,000	20	1,100	1,100	110	< 0.2	U	0.2	< 0.2	U	0.2
Methoxychlor	72-43-5	ug/kg	190,000,000	4,000	630,000	630,000	63,000	< 0.81	U	0.81	< 0.83	U	0.83
Toxaphene	8001-35-2	ug/kg	190,000,000	300	1,200	1,200	120	< 14	U	14	< 14	U	14
PCBs													
Aroclor 1016	12674-11-2	ug/kg	10,000,000	720	200,000	200,000	20,000	< 2.9	U	2.9	< 3	U	3
Aroclor 1221	11104-28-2	ug/kg	10,000,000	520	2,500	2,500	250	< 3.7	U	3.7	< 3.8	U	3.8
Aroclor 1232	11141-16-5	ug/kg	10,000,000	520	2,000	2,000	200	< 3.3	U	3.3	< 3.4	U	3.4
Aroclor 1242	53469-21-9	ug/kg	10,000,000	520	62,000	62,000	6,200	< 3.2	U	3.2	< 3.2	U	3.2
Aroclor 1248	12672-29-6	ug/kg	10,000,000	140	67,000	67,000	6,700	< 1.8	U	1.8	< 1.9	U	1.9
Aroclor 1254	11097-69-1	ug/kg	10,000,000	140	280,000	280,000	28,000	< 2.8	U	2.8	< 2.8	U	2.8
Aroclor 1260	11096-82-5	ug/kg	190,000,000	430	1,900,000	1,900,000	190,000	< 2.8	U	2.8	< 2.8	U	2.8
Volatile Organic Compounds													
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	720	< 0.46	U	0.46	< 0.95	U	0.95
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	33,000	30	9.3	30	0.93	< 0.68	U	0.68	< 1.1	U	1.1
1,1,2-Trichloroethane	79-00-5	ug/kg	120,000	500	150	500	15	< 0.79	U	0.79	< 0.99	U	0.99
1,1-Dichloroethane	75-34-3	ug/kg	1,200,000	11,000	2,700	11,000	270	< 0.54	U	0.54	< 0.91	U	0.91
1,1-Dichloroethene	75-35-4	ug/kg	38,000	700	190	700	19	< 0.8	U	0.8	< 1.1	U	1.1
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	2,700	< 0.84	U	0.84	< 0.96	U	0.96
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	12,000	20	9.2	20	0.92	< 0.71	U	0.71	< 0.78	U	0.78
1,2-Dibromoethane	106-93-4	ug/kg	8,600	5	1.2	5	0.12	< 0.82	U	0.82	< 0.97	U	0.97
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	5,900	< 0.76	U	0.76	< 1	U	1
1,2-Dichloroethane	107-06-2	ug/kg	73,000	500	100	500	10	< 0.58	U	0.58	< 1	U	1
1,2-Dichloropropane	78-87-5	ug/kg	180,000	500	110	500	11	< 0.51	U	0.51	< 1	U	1
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	6,100	< 0.62	U	0.62	< 0.98	U	0.98
1,4-Dichlorobenzene	106-46-7	ug/kg	190,000,000	7,500	10,000	10,000	1,000	< 0.6	U	0.6	< 1	U	1
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	11,000	< 0.84	U	0.84	< 0.9	U	0.9
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.65	U	0.65	< 0.74	U	0.74
4-Methyl-2-pentanone	108-10-1	ug/kg	4,900,000	41,000	6,300	41,000	630	< 0.62	U	0.62	< 0.81	U	0.81
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	11,000	< 4.7	U	4.7	< 4.7	U	4.7

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

Sample Location:				PADEP MSCs Non-Residential				SB-N8			SB-N9		
Sample Date:								05/22/2008			05/13/2008		
Matrix Code:								SO			SO		
Sample Type Code:								N			N		
Start Depth:			Direct Contact	Soil to Groundwater				16			6		
End Depth:			Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL
Benzene	71-43-2	ug/kg	240,000	500	130	500	13	< 0.64	U	0.64	< 0.97	U	0.97
Bromodichloromethane	75-27-4	ug/kg	51,000	10,000	3,400	10,000	340	< 0.53	U	0.53	< 0.91	U	0.91
Bromoform	75-25-2	ug/kg	1,700,000	10,000	4,400	10,000	440	< 0.42	U	0.42	< 0.95	U	0.95
Bromomethane	74-83-9	ug/kg	300,000	1,000	540	1,000	54	< 0.7	U	0.7	< 1.2	U	1.2
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	35,000	< 0.49	U	0.49	< 1.1	U	1.1
Carbon Tetrachloride	56-23-5	ug/kg	120,000	500	260	500	26	< 0.42	U	0.42	< 0.83	U	0.83
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	610	< 0.72	U	0.72	< 1	U	1
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	1,900	< 1.5	U	1.5	< 1.3	U	1.3
Chloroform	67-66-3	ug/kg	19,000	10,000	2,500	10,000	250	< 0.55	U	0.55	< 0.98	U	0.98
Chloromethane	74-87-3	ug/kg	1,000,000	300	38	300	3.8	< 0.81	U	0.81	< 1	U	1
cis-1,2-Dichloroethene	156-59-2	ug/kg	2,100,000	7,000	1,600	7,000	160	< 0.67	U	0.67	< 1	U	1
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.64	U	0.64	< 0.84	U	0.84
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.35	U	0.35	< 0.93	U	0.93
Dibromochloromethane	124-48-1	ug/kg	70,000	10,000	3,200	10,000	320	< 0.67	U	0.67	< 0.86	U	0.86
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	10,000	< 0.63	U	0.63	< 1.2	U	1.2
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	4,600	< 0.61	U	0.61	< 1.1	U	1.1
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	5,300,000	< 1	U	1	< 1.1	U	1.1
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	160,000	< 0.64	U	0.64	< 1	U	1
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	190,000	< 0.85	U	0.85	< 0.99	U	0.99
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.69	U	0.69	< 1	U	1
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,700,000	2,000	280	2,000	28	< 0.71	U	0.71	< 0.86	U	0.86
Methylene Chloride	75-09-2	ug/kg	4,000,000	500	76	500	7.6	0.9	J	0.64	< 0.71	U	0.71
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	2,400	< 0.5	U	0.5	< 1	U	1
Tetrachloroethene	127-18-4	ug/kg	3,300,000	500	430	500	43	< 0.64	U	0.64	< 1.2	U	1.2
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	4,400	< 0.69	U	0.69	< 0.74	U	0.74
trans-1,2-Dichloroethene	156-60-5	ug/kg	4,300,000	10,000	2,300	10,000	230	< 0.56	U	0.56	< 1.1	U	1.1
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 0.57	U	0.57	< 0.81	U	0.81
Trichloroethene	79-01-6	ug/kg	1,100,000	500	170	500	17	< 0.62	U	0.62	< 1	U	1
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 0.87	U	0.87	< 1.5	U	1.5
Vinyl Chloride	75-01-4	ug/kg	220,000	200	27	200	2.7	< 0.44	U	0.44	< 1	U	1
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	99,000	< 2.1	U	2.1	< 3.3	U	3.3
Semivolatile Organic Compounds													
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	610,000	< 3.2	U	3.2	< 3.2	U	3.2
2,4,6-Trichlorophenol	88-06-2	ug/kg	190,000,000	3,100	8,900	8,900	890	< 3.1	U	3.1	< 3.2	U	3.2
2,4-Dichlorophenol	120-83-2	ug/kg	190,000,000	2,000	1,000	2,000	100	< 1.2	U	1.2	< 1.2	U	1.2
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	8,700	< 1.7	U	1.7	< 1.7	U	1.7
2,4-Dinitrophenol	51-28-5	ug/kg	190,000,000	4,100	460	4,100	46	< 46	U	46	< 46	U	46
2,4-Dinitrotoluene	121-14-2	ug/kg	190,000,000	840	200	840	20	< 2	U	2	< 2	U	2
2,6-Dinitrotoluene	606-20-2	ug/kg	190,000,000	10,000	3,000	10,000	300	< 2.5	U	2.5	< 2.5	U	2.5
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	1,800,000	< 2.2	U	2.2	< 2.3	U	2.3

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

Sample Location:			PADEP MSCs Non-Residential					SB-N8			SB-N9		
Sample Date:								05/22/2008			05/13/2008		
Matrix Code:								SO			SO		
Sample Type Code:								N			N		
Start Depth:			Direct Contact	Soil to Groundwater				16			6		
End Depth:			Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL
2-Chlorophenol	95-57-8	ug/kg	1,100,000	4,000	4,400	4,400	440	< 2	U	2	< 2	U	2
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	800,000	< 2.1	U	2.1	< 2.2	U	2.2
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	18,000	< 2.4	U	2.4	< 2.5	U	2.5
2-Nitroaniline	88-74-4	ug/kg	190,000,000	580	100	580	10	< 2.3	U	2.3	< 2.4	U	2.4
2-Nitrophenol	88-75-5	ug/kg	190,000,000	82,000	17,000	82,000	1,700	< 3.1	U	3.1	< 3.1	U	3.1
3,3'-Dichlorobenzidine	91-94-1	ug/kg	190,000,000	580	32,000	32,000	3,200	< 8.7	U	8.7	< 8.8	U	8.8
3-Nitroaniline	99-09-2	ug/kg	190,000,000	580	91	580	9.1	< 3.3	U	3.3	< 3.4	U	3.4
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 27	U	27	< 28	U	28
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.7	U	1.7	< 1.8	U	1.8
4-Chloro-3-methylphenol	59-50-7	ug/kg	190,000,000	51,000	110,000	110,000	11,000	< 2.4	U	2.4	< 2.4	U	2.4
4-Chloroaniline	106-47-8	ug/kg	190,000,000	41,000	52,000	52,000	5,200	< 3.3	U	3.3	< 3.4	U	3.4
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.9	U	1.9	< 1.9	U	1.9
4-Methylphenol	106-44-5	ug/kg	190,000,000	51,000	12,000	51,000	1,200	< 2.4	U	2.4	< 2.5	U	2.5
4-Nitroaniline	100-01-6	ug/kg	190,000,000	580	86	580	8.6	< 1.6	U	1.6	< 1.6	U	1.6
4-Nitrophenol	100-02-7	ug/kg	190,000,000	6,000	4,100	6,000	410	< 3	U	3	< 3.1	U	3.1
Acenaphthene	83-32-9	ug/kg	190,000,000	380,000	4,700,000	4,700,000	470,000	< 2	U	2	< 2	U	2
Acenaphthylene	208-96-8	ug/kg	190,000,000	610,000	6,900,000	6,900,000	690,000	< 2.3	U	2.3	< 2.3	U	2.3
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	54,000	< 2.4	U	2.4	< 2.4	U	2.4
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	35,000	< 2.2	U	2.2	< 2.2	U	2.2
Atrazine	1912-24-9	ug/kg	190,000,000	300	130	300	13	< 2.7	U	2.7	< 2.7	U	2.7
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	7	J	4.1	36	J	4.2
Benzo[a]anthracene	56-55-3	ug/kg	190,000,000	360	320,000	320,000	32,000	< 1.5	U	1.5	< 1.6	U	1.6
Benzo[a]pyrene	50-32-8	ug/kg	190,000,000	20	46,000	46,000	4,600	< 1.2	U	1.2	< 1.2	U	1.2
Benzo[b]fluoranthene	205-99-2	ug/kg	190,000,000	120	170,000	170,000	17,000	2.8	J	1.5	< 1.5	U	1.5
Benzo[g,h,i]perylene	191-24-2	ug/kg	190,000,000	26	180,000	180,000	18,000	< 1.3	U	1.3	1.6	J	1.3
Benzo[k]fluoranthene	207-08-9	ug/kg	190,000,000	55	610,000	610,000	61,000	< 1.2	U	1.2	< 1.3	U	1.3
Biphenyl	92-52-4	ug/kg	190,000,000	510,000	2,200,000	2,200,000	220,000	< 2.1	U	2.1	< 2.2	U	2.2
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 1.8	U	1.8	< 1.8	U	1.8
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,700	55	17	55	1.7	< 0.87	U	0.87	< 0.88	U	0.88
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	190,000	30,000	8,000	30,000	800	< 2.3	U	2.3	< 2.4	U	2.4
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	10,000,000	600	130,000	130,000	13,000	25	J	3	17	J	3
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	1,000,000	6.8	J	3.1	< 3.1	U	3.1
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	15	J	7.3	40		7.4
Carbazole	86-74-8	ug/kg	190,000,000	13,000	83,000	83,000	8,300	< 1.6	U	1.6	< 1.6	U	1.6
Chrysene	218-01-9	ug/kg	190,000,000	190	230,000	230,000	23,000	< 1.5	U	1.5	< 1.6	U	1.6
Dibenzo[a,h]anthracene	53-70-3	ug/kg	190,000,000	36	160,000	160,000	16,000	< 2.5	U	2.5	< 2.5	U	2.5
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	2.8	J	2.1	< 2.2	U	2.2
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	16,000	4	J	3.5	< 3.5	U	3.5
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	N.S.	< 2.2	U	2.2	< 2.2	U	2.2
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	410,000	< 6.4	U	6.4	8.7	J	6.5

TABLE B-1
SUBSURFACE SOIL RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential					SB-N8			SB-N9		
	Sample Date:							05/22/2008			05/13/2008		
	Matrix Code:							SO			SO		
	Sample Type Code:							N			N		
	Start Depth:		Direct Contact	Soil to Groundwater				16			6		
	End Depth:		Subsurface Soil	Used Aquifer,TDS<=2500 mg/l				18			8		
Chemical Name	cas_rn	Units	2-15 feet	100 X GW MSC	Generic Value	Max	1/10 Generic	Result	Qual	RDL	Result	Qual	RDL
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	1,000,000	< 2.7	U	2.7	< 2.7	U	2.7
Fluoranthene	206-44-0	ug/kg	190,000,000	26,000	3,200,000	3,200,000	320,000	4.5	J	2.5	< 2.5	U	2.5
Fluorene	86-73-7	ug/kg	190,000,000	190,000	3,800,000	3,800,000	380,000	< 1.9	U	1.9	< 1.9	U	1.9
Hexachlorobenzene	118-74-1	ug/kg	190,000,000	100	960	960	96	< 2.3	U	2.3	< 2.4	U	2.4
Hexachlorobutadiene	87-68-3	ug/kg	10,000,000	100	1,200	1,200	120	< 2.4	U	2.4	< 2.4	U	2.4
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	9,100	< 1.8	U	1.8	< 1.8	U	1.8
Hexachloroethane	67-72-1	ug/kg	190,000,000	100	560	560	56	< 1.7	U	1.7	< 1.8	U	1.8
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	190,000,000	360	28,000,000	28,000,000	2,800,000	< 1.4	U	1.4	< 1.4	U	1.4
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	190	< 2.2	U	2.2	< 2.2	U	2.2
Naphthalene	91-20-3	ug/kg	190,000,000	10,000	25,000	25,000	2,500	2.1	J	1.9	< 1.9	U	1.9
Nitrobenzene	98-95-3	ug/kg	10,000,000	5,100	2,200	5,100	220	< 0.97	U	0.97	< 0.98	U	0.98
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	10,000,000	37	5.1	37	0.51	< 0.95	U	0.95	< 0.96	U	0.96
N-Nitrosodiphenylamine	86-30-6	ug/kg	190,000,000	53,000	83,000	83,000	8,300	< 2.1	U	2.1	< 2.1	U	2.1
Pentachlorophenol	87-86-5	ug/kg	190,000,000	100	5,000	5,000	500	< 2.9	U	2.9	< 2.9	U	2.9
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	1,000,000	6.1	J	1.9	5	J	1.9
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	6,600	< 2.3	U	2.3	< 2.4	U	2.4
Pyrene	129-00-0	ug/kg	190,000,000	13,000	2,200,000	2,200,000	220,000	2.5	J	2.4	< 2.4	U	2.4

Notes:

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Results not available.

5) PB = Potential Boring (additional boring added)

6) SB = Soil boring

7) MW = Monitoring well boring

8) RDL = Reporting Detection Limit

9) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold.**

10) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics.*

11) Results above 1/10 the PA Non-Residential Soil to Groundwater (used aquifer, TDS<=2500mg/l) Generic MSCs are shown in "GREY".

12) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

13) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

APPENDIX C

VALIDATED SURFACE WATER ANALYTICAL RESULTS
NORTH PLANT

TABLE C-1
SURFACE WATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES, GREENVILLE, PA

Location:			Pennsylvania		SW-N1			SW-N1			SW-N1			SW-N1			SW-N2			SW-N2		
Sample Date:			Surface Water Criteria		6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008		
Sample Type Code:			Criteria Continuous	Criteria Maximum	FD			FD			N			N			N			N		
Matrix Code:			Concentration	Concentration	WS			WS			WS			WS			WS			WS		
Fraction:			(CCC)	(CMC)	D			T			D			T			D			T		
Chemical Name	**cas_rn**	**Units**			**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**
Water Quality Parameters																						
Hardness, Calcium Carbonate	HARDCA	mg/l	N.S.	N.S.	NA	NA	NA	300		1.5	NA	NA	NA	330		7.7	NA	NA	NA	178		1.5
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	NA	NA	NA	387		10	NA	NA	NA	435		10	NA	NA	NA	414		10
Total Suspended Solids	TSS	mg/l	N.S.	N.S.	NA	NA	NA	9.6	J	4	NA	NA	NA	18.8	J	4	NA	NA	NA	< 4	U	4
Total Organic Carbon	TOC	mg/l	N.S.	N.S.	NA	NA	NA	4.2		0.14	NA	NA	NA	4.2		0.14	NA	NA	NA	0.78	J	0.14
Inorganics																						
Aluminum	7429-90-5	ug/l	N.S.	750	< 4.3	B	4.3	340		1.2	< 1.2	U	1.2	557		1.2	2.9	J	1.2	8.4	J	1.2
Antimony	7440-36-0	ug/l	220	1,100	< 1	B	1	1.8	J	0.047	< 1.1	B	1.1	1.5	J	0.047	< 0.31	B	0.31	0.18	J	0.047
Arsenic	7440-38-2	ug/l	150	340	0.56	J	0.14	1.3		0.14	< 0.14	U	0.14	1.3		0.14	0.69	J	0.14	0.19	J	0.14
Barium	7440-39-3	ug/l	4,100	21,000	52		0.076	67.9		0.076	52.4		0.076	78.5		0.076	19.6		0.076	18.4		0.076
Beryllium	7440-41-7	ug/l	N.S.	N.S.	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	0.07	J	0.068	< 0.068	U	0.068	< 0.068	U	0.068
Cadmium	7440-43-9	ug/l	calc	calc	< 0.11	U	0.11	**0.57**	J	0.11	< 0.11	U	0.11	**1.3**		0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	90,500		6.3	91,300		6.3	89,000		6.3	97,600		6.3	52,100		6.3	50,700		6.3
Chromium	7440-47-3	ug/l	calc	calc	< 2.8	B	2.8	34.6		0.11	< 2.7	B	2.7	43.2		0.11	< 2.7	B	2.7	< 2.2	B	2.2
Cobalt	7440-48-4	ug/l	19	95	0.76		0.017	2		0.017	0.69		0.017	2.9		0.017	0.14	J	0.017	0.14	J	0.017
Copper	7440-50-8	ug/l	calc	calc	< 1.2	B	1.2	**29.1**	J	0.14	< 1.3	B	1.3	***49.8***	J	0.14	< 2.1	B	2.1	0.69	J	0.14
Iron	7439-89-6	ug/l	N.S.	N.S.	320		7.4	7,370		7.4	300		7.4	5,850		7.4	< 25.3	B	25.3	168		7.4
Lead	7439-92-1	ug/l	calc	calc	< 0.12	B	0.12	**106**	J	0.02	< 0.14	B	0.14	**193**	J	0.02	< 0.32	B	0.32	0.57	J	0.02
Magnesium	7439-95-4	ug/l	N.S.	N.S.	12,400		3.4	12,600		3.4	12,300		3.4	13,400		3.4	7,020		3.4	6,930		3.4
Manganese	7439-96-5	ug/l	N.S.	N.S.	250		0.047	468		0.047	248		0.047	584		0.047	39.1		0.047	40.4		0.047
Nickel	7440-02-0	ug/l	calc	calc	7.7		0.073	10.1		0.073	5.9		0.073	12		0.073	< 0.53	B	0.53	0.32	J	0.073
Potassium	7440-09-7	ug/l	N.S.	N.S.	7,540		5.6	7,700		5.6	7,430		5.6	8,040		5.6	4,840		5.6	4,680		5.6
Selenium	7782-49-2	ug/l	4.6	N.S.	0.92	J	0.21	0.77	J	0.21	0.98	J	0.21	0.81	J	0.21	1.6	J	0.21	1.2	J	0.21
Silver	7440-22-4	ug/l	N.S.	calc	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	43,500		7	42,600		7	43,100		7	43,800		7	75,000		7	73,200		7
Thallium	7440-28-0	ug/l	13	65	< 0.1	B	0.1	0.1	J	0.018	< 0.16	B	0.16	0.19	J	0.018	< 0.12	B	0.12	0.12	J	0.018
Vanadium	7440-62-2	ug/l	100	510	< 0.097	U	0.097	0.62	J	0.097	0.6	J	0.097	1.3		0.097	0.26	J	0.097	< 0.097	U	0.097
Zinc	7440-66-6	ug/l	calc	calc	63.2		0.6	***295***	J	0.6	58.6		0.6	***558***	J	0.6	< 22.2	B	22.2	4.1	J	0.6
Mercury	7439-97-6	ug/l	0.77	1.4	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055
Cyanide	57-12-5	ug/l	5.2	22	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Pesticides																						
4,4-DDD	72-54-8	ug/l	0.001	1.1	NA	NA	NA	< 0.0076	U	0.0076	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0077	U	0.0077
4,4-DDE	72-55-9	ug/l	0.001	1.1	NA	NA	NA	< 0.0066	U	0.0066	NA	NA	NA	< 0.007	U	0.007	NA	NA	NA	< 0.0068	U	0.0068
4,4-DDT	50-29-3	ug/l	0.001	1.1	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
Aldrin	309-00-2	ug/l	0.1	3	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.012	U	0.012	NA	NA	NA	< 0.011	U	0.011
alpha-BHC	319-84-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.016	U	0.016	NA	NA	NA	< 0.015	U	0.015
alpha-Chlordane	5103-71-9	ug/l	0.0043	2.4	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.012	U	0.012	NA	NA	NA	< 0.011	U	0.011
alpha-Endosulfan	959-98-8	ug/l	0.056	0.22	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0077	U	0.0077	NA	NA	NA	< 0.0074	U	0.0074
beta-BHC	319-85-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014
beta-Endosulfan	33213-65-9	ug/l	0.056	0.22	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.016	U	0.016	NA	NA	NA	< 0.015	U	0.015
delta-BHC	319-86-8	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA	< 0.0098	U	0.0098	NA	NA	NA	< 0.0095	U	0.0095
Dieldrin	60-57-1	ug/l	0.056	0.24	NA	NA	NA	< 0.0078	U	0.0078	NA	NA	NA	< 0.0083	U	0.0083	NA	NA	NA	< 0.008	U	0.008

TABLE C-1
SURFACE WATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES, GREENVILLE, PA

Location:			Pennsylvania		SW-N1			SW-N1			SW-N1			SW-N1			SW-N2			SW-N2		
Sample Date:			Surface Water Criteria		6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008		
Sample Type Code:			Criteria Continuous	Criteria Maximum	FD			FD			N			N			N			N		
Matrix Code:			Concentration	Concentration	WS			WS			WS			WS			WS			WS		
Fraction:			(CCC)	(CMC)	D			T			D			T			D			T		
Chemical Name	**cas_rn**	**Units**			**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**
Endosulfan Sulfate	1031-07-8	ug/l	N.S.	N.S.	NA	NA	NA	< 0.016	U	0.016	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA	< 0.016	U	0.016
Endrin	72-20-8	ug/l	0.036	0.086	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0079	U	0.0079	NA	NA	NA	< 0.0076	U	0.0076
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.012	U	0.012	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.012	U	0.012
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0098	U	0.0098	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA	< 0.010	U	0.01
gamma-BHC	58-89-9	ug/l	N.S.	0.95	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.016	U	0.016	NA	NA	NA	< 0.015	U	0.015
gamma-Chlordane	5566-34-7	ug/l	0.0043	2.4	NA	NA	NA	< 0.0074	U	0.0074	NA	NA	NA	< 0.0079	U	0.0079	NA	NA	NA	< 0.0076	U	0.0076
Heptachlor	76-44-8	ug/l	0.0038	0.52	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
Heptachlor Epoxide	1024-57-3	ug/l	0.0038	0.5	NA	NA	NA	< 0.0097	U	0.0097	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA	< 0.0099	U	0.0099
Methoxychlor	72-43-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.018	U	0.018	NA	NA	NA	< 0.019	U	0.019	NA	NA	NA	< 0.018	U	0.018
Toxaphene	8001-35-2	ug/l	0.0002	0.73	NA	NA	NA	< 0.4	U	0.4	NA	NA	NA	< 0.43	U	0.43	NA	NA	NA	< 0.41	U	0.41
PCBs																						
Aroclor 1016	12674-11-2	ug/l	0.014	N.S.	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1
Aroclor 1221	11104-28-2	ug/l	0.014	N.S.	NA	NA	NA	< 0.098	U	0.098	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1
Aroclor 1232	11141-16-5	ug/l	0.014	N.S.	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12
Aroclor 1242	53469-21-9	ug/l	0.014	N.S.	NA	NA	NA	< 0.073	U	0.073	NA	NA	NA	< 0.077	U	0.077	NA	NA	NA	< 0.074	U	0.074
Aroclor 1248	12672-29-6	ug/l	0.014	N.S.	NA	NA	NA	< 0.089	U	0.089	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA	< 0.091	U	0.091
Aroclor 1254	11097-69-1	ug/l	0.014	N.S.	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA	< 0.092	U	0.092
Aroclor 1260	11096-82-5	ug/l	0.014	N.S.	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA	< 0.054	U	0.054
Volatile Organic Compounds																						
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029
1,2-Dibromoethane	106-93-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021
1,1,1-Trichloroethane	71-55-6	ug/l	610	3,000	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	210	1,000	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
1,1,2-Trichloroethane	79-00-5	ug/l	680	3,400	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
1,1-Dichloroethane	75-34-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19
1,1-Dichloroethene	75-35-4	ug/l	1,500	7,500	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17
1,2,4-Trichlorobenzene	120-82-1	ug/l	26	130	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
1,2-Dichlorobenzene	95-50-1	ug/l	160	820	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.086	U	0.086
1,2-Dichloroethane	107-06-2	ug/l	3,100	15,000	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA	< 0.076	U	0.076
1,2-Dichloropropane	78-87-5	ug/l	2,200	11,000	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.24	U	0.24
1,3-Dichlorobenzene	541-73-1	ug/l	69	350	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1
1,4-Dichlorobenzene	106-46-7	ug/l	150	730	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1
2-Butanone	78-93-3	ug/l	32,000	230,000	NA	NA	NA	< 0.65	U	0.65	NA	NA	NA	0.82	J	0.65	NA	NA	NA	< 0.65	U	0.65
2-Hexanone	591-78-6	ug/l	4,300	21,000	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA	< 0.55	U	0.55
4-Methyl-2-pentanone	108-10-1	ug/l	5,000	26,000	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA	< 0.61	U	0.61
Acetone	67-64-1	ug/l	86,000	450,000	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA	7.2		2.5	NA	NA	NA	2.9	J	2.5
Benzene	71-43-2	ug/l	130	640	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19
Bromodichloromethane	75-27-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.099	U	0.099
Bromoform	75-25-2	ug/l	370	1,800	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.27	U	0.27
Bromomethane	74-83-9	ug/l	N.S.	550	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.18	U	0.18
Carbon Disulfide	75-15-0	ug/l	N.S.	N.S.	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Carbon Tetrachloride	56-23-5	ug/l	560	2,800	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22

TABLE C-1
SURFACE WATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES, GREENVILLE, PA

Location:			Pennsylvania		SW-N1			SW-N1			SW-N1			SW-N1			SW-N2			SW-N2		
Sample Date:			Surface Water Criteria		6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008		
Sample Type Code:			Criteria Continuous	Criteria Maximum	FD			FD			N			N			N			N		
Matrix Code:			Concentration	Concentration	WS			WS			WS			WS			WS			WS		
Fraction:			(CCC)	(CMC)	D			T			D			T			D			T		
Chemical Name	**cas_rn**	**Units**			**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**
Chlorobenzene	108-90-7	ug/l	240	1,200	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA	< 0.33	U	0.33
Chloroethane	75-00-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Chloroform	67-66-3	ug/l	390	1,900	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.068	U	0.068
Chloromethane	74-87-3	ug/l	N.S.	28,000	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.14	U	0.14
cis-1,2-Dichloroethene	156-59-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA	< 0.09	U	0.09
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	310	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.13	U	0.13
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Dibromochloromethane	124-48-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2
Dichlorodifluoromethane	75-71-8	ug/l	N.S.	N.S.	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23
Ethylbenzene	100-41-4	ug/l	580	2,900	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.066	U	0.066
Freon 113	76-13-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.14	U	0.14
Isopropylbenzene	98-82-8	ug/l	N.S.	N.S.	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.27	U	0.27
Methyl Acetate	79-20-9	ug/l	N.S.	N.S.	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.18	U	0.18
Methyl tert-Butyl Ether	1634-04-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.13	U	0.13
Methylene Chloride	75-09-2	ug/l	2,400	12,000	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.21	B	0.21
Styrene	100-42-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.25	U	0.25
Tetrachloroethene	127-18-4	ug/l	140	700	NA	NA	NA	1.9		0.088	NA	NA	NA	1.8		0.088	NA	NA	NA	< 0.088	U	0.088
Toluene	108-88-3	ug/l	330	1,700	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.21	U	0.21
trans-1,2-Dichloroethene	156-60-5	ug/l	1,400	6,800	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA	< 0.097	U	0.097
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	310	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.16	U	0.16
Trichloroethene	79-01-6	ug/l	450	2,300	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
Trichlorofluoromethane	75-69-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17
Vinyl Chloride	75-01-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Xylenes, Total	1330-20-7	ug/l	210	1,100	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2
Semivolatile Organic Compounds																						
2,4,5-Trichlorophenol	95-95-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.063	U	0.063	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA	< 0.06	U	0.06
2,4,6-Trichlorophenol	88-06-2	ug/l	91	460	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA	< 0.055	U	0.055
2,4-Dichlorophenol	120-83-2	ug/l	340	1,700	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047
2,4-Dimethylphenol	105-67-9	ug/l	130	660	NA	NA	NA	0.21	J	0.052	NA	NA	NA	0.24	J	0.051	NA	NA	NA	< 0.05	U	0.05
2,4-Dinitrophenol	51-28-5	ug/l	130	660	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA	< 1.2	U	1.2
2,4-Dinitrotoluene	121-14-2	ug/l	320	1,600	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043
2,6-Dinitrotoluene	606-20-2	ug/l	200	990	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.049	U	0.049
2-Chloronaphthalene	91-58-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042
2-Chlorophenol	95-57-8	ug/l	110	560	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044
2-Methylnaphthalene	91-57-6	ug/l	N.S.	N.S.	NA	NA	NA	0.066	J	0.047	NA	NA	NA	0.054	J	0.046	NA	NA	NA	< 0.045	U	0.045
2-Methylphenol	95-48-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.049	U	0.049
2-Nitroaniline	88-74-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046
2-Nitrophenol	88-75-5	ug/l	1,600	8,000	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.052	U	0.052
3,3'-Dichlorobenzidine	91-94-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.039	U	0.039
3-Nitroaniline	99-09-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	80	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA	< 1.4	U	1.4

TABLE C-1
SURFACE WATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES, GREENVILLE, PA

Location:			Pennsylvania		SW-N1			SW-N1			SW-N1			SW-N1			SW-N2			SW-N2		
Sample Date:			Surface Water Criteria		6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008		
Sample Type Code:			Criteria Continuous	Criteria Maximum	FD			FD			N			N			N			N		
Matrix Code:			Concentration	Concentration	WS			WS			WS			WS			WS			WS		
Fraction:			(CCC)	(CMC)	D			T			D			T			D			T		
Chemical Name	**cas_rn**	**Units**			**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	54	270	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048
4-Chloro-3-methylphenol	59-50-7	ug/l	N.S.	160	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057
4-Chloroaniline	106-47-8	ug/l	N.S.	N.S.	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041
4-Methylphenol	106-44-5	ug/l	N.S.	800	NA	NA	NA	0.13	J	0.074	NA	NA	NA	< 0.072	U	0.072	NA	NA	NA	< 0.071	U	0.071
4-Nitroaniline	100-01-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024
4-Nitrophenol	100-02-7	ug/l	470	2,300	NA	NA	NA	< 0.07	U	0.07	NA	NA	NA	< 0.069	U	0.069	NA	NA	NA	< 0.067	U	0.067
Acenaphthene	83-32-9	ug/l	17	83	NA	NA	NA	0.058	J	0.052	NA	NA	NA	0.051	J	0.051	NA	NA	NA	< 0.05	U	0.05
Acenaphthylene	208-96-8	ug/l	N.S.	N.S.	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044
Acetophenone	98-86-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044
Anthracene	120-12-7	ug/l	N.S.	N.S.	NA	NA	NA	0.1	J	0.051	NA	NA	NA	0.06	J	0.05	NA	NA	NA	< 0.049	U	0.049
Atrazine	1912-24-9	ug/l	N.S.	N.S.	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.052	U	0.052
Benzo[a]anthracene	56-55-3	ug/l	0.1	0.5	NA	NA	NA	***0.52***		0.041	NA	NA	NA	**0.15**	J	0.04	NA	NA	NA	< 0.039	U	0.039
Benzo[a]pyrene	50-32-8	ug/l	N.S.	N.S.	NA	NA	NA	0.33		0.044	NA	NA	NA	0.12	J	0.043	NA	NA	NA	< 0.042	U	0.042
Benzo[b]fluoranthene	205-99-2	ug/l	N.S.	N.S.	NA	NA	NA	0.43		0.031	NA	NA	NA	0.13	J	0.031	NA	NA	NA	< 0.03	U	0.03
Benzo[g,h,i]perylene	191-24-2	ug/l	N.S.	N.S.	NA	NA	NA	0.56	J	0.027	NA	NA	NA	0.058	J	0.027	NA	NA	NA	< 0.026	U	0.026
Benzo[k]fluoranthene	207-08-9	ug/l	N.S.	N.S.	NA	NA	NA	0.56	J	0.039	NA	NA	NA	0.1	J	0.039	NA	NA	NA	< 0.038	U	0.038
Biphenyl	92-52-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.058	U	0.058
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12
Bis(2-chloroethyl) Ether	111-44-4	ug/l	6,000	30,000	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.025	U	0.025
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	910	4,500	NA	NA	NA	0.96	J	0.12	NA	NA	NA	0.76	J	0.12	NA	NA	NA	< 0.11	U	0.11
Butylbenzyl Phthalate	85-68-7	ug/l	35	140	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.13	U	0.13
Caprolactum	105-60-2	ug/l	N.S.	N.S.	NA	NA	NA	1		0.19	NA	NA	NA	2		0.18	NA	NA	NA	1.4		0.18
Carbazole	86-74-8	ug/l	N.S.	N.S.	NA	NA	NA	0.12	J	0.052	NA	NA	NA	0.088	J	0.051	NA	NA	NA	< 0.05	U	0.05
Chrysene	218-01-9	ug/l	N.S.	N.S.	NA	NA	NA	0.52		0.036	NA	NA	NA	0.15	J	0.035	NA	NA	NA	< 0.034	U	0.034
Dibenzo[a,h]anthracene	53-70-3	ug/l	N.S.	N.S.	NA	NA	NA	0.83	J	0.035	NA	NA	NA	0.27	J	0.034	NA	NA	NA	< 0.033	U	0.033
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	NA	NA	NA	0.092	J	0.053	NA	NA	NA	0.064	J	0.052	NA	NA	NA	< 0.051	U	0.051
Diethyl Phthalate	84-66-2	ug/l	800	4,000	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.23	U	0.23
Dimethyl Phthalate	131-11-3	ug/l	500	2,500	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041
Di-n-Butyl Phthalate	84-74-2	ug/l	21	110	NA	NA	NA	0.29	J	0.046	NA	NA	NA	0.22	J	0.045	NA	NA	NA	0.079	J	0.045
Di-n-octyl Phthalate	117-84-0	ug/l	N.S.	N.S.	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041
Fluoranthene	206-44-0	ug/l	40	200	NA	NA	NA	0.37		0.049	NA	NA	NA	0.15	J	0.048	NA	NA	NA	< 0.048	U	0.048
Fluorene	86-73-7	ug/l	N.S.	N.S.	NA	NA	NA	0.087	J	0.054	NA	NA	NA	0.064	J	0.053	NA	NA	NA	< 0.052	U	0.052
Hexachlorobenzene	118-74-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042
Hexachlorobutadiene	87-68-3	ug/l	2	10	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.036	U	0.036
Hexachlorocyclopentadiene	77-47-4	ug/l	1	5	NA	NA	NA	< 0.08	U	0.08	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA	< 0.077	U	0.077
Hexachloroethane	67-72-1	ug/l	12	60	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	N.S.	N.S.	NA	NA	NA	0.7	J	0.048	NA	NA	NA	0.27	J	0.047	NA	NA	NA	< 0.046	U	0.046
Isophorone	78-59-1	ug/l	2,100	10,000	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045
Naphthalene	91-20-3	ug/l	43	140	NA	NA	NA	0.067	J	0.043	NA	NA	NA	0.063	J	0.042	NA	NA	NA	0.051	J	0.041

TABLE C-1
SURFACE WATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES, GREENVILLE, PA

Location:			Pennsylvania Surface Water Criteria		SW-N1			SW-N1			SW-N1			SW-N1			SW-N2			SW-N2		
Sample Date:					6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008			6/10/2008		
Sample Type Code:			Criteria Continuous Concentration (CCC)	Criteria Maximum Concentration (CMC)	FD			FD			N			N			N			N		
Matrix Code:					WS			WS			WS			WS			WS			WS		
Fraction:					D			T			D			T			D			T		
Chemical Name	**cas_rn**	**Units**			**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**	**Result**	**Qual**	**RDL**
Nitrobenzene	98-95-3	ug/l	810	4,000	NA	NA	NA	< 0.064	U	0.064	NA	NA	NA	< 0.063	U	0.063	NA	NA	NA	< 0.061	U	0.061
N-Nitroso-di-n-propylamine	621-64-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057
N-Nitrosodiphenylamine	86-30-6	ug/l	59	300	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047
Pentachlorophenol	87-86-5	ug/l	calc	calc	NA	NA	NA	< 0.083	U	0.083	NA	NA	NA	< 0.081	U	0.081	NA	NA	NA	< 0.08	U	0.08
Phenanthrene	85-01-8	ug/l	1	5	NA	NA	NA	0.34		0.055	NA	NA	NA	0.21		0.054	NA	NA	NA	0.14	J	0.053
Phenol	108-95-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.022	U	0.022	NA	NA	NA	< 0.022	U	0.022	NA	NA	NA	< 0.021	U	0.021
Pyrene	129-00-0	ug/l	N.S.	N.S.	NA	NA	NA	0.39		0.057	NA	NA	NA	0.18	J	0.055	NA	NA	NA	< 0.054	U	0.054

Notes

1) N.S. = No Standard

2) N = Primary sample

3) FD = Field Duplicate

4) NA = Not analyzed

5) WS = Surface water

6) RDL = Reporting Detection Limit

7) SWQS = Surface Water Quality Standard

8) Calc = Calculated SWQS value

9) Results above the SWQS Criteria Continuous Concentrations are shown in **bold.**

10) Results above the SWQS Criteria Maximum Concentration are shown in *italics.*

11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

Appendix D

Validated Sediment Analytical Results North Plant

TABLE D-1
SEDIMENT RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential				SS-N1		
	Sample Date:						6/10/2008		
	Sample Type Code:						N		
	Start Depth:						0		
	End Depth:		Direct Contact	Soil to Groundwater			0.1		
	Matrix Code:		Surface Soil	Used Aquifer,TDS<=2500 mg/l			SE		
Chemical Name	cas_rn	Units	0-2 feet	100 X GW MSC	Generic Value	Max	Result	Qual	RDL
Inorganics									
Aluminum	7429-90-5	mg/kg	190,000	N.S.	N.S.	N.S.	5,150		0.31
Antimony	7440-36-0	mg/kg	1,100	0.6	27	27	6.2		0.0044
Arsenic	7440-38-2	mg/kg	53	5	150	150	16.7	K	0.022
Barium	7440-39-3	mg/kg	190,000	200	8,200	8,200	376	K	0.01
Beryllium	7440-41-7	mg/kg	5,600	0.4	320	320	0.52	J	0.0049
Cadmium	7440-43-9	mg/kg	210	0.5	38	38	3.9		0.012
Calcium	7440-70-2	mg/kg	N.S.	N.S.	N.S.	N.S.	69,200		2.4
Chromium	7440-47-3	mg/kg	190,000	10	190,000	190,000	3,910		0.11
Cobalt	7440-48-4	mg/kg	56,000	200	22	200	76.2	L	0.0033
Copper	7440-50-8	mg/kg	100,000	100	36,000	36,000	423		0.011
Iron	7439-89-6	mg/kg	190,000	N.S.	N.S.	N.S.	164,000		3.9
Lead	7439-92-1	mg/kg	1,000	0.5	450	450	***7,300***		0.045
Magnesium	7439-95-4	mg/kg	N.S.	N.S.	N.S.	N.S.	5,380	L	0.51
Manganese	7439-96-5	mg/kg	190,000	N.S.	N.S.	N.S.	5,190		0.19
Nickel	7440-02-0	mg/kg	56,000	10	650	650	77.9	K	0.0091
Potassium	7440-09-7	mg/kg	N.S.	N.S.	N.S.	N.S.	1,550		1.3
Selenium	7782-49-2	mg/kg	14,000	5	26	26	0.77	L	0.054
Silver	7440-22-4	mg/kg	14,000	10	84	84	0.47	J	0.0032
Sodium	7440-23-5	mg/kg	N.S.	N.S.	N.S.	N.S.	522		0.97
Thallium	7440-28-0	mg/kg	200	0.2	14	14	0.14		0.0027
Vanadium	7440-62-2	mg/kg	20,000	72	72,000	72,000	< 0.077	U	0.077
Zinc	7440-66-6	mg/kg	190,000	200	12,000	12,000	6,620		0.16
Mercury	7439-97-6	mg/kg	840	0.2	10	10	0.12		0.0095
Cyanide	57-12-5	mg/kg	56,000	20	200	200	0.42	J	0.13
Total Organic Carbon	TOC	mg/kg	N.S.	N.S.	N.S.	N.S.	22,200		89.4
Pesticides									
4,4-DDD	72-54-8	ug/kg	330,000	270	30,000	30,000	< 5	U	5
4,4-DDE	72-55-9	ug/kg	230,000	760	170,000	170,000	< 3.3	U	3.3
4,4-DDT	50-29-3	ug/kg	230,000	550	330,000	330,000	< 7.6	U	7.6
Aldrin	309-00-2	ug/kg	4,700	3.7	440	440	< 5.9	U	5.9
alpha-BHC	319-84-6	ug/kg	13,000	41	190	190	< 8.5	U	8.5
alpha-Chlordane	5103-71-9	ug/kg	230,000	200	49,000	49,000	< 3.5	U	3.5
alpha-Endosulfan	959-98-8	ug/kg	17,000,000	50,000	260,000	260,000	< 5.8	U	5.8
beta-BHC	319-85-7	ug/kg	44,000	140	820	820	< 6.5	U	6.5
beta-Endosulfan	33213-65-9	ug/kg	17,000,000	45,000	260,000	260,000	< 13	U	13
delta-BHC	319-86-8	ug/kg	1,700,000	6,100	30,000	30,000	NA	NA	NA
Dieldrin	60-57-1	ug/kg	5,000	16	440	440	< 4.1	U	4.1
Endosulfan Sulfate	1031-07-8	ug/kg	17,000,000	12,000	70,000	70,000	< 9	U	9
Endrin	72-20-8	ug/kg	840,000	200	5,500	5,500	< 4.4	U	4.4

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SEDIMENT RESULTS
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TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential				SS-N1		
	Sample Date:						6/10/2008		
	Sample Type Code:						N		
	Start Depth:						0		
	End Depth:		Direct Contact	Soil to Groundwater			0.1		
	Matrix Code:		Surface Soil	Used Aquifer,TDS<=2500 mg/l			SE		
Chemical Name	**cas_rn**	**Units**	**0-2 feet**	**100 X GW MSC**	**Generic Value**	**Max**	**Result**	**Qual**	**RDL**
Endrin Aldehyde	7421-93-4	ug/kg	N.S.	N.S.	N.S.	N.S.	< 7.1	U	7.1
Endrin Ketone	53494-70-5	ug/kg	N.S.	N.S.	N.S.	N.S.	< 6.5	U	6.5
gamma-BHC	58-89-9	ug/kg	61,000	20	72	72	30	J	7.7
gamma-Chlordane	5566-34-7	ug/kg	230,000	200	49,000	49,000	< 19	B	19
Heptachlor	76-44-8	ug/kg	18,000	40	680	680	< 7.1	U	7.1
Heptachlor Epoxide	1024-57-3	ug/kg	8,700	20	1,100	1,100	< 5.6	U	5.6
Methoxychlor	72-43-5	ug/kg	14,000,000	4,000	630,000	630,000	< 23	U	23
Toxaphene	8001-35-2	ug/kg	72,000	300	1,200	1,200	< 390	U	390
PCBs									
Aroclor 1016	12674-11-2	ug/kg	200,000	720	200,000	200,000	< 17	U	17
Aroclor 1221	11104-28-2	ug/kg	160,000	520	2,500	2,500	< 21	U	21
Aroclor 1232	11141-16-5	ug/kg	160,000	520	2,000	2,000	*2,600*		19
Aroclor 1242	53469-21-9	ug/kg	160,000	520	62,000	62,000	< 18	U	18
Aroclor 1248	12672-29-6	ug/kg	44,000	140	67,000	67,000	< 11	U	11
Aroclor 1254	11097-69-1	ug/kg	44,000	140	280,000	280,000	640		16
Aroclor 1260	11096-82-5	ug/kg	130,000	430	1,900,000	1,900,000	350		16
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	ug/kg	10,000,000	20,000	7,200	20,000	< 0.58	U	0.58
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	28,000	30	9.3	30	< 0.85	U	0.85
1,1,2-Trichloroethane	79-00-5	ug/kg	100,000	500	150	500	< 0.99	U	0.99
1,1-Dichloroethane	75-34-3	ug/kg	1,000,000	11,000	2,700	11,000	< 0.68	U	0.68
1,1-Dichloroethene	75-35-4	ug/kg	33,000	700	190	700	< 1	U	1
1,2,4-Trichlorobenzene	120-82-1	ug/kg	10,000,000	7,000	27,000	27,000	< 1	U	1
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	11,000	20	9.2	20	< 0.89	U	0.89
1,2-Dibromoethane	106-93-4	ug/kg	930	5	1.2	5	< 1	U	1
1,2-Dichlorobenzene	95-50-1	ug/kg	10,000,000	60,000	59,000	60,000	< 0.95	U	0.95
1,2-Dichloroethane	107-06-2	ug/kg	63,000	500	100	500	< 0.73	U	0.73
1,2-Dichloropropane	78-87-5	ug/kg	160,000	500	110	500	< 0.64	U	0.64
1,3-Dichlorobenzene	541-73-1	ug/kg	10,000,000	60,000	61,000	61,000	< 0.78	U	0.78
1,4-Dichlorobenzene	106-46-7	ug/kg	3,300,000	7,500	10,000	10,000	< 0.76	U	0.76
2-Butanone	78-93-3	ug/kg	10,000,000	580,000	110,000	580,000	< 1	U	1
2-Hexanone	591-78-6	ug/kg	N.S.	N.S.	N.S.	N.S.	< 0.82	U	0.82
4-Methyl-2-pentanone	108-10-1	ug/kg	4,300,000	41,000	6,300	41,000	< 0.77	U	0.77
Acetone	67-64-1	ug/kg	10,000,000	1,000,000	110,000	1,000,000	6.9	J	5.9
Benzene	71-43-2	ug/kg	210,000	500	130	500	< 0.8	U	0.8
Bromodichloromethane	75-27-4	ug/kg	45,000	10,000	3,400	10,000	< 0.67	U	0.67
Bromoform	75-25-2	ug/kg	1,500,000	10,000	4,400	10,000	< 0.53	U	0.53
Bromomethane	74-83-9	ug/kg	270,000	1,000	540	1,000	< 0.88	U	0.88
Carbon Disulfide	75-15-0	ug/kg	10,000,000	410,000	350,000	410,000	< 0.61	U	0.61
Carbon Tetrachloride	56-23-5	ug/kg	110,000	500	260	500	< 0.53	U	0.53

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TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:			PADEP MSCs Non-Residential			SS-N1		
	Sample Date:						6/10/2008		
	Sample Type Code:						N		
	Start Depth:						0		
	End Depth:		Direct Contact	Soil to Groundwater			0.1		
	Matrix Code:		Surface Soil	Used Aquifer,TDS<=2500 mg/l			SE		
Chemical Name	**cas_rn**	**Units**	**0-2 feet**	**100 X GW MSC**	**Generic Value**	**Max**	**Result**	**Qual**	**RDL**
Chlorobenzene	108-90-7	ug/kg	10,000,000	10,000	6,100	10,000	< 0.9	U	0.9
Chloroethane	75-00-3	ug/kg	10,000,000	90,000	19,000	90,000	< 1.8	U	1.8
Chloroform	67-66-3	ug/kg	17,000	10,000	2,500	10,000	< 0.69	U	0.69
Chloromethane	74-87-3	ug/kg	920,000	300	38	300	< 1	U	1
cis-1,2-Dichloroethene	156-59-2	ug/kg	1,900,000	7,000	1,600	7,000	< 0.84	U	0.84
cis-1,3-Dichloropropene	10061-01-5	ug/kg	N.S.	N.S.	N.S.	N.S.	< 0.8	U	0.8
Cyclohexane	110-82-7	ug/kg	N.S.	N.S.	N.S.	N.S.	< 0.44	U	0.44
Dibromochloromethane	124-48-1	ug/kg	61,000	10,000	3,200	10,000	< 0.84	U	0.84
Dichlorodifluoromethane	75-71-8	ug/kg	10,000,000	100,000	100,000	100,000	< 0.79	U	0.79
Ethylbenzene	100-41-4	ug/kg	10,000,000	70,000	46,000	70,000	< 0.76	U	0.76
Freon 113	76-13-1	ug/kg	190,000,000	17,000,000	53,000,000	53,000,000	< 1.3	U	1.3
Isopropylbenzene	98-82-8	ug/kg	10,000,000	230,000	1,600,000	1,600,000	< 0.81	U	0.81
Methyl Acetate	79-20-9	ug/kg	10,000,000	10,000,000	1,900,000	10,000,000	< 1.1	U	1.1
Methyl Cyclohexane	108-87-2	ug/kg	N.S.	N.S.	N.S.	N.S.	< 0.86	U	0.86
Methyl tert-Butyl Ether	1634-04-4	ug/kg	3,200,000	2,000	280	2,000	< 0.89	U	0.89
Methylene Chloride	75-09-2	ug/kg	3,500,000	500	76	500	< 0.8	U	0.8
Styrene	100-42-5	ug/kg	10,000,000	10,000	24,000	24,000	< 0.63	U	0.63
Tetrachloroethene	127-18-4	ug/kg	1,500,000	500	430	500	< 0.81	U	0.81
Toluene	108-88-3	ug/kg	10,000,000	100,000	44,000	100,000	< 0.87	U	0.87
trans-1,2-Dichloroethene	156-60-5	ug/kg	3,700,000	10,000	2,300	10,000	< 0.71	U	0.71
trans-1,3-Dichloropropene	10061-02-6	ug/kg	N.S.	N.S.	N.S.	N.S.	< 0.71	U	0.71
Trichloroethene	79-01-6	ug/kg	970,000	500	170	500	< 0.78	U	0.78
Trichlorofluoromethane	75-69-4	ug/kg	10,000,000	200,000	87,000	200,000	< 1.1	U	1.1
Vinyl Chloride	75-01-4	ug/kg	53,000	200	27	200	< 0.56	U	0.56
Xylenes, Total	1330-20-7	ug/kg	10,000,000	1,000,000	990,000	1,000,000	< 2.7	U	2.7
Semivolatile Organic Compounds									
2,4,5-Trichlorophenol	95-95-4	ug/kg	190,000,000	1,000,000	6,100,000	6,100,000	< 73	U	73
2,4,6-Trichlorophenol	88-06-2	ug/kg	840,000	3,100	8,900	8,900	< 71	U	71
2,4-Dichlorophenol	120-83-2	ug/kg	8,400,000	2,000	1,000	2,000	< 26	U	26
2,4-Dimethylphenol	105-67-9	ug/kg	10,000,000	200,000	87,000	200,000	< 38	U	38
2,4-Dinitrophenol	51-28-5	ug/kg	5,600,000	4,100	460	4,100	< 1000	U	1000
2,4-Dinitrotoluene	121-14-2	ug/kg	260,000	840	200	840	< 46	U	46
2,6-Dinitrotoluene	606-20-2	ug/kg	2,800,000	10,000	3,000	10,000	< 57	U	57
2-Chloronaphthalene	91-58-7	ug/kg	190,000,000	820,000	18,000,000	18,000,000	< 51	U	51
2-Chlorophenol	95-57-8	ug/kg	920,000	4,000	4,400	4,400	< 45	U	45
2-Methylnaphthalene	91-57-6	ug/kg	10,000,000	200,000	8,000,000	8,000,000	140	J	49
2-Methylphenol	95-48-7	ug/kg	10,000,000	510,000	180,000	510,000	< 55	U	55
2-Nitroaniline	88-74-4	ug/kg	160,000	580	100	580	< 53	U	53
2-Nitrophenol	88-75-5	ug/kg	22,000,000	82,000	17,000	82,000	< 70	U	70
3,3'-Dichlorobenzidine	91-94-1	ug/kg	180,000	580	32,000	32,000	< 200	U	200

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	Sample Location:		PADEP MSCs Non-Residential				SS-N1		
	Sample Date:						6/10/2008		
	Sample Type Code:						N		
	Start Depth:						0		
	End Depth:		Direct Contact	Soil to Groundwater			0.1		
	Matrix Code:		Surface Soil	Used Aquifer,TDS<=2500 mg/l			SE		
Chemical Name	cas_rn	Units	0-2 feet	100 X GW MSC	Generic Value	Max	Result	Qual	RDL
3-Nitroaniline	99-09-2	ug/kg	160,000	580	91	580	< 76	U	76
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	N.S.	N.S.	N.S.	N.S.	< 620	U	620
4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	N.S.	N.S.	N.S.	N.S.	< 40	U	40
4-Chloro-3-methylphenol	59-50-7	ug/kg	14,000,000	51,000	110,000	110,000	< 54	U	54
4-Chloroaniline	106-47-8	ug/kg	11,000,000	41,000	52,000	52,000	< 76	U	76
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	N.S.	N.S.	N.S.	N.S.	< 44	U	44
4-Methylphenol	106-44-5	ug/kg	14,000,000	51,000	12,000	51,000	< 55	U	55
4-Nitroaniline	100-01-6	ug/kg	160,000	580	86	580	< 37	U	37
4-Nitrophenol	100-02-7	ug/kg	22,000,000	6,000	4,100	6,000	< 69	U	69
Acenaphthene	83-32-9	ug/kg	170,000,000	380,000	4,700,000	4,700,000	100	J	46
Acenaphthylene	208-96-8	ug/kg	170,000,000	610,000	6,900,000	6,900,000	62	J	51
Acetophenone	98-86-2	ug/kg	10,000,000	1,000,000	540,000	1,000,000	530	J	54
Anthracene	120-12-7	ug/kg	190,000,000	6,600	350,000	350,000	110	J	50
Atrazine	1912-24-9	ug/kg	360,000	300	130	300	< 61	U	61
Benzaldehyde	100-52-7	ug/kg	N.S.	N.S.	N.S.	N.S.	150	J	94
Benzo[a]anthracene	56-55-3	ug/kg	110,000	360	320,000	320,000	210		35
Benzo[a]pyrene	50-32-8	ug/kg	11,000	20	46,000	46,000	170	J	27
Benzo[b]fluoranthene	205-99-2	ug/kg	110,000	120	170,000	170,000	400		34
Benzo[g,h,i]perylene	191-24-2	ug/kg	170,000,000	26	180,000	180,000	230		30
Benzo[k]fluoranthene	207-08-9	ug/kg	1,100,000	55	610,000	610,000	< 28	U	28
Biphenyl	92-52-4	ug/kg	140,000,000	510,000	2,200,000	2,200,000	< 49	U	49
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	N.S.	N.S.	N.S.	N.S.	< 41	U	41
Bis(2-chloroethyl) Ether	111-44-4	ug/kg	5,000	55	17	55	< 20	U	20
Bis(2-chloroisopropyl) Ether	108-60-1	ug/kg	160,000	30,000	8,000	30,000	< 53	U	53
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/kg	5,700,000	600	130,000	130,000	2,600		68
Butylbenzyl Phthalate	85-68-7	ug/kg	10,000,000	270,000	10,000,000	10,000,000	4,900		71
Caprolactum	105-60-2	ug/kg	N.S.	N.S.	N.S.	N.S.	< 170	U	170
Carbazole	86-74-8	ug/kg	4,000,000	13,000	83,000	83,000	69	J	36
Chrysene	218-01-9	ug/kg	11,000,000	190	230,000	230,000	350		35
Dibenzo[a,h]anthracene	53-70-3	ug/kg	11,000	36	160,000	160,000	180		56
Dibenzofuran	132-64-9	ug/kg	N.S.	N.S.	N.S.	N.S.	110	J	49
Diethyl Phthalate	84-66-2	ug/kg	10,000,000	500,000	160,000	500,000	< 79	U	79
Dimethyl Phthalate	131-11-3	ug/kg	N.S.	N.S.	N.S.	N.S.	< 50	U	50
Di-n-Butyl Phthalate	84-74-2	ug/kg	10,000,000	1,000,000	4,100,000	4,100,000	< 150	U	150
Di-n-octyl Phthalate	117-84-0	ug/kg	10,000,000	200,000	10,000,000	10,000,000	< 62	U	62
Fluoranthene	206-44-0	ug/kg	110,000,000	26,000	3,200,000	3,200,000	610		57
Fluorene	86-73-7	ug/kg	110,000,000	190,000	3,800,000	3,800,000	98	J	43
Hexachlorobenzene	118-74-1	ug/kg	50,000	100	960	960	< 53	U	53
Hexachlorobutadiene	87-68-3	ug/kg	560,000	100	1,200	1,200	< 54	U	54
Hexachlorocyclopentadiene	77-47-4	ug/kg	10,000,000	5,000	91,000	91,000	< 41	U	41

TABLE D-1
SEDIMENT RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs Non-Residential				SS-N1		
	Sample Date:						6/10/2008		
	Sample Type Code:						N		
	Start Depth:						0		
	End Depth:		Direct Contact	Soil to Groundwater			0.1		
	Matrix Code:		Surface Soil	Used Aquifer,TDS<=2500 mg/l			SE		
Chemical Name	**cas_rn**	**Units**	**0-2 feet**	**100 X GW MSC**	**Generic Value**	**Max**	**Result**	**Qual**	**RDL**
Hexachloroethane	67-72-1	ug/kg	2,800,000	100	560	560	< 40	U	40
Indeno[1,2,3-cd]pyrene	193-39-5	ug/kg	110,000	360	28,000,000	28,000,000	290		31
Isophorone	78-59-1	ug/kg	10,000,000	10,000	1,900	10,000	< 49	U	49
Naphthalene	91-20-3	ug/kg	56,000,000	10,000	25,000	25,000	130	J	43
Nitrobenzene	98-95-3	ug/kg	1,400,000	5,100	2,200	5,100	< 22	U	22
N-Nitroso-di-n-propylamine	621-64-7	ug/kg	11,000	37	5.1	37	< 22	U	22
N-Nitrosodiphenylamine	86-30-6	ug/kg	16,000,000	53,000	83,000	83,000	< 48	U	48
Pentachlorophenol	87-86-5	ug/kg	660,000	100	5,000	5,000	< 66	U	66
Phenanthrene	85-01-8	ug/kg	190,000,000	110,000	10,000,000	10,000,000	620		42
Phenol	108-95-2	ug/kg	190,000,000	400,000	66,000	400,000	80	J	53
Pyrene	129-00-0	ug/kg	84,000,000	13,000	2,200,000	2,200,000	550		54

Notes

1) N.S. = No Standard

2) N = Primary sample

3) NA = Results not available.

4) SE = Sediment sample

5) RDL = Reporting Detection Limit

6) Results above the PA Non-Residential Direct Contact (0-2 ft) Values are shown in **bold**.

7) Results above the PA Non-Residential Soil to Groundwater (Used Aquifer, TDS <= 2500mg/L) Max MSCs are shown in *italics*.

8) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

9) Chromium concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for Chromium III (CASRN 1606-58-31).

APPENDIX E

VALIDATED GROUNDWATER ANALYTICAL RESULTS NORTH PLANT

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N1			MW-N1			MW-N1			MW-N1			MW-N2		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/10/2008			09/10/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	< 3.1	B	3.1	< 48.3	B	48.3	< 5.1	B	5.1	< 40	B	40	< 1.3	B	1.3
Antimony	7440-36-0	ug/l	6	6	0.57	J	0.047	< 0.51	B	0.51	0.38	J	0.047	0.38	J	0.047	< 0.047	U	0.047
Arsenic	7440-38-2	ug/l	10	10	8.6	J	0.14	7.9		0.14	***11.1***		0.14	***12.3***		0.14	0.85	J	0.14
Barium	7440-39-3	ug/l	2,000	2,000	99.1		0.076	98.6		0.076	151		0.076	158		0.076	36.2		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	136,000		6.3	137,000		6.3	163,000		6.3	163,000		6.3	99,300		6.3
Chromium	7440-47-3	ug/l	100	100	< 2.9	B	2.9	< 2.9	B	2.9	< 3.6	B	3.6	< 4.2	B	4.2	< 3.2	B	3.2
Cobalt	7440-48-4	ug/l	730	2,000	1.4		0.017	1.4		0.017	1.7		0.017	1.8		0.017	0.48	J	0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 0.83	B	0.83	< 1.6	B	1.6	< 0.81	B	0.81	< 1.2	B	1.2	< 0.7	B	0.7
Iron	7439-89-6	ug/l	N.S.	N.S.	13,800		7.4	13,800		7.4	20,400		7.4	22,500		7.4	< 252	B	252
Lead	7439-92-1	ug/l	5	5	< 0.27	B	0.27	< 3.3	B	3.3	0.41	J	0.02	1.8		0.02	< 0.31	B	0.31
Magnesium	7439-95-4	ug/l	N.S.	N.S.	17,200		3.4	16,800		3.4	16,400		3.4	16,800		3.4	17,500		3.4
Manganese	7439-96-5	ug/l	300	300	***834***		0.047	***843***		0.047	***832***		0.047	***860***		0.047	***495***		0.047
Nickel	7440-02-0	ug/l	100	100	< 3.5	B	3.5	< 3.3	B	3.3	3.9		0.073	4.2		0.073	< 1	B	1
Potassium	7440-09-7	ug/l	N.S.	N.S.	14,800		5.6	15,100		5.6	17,400	J	5.6	16,900	J	5.6	4,170		5.6
Selenium	7782-49-2	ug/l	50	50	< 0.21	U	0.21	0.23	J	0.21	< 0.32	B	0.32	< 0.27	B	0.27	< 0.21	U	0.21
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	17,000		7	17,300		7	13,500		7	13,900		7	61,000		7
Thallium	7440-28-0	ug/l	2	2	< 0.033	B	0.033	< 0.042	B	0.042	< 0.14	B	0.14	0.15	J	0.018	< 0.018	U	0.018
Vanadium	7440-62-2	ug/l	260	720	< 0.16	B	0.16	< 0.14	B	0.14	< 0.35	B	0.35	< 1.5	B	1.5	< 0.47	B	0.47
Zinc	7440-66-6	ug/l	2,000	2,000	< 7.3	B	7.3	< 6.9	B	6.9	< 8	B	8	< 6.6	B	6.6	< 5.6	B	5.6
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	1.7	J	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	NA	NA	NA	602		10	NA	NA	NA	722		10	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	NA	NA	NA	< 0.0076	U	0.0076	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA
4,4-DDE	72-55-9	ug/l	1.9	7.6	NA	NA	NA	< 0.0066	U	0.0066	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA
4,4-DDT	50-29-3	ug/l	1.9	5.5	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA
Aldrin	309-00-2	ug/l	0.0087	0.037	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
alpha-BHC	319-84-6	ug/l	0.1	0.41	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/l	2	2	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/l	220	500	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0070	U	0.007	NA	NA	NA
beta-BHC	319-85-7	ug/l	0.37	1.4	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/l	220	450	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
delta-BHC	319-86-8	ug/l	22	61	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA	< 0.0090	U	0.009	NA	NA	NA
Dieldrin	60-57-1	ug/l	0.041	0.16	NA	NA	NA	< 0.0078	U	0.0078	NA	NA	NA	< 0.0076	U	0.0076	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/l	120	120	NA	NA	NA	< 0.016	U	0.016	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA
Endrin	72-20-8	ug/l	2	2	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.012	U	0.012	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0098	U	0.0098	NA	NA	NA	< 0.0095	U	0.0095	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N1			MW-N1			MW-N1			MW-N1			MW-N2		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/10/2008			09/10/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/l	2	2	NA	NA	NA	< 0.0074	U	0.0074	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA
Heptachlor	76-44-8	ug/l	0.4	0.4	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	NA	NA	NA	< 0.0097	U	0.0097	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA
Methoxychlor	72-43-5	ug/l	40	40	NA	NA	NA	< 0.018	U	0.018	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA
Toxaphene	8001-35-2	ug/l	3	3	NA	NA	NA	< 0.4	U	0.4	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	NA	NA	NA	< 0.098	U	0.098	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	NA	NA	NA	< 0.073	U	0.073	NA	NA	NA	< 0.074	U	0.074	NA	NA	NA
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	NA	NA	NA	< 0.089	U	0.089	NA	NA	NA	< 0.091	U	0.091	NA	NA	NA
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA	< 0.092	U	0.092	NA	NA	NA
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/l	27	110	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
1,1-Dichloroethene	75-35-4	ug/l	7	7	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.28	U	0.28	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/l	5	5	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/l	5	5	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
2-Butanone	78-93-3	ug/l	4,000	4,000	NA	NA	NA	< 0.65	U	0.65	NA	NA	NA	1.3	J	0.5	NA	NA	NA
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA	< 0.53	U	0.53	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Acetone	67-64-1	ug/l	3,700	10,000	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA	< 9	B	9	NA	NA	NA
Benzene	71-43-2	ug/l	5	5	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
Bromodichloromethane	75-27-4	ug/l	100	100	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
Bromoform	75-25-2	ug/l	80	80	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
Bromomethane	74-83-9	ug/l	10	10	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
Carbon Tetrachloride	56-23-5	ug/l	5	5	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Chlorobenzene	108-90-7	ug/l	100	100	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Chloroethane	75-00-3	ug/l	230	900	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
Chloroform	67-66-3	ug/l	80	80	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
Chloromethane	74-87-3	ug/l	30	30	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N1			MW-N1			MW-N1			MW-N1			MW-N2		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/10/2008			09/10/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Dibromochloromethane	124-48-1	ug/l	80	80	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.26	U	0.26	NA	NA	NA
Ethylbenzene	100-41-4	ug/l	700	700	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Freon 113	76-13-1	ug/l	83,000	170,000	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Methyl Acetate	79-20-9	ug/l	37,000	100,000	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
Methylene Chloride	75-09-2	ug/l	5	5	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA
Styrene	100-42-5	ug/l	100	100	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Tetrachloroethene	127-18-4	ug/l	5	5	NA	NA	NA	0.11	J	0.088	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
Toluene	108-88-3	ug/l	1,000	1,000	NA	NA	NA	0.23	J	0.21	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Trichloroethene	79-01-6	ug/l	5	5	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.080	U	0.08	NA	NA	NA
Vinyl Chloride	75-01-4	ug/l	2	2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.62	U	0.62	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	20	20	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/l	19	41	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
2-Chlorophenol	95-57-8	ug/l	40	40	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
2-Methylphenol	95-48-7	ug/l	1,800	5,100	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
2-Nitrophenol	88-75-5	ug/l	290	820	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N1			MW-N1			MW-N1			MW-N1			MW-N2		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/10/2008			09/10/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA
4-Chloroaniline	106-47-8	ug/l	150	410	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA
4-Methylphenol	106-44-5	ug/l	180	510	NA	NA	NA	< 0.071	U	0.071	NA	NA	NA	< 0.070	U	0.07	NA	NA	NA
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA
4-Nitrophenol	100-02-7	ug/l	60	60	NA	NA	NA	< 0.067	U	0.067	NA	NA	NA	< 0.067	U	0.067	NA	NA	NA
Acenaphthene	83-32-9	ug/l	2,200	3,800	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA
Acenaphthylene	208-96-8	ug/l	2,200	6,100	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
Acetophenone	98-86-2	ug/l	3,700	10,000	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
Anthracene	120-12-7	ug/l	66	66	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
Atrazine	1912-24-9	ug/l	3	3	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	NA	NA	NA	< 0.03	U	0.03	NA	NA	NA	< 0.030	U	0.03	NA	NA	NA
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA
Biphenyl	92-52-4	ug/l	1,800	5,100	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	NA	NA	NA	< 8	B	8	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	NA	NA	NA	< 1.3	B	1.3	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA
Caprolactum	105-60-2	ug/l	N.S.	N.S.	NA	NA	NA	< 3.1	B	3.1	NA	NA	NA	< 4.2	B	4.2	NA	NA	NA
Carbazole	86-74-8	ug/l	33	130	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA
Chrysene	218-01-9	ug/l	1.9	1.9	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	0.067	J	0.051	NA	NA	NA
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	NA	NA	NA	< 0.51	B	0.51	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Fluoranthene	206-44-0	ug/l	260	260	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA
Fluorene	86-73-7	ug/l	1,500	1,900	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	0.061	J	0.051	NA	NA	NA
Hexachlorobenzene	118-74-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	1	1	NA	NA	NA	< 0.036	U	0.036	NA	NA	NA	< 0.036	U	0.036	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	NA	NA	NA	< 0.077	U	0.077	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA
Hexachloroethane	67-72-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Isophorone	78-59-1	ug/l	100	100	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Naphthalene	91-20-3	ug/l	100	100	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	0.05	J	0.041	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N1			MW-N1			MW-N1			MW-N1			MW-N2		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/10/2008			09/10/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA
N-Nitroso-di-n-propylamine	621-64-7	ug/l	0.094	0.37	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
Pentachlorophenol	87-86-5	ug/l	1	1	NA	NA	NA	< 0.08	U	0.08	NA	NA	NA	< 0.079	U	0.079	NA	NA	NA
Phenanthrene	85-01-8	ug/l	1,100	1,100	NA	NA	NA	< 0.1	B	0.1	NA	NA	NA	0.12	J	0.052	NA	NA	NA
Phenol	108-95-2	ug/l	4,000	4,000	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA
Pyrene	129-00-0	ug/l	130	130	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA

Notes:

1) N.S. = No Standard

2) N = Primary Sample

3) FD = Field Duplicate

4) NA = Results not available.

5) T = Total Results

6) D = Dissolved Results

7) RDL = Reporting Detection Limit

8) WG = Groundwater

9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics.*

10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**

11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N2			MW-N2			MW-N2			MW-N3			MW-N3		
	Sample Date:		Used Aquifers		07/08/2008			09/10/2008			09/10/2008			07/08/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2S00		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	< 188	B	188	< 1.9	B	1.9	139		1.2	< 1.3	B	1.3	1,490		1.2
Antimony	7440-36-0	ug/l	6	6	< 0.07	B	0.07	0.086	J	0.047	0.078	J	0.047	< 0.047	U	0.047	< 0.14	B	0.14
Arsenic	7440-38-2	ug/l	10	10	1.5		0.14	< 1.4	B	1.4	< 1.1	B	1.1	***15.9***	J	0.14	***22.2***		0.14
Barium	7440-39-3	ug/l	2,000	2,000	41		0.076	35.5		0.076	36.2		0.076	125		0.076	139		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	0.13	J	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	105,000		6.3	120,000		6.3	119,000		6.3	120,000		6.3	119,000		6.3
Chromium	7440-47-3	ug/l	100	100	< 3.8	B	3.8	< 4.8	B	4.8	< 7	B	7	< 2.8	B	2.8	< 6.3	B	6.3
Cobalt	7440-48-4	ug/l	730	2,000	0.66		0.017	0.42	J	0.017	0.74		0.017	0.56		0.017	2.2		0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 2	B	2	< 0.74	B	0.74	< 1.4	B	1.4	< 0.69	B	0.69	< 4.3	B	4.3
Iron	7439-89-6	ug/l	N.S.	N.S.	958		7.4	170		7.4	521		7.4	8,000		7.4	12,400		7.4
Lead	7439-92-1	ug/l	5	5	< 2.4	B	2.4	< 0.17	B	0.17	0.82	J	0.02	< 0.099	B	0.099	< 8.7	B	8.7
Magnesium	7439-95-4	ug/l	N.S.	N.S.	18,500		3.4	17,600		3.4	17,400		3.4	25,700		3.4	26,200		3.4
Manganese	7439-96-5	ug/l	300	300	***573***		0.047	***308***		0.047	***307***		0.047	***1,160***		0.047	***1,260***		0.047
Nickel	7440-02-0	ug/l	100	100	< 1.5	B	1.5	1.5		0.073	2.7		0.073	< 0.4	B	0.4	< 3.8	B	3.8
Potassium	7440-09-7	ug/l	N.S.	N.S.	4,460		5.6	5,240	J	5.6	5,120	J	5.6	1,240		5.6	1,770		5.6
Selenium	7782-49-2	ug/l	50	50	< 0.21	U	0.21	< 0.38	B	0.38	< 0.48	B	0.48	< 0.21	U	0.21	< 0.21	U	0.21
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	65,200		7	53,100		7	52,100		7	6,070		7	5,860		7
Thallium	7440-28-0	ug/l	2	2	< 0.023	B	0.023	< 0.091	B	0.091	0.085	J	0.018	< 0.018	U	0.018	< 0.044	B	0.044
Vanadium	7440-62-2	ug/l	260	720	< 0.5	B	0.5	< 0.097	U	0.097	< 1.1	B	1.1	< 0.097	U	0.097	3.8		0.097
Zinc	7440-66-6	ug/l	2,000	2,000	< 7.1	B	7.1	< 5	B	5	< 5.4	B	5.4	< 11.9	B	11.9	< 95.7	B	95.7
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	619		10	NA	NA	NA	624		10	NA	NA	NA	529		10
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	< 0.0073	U	0.0073	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0073	U	0.0073
4,4-DDE	72-55-9	ug/l	1.9	7.6	< 0.0064	U	0.0064	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA	< 0.0064	U	0.0064
4,4-DDT	50-29-3	ug/l	1.9	5.5	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013
Aldrin	309-00-2	ug/l	0.0087	0.037	< 0.011	U	0.011	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA	< 0.011	U	0.011
alpha-BHC	319-84-6	ug/l	0.1	0.41	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
alpha-Chlordane	5103-71-9	ug/l	2	2	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011
alpha-Endosulfan	959-98-8	ug/l	220	500	< 0.007	U	0.007	NA	NA	NA	< 0.0070	U	0.007	NA	NA	NA	< 0.007	U	0.007
beta-BHC	319-85-7	ug/l	0.37	1.4	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
beta-Endosulfan	33213-65-9	ug/l	220	450	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
delta-BHC	319-86-8	ug/l	22	61	< 0.009	U	0.009	NA	NA	NA	< 0.0089	U	0.0089	NA	NA	NA	< 0.009	U	0.009
Dieldrin	60-57-1	ug/l	0.041	0.16	< 0.0076	U	0.0076	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0076	U	0.0076
Endosulfan Sulfate	1031-07-8	ug/l	120	120	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015
Endrin	72-20-8	ug/l	2	2	< 0.0072	U	0.0072	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.0072	U	0.0072
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	< 0.0095	U	0.0095	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA	< 0.0095	U	0.0095

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N2			MW-N2			MW-N2			MW-N3			MW-N3		
	Sample Date:		Used Aquifers		07/08/2008			09/10/2008			09/10/2008			07/08/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
gamma-Chlordane	5566-34-7	ug/l	2	2	< 0.0072	U	0.0072	NA	NA	NA	< 0.0071	U	0.0071	NA	NA	NA	< 0.0072	U	0.0072
Heptachlor	76-44-8	ug/l	0.4	0.4	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	< 0.0094	U	0.0094	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA	< 0.0094	U	0.0094
Methoxychlor	72-43-5	ug/l	40	40	< 0.017	U	0.017	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA	< 0.017	U	0.017
Toxaphene	8001-35-2	ug/l	3	3	< 0.39	U	0.39	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA	< 0.39	U	0.39
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	< 0.096	U	0.096	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.096	U	0.096
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	< 0.095	U	0.095	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.095	U	0.095
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	< 0.071	U	0.071	NA	NA	NA	< 0.074	U	0.074	NA	NA	NA	< 0.071	U	0.071
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	< 0.086	U	0.086	NA	NA	NA	< 0.091	U	0.091	NA	NA	NA	< 0.086	U	0.086
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	< 0.087	U	0.087	NA	NA	NA	< 0.092	U	0.092	NA	NA	NA	< 0.087	U	0.087
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	< 0.051	U	0.051	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.051	U	0.051
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	1.3		0.11	NA	NA	NA	1.3		0.25	NA	NA	NA	< 0.11	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	< 0.22	U	0.22	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA	< 0.22	U	0.22
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11
1,1-Dichloroethane	75-34-3	ug/l	27	110	1.2		0.19	NA	NA	NA	1.1		0.24	NA	NA	NA	< 0.19	U	0.19
1,1-Dichloroethene	75-35-4	ug/l	7	7	< 0.17	U	0.17	NA	NA	NA	< 0.28	U	0.28	NA	NA	NA	< 0.17	U	0.17
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	< 0.11	U	0.11	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA	< 0.11	U	0.11
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	< 0.086	U	0.086	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.086	U	0.086
1,2-Dichloroethane	107-06-2	ug/l	5	5	< 0.076	U	0.076	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.076	U	0.076
1,2-Dichloropropane	78-87-5	ug/l	5	5	< 0.24	U	0.24	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.24	U	0.24
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	< 0.1	U	0.1	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.1	U	0.1
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	< 0.1	U	0.1	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.1	U	0.1
2-Butanone	78-93-3	ug/l	4,000	4,000	< 0.65	U	0.65	NA	NA	NA	< 0.50	U	0.5	NA	NA	NA	< 0.65	U	0.65
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	< 0.55	U	0.55	NA	NA	NA	< 0.53	U	0.53	NA	NA	NA	< 0.55	U	0.55
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	< 0.61	U	0.61	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.61	U	0.61
Acetone	67-64-1	ug/l	3,700	10,000	< 2.5	U	2.5	NA	NA	NA	< 2.5	B	2.5	NA	NA	NA	< 2.5	U	2.5
Benzene	71-43-2	ug/l	5	5	< 0.19	U	0.19	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.19	U	0.19
Bromodichloromethane	75-27-4	ug/l	100	100	< 0.099	U	0.099	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.099	U	0.099
Bromoform	75-25-2	ug/l	80	80	< 0.27	U	0.27	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.27	U	0.27
Bromomethane	74-83-9	ug/l	10	10	< 0.18	U	0.18	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.18	U	0.18
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.22	U	0.22	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.22	U	0.22
Chlorobenzene	108-90-7	ug/l	100	100	< 0.33	U	0.33	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.33	U	0.33
Chloroethane	75-00-3	ug/l	230	900	< 0.11	U	0.11	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11
Chloroform	67-66-3	ug/l	80	80	< 0.068	U	0.068	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.068	U	0.068
Chloromethane	74-87-3	ug/l	30	30	< 0.14	U	0.14	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.14	U	0.14

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N2			MW-N2			MW-N2			MW-N3			MW-N3		
	Sample Date:		Used Aquifers		07/08/2008			09/10/2008			09/10/2008			07/08/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	16		0.09	NA	NA	NA	15		0.27	NA	NA	NA	< 0.09	U	0.09
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	< 0.13	U	0.13	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.13	U	0.13
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	< 0.11	U	0.11	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.11	U	0.11
Dibromochloromethane	124-48-1	ug/l	80	80	< 0.2	U	0.2	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.2	U	0.2
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	< 0.23	U	0.23	NA	NA	NA	< 0.26	U	0.26	NA	NA	NA	< 0.23	U	0.23
Ethylbenzene	100-41-4	ug/l	700	700	< 0.066	U	0.066	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.066	U	0.066
Freon 113	76-13-1	ug/l	83,000	170,000	< 0.14	U	0.14	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.14	U	0.14
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	< 0.27	U	0.27	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.27	U	0.27
Methyl Acetate	79-20-9	ug/l	37,000	100,000	< 0.17	U	0.17	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.17	U	0.17
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	< 0.18	U	0.18	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA	< 0.18	U	0.18
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	0.15	J	0.13	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.13	U	0.13
Methylene Chloride	75-09-2	ug/l	5	5	< 0.19	U	0.19	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA	< 0.19	U	0.19
Styrene	100-42-5	ug/l	100	100	< 0.25	U	0.25	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.25	U	0.25
Tetrachloroethene	127-18-4	ug/l	5	5	***24***		0.088	NA	NA	NA	***23***		0.24	NA	NA	NA	< 0.088	U	0.088
Toluene	108-88-3	ug/l	1,000	1,000	< 0.21	U	0.21	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	0.35	J	0.21
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	0.47	J	0.097	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.097	U	0.097
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	< 0.16	U	0.16	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.16	U	0.16
Trichloroethene	79-01-6	ug/l	5	5	3		0.22	NA	NA	NA	2.8		0.29	NA	NA	NA	< 0.22	U	0.22
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	< 0.17	U	0.17	NA	NA	NA	< 0.080	U	0.08	NA	NA	NA	< 0.17	U	0.17
Vinyl Chloride	75-01-4	ug/l	2	2	***12***		0.11	NA	NA	NA	***14***		0.29	NA	NA	NA	< 0.11	U	0.11
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	< 0.2	U	0.2	NA	NA	NA	< 0.62	U	0.62	NA	NA	NA	0.34	J	0.2
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	< 0.06	U	0.06	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.059	U	0.059
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	< 0.055	U	0.055	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.053	U	0.053
2,4-Dichlorophenol	120-83-2	ug/l	20	20	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	< 0.05	U	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.049	U	0.049
2,4-Dinitrophenol	51-28-5	ug/l	19	41	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.048	U	0.048
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042
2-Chlorophenol	95-57-8	ug/l	40	40	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	0.056	J	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044
2-Methylphenol	95-48-7	ug/l	1,800	5,100	< 0.049	U	0.049	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
2-Nitrophenol	88-75-5	ug/l	290	820	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	0.61	J	0.039	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.038	U	0.038
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	< 1.4	U	1.4	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA	< 1.3	U	1.3

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N2			MW-N2			MW-N2			MW-N3			MW-N3		
	Sample Date:		Used Aquifers		07/08/2008			09/10/2008			09/10/2008			07/08/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	< 0.057	U	0.057	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA	< 0.055	U	0.055
4-Chloroaniline	106-47-8	ug/l	150	410	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	< 0.041	U	0.041	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA	< 0.04	U	0.04
4-Methylphenol	106-44-5	ug/l	180	510	< 0.071	U	0.071	NA	NA	NA	< 0.070	U	0.07	NA	NA	NA	< 0.069	U	0.069
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	0.42	J	0.024	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA	< 0.024	U	0.024
4-Nitrophenol	100-02-7	ug/l	60	60	< 0.067	U	0.067	NA	NA	NA	< 0.067	U	0.067	NA	NA	NA	< 0.066	U	0.066
Acenaphthene	83-32-9	ug/l	2,200	3,800	0.07	J	0.05	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA	< 0.049	U	0.049
Acenaphthylene	208-96-8	ug/l	2,200	6,100	0.045	J	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043
Acetophenone	98-86-2	ug/l	3,700	10,000	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044
Anthracene	120-12-7	ug/l	66	66	0.13	J	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.048	U	0.048
Atrazine	1912-24-9	ug/l	3	3	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	0.19		0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	0.15	J	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	0.16	J	0.03	NA	NA	NA	< 0.030	U	0.03	NA	NA	NA	< 0.029	U	0.029
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	0.17	J	0.026	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA	< 0.026	U	0.026
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	0.15	J	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037
Biphenyl	92-52-4	ug/l	1,800	5,100	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.057	U	0.057
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	< 0.025	U	0.025	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	< 7.2	B	7.2	NA	NA	NA	< 0.41	B	0.41	NA	NA	NA	< 5.8	B	5.8
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	< 1.3	B	1.3	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 1.5	B	1.5
Caprolactum	105-60-2	ug/l	N.S.	N.S.	< 3.2	B	3.2	NA	NA	NA	< 0.49	B	0.49	NA	NA	NA	< 3.4	B	3.4
Carbazole	86-74-8	ug/l	33	130	0.24		0.05	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA	< 0.049	U	0.049
Chrysene	218-01-9	ug/l	1.9	1.9	0.18	J	0.034	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA	< 0.033	U	0.033
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	*0.14*	J	0.033	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA	< 0.033	U	0.033
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	0.1	J	0.051	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.05	U	0.05
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	< 0.041	U	0.041	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA	< 0.04	U	0.04
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	< 0.69	B	0.69	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.48	B	0.48
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	0.18	J	0.041	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04
Fluoranthene	206-44-0	ug/l	260	260	0.24		0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047
Fluorene	86-73-7	ug/l	1,500	1,900	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
Hexachlorobenzene	118-74-1	ug/l	1	1	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041
Hexachlorobutadiene	87-68-3	ug/l	1	1	< 0.036	U	0.036	NA	NA	NA	< 0.036	U	0.036	NA	NA	NA	< 0.035	U	0.035
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	< 0.077	U	0.077	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA	< 0.075	U	0.075
Hexachloroethane	67-72-1	ug/l	1	1	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	0.13	J	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
Isophorone	78-59-1	ug/l	100	100	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
Naphthalene	91-20-3	ug/l	100	100	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N2			MW-N2			MW-N2			MW-N3			MW-N3		
	Sample Date:		Used Aquifers		07/08/2008			09/10/2008			09/10/2008			07/08/2008			07/08/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	< 0.061	U	0.061	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA	< 0.06	U	0.06
N-Nitroso-di-n-propylamine	621-64-7	ug/l	0.094	0.37	< 0.057	U	0.057	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA	< 0.056	U	0.056
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	0.11	J	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046
Pentachlorophenol	87-86-5	ug/l	1	1	< 0.08	U	0.08	NA	NA	NA	< 0.079	U	0.079	NA	NA	NA	< 0.078	U	0.078
Phenanthrene	85-01-8	ug/l	1,100	1,100	< 0.28	B	0.28	NA	NA	NA	0.081	J	0.052	NA	NA	NA	< 0.12	B	0.12
Phenol	108-95-2	ug/l	4,000	4,000	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021
Pyrene	129-00-0	ug/l	130	130	0.18	J	0.054	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.053	U	0.053

Notes:

1) N.S. = No Standard

2) N = Primary Sample

3) FD = Field Duplicate

4) NA = Results not available.

5) T = Total Results

6) D = Dissolved Results

7) RDL = Reporting Detection Limit

8) WG = Groundwater

9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics*.

10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**

11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N3			MW-N3			MW-N4			MW-N4			MW-N4		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:		-		D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	< 2.8	B	2.8	4,180		1.2	< 2.8	B	2.8	< 143	B	143	< 2.1	B	2.1
Antimony	7440-36-0	ug/l	6	6	0.12	J	0.047	0.2	J	0.047	0.62	J	0.047	< 0.23	B	0.23	0.12	J	0.047
Arsenic	7440-38-2	ug/l	10	10	***40.7***		0.14	***69.8***		0.14	1.6	J	0.14	1.6		0.14	< 2.2	B	2.2
Barium	7440-39-3	ug/l	2,000	2,000	130		0.076	132		0.076	53		0.076	54.5		0.076	46.5		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	0.23	J	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	124,000		6.3	130,000		6.3	77,000		6.3	76,200		6.3	85,900		6.3
Chromium	7440-47-3	ug/l	100	100	< 6.9	B	6.9	43.2		0.11	< 2.5	B	2.5	< 3.4	B	3.4	< 4.7	B	4.7
Cobalt	7440-48-4	ug/l	730	2,000	0.58		0.017	4.8		0.017	0.72		0.017	0.75		0.017	0.37	J	0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 0.46	B	0.46	11.7		0.14	< 0.5	B	0.5	< 0.91	B	0.91	< 0.34	B	0.34
Iron	7439-89-6	ug/l	N.S.	N.S.	9,440		7.4	23,200		7.4	405		7.4	731		7.4	513		7.4
Lead	7439-92-1	ug/l	5	5	< 0.063	B	0.063	***15.8***		0.02	< 0.15	B	0.15	< 0.54	B	0.54	< 0.04	B	0.04
Magnesium	7439-95-4	ug/l	N.S.	N.S.	25,900		3.4	29,500		3.4	14,900		3.4	14,200		3.4	12,700		3.4
Manganese	7439-96-5	ug/l	300	300	***729***		0.047	***1,380***		0.047	222		0.047	246		0.047	167		0.047
Nickel	7440-02-0	ug/l	100	100	3.7		0.073	32.3		0.073	< 1.3	B	1.3	< 1.3	B	1.3	1.3		0.073
Potassium	7440-09-7	ug/l	N.S.	N.S.	926	J	5.6	2,040	J	5.6	3,160		5.6	3,220		5.6	3,510	J	5.6
Selenium	7782-49-2	ug/l	50	50	< 0.38	B	0.38	< 0.79	B	0.79	< 0.21	U	0.21	< 0.21	U	0.21	< 0.5	B	0.5
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	4,590		7	4,240		7	56,000		7	55,700		7	44,200		7
Thallium	7440-28-0	ug/l	2	2	< 0.061	B	0.061	0.14	J	0.018	< 0.027	B	0.027	< 0.026	B	0.026	< 0.042	B	0.042
Vanadium	7440-62-2	ug/l	260	720	< 0.097	U	0.097	9.9		0.097	< 0.33	B	0.33	< 0.6	B	0.6	< 0.097	U	0.097
Zinc	7440-66-6	ug/l	2,000	2,000	< 11.6	B	11.6	114		0.6	< 5.8	B	5.8	< 6.9	B	6.9	< 5	B	5
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.064	B	0.064
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	NA	NA	NA	480		10	NA	NA	NA	460		10	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA
4,4-DDE	72-55-9	ug/l	1.9	7.6	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA
4,4-DDT	50-29-3	ug/l	1.9	5.5	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA
Aldrin	309-00-2	ug/l	0.0087	0.037	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
alpha-BHC	319-84-6	ug/l	0.1	0.41	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/l	2	2	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/l	220	500	NA	NA	NA	< 0.0070	U	0.007	NA	NA	NA	< 0.007	U	0.007	NA	NA	NA
beta-BHC	319-85-7	ug/l	0.37	1.4	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/l	220	450	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
delta-BHC	319-86-8	ug/l	22	61	NA	NA	NA	< 0.0090	U	0.009	NA	NA	NA	< 0.009	U	0.009	NA	NA	NA
Dieldrin	60-57-1	ug/l	0.041	0.16	NA	NA	NA	< 0.0076	U	0.0076	NA	NA	NA	< 0.0076	U	0.0076	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/l	120	120	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA
Endrin	72-20-8	ug/l	2	2	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0095	U	0.0095	NA	NA	NA	< 0.0095	U	0.0095	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N3			MW-N3			MW-N4			MW-N4			MW-N4		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/l	2	2	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA
Heptachlor	76-44-8	ug/l	0.4	0.4	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA
Methoxychlor	72-43-5	ug/l	40	40	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA
Toxaphene	8001-35-2	ug/l	3	3	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.096	U	0.096	NA	NA	NA
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	NA	NA	NA	< 0.074	U	0.074	NA	NA	NA	< 0.071	U	0.071	NA	NA	NA
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	NA	NA	NA	< 0.091	U	0.091	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	NA	NA	NA	< 0.092	U	0.092	NA	NA	NA	< 0.087	U	0.087	NA	NA	NA
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/l	27	110	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
1,1-Dichloroethene	75-35-4	ug/l	7	7	NA	NA	NA	< 0.28	U	0.28	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/l	5	5	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/l	5	5	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA
2-Butanone	78-93-3	ug/l	4,000	4,000	NA	NA	NA	< 0.50	U	0.5	NA	NA	NA	< 0.65	U	0.65	NA	NA	NA
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.53	U	0.53	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA
Acetone	67-64-1	ug/l	3,700	10,000	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA
Benzene	71-43-2	ug/l	5	5	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
Bromodichloromethane	75-27-4	ug/l	100	100	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA
Bromoform	75-25-2	ug/l	80	80	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
Bromomethane	74-83-9	ug/l	10	10	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Carbon Tetrachloride	56-23-5	ug/l	5	5	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Chlorobenzene	108-90-7	ug/l	100	100	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA
Chloroethane	75-00-3	ug/l	230	900	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Chloroform	67-66-3	ug/l	80	80	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA
Chloromethane	74-87-3	ug/l	30	30	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N3			MW-N3			MW-N4			MW-N4			MW-N4		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Dibromochloromethane	124-48-1	ug/l	80	80	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	NA	NA	NA	< 0.26	U	0.26	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Ethylbenzene	100-41-4	ug/l	700	700	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA
Freon 113	76-13-1	ug/l	83,000	170,000	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
Methyl Acetate	79-20-9	ug/l	37,000	100,000	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA
Methylene Chloride	75-09-2	ug/l	5	5	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
Styrene	100-42-5	ug/l	100	100	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
Tetrachloroethene	127-18-4	ug/l	5	5	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.088	U	0.088	NA	NA	NA
Toluene	108-88-3	ug/l	1,000	1,000	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA
Trichloroethene	79-01-6	ug/l	5	5	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	NA	NA	NA	< 0.080	U	0.08	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA
Vinyl Chloride	75-01-4	ug/l	2	2	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	NA	NA	NA	< 0.62	U	0.62	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	20	20	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/l	19	41	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
2-Chlorophenol	95-57-8	ug/l	40	40	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	0.067	J	0.044	NA	NA	NA
2-Methylphenol	95-48-7	ug/l	1,800	5,100	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
2-Nitrophenol	88-75-5	ug/l	290	820	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA	0.15	J	0.039	NA	NA	NA
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N3			MW-N3			MW-N4			MW-N4			MW-N4		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA
4-Chloroaniline	106-47-8	ug/l	150	410	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA
4-Methylphenol	106-44-5	ug/l	180	510	NA	NA	NA	< 0.071	U	0.071	NA	NA	NA	< 0.069	U	0.069	NA	NA	NA
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA
4-Nitrophenol	100-02-7	ug/l	60	60	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA
Acenaphthene	83-32-9	ug/l	2,200	3,800	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
Acenaphthylene	208-96-8	ug/l	2,200	6,100	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	0.061	J	0.043	NA	NA	NA
Acetophenone	98-86-2	ug/l	3,700	10,000	NA	NA	NA	0.07	J	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
Anthracene	120-12-7	ug/l	66	66	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	0.14	J	0.048	NA	NA	NA
Atrazine	1912-24-9	ug/l	3	3	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA	0.25		0.039	NA	NA	NA
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	***0.22***		0.041	NA	NA	NA
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	NA	NA	NA	< 0.030	U	0.03	NA	NA	NA	0.25		0.029	NA	NA	NA
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	NA	NA	NA	< 0.027	U	0.027	NA	NA	NA	0.22		0.026	NA	NA	NA
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	0.24		0.037	NA	NA	NA
Biphenyl	92-52-4	ug/l	1,800	5,100	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	NA	NA	NA	< 1.8	B	1.8	NA	NA	NA	< 36	B	36	NA	NA	NA
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	NA	NA	NA	0.27	J	0.13	NA	NA	NA	< 1.3	B	1.3	NA	NA	NA
Caprolactum	105-60-2	ug/l	N.S.	N.S.	NA	NA	NA	< 2.8	B	2.8	NA	NA	NA	< 1.3	B	1.3	NA	NA	NA
Carbazole	86-74-8	ug/l	33	130	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	0.27		0.049	NA	NA	NA
Chrysene	218-01-9	ug/l	1.9	1.9	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA	0.32		0.033	NA	NA	NA
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA	*0.28*		0.033	NA	NA	NA
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	0.09	J	0.05	NA	NA	NA
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	NA	NA	NA	0.26	J	0.24	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	NA	NA	NA	0.14	J	0.045	NA	NA	NA	< 0.61	B	0.61	NA	NA	NA
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	0.32	J	0.04	NA	NA	NA
Fluoranthene	206-44-0	ug/l	260	260	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	0.27		0.047	NA	NA	NA
Fluorene	86-73-7	ug/l	1,500	1,900	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Hexachlorobenzene	118-74-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	1	1	NA	NA	NA	< 0.036	U	0.036	NA	NA	NA	< 0.035	U	0.035	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA	< 0.075	U	0.075	NA	NA	NA
Hexachloroethane	67-72-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	0.28		0.045	NA	NA	NA
Isophorone	78-59-1	ug/l	100	100	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Naphthalene	91-20-3	ug/l	100	100	NA	NA	NA	0.057	J	0.042	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N3			MW-N3			MW-N4			MW-N4			MW-N4		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	NA	NA	NA	< 0.062	U	0.062	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA
N-Nitroso-di-n-propylamine	621-64-7	ug/l	0.094	0.37	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	0.11	J	0.046	NA	NA	NA
Pentachlorophenol	87-86-5	ug/l	1	1	NA	NA	NA	< 0.081	U	0.081	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA
Phenanthrene	85-01-8	ug/l	1,100	1,100	NA	NA	NA	0.14	J	0.053	NA	NA	NA	< 0.24	B	0.24	NA	NA	NA
Phenol	108-95-2	ug/l	4,000	4,000	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA
Pyrene	129-00-0	ug/l	130	130	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	0.2		0.053	NA	NA	NA

Notes:
1) N.S. = No Standard
2) N = Primary Sample
3) FD = Field Duplicate
4) NA = Results not available.
5) T = Total Results
6) D = Dissolved Results
7) RDL = Reporting Detection Limit
8) WG = Groundwater
9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics*.
10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**
11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct
Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N4			MW-N5			MW-N5			MW-N5			MW-N5		
	Sample Date:		Used Aquifers		09/10/2008			07/07/2008			07/07/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	135		1.2	< 4.4	B	4.4	682		1.2	13.9	J	1.2	7,430		1.2
Antimony	7440-36-0	ug/l	6	6	0.11	J	0.047	0.27	J	0.047	0.13	J	0.047	0.16	J	0.047	0.39	J	0.047
Arsenic	7440-38-2	ug/l	10	10	< 1.9	B	1.9	0.84	J	0.14	< 0.98	B	0.98	< 1.2	B	1.2	9.5		0.14
Barium	7440-39-3	ug/l	2,000	2,000	46.9		0.076	43.9		0.076	30.1		0.076	24.6		0.076	57.8		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	< 0.068	U	0.068	0.098	J	0.068	< 0.068	U	0.068	0.34	J	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	84,200		6.3	64,300		6.3	41,400		6.3	56,400		6.3	58,600		6.3
Chromium	7440-47-3	ug/l	100	100	< 4.2	B	4.2	< 4	B	4	< 4	B	4	< 4.9	B	4.9	< 16.4	B	16.4
Cobalt	7440-48-4	ug/l	730	2,000	0.44	J	0.017	0.35	J	0.017	2.5		0.017	< 0.24	B	0.24	6.8		0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 0.54	B	0.54	< 1.7	B	1.7	< 2.6	B	2.6	< 1.3	B	1.3	10.7		0.14
Iron	7439-89-6	ug/l	N.S.	N.S.	729		7.4	< 7.7	B	7.7	1,410		7.4	< 7.4	U	7.4	12,200		7.4
Lead	7439-92-1	ug/l	5	5	< 0.17	B	0.17	< 0.21	B	0.21	3.4		0.02	< 0.059	B	0.059	***10.4***		0.02
Magnesium	7439-95-4	ug/l	N.S.	N.S.	12,800		3.4	14,200		3.4	4,860		3.4	5,080		3.4	6,490		3.4
Manganese	7439-96-5	ug/l	300	300	169		0.047	158		0.047	242		0.047	21.9		0.047	***331***		0.047
Nickel	7440-02-0	ug/l	100	100	1.2		0.073	< 1.4	B	1.4	4.3		0.073	< 3.7	B	3.7	15.7		0.073
Potassium	7440-09-7	ug/l	N.S.	N.S.	3,420	J	5.6	11,600		5.6	3,010		5.6	3,900	J	5.6	5,860	J	5.6
Selenium	7782-49-2	ug/l	50	50	< 0.21	U	0.21	2.1	J	0.21	1.5	J	0.21	1.8	J	0.21	< 2.2	B	2.2
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	44,200		7	31,600		7	42,000		7	35,600		7	35,600		7
Thallium	7440-28-0	ug/l	2	2	0.041	J	0.018	< 0.018	U	0.018	< 0.14	B	0.14	0.17	J	0.018	0.33	J	0.018
Vanadium	7440-62-2	ug/l	260	720	< 0.46	B	0.46	< 0.51	B	0.51	< 1.1	B	1.1	< 0.097	U	0.097	12.6		0.097
Zinc	7440-66-6	ug/l	2,000	2,000	< 8.1	B	8.1	< 8.6	B	8.6	< 26.9	B	26.9	55.3		0.6	79.8		0.6
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	466		10	NA	NA	NA	355		10	NA	NA	NA	396		10
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	< 0.0076	U	0.0076	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0073	U	0.0073
4,4-DDE	72-55-9	ug/l	1.9	7.6	< 0.0066	U	0.0066	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA	< 0.0064	U	0.0064
4,4-DDT	50-29-3	ug/l	1.9	5.5	< 0.014	U	0.014	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013
Aldrin	309-00-2	ug/l	0.0087	0.037	< 0.011	U	0.011	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA	< 0.010	U	0.01
alpha-BHC	319-84-6	ug/l	0.1	0.41	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
alpha-Chlordane	5103-71-9	ug/l	2	2	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011
alpha-Endosulfan	959-98-8	ug/l	220	500	< 0.0073	U	0.0073	NA	NA	NA	< 0.007	U	0.007	NA	NA	NA	< 0.0070	U	0.007
beta-BHC	319-85-7	ug/l	0.37	1.4	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
beta-Endosulfan	33213-65-9	ug/l	220	450	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
delta-BHC	319-86-8	ug/l	22	61	< 0.0093	U	0.0093	NA	NA	NA	< 0.0089	U	0.0089	NA	NA	NA	< 0.0089	U	0.0089
Dieldrin	60-57-1	ug/l	0.041	0.16	< 0.0078	U	0.0078	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0075	U	0.0075
Endosulfan Sulfate	1031-07-8	ug/l	120	120	< 0.016	U	0.016	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015
Endrin	72-20-8	ug/l	2	2	< 0.0075	U	0.0075	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.0072	U	0.0072
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	< 0.012	U	0.012	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	< 0.0098	U	0.0098	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA	< 0.0094	U	0.0094

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N4			MW-N5			MW-N5			MW-N5			MW-N5		
	Sample Date:		Used Aquifers		09/10/2008			07/07/2008			07/07/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
gamma-Chlordane	5566-34-7	ug/l	2	2	< 0.0074	U	0.0074	NA	NA	NA	< 0.0071	U	0.0071	NA	NA	NA	< 0.0071	U	0.0071
Heptachlor	76-44-8	ug/l	0.4	0.4	< 0.014	U	0.014	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	< 0.0097	U	0.0097	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA	< 0.0093	U	0.0093
Methoxychlor	72-43-5	ug/l	40	40	< 0.018	U	0.018	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA	< 0.017	U	0.017
Toxaphene	8001-35-2	ug/l	3	3	< 0.40	U	0.4	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA	< 0.39	U	0.39
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	< 0.10	U	0.1	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA	< 0.10	U	0.1
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	< 0.10	U	0.1	NA	NA	NA	< 0.094	U	0.094	NA	NA	NA	< 0.10	U	0.1
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	< 0.074	U	0.074	NA	NA	NA	< 0.07	U	0.07	NA	NA	NA	< 0.074	U	0.074
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	< 0.091	U	0.091	NA	NA	NA	< 0.085	U	0.085	NA	NA	NA	< 0.091	U	0.091
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	< 0.092	U	0.092	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.092	U	0.092
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	< 0.054	U	0.054	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.054	U	0.054
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.25	U	0.25
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	< 0.15	U	0.15	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.15	U	0.15
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2
1,1-Dichloroethane	75-34-3	ug/l	27	110	< 0.24	U	0.24	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.24	U	0.24
1,1-Dichloroethene	75-35-4	ug/l	7	7	< 0.28	U	0.28	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.28	U	0.28
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	< 0.15	U	0.15	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.15	U	0.15
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	< 0.22	U	0.22	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.22	U	0.22
1,2-Dichloroethane	107-06-2	ug/l	5	5	< 0.21	U	0.21	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA	< 0.21	U	0.21
1,2-Dichloropropane	78-87-5	ug/l	5	5	< 0.18	U	0.18	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.18	U	0.18
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	< 0.16	U	0.16	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.16	U	0.16
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	< 0.18	U	0.18	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.18	U	0.18
2-Butanone	78-93-3	ug/l	4,000	4,000	< 0.50	U	0.5	NA	NA	NA	< 0.65	U	0.65	NA	NA	NA	< 0.50	U	0.5
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	< 0.53	U	0.53	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA	< 0.53	U	0.53
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	< 0.23	U	0.23	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA	< 0.23	U	0.23
Acetone	67-64-1	ug/l	3,700	10,000	< 2.8	B	2.8	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA	< 2.5	U	2.5
Benzene	71-43-2	ug/l	5	5	< 0.27	U	0.27	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.27	U	0.27
Bromodichloromethane	75-27-4	ug/l	100	100	< 0.20	U	0.2	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.20	U	0.2
Bromoform	75-25-2	ug/l	80	80	< 0.25	U	0.25	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.25	U	0.25
Bromomethane	74-83-9	ug/l	10	10	< 0.30	U	0.3	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.30	U	0.3
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.30	U	0.3	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.30	U	0.3
Chlorobenzene	108-90-7	ug/l	100	100	< 0.23	U	0.23	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA	< 0.23	U	0.23
Chloroethane	75-00-3	ug/l	230	900	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.25	U	0.25
Chloroform	67-66-3	ug/l	80	80	< 0.24	U	0.24	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.24	U	0.24
Chloromethane	74-87-3	ug/l	30	30	< 0.27	U	0.27	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.27	U	0.27

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N4			MW-N5			MW-N5			MW-N5			MW-N5		
	Sample Date:		Used Aquifers		09/10/2008			07/07/2008			07/07/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	< 0.27	U	0.27	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA	< 0.27	U	0.27
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	< 0.19	U	0.19	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.19	U	0.19
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	< 0.30	U	0.3	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.30	U	0.3
Dibromochloromethane	124-48-1	ug/l	80	80	< 0.16	U	0.16	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.16	U	0.16
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	< 0.26	U	0.26	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.26	U	0.26
Ethylbenzene	100-41-4	ug/l	700	700	< 0.18	U	0.18	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.18	U	0.18
Freon 113	76-13-1	ug/l	83,000	170,000	< 0.30	U	0.3	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.30	U	0.3
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	< 0.22	U	0.22	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.22	U	0.22
Methyl Acetate	79-20-9	ug/l	37,000	100,000	< 0.10	U	0.1	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.10	U	0.1
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	< 0.32	U	0.32	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.32	U	0.32
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	< 0.20	U	0.2	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.20	U	0.2
Methylene Chloride	75-09-2	ug/l	5	5	< 0.32	U	0.32	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.32	U	0.32
Styrene	100-42-5	ug/l	100	100	< 0.22	U	0.22	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.22	U	0.22
Tetrachloroethene	127-18-4	ug/l	5	5	< 0.24	U	0.24	NA	NA	NA	< 0.088	U	0.088	NA	NA	NA	< 0.24	U	0.24
Toluene	108-88-3	ug/l	1,000	1,000	< 0.23	U	0.23	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.23	U	0.23
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	< 0.27	U	0.27	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA	< 0.27	U	0.27
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	< 0.18	U	0.18	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.18	U	0.18
Trichloroethene	79-01-6	ug/l	5	5	< 0.29	U	0.29	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.29	U	0.29
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	< 0.080	U	0.08	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.080	U	0.08
Vinyl Chloride	75-01-4	ug/l	2	2	< 0.29	U	0.29	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.29	U	0.29
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	< 0.62	U	0.62	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.62	U	0.62
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	< 0.19	U	0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	< 0.20	U	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	< 0.21	U	0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	< 0.20	U	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	< 0.061	U	0.061	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.059	U	0.059
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	< 0.055	U	0.055	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.054	U	0.054
2,4-Dichlorophenol	120-83-2	ug/l	20	20	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	< 0.050	U	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.049	U	0.049
2,4-Dinitrophenol	51-28-5	ug/l	19	41	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	< 0.044	U	0.044	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.043	U	0.043
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.048	U	0.048
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042
2-Chlorophenol	95-57-8	ug/l	40	40	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	0.052	J	0.044
2-Methylphenol	95-48-7	ug/l	1,800	5,100	< 0.050	U	0.05	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.049	U	0.049
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
2-Nitrophenol	88-75-5	ug/l	290	820	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	< 0.040	U	0.04	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	< 0.039	U	0.039	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.038	U	0.038
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	< 1.4	U	1.4	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA	< 1.3	U	1.3

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N4			MW-N5			MW-N5			MW-N5			MW-N5		
	Sample Date:		Used Aquifers		09/10/2008			07/07/2008			07/07/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	< 0.057	U	0.057	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	< 0.056	U	0.056
4-Chloroaniline	106-47-8	ug/l	150	410	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.040	U	0.04
4-Methylphenol	106-44-5	ug/l	180	510	< 0.071	U	0.071	NA	NA	NA	< 0.069	U	0.069	NA	NA	NA	< 0.070	U	0.07
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA	< 0.024	U	0.024
4-Nitrophenol	100-02-7	ug/l	60	60	< 0.068	U	0.068	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.067	U	0.067
Acenaphthene	83-32-9	ug/l	2,200	3,800	< 0.051	U	0.051	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	0.074	J	0.05
Acenaphthylene	208-96-8	ug/l	2,200	6,100	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044
Acetophenone	98-86-2	ug/l	3,700	10,000	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044
Anthracene	120-12-7	ug/l	66	66	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	0.064	J	0.048
Atrazine	1912-24-9	ug/l	3	3	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	0.041	J	0.04	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	0.045	J	0.039
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.042	U	0.042
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	< 0.030	U	0.03	NA	NA	NA	< 0.029	U	0.029	NA	NA	NA	< 0.030	U	0.03
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	< 0.027	U	0.027	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA	< 0.026	U	0.026
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037
Biphenyl	92-52-4	ug/l	1,800	5,100	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.057	U	0.057
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA	< 0.025	U	0.025
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	< 0.3	B	0.3	NA	NA	NA	< 2.9	B	2.9	NA	NA	NA	< 1.5	B	1.5
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	0.16	J	0.13	NA	NA	NA	< 0.38	B	0.38	NA	NA	NA	< 0.13	U	0.13
Caprolactum	105-60-2	ug/l	N.S.	N.S.	< 1.2	B	1.2	NA	NA	NA	< 1.3	B	1.3	NA	NA	NA	< 2.1	B	2.1
Carbazole	86-74-8	ug/l	33	130	< 0.051	U	0.051	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	0.069	J	0.05
Chrysene	218-01-9	ug/l	1.9	1.9	0.038	J	0.034	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA	0.041	J	0.034
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	< 0.034	U	0.034	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA	< 0.033	U	0.033
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	< 0.052	U	0.052	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	0.094	J	0.051
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	< 0.24	U	0.24	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	0.23	J	0.23
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.040	U	0.04
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	0.095	J	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.16	B	0.16
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.041	U	0.041
Fluoranthene	206-44-0	ug/l	260	260	0.091	J	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	0.068	J	0.047
Fluorene	86-73-7	ug/l	1,500	1,900	< 0.053	U	0.053	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
Hexachlorobenzene	118-74-1	ug/l	1	1	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041
Hexachlorobutadiene	87-68-3	ug/l	1	1	< 0.036	U	0.036	NA	NA	NA	< 0.035	U	0.035	NA	NA	NA	< 0.036	U	0.036
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	< 0.078	U	0.078	NA	NA	NA	< 0.075	U	0.075	NA	NA	NA	< 0.076	U	0.076
Hexachloroethane	67-72-1	ug/l	1	1	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
Isophorone	78-59-1	ug/l	100	100	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
Naphthalene	91-20-3	ug/l	100	100	< 0.042	U	0.042	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.041	U	0.041

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N4			MW-N5			MW-N5			MW-N5			MW-N5		
	Sample Date:		Used Aquifers		09/10/2008			07/07/2008			07/07/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	< 0.062	U	0.062	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA	< 0.061	U	0.061
N-Nitroso-di-n-propylamine	621-64-7	ug/l	0.094	0.37	< 0.058	U	0.058	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA	< 0.056	U	0.056
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046
Pentachlorophenol	87-86-5	ug/l	1	1	< 0.081	U	0.081	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA	< 0.079	U	0.079
Phenanthrene	85-01-8	ug/l	1,100	1,100	0.32		0.053	NA	NA	NA	< 0.14	B	0.14	NA	NA	NA	< 0.2	B	0.2
Phenol	108-95-2	ug/l	4,000	4,000	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021
Pyrene	129-00-0	ug/l	130	130	< 0.055	U	0.055	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.054	U	0.054

Notes:

1) N.S. = No Standard

2) N = Primary Sample

3) FD = Field Duplicate

4) NA = Results not available.

5) T = Total Results

6) D = Dissolved Results

7) RDL = Reporting Detection Limit

8) WG = Groundwater

9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics.*

10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**

11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N6			MW-N6			MW-N6			MW-N6		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/09/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			FD			FD			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	< 10.7	B	10.7	< 38.6	B	38.6	< 4.1	B	4.1	< 11	B	11	< 3.6	B	3.6
Antimony	7440-36-0	ug/l	6	6	< 0.077	B	0.077	< 0.58	B	0.58	0.33	J	0.047	0.26	J	0.047	0.3	J	0.047
Arsenic	7440-38-2	ug/l	10	10	0.32	J	0.14	0.83	J	0.14	< 1.4	B	1.4	< 1.9	B	1.9	< 1.9	B	1.9
Barium	7440-39-3	ug/l	2,000	2,000	21.7		0.076	40.7		0.076	41.6		0.076	42.6		0.076	40.9		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	40,500		6.3	59,500		6.3	74,200		6.3	75,400		6.3	74,000		6.3
Chromium	7440-47-3	ug/l	100	100	< 3.2	B	3.2	< 3.8	B	3.8	< 5.5	B	5.5	< 4.2	B	4.2	< 4.8	B	4.8
Cobalt	7440-48-4	ug/l	730	2,000	0.6		0.017	< 0.28	B	0.28	0.38	J	0.017	0.35	J	0.017	0.34	J	0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 0.96	B	0.96	< 1.5	B	1.5	< 1.3	B	1.3	< 1.6	B	1.6	< 1.2	B	1.2
Iron	7439-89-6	ug/l	N.S.	N.S.	< 7.4	U	7.4	< 66.6	B	66.6	< 7.4	U	7.4	< 7.4	U	7.4	< 7.4	U	7.4
Lead	7439-92-1	ug/l	5	5	< 0.086	B	0.086	< 0.29	B	0.29	< 0.11	B	0.11	< 0.14	B	0.14	< 0.13	B	0.13
Magnesium	7439-95-4	ug/l	N.S.	N.S.	4,600		3.4	13,300		3.4	14,300		3.4	14,600		3.4	13,800		3.4
Manganese	7439-96-5	ug/l	300	300	146		0.047	137		0.047	***309***		0.047	***311***		0.047	***307***		0.047
Nickel	7440-02-0	ug/l	100	100	< 3.2	B	3.2	< 0.91	B	0.91	< 1	B	1	< 0.85	B	0.85	< 0.87	B	0.87
Potassium	7440-09-7	ug/l	N.S.	N.S.	2,820		5.6	10,800		5.6	13,900	J	5.6	14,000	J	5.6	14,200	J	5.6
Selenium	7782-49-2	ug/l	50	50	1.5	J	0.21	2.2	J	0.21	1.8	J	0.21	< 1.9	B	1.9	1.9	J	0.21
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	41,000		7	28,200		7	26,000		7	26,300		7	25,400		7
Thallium	7440-28-0	ug/l	2	2	< 0.018	U	0.018	< 0.035	B	0.035	< 0.043	B	0.043	< 0.028	B	0.028	< 0.1	B	0.1
Vanadium	7440-62-2	ug/l	260	720	< 0.097	U	0.097	< 0.82	B	0.82	< 0.26	B	0.26	0.71	J	0.097	< 0.097	U	0.097
Zinc	7440-66-6	ug/l	2,000	2,000	< 20.7	B	20.7	< 4.4	B	4.4	< 4.1	B	4.1	< 5.1	B	5.1	< 3.3	B	3.3
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	NA	NA	NA	410		10	NA	NA	NA	409		10	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0076	U	0.0076	NA	NA	NA
4,4-DDE	72-55-9	ug/l	1.9	7.6	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA	< 0.0066	U	0.0066	NA	NA	NA
4,4-DDT	50-29-3	ug/l	1.9	5.5	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
Aldrin	309-00-2	ug/l	0.0087	0.037	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
alpha-BHC	319-84-6	ug/l	0.1	0.41	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/l	2	2	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/l	220	500	NA	NA	NA	< 0.007	U	0.007	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA
beta-BHC	319-85-7	ug/l	0.37	1.4	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/l	220	450	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA
delta-BHC	319-86-8	ug/l	22	61	NA	NA	NA	< 0.0089	U	0.0089	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA
Dieldrin	60-57-1	ug/l	0.041	0.16	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0078	U	0.0078	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/l	120	120	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.016	U	0.016	NA	NA	NA
Endrin	72-20-8	ug/l	2	2	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.012	U	0.012	NA	NA	NA
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA	< 0.0098	U	0.0098	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N6			MW-N6			MW-N6			MW-N6		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/09/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			FD			FD			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/l	2	2	NA	NA	NA	< 0.0071	U	0.0071	NA	NA	NA	< 0.0074	U	0.0074	NA	NA	NA
Heptachlor	76-44-8	ug/l	0.4	0.4	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA	< 0.0097	U	0.0097	NA	NA	NA
Methoxychlor	72-43-5	ug/l	40	40	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA	< 0.018	U	0.018	NA	NA	NA
Toxaphene	8001-35-2	ug/l	3	3	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA	< 0.40	U	0.4	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	NA	NA	NA	< 0.094	U	0.094	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	NA	NA	NA	< 0.07	U	0.07	NA	NA	NA	< 0.074	U	0.074	NA	NA	NA
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	NA	NA	NA	< 0.085	U	0.085	NA	NA	NA	< 0.091	U	0.091	NA	NA	NA
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.092	U	0.092	NA	NA	NA
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/l	27	110	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
1,1-Dichloroethene	75-35-4	ug/l	7	7	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.28	U	0.28	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/l	5	5	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/l	5	5	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
2-Butanone	78-93-3	ug/l	4,000	4,000	NA	NA	NA	< 0.65	U	0.65	NA	NA	NA	< 0.50	U	0.5	NA	NA	NA
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA	< 0.53	U	0.53	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Acetone	67-64-1	ug/l	3,700	10,000	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA
Benzene	71-43-2	ug/l	5	5	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
Bromodichloromethane	75-27-4	ug/l	100	100	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
Bromoform	75-25-2	ug/l	80	80	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
Bromomethane	74-83-9	ug/l	10	10	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
Carbon Tetrachloride	56-23-5	ug/l	5	5	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Chlorobenzene	108-90-7	ug/l	100	100	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Chloroethane	75-00-3	ug/l	230	900	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
Chloroform	67-66-3	ug/l	80	80	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
Chloromethane	74-87-3	ug/l	30	30	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N6			MW-N6			MW-N6			MW-N6		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/09/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			FD			FD			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	NA	NA	NA	0.75	J	0.09	NA	NA	NA	0.74	J	0.27	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Dibromochloromethane	124-48-1	ug/l	80	80	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.26	U	0.26	NA	NA	NA
Ethylbenzene	100-41-4	ug/l	700	700	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Freon 113	76-13-1	ug/l	83,000	170,000	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Methyl Acetate	79-20-9	ug/l	37,000	100,000	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA
Methylene Chloride	75-09-2	ug/l	5	5	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA
Styrene	100-42-5	ug/l	100	100	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Tetrachloroethene	127-18-4	ug/l	5	5	NA	NA	NA	0.17	J	0.088	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
Toluene	108-88-3	ug/l	1,000	1,000	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Trichloroethene	79-01-6	ug/l	5	5	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.080	U	0.08	NA	NA	NA
Vinyl Chloride	75-01-4	ug/l	2	2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.62	U	0.62	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	20	20	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/l	19	41	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
2-Chlorophenol	95-57-8	ug/l	40	40	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
2-Methylphenol	95-48-7	ug/l	1,800	5,100	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
2-Nitrophenol	88-75-5	ug/l	290	820	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N6			MW-N6			MW-N6			MW-N6		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/09/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			FD			FD			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA
4-Chloroaniline	106-47-8	ug/l	150	410	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
4-Methylphenol	106-44-5	ug/l	180	510	NA	NA	NA	< 0.071	U	0.071	NA	NA	NA	< 0.071	U	0.071	NA	NA	NA
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	NA	NA	NA	***19***		0.024	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA
4-Nitrophenol	100-02-7	ug/l	60	60	NA	NA	NA	< 0.067	U	0.067	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA
Acenaphthene	83-32-9	ug/l	2,200	3,800	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Acenaphthylene	208-96-8	ug/l	2,200	6,100	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Acetophenone	98-86-2	ug/l	3,700	10,000	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Anthracene	120-12-7	ug/l	66	66	NA	NA	NA	0.051	J	0.049	NA	NA	NA	0.058	J	0.049	NA	NA	NA
Atrazine	1912-24-9	ug/l	3	3	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	NA	NA	NA	0.073	J	0.03	NA	NA	NA	< 0.030	U	0.03	NA	NA	NA
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA	< 0.027	U	0.027	NA	NA	NA
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	NA	NA	NA	0.07	J	0.038	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA
Biphenyl	92-52-4	ug/l	1,800	5,100	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	NA	NA	NA	< 2	B	2	NA	NA	NA	< 1.8	B	1.8	NA	NA	NA
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	NA	NA	NA	< 0.43	B	0.43	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA
Caprolactum	105-60-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 4.8	B	4.8	NA	NA	NA
Carbazole	86-74-8	ug/l	33	130	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Chrysene	218-01-9	ug/l	1.9	1.9	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	NA	NA	NA	0.058	J	0.051	NA	NA	NA	0.084	J	0.052	NA	NA	NA
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	0.33	J	0.24	NA	NA	NA
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	NA	NA	NA	< 0.11	B	0.11	NA	NA	NA	< 0.13	B	0.13	NA	NA	NA
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	NA	NA	NA	0.13	J	0.041	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Fluoranthene	206-44-0	ug/l	260	260	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
Fluorene	86-73-7	ug/l	1,500	1,900	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	0.064	J	0.053	NA	NA	NA
Hexachlorobenzene	118-74-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	1	1	NA	NA	NA	< 0.036	U	0.036	NA	NA	NA	< 0.036	U	0.036	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	NA	NA	NA	< 0.077	U	0.077	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA
Hexachloroethane	67-72-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
Isophorone	78-59-1	ug/l	100	100	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
Naphthalene	91-20-3	ug/l	100	100	NA	NA	NA	0.053	J	0.041	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N6			MW-N6			MW-N6			MW-N6		
	Sample Date:		Used Aquifers		07/08/2008			07/08/2008			09/09/2008			09/09/2008			09/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			FD			FD			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA	< 0.062	U	0.062	NA	NA	NA
N-Nitroso-dl-n-propylamine	621-64-7	ug/l	0.094	0.37	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA
Pentachlorophenol	87-86-5	ug/l	1	1	NA	NA	NA	< 0.08	U	0.08	NA	NA	NA	< 0.081	U	0.081	NA	NA	NA
Phenanthrene	85-01-8	ug/l	1,100	1,100	NA	NA	NA	< 0.27	B	0.27	NA	NA	NA	< 0.38	B	0.38	NA	NA	NA
Phenol	108-95-2	ug/l	4,000	4,000	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA
Pyrene	129-00-0	ug/l	130	130	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA

Notes:
1) N.S. = No Standard
2) N = Primary Sample
3) FD = Field Duplicate
4) NA = Results not available.
5) T = Total Results
6) D = Dissolved Results
7) RDL = Reporting Detection Limit
8) WG = Groundwater
9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics*.
10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**
11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N7			MW-N7			MW-N7			MW-N7		
	Sample Date:		Used Aquifers		09/09/2008			07/09/2008			07/09/2008			07/09/2008			07/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			FD			FD			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	< 12.8	B	12.8	< 6.4	B	6.4	71.9	K	1.2	< 3	B	3	49.8	K	1.2
Antimony	7440-36-0	ug/l	6	6	0.3	J	0.047	< 0.36	B	0.36	< 0.25	B	0.25	< 0.49	B	0.49	0.28	J	0.047
Arsenic	7440-38-2	ug/l	10	10	< 1.2	B	1.2	5.5		0.14	5.7		0.14	5.5		0.14	5.4		0.14
Barium	7440-39-3	ug/l	2,000	2,000	41.3		0.076	170		0.076	166		0.076	166		0.076	156		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	72,500		6.3	127,000		6.3	126,000		6.3	128,000		6.3	120,000		6.3
Chromium	7440-47-3	ug/l	100	100	< 4.1	B	4.1	< 4.5	B	4.5	14		0.11	< 3.6	B	3.6	< 9.5	B	9.5
Cobalt	7440-48-4	ug/l	730	2,000	0.35	J	0.017	1.5		0.017	2.1		0.017	1.5		0.017	1.7		0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 1.2	B	1.2	< 1.8	B	1.8	< 2.7	B	2.7	< 1.6	B	1.6	< 2.1	B	2.1
Iron	7439-89-6	ug/l	N.S.	N.S.	< 7.4	U	7.4	5,340		7.4	5,630	K	7.4	4,990		7.4	4,910	K	7.4
Lead	7439-92-1	ug/l	5	5	< 0.081	B	0.081	< 0.68	B	0.68	< 1.1	B	1.1	< 0.85	B	0.85	< 0.83	B	0.83
Magnesium	7439-95-4	ug/l	N.S.	N.S.	14,100		3.4	13,200		3.4	12,800		3.4	13,200		3.4	12,300		3.4
Manganese	7439-96-5	ug/l	300	300	***304***		0.047	***878***		0.047	***828***		0.047	***831***		0.047	***729***		0.047
Nickel	7440-02-0	ug/l	100	100	< 0.87	B	0.87	8		0.073	8.7		0.073	7.7		0.073	5.7		0.073
Potassium	7440-09-7	ug/l	N.S.	N.S.	13,500	J	5.6	3,940		5.6	3,960		5.6	3,920		5.6	3,820		5.6
Selenium	7782-49-2	ug/l	50	50	< 1.6	B	1.6	< 0.56	B	0.56	0.61	J	0.21	< 0.52	B	0.52	0.38	J	0.21
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	0.11	J	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	25,400		7	15,500		7	14,700		7	15,800		7	16,100		7
Thallium	7440-28-0	ug/l	2	2	< 0.089	B	0.089	< 0.16	B	0.16	< 0.11	B	0.11	< 0.063	B	0.063	< 0.18	B	0.18
Vanadium	7440-62-2	ug/l	260	720	< 1.1	B	1.1	0.76	J	0.097	< 0.13	B	0.13	0.43	J	0.097	< 0.097	U	0.097
Zinc	7440-66-6	ug/l	2,000	2,000	< 5.7	B	5.7	48.1		0.6	< 14.3	B	14.3	53.4		0.6	< 12.7	B	12.7
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	410		10	NA	NA	NA	446		10	NA	NA	NA	452		10
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	< 0.0074	U	0.0074	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0073	U	0.0073
4,4-DDE	72-55-9	ug/l	1.9	7.6	< 0.0065	U	0.0065	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA	< 0.0064	U	0.0064
4,4-DDT	50-29-3	ug/l	1.9	5.5	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013
Aldrin	309-00-2	ug/l	0.0087	0.037	< 0.011	U	0.011	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA	< 0.010	U	0.01
alpha-BHC	319-84-6	ug/l	0.1	0.41	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
alpha-Chlordane	5103-71-9	ug/l	2	2	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011
alpha-Endosulfan	959-98-8	ug/l	220	500	< 0.0071	U	0.0071	NA	NA	NA	< 0.007	U	0.007	NA	NA	NA	< 0.007	U	0.007
beta-BHC	319-85-7	ug/l	0.37	1.4	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
beta-Endosulfan	33213-65-9	ug/l	220	450	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
delta-BHC	319-86-8	ug/l	22	61	< 0.0091	U	0.0091	NA	NA	NA	< 0.0089	U	0.0089	NA	NA	NA	< 0.0089	U	0.0089
Dieldrin	60-57-1	ug/l	0.041	0.16	< 0.0077	U	0.0077	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0075	U	0.0075
Endosulfan Sulfate	1031-07-8	ug/l	120	120	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015
Endrin	72-20-8	ug/l	2	2	< 0.0073	U	0.0073	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.0072	U	0.0072
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	< 0.012	U	0.012	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	< 0.0096	U	0.0096	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA	< 0.0094	U	0.0094

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N7			MW-N7			MW-N7			MW-N7		
	Sample Date:		Used Aquifers		09/09/2008			07/09/2008			07/09/2008			07/09/2008			07/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			FD			FD			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
gamma-Chlordane	5566-34-7	ug/l	2	2	< 0.0072	U	0.0072	NA	NA	NA	< 0.0071	U	0.0071	NA	NA	NA	< 0.0071	U	0.0071
Heptachlor	76-44-8	ug/l	0.4	0.4	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	< 0.0095	U	0.0095	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA	< 0.0093	U	0.0093
Methoxychlor	72-43-5	ug/l	40	40	< 0.018	U	0.018	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA	< 0.017	U	0.017
Toxaphene	8001-35-2	ug/l	3	3	< 0.39	U	0.39	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA	< 0.39	U	0.39
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	< 0.10	U	0.1	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA	< 0.095	U	0.095
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	< 0.10	U	0.1	NA	NA	NA	< 0.094	U	0.094	NA	NA	NA	< 0.094	U	0.094
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	< 0.074	U	0.074	NA	NA	NA	< 0.07	U	0.07	NA	NA	NA	< 0.07	U	0.07
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	< 0.091	U	0.091	NA	NA	NA	< 0.085	U	0.085	NA	NA	NA	< 0.085	U	0.085
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	< 0.092	U	0.092	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.086	U	0.086
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	< 0.054	U	0.054	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	< 0.15	U	0.15	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
1,1-Dichloroethane	75-34-3	ug/l	27	110	< 0.24	U	0.24	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19
1,1-Dichloroethene	75-35-4	ug/l	7	7	< 0.28	U	0.28	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	< 0.15	U	0.15	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	< 0.22	U	0.22	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.086	U	0.086
1,2-Dichloroethane	107-06-2	ug/l	5	5	< 0.21	U	0.21	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA	< 0.076	U	0.076
1,2-Dichloropropane	78-87-5	ug/l	5	5	< 0.18	U	0.18	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.24	U	0.24
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	< 0.16	U	0.16	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	< 0.18	U	0.18	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA	< 0.1	U	0.1
2-Butanone	78-93-3	ug/l	4,000	4,000	< 0.50	U	0.5	NA	NA	NA	< 0.65	U	0.65	NA	NA	NA	0.99	J	0.65
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	< 0.53	U	0.53	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA	< 0.55	U	0.55
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	< 0.23	U	0.23	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA	< 0.61	U	0.61
Acetone	67-64-1	ug/l	3,700	10,000	< 2.5	U	2.5	NA	NA	NA	< 5.2	B	5.2	NA	NA	NA	< 8	B	8
Benzene	71-43-2	ug/l	5	5	< 0.27	U	0.27	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19
Bromodichloromethane	75-27-4	ug/l	100	100	< 0.20	U	0.2	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA	< 0.099	U	0.099
Bromoform	75-25-2	ug/l	80	80	< 0.25	U	0.25	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.27	U	0.27
Bromomethane	74-83-9	ug/l	10	10	< 0.30	U	0.3	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.18	U	0.18
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	< 0.20	U	0.2	NA	NA	NA	0.17	J	0.11	NA	NA	NA	< 0.11	U	0.11
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.30	U	0.3	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
Chlorobenzene	108-90-7	ug/l	100	100	< 0.23	U	0.23	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA	< 0.33	U	0.33
Chloroethane	75-00-3	ug/l	230	900	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Chloroform	67-66-3	ug/l	80	80	< 0.24	U	0.24	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.068	U	0.068
Chloromethane	74-87-3	ug/l	30	30	< 0.27	U	0.27	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.14	U	0.14

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N7			MW-N7			MW-N7			MW-N7		
	Sample Date:		Used Aquifers		09/09/2008			07/09/2008			07/09/2008			07/09/2008			07/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			FD			FD			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	0.76	J	0.27	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA	< 0.09	U	0.09
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	< 0.19	U	0.19	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.13	U	0.13
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	< 0.30	U	0.3	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Dibromochloromethane	124-48-1	ug/l	80	80	< 0.16	U	0.16	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	< 0.26	U	0.26	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23
Ethylbenzene	100-41-4	ug/l	700	700	< 0.18	U	0.18	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.066	U	0.066
Freon 113	76-13-1	ug/l	83,000	170,000	< 0.30	U	0.3	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA	< 0.14	U	0.14
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	< 0.22	U	0.22	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.27	U	0.27
Methyl Acetate	79-20-9	ug/l	37,000	100,000	< 0.10	U	0.1	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	< 0.32	U	0.32	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.18	U	0.18
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	< 0.20	U	0.2	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA	< 0.13	U	0.13
Methylene Chloride	75-09-2	ug/l	5	5	< 0.32	U	0.32	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.19	U	0.19
Styrene	100-42-5	ug/l	100	100	< 0.22	U	0.22	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.25	U	0.25
Tetrachloroethene	127-18-4	ug/l	5	5	< 0.24	U	0.24	NA	NA	NA	< 0.088	U	0.088	NA	NA	NA	< 0.088	U	0.088
Toluene	108-88-3	ug/l	1,000	1,000	< 0.23	U	0.23	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.21	U	0.21
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	< 0.27	U	0.27	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA	< 0.097	U	0.097
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	< 0.18	U	0.18	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.16	U	0.16
Trichloroethene	79-01-6	ug/l	5	5	< 0.29	U	0.29	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.22	U	0.22
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	< 0.080	U	0.08	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA	< 0.17	U	0.17
Vinyl Chloride	75-01-4	ug/l	2	2	< 0.29	U	0.29	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.11	U	0.11
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	< 0.62	U	0.62	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA	< 0.2	U	0.2
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	< 0.062	U	0.062	NA	NA	NA	< 0.063	U	0.063	NA	NA	NA	< 0.063	U	0.063
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	< 0.056	U	0.056	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.057	U	0.057
2,4-Dichlorophenol	120-83-2	ug/l	20	20	< 0.048	U	0.048	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.049	U	0.049
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	0.13	J	0.051	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.052	U	0.052
2,4-Dinitrophenol	51-28-5	ug/l	19	41	< 1.3	U	1.3	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA	< 1.3	U	1.3
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	< 0.050	U	0.05	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.044	U	0.044
2-Chlorophenol	95-57-8	ug/l	40	40	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	0.066	J	0.046	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047
2-Methylphenol	95-48-7	ug/l	1,800	5,100	0.067	J	0.051	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.051	U	0.051
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	< 0.047	U	0.047	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.048	U	0.048
2-Nitrophenol	88-75-5	ug/l	290	820	< 0.053	U	0.053	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.054	U	0.054
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.041	U	0.041
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	< 0.040	U	0.04	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.04	U	0.04
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	< 1.4	U	1.4	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA	< 1.4	U	1.4

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N7			MW-N7			MW-N7			MW-N7		
	Sample Date:		Used Aquifers		09/09/2008			07/09/2008			07/09/2008			07/09/2008			07/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			FD			FD			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	< 0.049	U	0.049	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	< 0.05	U	0.05
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	< 0.058	U	0.058	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.059	U	0.059
4-Chloroaniline	106-47-8	ug/l	150	410	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	< 0.042	U	0.042	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043
4-Methylphenol	106-44-5	ug/l	180	510	0.46	J	0.073	NA	NA	NA	5	J	0.074	NA	NA	NA	< 0.074	UJ	0.074
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	< 0.025	U	0.025	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.025	U	0.025
4-Nitrophenol	100-02-7	ug/l	60	60	< 0.069	U	0.069	NA	NA	NA	< 0.07	U	0.07	NA	NA	NA	< 0.07	U	0.07
Acenaphthene	83-32-9	ug/l	2,200	3,800	0.12	J	0.052	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.052	U	0.052
Acenaphthylene	208-96-8	ug/l	2,200	6,100	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046
Acetophenone	98-86-2	ug/l	3,700	10,000	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	0.19	J	0.046
Anthracene	120-12-7	ug/l	66	66	0.17	J	0.05	NA	NA	NA	0.19	J	0.051	NA	NA	NA	< 0.051	U	0.051
Atrazine	1912-24-9	ug/l	3	3	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	< 0.054	U	0.054	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	0.17	J	0.054
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	0.089	J	0.041	NA	NA	NA	*2.1*	J	0.041	NA	NA	NA	< 0.041	UJ	0.041
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	0.058	J	0.043	NA	NA	NA	***2.1***	J	0.044	NA	NA	NA	< 0.044	UJ	0.044
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	< 0.031	U	0.031	NA	NA	NA	***1.9***	J	0.031	NA	NA	NA	< 0.031	UJ	0.031
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	0.047	J	0.027	NA	NA	NA	***2.9***	J	0.027	NA	NA	NA	< 0.027	UJ	0.027
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	< 0.039	U	0.039	NA	NA	NA	***2.4***	J	0.039	NA	NA	NA	< 0.039	UJ	0.039
Biphenyl	92-52-4	ug/l	1,800	5,100	< 0.060	U	0.06	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA	< 0.06	U	0.06
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.12	U	0.12
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.046	U	0.046
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	< 0.026	U	0.026	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA	< 0.026	U	0.026
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	< 3.6	B	3.6	NA	NA	NA	***11***	J	0.12	NA	NA	NA	4.1	J	0.12
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	< 0.14	U	0.14	NA	NA	NA	0.48	J	0.14	NA	NA	NA	0.61	J	0.14
Caprolactum	105-60-2	ug/l	N.S.	N.S.	< 0.19	U	0.19	NA	NA	NA	< 0.19	UJ	0.19	NA	NA	NA	12	J	0.19
Carbazole	86-74-8	ug/l	33	130	0.12	J	0.052	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.052	U	0.052
Chrysene	218-01-9	ug/l	1.9	1.9	0.11	J	0.035	NA	NA	NA	***2.3***	J	0.036	NA	NA	NA	< 0.036	UJ	0.036
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	< 0.034	U	0.034	NA	NA	NA	***3***	J	0.035	NA	NA	NA	< 0.035	UJ	0.035
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	0.17	J	0.053	NA	NA	NA	0.086	J	0.053	NA	NA	NA	0.1	J	0.053
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	< 0.24	U	0.24	NA	NA	NA	0.3	J	0.24	NA	NA	NA	0.78	J	0.24
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	< 0.16	B	0.16	NA	NA	NA	< 0.23	B	0.23	NA	NA	NA	< 0.4	B	0.4
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	< 0.042	U	0.042	NA	NA	NA	1.6		0.043	NA	NA	NA	< 0.043	U	0.043
Fluoranthene	206-44-0	ug/l	260	260	0.12	J	0.049	NA	NA	NA	0.25		0.049	NA	NA	NA	0.075	J	0.049
Fluorene	86-73-7	ug/l	1,500	1,900	0.13	J	0.054	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	0.099	J	0.054
Hexachlorobenzene	118-74-1	ug/l	1	1	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043
Hexachlorobutadiene	87-68-3	ug/l	1	1	< 0.037	U	0.037	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.038	U	0.038
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	< 0.079	U	0.079	NA	NA	NA	< 0.08	U	0.08	NA	NA	NA	< 0.08	U	0.08
Hexachloroethane	67-72-1	ug/l	1	1	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.043	U	0.043
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	0.063	J	0.047	NA	NA	NA	*2.8*	J	0.048	NA	NA	NA	< 0.048	UJ	0.048
Isophorone	78-59-1	ug/l	100	100	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.047	U	0.047
Naphthalene	91-20-3	ug/l	100	100	< 0.043	U	0.043	NA	NA	NA	< 0.069	B	0.069	NA	NA	NA	< 0.096	B	0.096

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N6			MW-N7			MW-N7			MW-N7			MW-N7		
	Sample Date:		Used Aquifers		09/09/2008			07/09/2008			07/09/2008			07/09/2008			07/09/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			FD			FD			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	< 0.063	U	0.063	NA	NA	NA	< 0.064	U	0.064	NA	NA	NA	< 0.064	U	0.064
N-Nitroso-di-n-propylamine	621-64-7	ug/l	0.094	0.37	< 0.059	U	0.059	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.059	U	0.059
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	< 0.048	U	0.048	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.049	U	0.049
Pentachlorophenol	87-86-5	ug/l	1	1	< 0.082	U	0.082	NA	NA	NA	< 0.083	U	0.083	NA	NA	NA	< 0.083	U	0.083
Phenanthrene	85-01-8	ug/l	1,100	1,100	< 0.23	B	0.23	NA	NA	NA	< 0.43	B	0.43	NA	NA	NA	0.47		0.055
Phenol	108-95-2	ug/l	4,000	4,000	< 0.022	U	0.022	NA	NA	NA	3.2	J	0.022	NA	NA	NA	< 0.022	UJ	0.022
Pyrene	129-00-0	ug/l	130	130	0.087	J	0.056	NA	NA	NA	0.21		0.057	NA	NA	NA	< 0.057	U	0.057

Notes:

1) N.S. = No Standard

2) N = Primary Sample

3) FD = Field Duplicate

4) NA = Results not available.

5) T = Total Results

6) D = Dissolved Results

7) RDL = Reporting Detection Limit

8) WG = Groundwater

9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics*.

10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**

11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N7			MW-N7			MW-N8			MW-N8			MW-N8		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	< 2.6	B	2.6	< 49.4	B	49.4	< 1.3	B	1.3	< 128	B	128	< 2.2	B	2.2
Antimony	7440-36-0	ug/l	6	6	0.21	J	0.047	0.45	J	0.047	< 0.047	U	0.047	< 0.12	B	0.12	0.085	J	0.047
Arsenic	7440-38-2	ug/l	10	10	7.2		0.14	6.1		0.14	0.42	J	0.14	0.65	J	0.14	< 0.9	B	0.9
Barium	7440-39-3	ug/l	2,000	2,000	126		0.076	132		0.076	33.8		0.076	33.3		0.076	31.6		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	114,000		6.3	115,000		6.3	172,000		6.3	159,000		6.3	183,000		6.3
Chromium	7440-47-3	ug/l	100	100	< 3.9	B	3.9	< 4.6	B	4.6	< 4.4	B	4.4	< 3.7	B	3.7	< 6	B	6
Cobalt	7440-48-4	ug/l	730	2,000	0.94		0.017	0.9		0.017	2.2		0.017	2.3		0.017	2.4		0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 0.76	B	0.76	3.9		0.14	< 1.4	B	1.4	< 5	B	5	< 1.2	B	1.2
Iron	7439-89-6	ug/l	N.S.	N.S.	4,970		7.4	3,540		7.4	< 25.2	B	25.2	< 351	B	351	32	J	7.4
Lead	7439-92-1	ug/l	5	5	< 0.092	B	0.092	1.8		0.02	< 0.16	B	0.16	< 0.87	B	0.87	< 0.037	B	0.037
Magnesium	7439-95-4	ug/l	N.S.	N.S.	9,030		3.4	8,500		3.4	38,400		3.4	36,400		3.4	35,500		3.4
Manganese	7439-96-5	ug/l	300	300	***472***		0.047	***401***		0.047	***659***		0.047	***594***		0.047	***553***		0.047
Nickel	7440-02-0	ug/l	100	100	2		0.073	2.2		0.073	5.8		0.073	< 4.3	B	4.3	6.7		0.073
Potassium	7440-09-7	ug/l	N.S.	N.S.	4,920	J	5.6	4,860	J	5.6	1,770		5.6	1,680		5.6	1,980	J	5.6
Selenium	7782-49-2	ug/l	50	50	< 0.6	B	0.6	< 0.84	B	0.84	1.2	J	0.21	1.6	J	0.21	1.9	J	0.21
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	16,700		7	13,100		7	62,600		7	55,800		7	50,300		7
Thallium	7440-28-0	ug/l	2	2	< 0.079	B	0.079	0.094	J	0.018	< 0.026	B	0.026	< 0.059	B	0.059	< 0.083	B	0.083
Vanadium	7440-62-2	ug/l	260	720	< 0.097	U	0.097	< 0.64	B	0.64	< 0.097	U	0.097	< 0.9	B	0.9	< 0.097	U	0.097
Zinc	7440-66-6	ug/l	2,000	2,000	< 10.5	B	10.5	< 18.9	B	18.9	< 10.6	B	10.6	< 14.7	B	14.7	7.3		0.6
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.064	B	0.064
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	NA	NA	NA	413		10	NA	NA	NA	1,050		10	NA	NA	NA
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA
4,4-DDE	72-55-9	ug/l	1.9	7.6	NA	NA	NA	< 0.0066	U	0.0066	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA
4,4-DDT	50-29-3	ug/l	1.9	5.5	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA
Aldrin	309-00-2	ug/l	0.0087	0.037	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA
alpha-BHC	319-84-6	ug/l	0.1	0.41	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
alpha-Chlordane	5103-71-9	ug/l	2	2	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
alpha-Endosulfan	959-98-8	ug/l	220	500	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.007	U	0.007	NA	NA	NA
beta-BHC	319-85-7	ug/l	0.37	1.4	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
beta-Endosulfan	33213-65-9	ug/l	220	450	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
delta-BHC	319-86-8	ug/l	22	61	NA	NA	NA	< 0.0092	U	0.0092	NA	NA	NA	< 0.0089	U	0.0089	NA	NA	NA
Dieldrin	60-57-1	ug/l	0.041	0.16	NA	NA	NA	< 0.0078	U	0.0078	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/l	120	120	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA
Endrin	72-20-8	ug/l	2	2	NA	NA	NA	< 0.0074	U	0.0074	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	NA	NA	NA	< 0.012	U	0.012	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.0097	U	0.0097	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N7			MW-N7			MW-N8			MW-N8			MW-N8		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA
gamma-Chlordane	5566-34-7	ug/l	2	2	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0071	U	0.0071	NA	NA	NA
Heptachlor	76-44-8	ug/l	0.4	0.4	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	NA	NA	NA	< 0.0096	U	0.0096	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA
Methoxychlor	72-43-5	ug/l	40	40	NA	NA	NA	< 0.018	U	0.018	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA
Toxaphene	8001-35-2	ug/l	3	3	NA	NA	NA	< 0.40	U	0.4	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.094	U	0.094	NA	NA	NA
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	NA	NA	NA	< 0.074	U	0.074	NA	NA	NA	< 0.07	U	0.07	NA	NA	NA
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	NA	NA	NA	< 0.091	U	0.091	NA	NA	NA	< 0.085	U	0.085	NA	NA	NA
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	NA	NA	NA	< 0.092	U	0.092	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	NA	NA	NA	< 0.054	U	0.054	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/l	27	110	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
1,1-Dichloroethene	75-35-4	ug/l	7	7	NA	NA	NA	< 0.28	U	0.28	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	NA	NA	NA	< 0.15	U	0.15	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/l	5	5	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA	< 0.076	U	0.076	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/l	5	5	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.1	U	0.1	NA	NA	NA
2-Butanone	78-93-3	ug/l	4,000	4,000	NA	NA	NA	< 0.50	U	0.5	NA	NA	NA	< 0.65	U	0.65	NA	NA	NA
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.53	U	0.53	NA	NA	NA	< 0.55	U	0.55	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.61	U	0.61	NA	NA	NA
Acetone	67-64-1	ug/l	3,700	10,000	NA	NA	NA	< 16	B	16	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA
Benzene	71-43-2	ug/l	5	5	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
Bromodichloromethane	75-27-4	ug/l	100	100	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.099	U	0.099	NA	NA	NA
Bromoform	75-25-2	ug/l	80	80	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
Bromomethane	74-83-9	ug/l	10	10	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Carbon Tetrachloride	56-23-5	ug/l	5	5	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Chlorobenzene	108-90-7	ug/l	100	100	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.33	U	0.33	NA	NA	NA
Chloroethane	75-00-3	ug/l	230	900	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Chloroform	67-66-3	ug/l	80	80	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA
Chloromethane	74-87-3	ug/l	30	30	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N7			MW-N7			MW-N8			MW-N8			MW-N8		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.09	U	0.09	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Dibromochloromethane	124-48-1	ug/l	80	80	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	NA	NA	NA	< 0.26	U	0.26	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Ethylbenzene	100-41-4	ug/l	700	700	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA
Freon 113	76-13-1	ug/l	83,000	170,000	NA	NA	NA	< 0.30	U	0.3	NA	NA	NA	< 0.14	U	0.14	NA	NA	NA
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA
Methyl Acetate	79-20-9	ug/l	37,000	100,000	NA	NA	NA	< 0.10	U	0.1	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	NA	NA	NA	< 0.20	U	0.2	NA	NA	NA	< 0.13	U	0.13	NA	NA	NA
Methylene Chloride	75-09-2	ug/l	5	5	NA	NA	NA	< 0.32	U	0.32	NA	NA	NA	< 0.19	U	0.19	NA	NA	NA
Styrene	100-42-5	ug/l	100	100	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	< 0.25	U	0.25	NA	NA	NA
Tetrachloroethene	127-18-4	ug/l	5	5	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	***12***		0.088	NA	NA	NA
Toluene	108-88-3	ug/l	1,000	1,000	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.21	U	0.21	NA	NA	NA
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	NA	NA	NA	< 0.27	U	0.27	NA	NA	NA	< 0.097	U	0.097	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.16	U	0.16	NA	NA	NA
Trichloroethene	79-01-6	ug/l	5	5	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	NA	NA	NA	< 0.080	U	0.08	NA	NA	NA	< 0.17	U	0.17	NA	NA	NA
Vinyl Chloride	75-01-4	ug/l	2	2	NA	NA	NA	< 0.29	U	0.29	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	NA	NA	NA	< 0.62	U	0.62	NA	NA	NA	< 0.2	U	0.2	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	NA	NA	NA	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	NA	NA	NA	< 0.061	U	0.061	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	20	20	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/l	19	41	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA
2-Chlorophenol	95-57-8	ug/l	40	40	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
2-Methylphenol	95-48-7	ug/l	1,800	5,100	NA	NA	NA	< 0.050	U	0.05	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
2-Nitrophenol	88-75-5	ug/l	290	820	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	NA	NA	NA	< 1.4	U	1.4	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N7			MW-N7			MW-N8			MW-N8			MW-N8		
	Sample Date:		Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA
4-Chloroaniline	106-47-8	ug/l	150	410	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA
4-Methylphenol	106-44-5	ug/l	180	510	NA	NA	NA	< 0.071	U	0.071	NA	NA	NA	< 0.069	U	0.069	NA	NA	NA
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA
4-Nitrophenol	100-02-7	ug/l	,60	60	NA	NA	NA	< 0.068	U	0.068	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA
Acenaphthene	83-32-9	ug/l	2,200	3,800	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
Acenaphthylene	208-96-8	ug/l	2,200	6,100	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
Acetophenone	98-86-2	ug/l	3,700	10,000	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA
Anthracene	120-12-7	ug/l	66	66	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA
Atrazine	1912-24-9	ug/l	3	3	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	NA	NA	NA	< 0.040	U	0.04	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	NA	NA	NA	< 0.030	U	0.03	NA	NA	NA	< 0.029	U	0.029	NA	NA	NA
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	NA	NA	NA	< 0.027	U	0.027	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA
Biphenyl	92-52-4	ug/l	1,800	5,100	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	NA	NA	NA	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	NA	NA	NA	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	NA	NA	NA	< 0.24	B	0.24	NA	NA	NA	< 0.67	B	0.67	NA	NA	NA
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	NA	NA	NA	0.13	J	0.13	NA	NA	NA	< 0.25	B	0.25	NA	NA	NA
Caprolactum	105-60-2	ug/l	N.S.	N.S.	NA	NA	NA	< 1	B	1	NA	NA	NA	< 0.6	B	0.6	NA	NA	NA
Carbazole	86-74-8	ug/l	33	130	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA
Chrysene	218-01-9	ug/l	1.9	1.9	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	NA	NA	NA	< 0.034	U	0.034	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	NA	NA	NA	0.084	J	0.052	NA	NA	NA	0.053	J	0.05	NA	NA	NA
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	NA	NA	NA	< 0.24	U	0.24	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	NA	NA	NA	0.076	J	0.045	NA	NA	NA	< 0.12	B	0.12	NA	NA	NA
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	0.064	J	0.04	NA	NA	NA
Fluoranthene	206-44-0	ug/l	260	260	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA
Fluorene	86-73-7	ug/l	1,500	1,900	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA
Hexachlorobenzene	118-74-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	1	1	NA	NA	NA	< 0.036	U	0.036	NA	NA	NA	< 0.035	U	0.035	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA	< 0.075	U	0.075	NA	NA	NA
Hexachloroethane	67-72-1	ug/l	1	1	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Isophorone	78-59-1	ug/l	100	100	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA
Naphthalene	91-20-3	ug/l	100	100	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

Sample Location:			PADEP MSCs		MW-N7			MW-N7			MW-N8			MW-N8			MW-N8		
Sample Date:			Used Aquifers		09/10/2008			09/10/2008			07/08/2008			07/08/2008			09/10/2008		
Matrix Code:					WG			WG			WG			WG			WG		
Sample Typ Code:			TDS<=2500		N			N			N			N			N		
Fraction:					D			T			D			T			D		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	NA	NA	NA	< 0.062	U	0.062	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA
N-Nitroso-di-n-propylamine	621-64-7	ug/l	0.094	0.37	NA	NA	NA	< 0.058	U	0.058	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA
Pentachlorophenol	87-86-5	ug/l	1	1	NA	NA	NA	< 0.081	U	0.081	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA
Phenanthrene	85-01-8	ug/l	1,100	1,100	NA	NA	NA	0.15	J	0.053	NA	NA	NA	< 0.052	U	0.052	NA	NA	NA
Phenol	108-95-2	ug/l	4,000	4,000	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA
Pyrene	129-00-0	ug/l	130	130	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA

Notes:

1) N.S. = No Standard

2) N = Primary Sample

3) FD = Field Duplicate

4) NA = Results not available.

5) T = Total Results

6) D = Dissolved Results

7) RDL = Reporting Detection Limit

8) WG = Groundwater

9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics.*

10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**

11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N8			MW-N9			MW-N9			MW-N9			MW-N9		
	Sample Date:		Used Aquifers		09/10/2008			07/09/2008			07/09/2008			09/10/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Inorganics																			
Aluminum	7429-90-5	ug/l	N.S.	N.S.	239		1.2	< 5	B	S	408	K	1.2	< 4.2	B	4.2	3,000		1.2
Antimony	7440-36-0	ug/l	6	6	0.094	J	0.047	< 0.4	B	0.4	0.38	J	0.047	0.049	J	0.047	0.3	J	0.047
Arsenic	7440-38-2	ug/l	10	10	< 1.1	B	1.1	4.8		0.14	5		0.14	***22***		0.14	***19.1***		0.14
Barium	7440-39-3	ug/l	2,000	2,000	32.1		0.076	120		0.076	119		0.076	92.7		0.076	112		0.076
Beryllium	7440-41-7	ug/l	4	4	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	< 0.068	U	0.068	0.1	J	0.068
Cadmium	7440-43-9	ug/l	5	5	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11	< 0.11	U	0.11
Calcium	7440-70-2	ug/l	N.S.	N.S.	180,000		6.3	82,400		6.3	79,200		6.3	83,500		6.3	81,200		6.3
Chromium	7440-47-3	ug/l	100	100	< 6.9	B	6.9	< 2.4	B	2.4	16.3		0.11	< 5	B	5	35.5		0.11
Cobalt	7440-48-4	ug/l	730	2,000	2.4		0.017	0.54		0.017	1.5		0.017	0.32	J	0.017	1.5		0.017
Copper	7440-50-8	ug/l	1,000	1,000	< 1.7	B	1.7	< 0.6	B	0.6	< 3.4	B	3.4	< 0.26	B	0.26	6		0.14
Iron	7439-89-6	ug/l	N.S.	N.S.	471		7.4	< 45	B	45	790	K	7.4	413		7.4	3,900		7.4
Lead	7439-92-1	ug/l	5	5	0.67	J	0.02	< 0.18	B	0.18	***6.2***		0.02	< 0.020	U	0.02	***15.1***		0.02
Magnesium	7439-95-4	ug/l	N.S.	N.S.	35,900		3.4	17,600		3.4	16,600		3.4	13,800		3.4	14,300		3.4
Manganese	7439-96-5	ug/l	300	300	***520***		0.047	166		0.047	231		0.047	284		0.047	***320***		0.047
Nickel	7440-02-0	ug/l	100	100	6.3		0.073	< 2.5	B	2.5	10.6		0.073	3.5		0.073	22.9		0.073
Potassium	7440-09-7	ug/l	N.S.	N.S.	1,920	J	5.6	1,950		5.6	2,120		5.6	1,440	J	5.6	2,230	J	5.6
Selenium	7782-49-2	ug/l	50	50	1.9	J	0.21	< 0.49	B	0.49	0.26	J	0.21	< 0.6	B	0.6	< 0.54	B	0.54
Silver	7440-22-4	ug/l	100	100	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077	< 0.077	U	0.077
Sodium	7440-23-5	ug/l	N.S.	N.S.	44,500		7	19,600		7	20,900		7	12,700		7	12,200		7
Thallium	7440-28-0	ug/l	2	2	0.071	J	0.018	< 0.16	B	0.16	< 0.14	B	0.14	< 0.039	B	0.039	0.089	J	0.018
Vanadium	7440-62-2	ug/l	260	720	< 0.54	B	0.54	0.56	J	0.097	< 1.1	B	1.1	< 0.097	U	0.097	< 3.3	B	3.3
Zinc	7440-66-6	ug/l	2,000	2,000	< 8.9	B	8.9	< 5.9	B	5.9	< 20.4	B	20.4	< 3.4	B	3.4	< 18	B	18
Mercury	7439-97-6	ug/l	2	2	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055	< 0.055	U	0.055
Cyanide	57-12-5	ug/l	200	200	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7	< 1.7	U	1.7
Total Dissolved Solids	TDS	mg/l	N.S.	N.S.	992		10	NA	NA	NA	373		10	NA	NA	NA	362		10
Pesticides																			
4,4-DDD	72-54-8	ug/l	0.62	2.7	< 0.0073	U	0.0073	NA	NA	NA	< 0.0073	U	0.0073	NA	NA	NA	< 0.0076	U	0.0076
4,4-DDE	72-55-9	ug/l	1.9	7.6	< 0.0064	U	0.0064	NA	NA	NA	< 0.0064	U	0.0064	NA	NA	NA	< 0.0067	U	0.0067
4,4-DDT	50-29-3	ug/l	1.9	5.5	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.014	U	0.014
Aldrin	309-00-2	ug/l	0.0087	0.037	< 0.011	U	0.011	NA	NA	NA	< 0.010	U	0.01	NA	NA	NA	< 0.011	U	0.011
alpha-BHC	319-84-6	ug/l	0.1	0.41	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.015	U	0.015
alpha-Chlordane	5103-71-9	ug/l	2	2	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011
alpha-Endosulfan	959-98-8	ug/l	220	500	< 0.0070	U	0.007	NA	NA	NA	< 0.007	U	0.007	NA	NA	NA	< 0.0073	U	0.0073
beta-BHC	319-85-7	ug/l	0.37	1.4	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014
beta-Endosulfan	33213-65-9	ug/l	220	450	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.015	U	0.015
delta-BHC	319-86-8	ug/l	22	61	< 0.0090	U	0.009	NA	NA	NA	< 0.0089	U	0.0089	NA	NA	NA	< 0.0094	U	0.0094
Dieldrin	60-57-1	ug/l	0.041	0.16	< 0.0076	U	0.0076	NA	NA	NA	< 0.0075	U	0.0075	NA	NA	NA	< 0.0079	U	0.0079
Endosulfan Sulfate	1031-07-8	ug/l	120	120	< 0.015	U	0.015	NA	NA	NA	< 0.015	U	0.015	NA	NA	NA	< 0.016	U	0.016
Endrin	72-20-8	ug/l	2	2	< 0.0072	U	0.0072	NA	NA	NA	< 0.0072	U	0.0072	NA	NA	NA	< 0.0076	U	0.0076
Endrin Aldehyde	7421-93-4	ug/l	N.S.	N.S.	< 0.011	U	0.011	NA	NA	NA	< 0.011	U	0.011	NA	NA	NA	< 0.012	U	0.012
Endrin Ketone	53494-70-5	ug/l	N.S.	N.S.	< 0.0095	U	0.0095	NA	NA	NA	< 0.0094	U	0.0094	NA	NA	NA	< 0.0099	U	0.0099

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N8			MW-N9			MW-N9			MW-N9			MW-N9		
	Sample Date:		Used Aquifers		09/10/2008			07/09/2008			07/09/2008			09/10/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
gamma-BHC	58-89-9	ug/l	0.2	0.2	< 0.014	U	0.014	NA	NA	NA	< 0.014	U	0.014	NA	NA	NA	< 0.015	U	0.015
gamma-Chlordane	5566-34-7	ug/l	2	2	< 0.0072	U	0.0072	NA	NA	NA	< 0.0071	U	0.0071	NA	NA	NA	< 0.0075	U	0.0075
Heptachlor	76-44-8	ug/l	0.4	0.4	< 0.013	U	0.013	NA	NA	NA	< 0.013	U	0.013	NA	NA	NA	< 0.014	U	0.014
Heptachlor Epoxide	1024-57-3	ug/l	0.2	0.2	< 0.0094	U	0.0094	NA	NA	NA	< 0.0093	U	0.0093	NA	NA	NA	< 0.0098	U	0.0098
Methoxychlor	72-43-5	ug/l	40	40	< 0.017	U	0.017	NA	NA	NA	< 0.017	U	0.017	NA	NA	NA	< 0.018	U	0.018
Toxaphene	8001-35-2	ug/l	3	3	< 0.39	U	0.39	NA	NA	NA	< 0.39	U	0.39	NA	NA	NA	< 0.41	U	0.41
PCBs																			
Aroclor 1016	12674-11-2	ug/l	2.6	7.2	< 0.10	U	0.1	NA	NA	NA	< 0.095	U	0.095	NA	NA	NA	< 0.10	U	0.1
Aroclor 1221	11104-28-2	ug/l	1.3	5.2	< 0.10	U	0.1	NA	NA	NA	< 0.094	U	0.094	NA	NA	NA	< 0.10	U	0.1
Aroclor 1232	11141-16-5	ug/l	1.3	5.2	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12
Aroclor 1242	53469-21-9	ug/l	1.3	5.2	< 0.074	U	0.074	NA	NA	NA	< 0.07	U	0.07	NA	NA	NA	< 0.074	U	0.074
Aroclor 1248	12672-29-6	ug/l	0.37	1.4	< 0.091	U	0.091	NA	NA	NA	< 0.085	U	0.085	NA	NA	NA	< 0.091	U	0.091
Aroclor 1254	11097-69-1	ug/l	0.37	1.4	< 0.092	U	0.092	NA	NA	NA	< 0.086	U	0.086	NA	NA	NA	< 0.092	U	0.092
Aroclor 1260	11096-82-5	ug/l	1.1	4.3	< 0.054	U	0.054	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.054	U	0.054
Volatile Organic Compounds																			
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.2	0.2	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029	NA	NA	NA	< 0.0029	U	0.0029
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.05	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021	NA	NA	NA	< 0.0021	U	0.0021
1,1,1-Trichloroethane	71-55-6	ug/l	200	200	< 0.25	U	0.25	NA	NA	NA	< 2.7	U	2.7	NA	NA	NA	< 1.0	U	1
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	0.3	0.3	< 0.15	U	0.15	NA	NA	NA	< 5.5	U	5.5	NA	NA	NA	< 0.62	U	0.62
1,1,2-Trichloroethane	79-00-5	ug/l	5	5	< 0.20	U	0.2	NA	NA	NA	< 2.7	U	2.7	NA	NA	NA	< 0.78	U	0.78
1,1-Dichloroethane	75-34-3	ug/l	27	110	< 0.24	U	0.24	NA	NA	NA	< 4.7	U	4.7	NA	NA	NA	< 0.97	U	0.97
1,1-Dichloroethene	75-35-4	ug/l	7	7	< 0.28	U	0.28	NA	NA	NA	< 4.2	U	4.2	NA	NA	NA	< 1.1	U	1.1
1,2,4-Trichlorobenzene	120-82-1	ug/l	70	70	< 0.15	U	0.15	NA	NA	NA	< 2.7	U	2.7	NA	NA	NA	< 0.60	U	0.6
1,2-Dichlorobenzene	95-50-1	ug/l	600	600	< 0.22	U	0.22	NA	NA	NA	< 2.1	U	2.1	NA	NA	NA	< 0.87	U	0.87
1,2-Dichloroethane	107-06-2	ug/l	5	5	< 0.21	U	0.21	NA	NA	NA	< 1.9	U	1.9	NA	NA	NA	< 0.86	U	0.86
1,2-Dichloropropane	78-87-5	ug/l	5	5	< 0.18	U	0.18	NA	NA	NA	< 6.1	U	6.1	NA	NA	NA	< 0.72	U	0.72
1,3-Dichlorobenzene	541-73-1	ug/l	600	600	< 0.16	U	0.16	NA	NA	NA	< 2.6	U	2.6	NA	NA	NA	< 0.65	U	0.65
1,4-Dichlorobenzene	106-46-7	ug/l	75	75	< 0.18	U	0.18	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA	< 0.71	U	0.71
2-Butanone	78-93-3	ug/l	4,000	4,000	< 0.50	U	0.5	NA	NA	NA	< 16	U	16	NA	NA	NA	< 2.0	U	2
2-Hexanone	591-78-6	ug/l	N.S.	N.S.	< 0.53	U	0.53	NA	NA	NA	< 14	U	14	NA	NA	NA	< 2.1	U	2.1
4-Methyl-2-pentanone	108-10-1	ug/l	190	410	< 0.23	U	0.23	NA	NA	NA	< 15	U	15	NA	NA	NA	< 0.90	U	0.9
Acetone	67-64-1	ug/l	3,700	10,000	< 5.4	B	5.4	NA	NA	NA	< 62	U	62	NA	NA	NA	< 10	U	10
Benzene	71-43-2	ug/l	5	5	0.45	J	0.27	NA	NA	NA	< 4.7	U	4.7	NA	NA	NA	< 1.1	U	1.1
Bromodichloromethane	75-27-4	ug/l	100	100	< 0.20	U	0.2	NA	NA	NA	< 2.5	U	2.5	NA	NA	NA	< 0.81	U	0.81
Bromoform	75-25-2	ug/l	80	80	< 0.25	U	0.25	NA	NA	NA	< 6.7	U	6.7	NA	NA	NA	< 0.98	U	0.98
Bromomethane	74-83-9	ug/l	10	10	< 0.30	U	0.3	NA	NA	NA	< 4.6	U	4.6	NA	NA	NA	< 1.2	U	1.2
Carbon Disulfide	75-15-0	ug/l	1,900	4,100	< 0.20	U	0.2	NA	NA	NA	< 2.8	U	2.8	NA	NA	NA	< 0.78	U	0.78
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.30	U	0.3	NA	NA	NA	< 5.4	U	5.4	NA	NA	NA	< 1.2	U	1.2
Chlorobenzene	108-90-7	ug/l	100	100	< 0.23	U	0.23	NA	NA	NA	< 8.2	U	8.2	NA	NA	NA	< 0.90	U	0.9
Chloroethane	75-00-3	ug/l	230	900	< 0.25	U	0.25	NA	NA	NA	< 2.8	U	2.8	NA	NA	NA	< 1.0	U	1
Chloroform	67-66-3	ug/l	80	80	< 0.24	U	0.24	NA	NA	NA	< 1.7	U	1.7	NA	NA	NA	< 0.97	U	0.97
Chloromethane	74-87-3	ug/l	30	30	< 0.27	U	0.27	NA	NA	NA	< 3.4	U	3.4	NA	NA	NA	< 1.1	U	1.1

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N8			MW-N9			MW-N9			MW-N9			MW-N9		
	Sample Date:		Used Aquifers		09/10/2008			07/09/2008			07/09/2008			09/10/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
cis-1,2-Dichloroethene	156-59-2	ug/l	70	70	< 0.27	U	0.27	NA	NA	NA	< 2.3	U	2.3	NA	NA	NA	< 1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	ug/l	N.S.	N.S.	< 0.19	U	0.19	NA	NA	NA	< 3.3	U	3.3	NA	NA	NA	< 0.78	U	0.78
Cyclohexane	110-82-7	ug/l	N.S.	N.S.	< 0.30	U	0.3	NA	NA	NA	< 2.7	U	2.7	NA	NA	NA	< 1.2	U	1.2
Dibromochloromethane	124-48-1	ug/l	80	80	< 0.16	U	0.16	NA	NA	NA	< 4.9	U	4.9	NA	NA	NA	< 0.66	U	0.66
Dichlorodifluoromethane	75-71-8	ug/l	1,000	1,000	< 0.26	U	0.26	NA	NA	NA	< 5.7	U	5.7	NA	NA	NA	< 1.0	U	1
Ethylbenzene	100-41-4	ug/l	700	700	< 0.18	U	0.18	NA	NA	NA	240		1.7	NA	NA	NA	53		0.73
Freon 113	76-13-1	ug/l	83,000	170,000	< 0.30	U	0.3	NA	NA	NA	< 3.5	U	3.5	NA	NA	NA	< 1.2	U	1.2
Isopropylbenzene	98-82-8	ug/l	1,100	2,300	< 0.22	U	0.22	NA	NA	NA	< 6.8	U	6.8	NA	NA	NA	< 0.89	U	0.89
Methyl Acetate	79-20-9	ug/l	37,000	100,000	< 0.10	U	0.1	NA	NA	NA	< 4.3	U	4.3	NA	NA	NA	< 0.41	U	0.41
Methyl Cyclohexane	108-87-2	ug/l	N.S.	N.S.	< 0.32	U	0.32	NA	NA	NA	< 4.4	U	4.4	NA	NA	NA	< 1.3	U	1.3
Methyl tert-Butyl Ether	1634-04-4	ug/l	20	20	< 0.20	U	0.2	NA	NA	NA	< 3.3	U	3.3	NA	NA	NA	< 0.81	U	0.81
Methylene Chloride	75-09-2	ug/l	5	5	< 0.32	U	0.32	NA	NA	NA	< 12	B	12	NA	NA	NA	< 1.3	U	1.3
Styrene	100-42-5	ug/l	100	100	< 0.22	U	0.22	NA	NA	NA	< 6.2	U	6.2	NA	NA	NA	< 0.87	U	0.87
Tetrachloroethene	127-18-4	ug/l	5	5	***11***		0.24	NA	NA	NA	< 2.2	U	2.2	NA	NA	NA	< 0.94	U	0.94
Toluene	108-88-3	ug/l	1,000	1,000	< 0.23	U	0.23	NA	NA	NA	< 5.3	U	5.3	NA	NA	NA	< 0.93	U	0.93
trans-1,2-Dichloroethene	156-60-5	ug/l	100	100	< 0.27	U	0.27	NA	NA	NA	< 2.4	U	2.4	NA	NA	NA	< 1.1	U	1.1
trans-1,3-Dichloropropene	10061-02-6	ug/l	N.S.	N.S.	< 0.18	U	0.18	NA	NA	NA	< 4	U	4	NA	NA	NA	< 0.73	U	0.73
Trichloroethene	79-01-6	ug/l	5	5	< 0.29	U	0.29	NA	NA	NA	< 5.5	U	5.5	NA	NA	NA	< 1.2	U	1.2
Trichlorofluoromethane	75-69-4	ug/l	2,000	2,000	< 0.080	U	0.08	NA	NA	NA	< 4.2	U	4.2	NA	NA	NA	< 0.32	U	0.32
Vinyl Chloride	75-01-4	ug/l	2	2	< 0.29	U	0.29	NA	NA	NA	< 2.7	U	2.7	NA	NA	NA	< 1.2	U	1.2
Xylenes, Total	1330-20-7	ug/l	10,000	10,000	< 0.62	U	0.62	NA	NA	NA	2,000		5	NA	NA	NA	160		2.5
1,2,4-Trimethylbenzene	95-63-6	ug/l	16	35	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.76	U	0.76
1,3,5-Trimethylbenzene	108-67-8	ug/l	16	35	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	U	0.8
n-Butylbenzene	104-51-8	ug/l	1,500	4,100	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.84	U	0.84
n-Propylbenzene	103-65-1	ug/l	1,500	4,100	< 0.22	U	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.78	U	0.78
Semivolatile Organic Compounds																			
2,4,5-Trichlorophenol	95-95-4	ug/l	3,700	10,000	< 0.060	U	0.06	NA	NA	NA	< 0.059	U	0.059	NA	NA	NA	< 0.060	U	0.06
2,4,6-Trichlorophenol	88-06-2	ug/l	11	31	< 0.055	U	0.055	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	< 0.055	U	0.055
2,4-Dichlorophenol	120-83-2	ug/l	20	20	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.047	U	0.047
2,4-Dimethylphenol	105-67-9	ug/l	730	2,000	< 0.050	U	0.05	NA	NA	NA	7.7		0.049	NA	NA	NA	2.6		0.05
2,4-Dinitrophenol	51-28-5	ug/l	19	41	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2	NA	NA	NA	< 1.2	U	1.2
2,4-Dinitrotoluene	121-14-2	ug/l	2.1	8.4	< 0.043	U	0.043	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.043	U	0.043
2,6-Dinitrotoluene	606-20-2	ug/l	37	100	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.049	U	0.049
2-Chloronaphthalene	91-58-7	ug/l	2,900	8,200	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042	NA	NA	NA	< 0.042	U	0.042
2-Chlorophenol	95-57-8	ug/l	40	40	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044
2-Methylnaphthalene	91-57-6	ug/l	730	2,000	0.049	J	0.045	NA	NA	NA	< 0.044	U	0.044	NA	NA	NA	< 0.045	U	0.045
2-Methylphenol	95-48-7	ug/l	1,800	5,100	< 0.049	U	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	< 0.049	U	0.049
2-Nitroaniline	88-74-4	ug/l	2.1	5.8	< 0.046	U	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.046	U	0.046
2-Nitrophenol	88-75-5	ug/l	290	820	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.052	U	0.052
3,3'-Dichlorobenzidine	91-94-1	ug/l	1.5	5.8	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	< 0.039	U	0.039
3-Nitroaniline	99-09-2	ug/l	2.1	5.8	< 0.039	U	0.039	NA	NA	NA	< 0.038	U	0.038	NA	NA	NA	< 0.039	U	0.039
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	N.S.	N.S.	< 1.4	U	1.4	NA	NA	NA	< 1.3	U	1.3	NA	NA	NA	< 1.4	U	1.4

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N8			MW-N9			MW-N9			MW-N9			MW-N9		
	Sample Date:		Used Aquifers		09/10/2008			07/09/2008			07/09/2008			09/10/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	N.S.	N.S.	< 0.048	U	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	< 0.048	U	0.048
4-Chloro-3-methylphenol	59-50-7	ug/l	180	510	< 0.057	U	0.057	NA	NA	NA	< 0.055	U	0.055	NA	NA	NA	< 0.057	U	0.057
4-Chloroaniline	106-47-8	ug/l	150	410	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044
4-Chlorophenyl-phenylether	7005-72-3	ug/l	N.S.	N.S.	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.041	U	0.041
4-Methylphenol	106-44-5	ug/l	180	510	< 0.071	U	0.071	NA	NA	NA	< 0.069	U	0.069	NA	NA	NA	< 0.071	U	0.071
4-Nitroaniline	100-01-6	ug/l	2.1	5.8	< 0.024	U	0.024	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA	< 0.024	U	0.024
4-Nitrophenol	100-02-7	ug/l	60	60	< 0.067	U	0.067	NA	NA	NA	< 0.066	U	0.066	NA	NA	NA	< 0.067	U	0.067
Acenaphthene	83-32-9	ug/l	2,200	3,800	0.074	J	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	0.055	J	0.05
Acenaphthylene	208-96-8	ug/l	2,200	6,100	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044
Acetophenone	98-86-2	ug/l	3,700	10,000	< 0.044	U	0.044	NA	NA	NA	0.98		0.044	NA	NA	NA	< 0.044	U	0.044
Anthracene	120-12-7	ug/l	66	66	0.098	J	0.049	NA	NA	NA	< 0.048	U	0.048	NA	NA	NA	0.071	J	0.049
Atrazine	1912-24-9	ug/l	3	3	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.037	U	0.037
Benzaldehyde	100-52-7	ug/l	N.S.	N.S.	< 0.052	U	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	< 0.052	U	0.052
Benzo[a]anthracene	56-55-3	ug/l	0.9	3.6	0.077	J	0.039	NA	NA	NA	< 0.039	U	0.039	NA	NA	NA	0.075	J	0.039
Benzo[a]pyrene	50-32-8	ug/l	0.2	0.2	0.053	J	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.042	U	0.042
Benzo[b]fluoranthene	205-99-2	ug/l	0.9	1.2	0.065	J	0.03	NA	NA	NA	< 0.029	U	0.029	NA	NA	NA	< 0.030	U	0.03
Benzo[g,h,i]perylene	191-24-2	ug/l	0.26	0.26	0.076	J	0.026	NA	NA	NA	< 0.026	U	0.026	NA	NA	NA	< 0.026	U	0.026
Benzo[k]fluoranthene	207-08-9	ug/l	0.55	0.55	0.05	J	0.038	NA	NA	NA	< 0.037	U	0.037	NA	NA	NA	< 0.038	U	0.038
Biphenyl	92-52-4	ug/l	1,800	5,100	< 0.058	U	0.058	NA	NA	NA	< 0.057	U	0.057	NA	NA	NA	< 0.058	U	0.058
Bis(2-chloroethoxy)methane	111-91-1	ug/l	N.S.	N.S.	< 0.12	U	0.12	NA	NA	NA	< 0.11	U	0.11	NA	NA	NA	< 0.12	U	0.12
Bis(2-chloroethyl) Ether	111-44-4	ug/l	0.13	0.55	< 0.044	U	0.044	NA	NA	NA	< 0.043	U	0.043	NA	NA	NA	< 0.044	U	0.044
Bis(2-chloroisopropyl) Ether	108-60-1	ug/l	300	300	< 0.025	U	0.025	NA	NA	NA	< 0.024	U	0.024	NA	NA	NA	< 0.025	U	0.025
Bis(2-ethylhexyl) Phthalate	117-81-7	ug/l	6	6	< 3.1	B	3.1	NA	NA	NA	< 1	B	1	NA	NA	NA	< 1.6	B	1.6
Butylbenzyl Phthalate	85-68-7	ug/l	2,700	2,700	< 0.13	U	0.13	NA	NA	NA	0.24	J	0.13	NA	NA	NA	< 0.13	U	0.13
Caprolactum	105-60-2	ug/l	N.S.	N.S.	< 1.2	B	1.2	NA	NA	NA	< 0.18	U	0.18	NA	NA	NA	< 0.18	U	0.18
Carbazole	86-74-8	ug/l	33	130	0.12	J	0.05	NA	NA	NA	< 0.049	U	0.049	NA	NA	NA	0.083	J	0.05
Chrysene	218-01-9	ug/l	1.9	1.9	0.077	J	0.034	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA	0.052	J	0.034
Dibenzo[a,h]anthracene	53-70-3	ug/l	0.09	0.36	0.062	J	0.033	NA	NA	NA	< 0.033	U	0.033	NA	NA	NA	< 0.033	U	0.033
Dibenzofuran	132-64-9	ug/l	N.S.	N.S.	0.1	J	0.051	NA	NA	NA	< 0.05	U	0.05	NA	NA	NA	0.082	J	0.051
Diethyl Phthalate	84-66-2	ug/l	5,000	5,000	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23	NA	NA	NA	< 0.23	U	0.23
Dimethyl Phthalate	131-11-3	ug/l	N.S.	N.S.	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.041	U	0.041
Di-n-Butyl Phthalate	84-74-2	ug/l	3,700	10,000	0.15	J	0.045	NA	NA	NA	< 0.16	B	0.16	NA	NA	NA	0.14	J	0.045
Di-n-octyl Phthalate	117-84-0	ug/l	730	2,000	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.041	U	0.041
Fluoranthene	206-44-0	ug/l	260	260	0.12	J	0.048	NA	NA	NA	< 0.047	U	0.047	NA	NA	NA	0.14	J	0.048
Fluorene	86-73-7	ug/l	1,500	1,900	0.077	J	0.052	NA	NA	NA	< 0.051	U	0.051	NA	NA	NA	0.066	J	0.052
Hexachlorobenzene	118-74-1	ug/l	1	1	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.042	U	0.042
Hexachlorobutadiene	87-68-3	ug/l	1	1	< 0.036	U	0.036	NA	NA	NA	< 0.035	U	0.035	NA	NA	NA	< 0.036	U	0.036
Hexachlorocyclopentadiene	77-47-4	ug/l	50	50	< 0.077	U	0.077	NA	NA	NA	< 0.075	U	0.075	NA	NA	NA	< 0.077	U	0.077
Hexachloroethane	67-72-1	ug/l	1	1	< 0.042	U	0.042	NA	NA	NA	< 0.041	U	0.041	NA	NA	NA	< 0.042	U	0.042
Indeno[1,2,3-cd]pyrene	193-39-5	ug/l	0.9	3.6	0.065	J	0.046	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.046	U	0.046
Isophorone	78-59-1	ug/l	100	100	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045	NA	NA	NA	< 0.045	U	0.045
Naphthalene	91-20-3	ug/l	100	100	< 0.041	U	0.041	NA	NA	NA	< 0.04	U	0.04	NA	NA	NA	< 0.041	U	0.041

TABLE E-1
GROUNDWATER RESULTS
NORTH PLANT REMEDIAL INVESTIGATION
TRINITY INDUSTRIES - GREENVILLE, PA

	Sample Location:		PADEP MSCs		MW-N8			MW-N9			MW-N9			MW-N9			MW-N9		
	Sample Date:		Used Aquifers		09/10/2008			07/09/2008			07/09/2008			09/10/2008			09/10/2008		
	Matrix Code:				WG			WG			WG			WG			WG		
	Sample Typ Code:		TDS<=2500		N			N			N			N			N		
	Fraction:				T			D			T			D			T		
chemical_name	cas_rn	Units	Residential	Non-Residential	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL	Result	Qual	RDL
Nitrobenzene	98-95-3	ug/l	18	51	< 0.061	U	0.061	NA	NA	NA	< 0.06	U	0.06	NA	NA	NA	< 0.061	U	0.061
N-Nitroso-di-n-propylamine	621-64-7	ug/l	0.094	0.37	< 0.057	U	0.057	NA	NA	NA	< 0.056	U	0.056	NA	NA	NA	< 0.057	U	0.057
N-Nitrosodiphenylamine	86-30-6	ug/l	130	530	< 0.047	U	0.047	NA	NA	NA	< 0.046	U	0.046	NA	NA	NA	< 0.047	U	0.047
Pentachlorophenol	87-86-5	ug/l	1	1	< 0.080	U	0.08	NA	NA	NA	< 0.078	U	0.078	NA	NA	NA	< 0.080	U	0.08
Phenanthrene	85-01-8	ug/l	1,100	1,100	0.22		0.053	NA	NA	NA	< 0.16	B	0.16	NA	NA	NA	0.2		0.053
Phenol	108-95-2	ug/l	4,000	4,000	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021	NA	NA	NA	< 0.021	U	0.021
Pyrene	129-00-0	ug/l	130	130	0.088	J	0.054	NA	NA	NA	< 0.053	U	0.053	NA	NA	NA	0.081	J	0.054

Notes:

1) N.S. = No Standard

2) N = Primary Sample

3) FD = Field Duplicate

4) NA = Results not available.

5) T = Total Results

6) D = Dissolved Results

7) RDL = Reporting Detection Limit

8) WG = Groundwater

9) Results above the Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in *italics.*

10) Results above the Non-Residential PADEP MSCs (Used Aquifers, 2500 ug/L) are shown in **bold.**

11) Alpha and beta-chlordane concentrations screened against the Non-Residential Direct Contact and Soil-to-Groundwater concentrations for chlordane (CASRN #57-74-9).