

bullock environmental, llc

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t 205.876.1715 f 205.871.7379

April 23, 2010

Ms. Alexandra Cleary, Program Manager
Response and Remediation Program
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King, Jr., Drive, Southeast
Suite 1462 East
Atlanta, Georgia 30334

Re: Voluntary Remediation Program Application
Former Manchester Tank Company Site
811 West Avenue
Cedartown, Polk County, Georgia

Dear Ms. Cleary,

Please find enclosed the Voluntary Remediation Program (VRP) application and VRP application fee for the referenced site. The VRP application was prepared by Bullock Environmental, LLC (Bullock), on behalf of Trinity Industries, Inc. (Trinity). The former Manchester Tank Company site is currently listed on the Georgia Environmental Protection Division (EPD) Hazardous Site Inventory (HSI Number 10765). Included with the VRP application is the required Preliminary Remediation Plan for the site as one hard copy and on two compact discs. The attached VRP application utilizes the new application form and checklist that was posted on EPD's website on April 12, 2010. Based on the Georgia EPD website *Frequently Asked Questions*, revised April 6, 2010 (www.gaepd.org/document/vrp.html), it is our understanding that submitting the VRP application suspends any Hazardous Site Response Act (HSRA) deadlines until the Director either accepts Trinity as a participant in the VRP or notifies Trinity that the application is unacceptable and specifies a new deadline under HSRA. Therefore, the April 30, 2010, deadline for response to the EPD correspondence dated February 26, 2010, and any other HSRA deadlines, are assumed to be suspended pending the Director's determination to accept the enclosed VRP application.

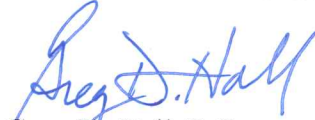
Although the submittal of the enclosed VRP application has suspended the response deadline, there is one comment in the February 26, 2010 correspondence that we would like to further discuss. EPD comments that the water well located on the Zartic Industries property should be sampled. Due to other HSRA sites with similar constituents of concern (COC) in the groundwater near the former Manchester Tank facility, collecting and analyzing a water sample from the Zartic water well will not provide definitive proof that

regulated substances detected in the water sample, if any, migrated from the Manchester Tank property. Therefore, in lieu of sampling the Zartic water well at this time, we propose to install two additional bedrock (Type III) wells at the Manchester Tank Company site. These wells will be located between monitoring well MW-7D and the Zartic facility and will be used in conjunction with the existing bedrock monitoring wells to estimate the groundwater flow direction and to facilitate groundwater COC delineation. In addition, we propose to install another bedrock well in the vicinity of monitoring well MW-7D to delineate the vertical extent of impact to the bedrock aquifer. This proposed work is planned as part of the Milestone Schedule submitted with the Preliminary Remediation Plan.

We look forward to working with you in the VRP and would like to schedule a meeting to discuss the planned work at the site. In the meantime, if you have any questions, please contact me at (205) 876-1718 or at greg.hall@bullockenvironmental.com.

Sincerely,

Bullock Environmental, LLC



Greg D. Hall, P.G.
Senior Geologist

Enclosures: VRP application and \$5,000 application fee
Preliminary Remedial Action Plan

cc: Mr. Greg S. Gilmore (without enclosures)



Voluntary Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION				
COMPANY NAME	Trinity Industries, Inc.			
CONTACT PERSON/TITLE	Terry Barrett			
ADDRESS	2525 Stemmons Freeway, Dallas, TX 75207			
PHONE	214-589-8409	FAX		E-MAIL terry.barrett@trin.net
GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP				
NAME	Greg Hall	GA PE/PG NUMBER	PG 1278	
COMPANY	Bullock Environmental, LLC			
ADDRESS	500 Office Park Drive, Suite 110, Birmingham, AL 35223			
PHONE	205-876-1715	FAX		E-MAIL greg.hall@bullockenvironmental.com
APPLICANT'S CERTIFICATION				
In order to be considered a qualifying property for the VRP:				
(1) The property must have a release of regulated substances into the environment; (2) The property shall not be: (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601. (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or (C) A facility required to have a permit under Code Section 12-8-66. (3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency. (4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.				
In order to be considered a participant under the VRP:				
(1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action. (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				
I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.				
APPLICANT'S SIGNATURE				
APPLICANT'S NAME/TITLE (PRINT)	Richard T. Barrett/Manager		DATE	April 22, 2010

QUALIFYING PROPERTY INFORMATION					
TAX PARCEL ID	024-014	PROPERTY SIZE (ACRES)	23		
PROPERTY ADDRESS	811 West Avenue				
CITY	Cedartown	COUNTY	Polk		
LATITUDE	34° 00' 44.18" North	LONGITUDE	85° 16' 39.93" West		
PROPERTY OWNER(S)	Trinity Industries, Inc.				
MAILING ADDRESS	2525 Stemmons Freeway				
CITY	Dallas	STATE/ZIP	TX/75207		
ITEM #	DESCRIPTION OF REQUIREMENT		Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)	
1.	\$5,000 APPLICATION FEE IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES.		Attached to cover letter		
2.	WARRANTY DEED(S) FOR QUALIFYING PROPERTY.		Appendix A, Preliminary Remediation Plan		
3.	TAX PLAT OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).		Appendix B, Preliminary Remediation Plan		
4.	ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).				
5.	The VRP participant's initial plan and application must include , using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a PROJECTED MILESTONE SCHEDULE for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan during the preceding period. A Gantt chart format is preferred for the milestone schedule.		Preliminary Remediation Plan		

	The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	Appendix E, Preliminary Remediation Plan	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	Appendix E, Preliminary Remediation Plan	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	Appendix E, Preliminary Remediation Plan	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	Appendix E, Preliminary Remediation Plan	
6.	SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer or professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Professional Geologists and I have the necessary experience and authority of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Department of Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." <i>Greg D. Hall</i> Printed Name and GA PE/PG Number 4/23/10 Date <i>Greg D. Hall</i> Signature and Stamp	Invoice attached to this application	

**Preliminary Remediation Plan
Georgia Environmental Protection Division
Voluntary Remediation Program
Former Manchester Tank
811 West Avenue
Cedartown, Polk County, Georgia**

Bullock Environmental, LLC Project No.: 10-TRIN01

April 23, 2010

Prepared for:

Trinity Industries, Inc.
2525 Stemmons Freeway
Dallas, Texas 75207



Greg D. Hall, GA-PG #1278
Senior Geologist
April 23, 2010



Douglas A. Bullock, CHMM
Principal
April 23, 2010



GROUNDWATER SCIENTIST STATEMENT

I certify that I am a groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I hereby certify this Preliminary Remediation Plan completed on behalf of Trinity Industries, Inc., was prepared by myself and appropriate qualified personnel working under my direction.

Greg D. Hall

Greg D. Hall, P.G.
Georgia Professional Geologist
Certification Number 1278

4/23/10

Date



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Appendix A	Warranty Deed for the Site
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1.0 INTRODUCTION

Bullock Environmental, LLC (Bullock) submits this Preliminary Remediation Plan, including a preliminary conceptual site model (CSM), on behalf of Trinity Industries, Inc. (Trinity) as part of the Voluntary Remediation Program application and checklist (VRP application) for the former Manchester Tank and Equipment Company facility (referred to herein as the “site”). The purpose of the Preliminary Remediation Plan and CSM is to provide the following narrative information required by the VRP application:

- reasonably available current information to the extent known;
- a graphic 3-dimensional conceptual site model (CSM) the site’s surface and subsurface setting;
- the known or suspected sources of contamination;
- how contamination might move within the environment;
- the potential human health and ecological receptors;
- the complete or incomplete exposure pathways that may exist at the site; and,
- a projected milestone schedule for site investigation and remediation.

Also, a table of delineation standards and brief supporting text, charts, and figures are included. The site is currently listed on the Georgia Hazardous Site Inventory (HSI No.10765) under the Hazardous Site Response Act (HSRA) program.

The site, located at 811 West Avenue in Cedartown, Georgia, comprises approximately 23 acres and houses a former manufacturing building, approximately 99,500 square feet in size on the southern end. The building is currently used for storage by HON Company. The site is located in an area zoned for industrial use. Rome Plow (HSI No. 10868), HON Company (HSI No. 10796), and Zartic Industries are located to the east, west, and south of the site, respectively. The warranty deed for the site is included in **Appendix A**. A survey map of the site prepared by a Georgia-licensed professional land surveyor is located in **Appendix B**.

Site and operational history prior to ownership by Trinity is limited. According to the Polk County Tax Assessor’s records, Lee Cylinders, Inc. (owned by Pressed Steel Tank) acquired the site from Sprague LPG in 1978. Pressed Steel owned the site until 1989 when Trinity acquired the assets of that company. Pressed Steel manufactured brass fittings for propane tanks at the facility, a process which included cleaning the fittings with acid. According to a former Trinity employee, the waste acid generated from the operations was apparently disposed into a pit located immediately north of the building.

Trinity sold the site to Manchester Tank in 2000 and re-purchased it in 2003. Manchester Tank used the facility to manufacture cylinders for the storage of compressed gases and liquids.



2.0 PRELIMINARY CONCEPTUAL SITE MODEL

The CSM is a general understanding or working theory that describes the relevant mechanisms for contaminant transport from the source area to receptors through viable exposure pathways. **Figure 1 (Appendix C)** presents a preliminary graphic, three-dimensional CSM for the site illustrating these relationships. The following sections for the basis for the CSM.

2.1 SITE GEOLOGY

The geology encountered at the site consisted of residuum and bedrock. Topsoil consisting of silty to clayey fine sand with plant roots was observed from ground surface to approximately two feet below ground surface (bgs) throughout most of the site. The topsoil is underlain by a variety of predominantly silty and clayey intervals with varying amounts of fine to coarse-grained quartz sand and interbedding. This residuum is derived from the weathering of the underlying limestone bedrock. Occasional gravel-sized chert fragments were also observed within the silt and clay layers. A particle size analysis conducted on a Shelby tube (ST-1) collected at the site indicated the lithology in the sample interval was comprised primarily of silt (59%) and sand (38.7%) with approximately 2.5% gravel.

Field investigations conducted to date revealed the top of bedrock ranged in depth from 5.5 feet bgs to 17 feet bgs. The varying depths to bedrock indicate that the top of bedrock has been eroded to form pinnacles across the site. Drill cuttings and cored rock intervals indicate that the bedrock consists of light to medium gray dolomitic limestone and dark gray limestone with calcite-healed fractures. Inspection of the cored sections identified the presence of a low number of high angle to horizontal fractures. Some of the fractures were filled with secondary mineralization in the form of calcite, while unfilled fractures appeared to occur along the bedding planes of thin layers of shale and/or siltstone. Bedrock was present to a depth of 75 feet bgs (maximum depth of investigation). The field personnel reported no evidence of severe fracturing during advancement of borings into bedrock. **Figure 2 (Appendix C)** illustrates the locations of the soil borings advanced at the site.

2.2 SITE HYDROGEOLOGY

The surficial aquifer at the site is encountered in both the residuum and the upper portion of the bedrock in locations where the top of bedrock is shallow. Depth to initial saturation varies from 10 feet to 25 feet bgs. The water levels typically equilibrate at depths higher than the initial saturation. Hydrogeology at the site has been evaluated by the use of eleven, Type II groundwater monitoring wells approximately 20 feet to 33 feet bgs and three, Type III groundwater monitoring wells in bedrock approximately 75 feet bgs. Monitoring well locations are shown on **Figure 2**.



The hydraulic conductivity of the surficial aquifer was estimated by measuring the change in groundwater displacement versus time by inserting and removing a weighted slug rod at three monitoring wells. A downhole pressure transducer was utilized to measure the water displacement induced by the weighted slug rod. Data was evaluated using the AQTESOLV computer program and the Bouwer and Rice (1976) solution for unconfined aquifers.

Evaluation of the slug test data indicates the hydraulic conductivity of the surficial aquifer ranged from 2.14×10^{-3} centimeters/second (cm/sec) to 6.9×10^{-3} cm/sec; these values are within the upper range of hydraulic conductivity values for silt (0.002 cm/sec to 1×10^{-7} cm/sec) [Weidemeier and others (1998)]. The upper range hydraulic conductivity values calculated for the aquifer material is likely due to the presence of fine-grained sand in the lithology as determined by the grain size analysis of the Shelby tube sample.

A groundwater flow velocity for the Site was calculated using the equation for seepage velocity and the following information:

$$V = K \cdot i / n_e$$

Where,

V = groundwater velocity

K = hydraulic conductivity = 4.9×10^{-3} cm/sec (average Site value)

i = gradient = 0.023 ft/ft (average shallow aquifer gradient from *Semi-Annual Groundwater Monitoring Report*, January 2009)

e = effective porosity = 0.2; values found in Weidemeier and others (1998) range from 0.01 to 0.24 for silt

The groundwater seepage velocity was calculated to be 5.6×10^{-4} cm/sec or 1.6 feet/day.

Based on historical groundwater elevations and the distribution of dissolved constituents of concern (COCs), groundwater flow at the site is primarily toward the northeast. **Figures 3 and 4** depict the most recent potentiometric surfaces for the shallow and bedrock aquifers beneath the site and are located in **Appendix C**.

2.3 SITE SPECIFIC CONSTITUENTS OF CONCERN

Based on the results of a site investigation conducted at the site in 2003, the COCs at the site were originally established as the 16 HSRA metals and volatile organic compounds (VOCs). Later evaluation of the soil and groundwater data indicated the current COC list for soil includes VOCs, arsenic, barium, beryllium, cadmium, chromium, copper, lead, nickel, and zinc. The current groundwater COC list is the same as the COC list for soil plus antimony. The COCs for the site are summarized in **Table 1 (Appendix D)**.



2.4 SOURCE AREA

As discussed in **Section 1.0**, the primary source of the soil and groundwater contamination was the former acid impoundment/pit shown on **Figure 1**.

2.5 SOIL ASSESSMENT

Based on the soil data obtained to date, VOC concentrations have been delineated to the Type 1 Risk Reduction Standards (RRS). The Type 1 RRS are presented in **Table 1**. Analytical data indicate that the horizontal extent of regulated metals concentrations in soil have not been delineated to Type 1 RRS. COC concentrations in soil are summarized in **Tables 2 and 3**. The distribution of the COCs in soil is illustrated on **Figures 5 through 8**. The schedule for completing the soil delineation assessment is presented on the milestone schedule located in **Appendix E**.

2.6 GROUNDWATER ASSESSMENT

Groundwater analytical data indicate that regulated metals concentrations have been delineated to Type 1 RRS. However, VOC concentrations have not been delineated horizontally or vertically to Type 1 RRS. COC concentrations in groundwater are summarized in **Tables 4 and 5**. The distribution of VOCs in the shallow and bedrock aquifers is depicted on **Figure 9**. The schedule for completing the groundwater delineation assessment is presented on the milestone schedule located in **Appendix E**.

2.7 TRANSPORT MECHANISMS

2.7.1 Soil

Potential transport mechanisms for metals concentrations at the site are wind erosion for surficial soil and leaching through the vadose zone by adsorbing to soil particles. Vapor transport, volatilization, and leaching are the likely mechanisms for VOCs movement in the vadose zone.

2.7.2 Groundwater

Potential transport mechanisms for VOCs in groundwater at the site include volatilization, vapor migration, dispersion, and advection.

2.8 POTENTIAL SPECIFIC RECEPTORS

The current and expected future use of the site and immediately surrounding properties is industrial. Therefore, the current and future human receptors at the site are commercial and construction workers (to depth of construction); current and future onsite residential receptors will not be considered due to the absence of a viable exposure pathway. Currently, no potential ecological receptors have been identified at the site.



2.9 EXPOSURE PATHWAYS

Based on the current assessment information, the complete routes of exposure at the site are include outdoor inhalation of vapors from soil and groundwater. Evaluation of the current soil and groundwater data indicates that other potential routes of exposure at the site are incomplete.

2.10 SURFACE WATER AND GROUNDWATER USAGE

Based on site reconnaissance, no surface water bodies have been identified within the area of the release or within a radius of 1,000 feet downgradient of the source. The only groundwater usage within the same radius is a well located immediately south of the site at the Zartic plant. **Figure 10** illustrates the surface water and groundwater usage in within the defined radius.

3.0 PRELIMINARY REMEDIAL ACTION PLAN

3.1 PROPOSED REMEDIAL ACTION

The need for remedial action at this site was evaluated by comparing soil and groundwater analytical results from the site investigations to HSRA RRS. Based on the evaluation, only selected VOC concentrations in groundwater require remediation to HSRA Type 3/4 RRS. A pilot test plan for groundwater corrective action is proposed in order to evaluate ozone injection as the remedy for the shallow and bedrock aquifers beneath the site. A discussion of the technology evaluation, proposed remedial technology, and a description of the pilot test is presented below.

3.2 PILOT TEST DESCRIPTION

3.2.1 Injection Points and Ozone Injection Equipment Specifications

A pilot test evaluating the effectiveness of ozone sparging for groundwater remediation will be conducted at bedrock groundwater monitoring well MW-7D and the adjacent shallow groundwater monitoring well MW-5. The highest VOCs concentrations in groundwater have been detected at monitoring well MW-7D. Two shallow ozone injection points and two bedrock ozone injection points will be installed on either side of monitoring wells MW-5 and MW-7D and within a 10-foot radius of these two monitoring wells.

The shallow aquifer ozone injection points will be constructed as Type II groundwater monitoring wells approximately 20 feet deep and will be screened from approximately 20 feet to 10 feet bgs. The shallow injection points will be constructed with 1-inch inner diameter, Schedule 80 PVC and 10 feet of screen. Schedule 80 PVC is recommended for the durability and ozone resistance required. Sand will placed in the annulus to a height



of two feet above the top of the screen, and a two-foot thick bentonite seal will be constructed on top of the sand pack. The remainder of the annulus will be filled with cement grout.

The bedrock aquifer ozone injection points will be constructed as Type III groundwater monitoring wells approximately 75 feet deep. An outer casing will be installed in bedrock at least 30 feet bgs. The remainder of the boring will be cored to 75 feet to the water-producing fractures encountered in monitoring well MW-7D. The bedrock aquifer injection points will be screened from 75 feet to 70 feet bgs. The remainder of the bedrock ozone injection points will be constructed in a manner similar to the shallow injection points.

Each ozone injection point will be fitted with a wellhead connection and connected to the ozone injection unit. Based on the VOCs concentrations in the shallow and bedrock aquifers, an ozone injection unit capable of delivering a mixture of air and ozone at a flow rate of 0.8 standard cfm at 20 pounds per square inch (psi) will be used for the pilot test. The ozone generator output for the pilot test is estimated at approximately 2.6 pounds per day at up to 6% by weight of ozone.

3.2.2 Pilot Test Performance Monitoring

The pilot test will be conducted for a period of 90 days (3 months) from system start-up. The following parameters will be monitored during the pilot test:

- Groundwater elevations
- Groundwater COC concentrations
- Barometric pressure
- Ambient temperature
- Ozone flow rate
- Ozone delivery pressure
- Ozone concentration
- Well head pressure (injection wells and monitoring wells)
- Oxidation-reduction potential (ORP)
- Dissolved oxygen (DO)
- Specific conductivity
- pH
- Temperature
- Turbidity
- Total dissolved solids (TDS)

Prior to the start-up of the system, groundwater samples will be collected from the target groundwater monitoring wells MW-5 and MW-7D for analysis of VOCs per Method 8260 to provide baseline information on the VOCs concentrations. In addition, analyses will be performed for barium, cadmium, chromium, iron, lead, selenium, copper, and hexavalent chromium.



During day 1 and day 2 after the system start-up, the parameters listed above (excluding COC concentrations) will be monitored every 20 minutes over an 8-hour period to measure the zone of influence. ORP, DO, and specific conductivity measurements will be recorded at the top, middle, and bottom of the screened intervals for monitoring wells MW-5 and MW-7D.

The effectiveness of the ozone injection will be measured after the first 48 hours of operation by collecting samples for VOCs analysis and recording the field measurements for each of the other parameters listed above at the beginning of weeks 2, 3, and 4. After week 4, samples will be collected for VOCs analysis and the other parameters will be measured in the field every 2 weeks. ORP, DO, and specific conductivity will be measured in monitoring wells MW-5 and MW-7D as described above. The last sampling event of the pilot test (post-injection) will include the metals analyzed for the pre-injection groundwater monitoring event.

The timing for implementing and submitting a Pilot Test Report is outlined on the milestone schedule located in **Appendix F**.

Subsequent to completing the pilot test, a report describing the pilot test and the results will be submitted to Georgia EPD with recommendations.

4.0 SUMMARY

This Preliminary Remediation Plan was prepared in accordance with the VRP application requirements, and describes a pilot test for remediation of VOCs in groundwater at the site. Additional assessment is required to delineate soil concentrations to Type 1 RRS for metals and to delineate groundwater concentrations to Type 1 RRS for VOCs.



APPENDIX A
WARRANTY DEED FOR THE SITE



Polk County, Georgia
Real Estate Transfer TaxPaid \$ 275.00
Date 7-3-03
Sheila Wells
Clerk Superior Court

BOOK 947 PAGE 237

THIS INSTRUMENT PREPARED BY:

Richard A. Fogel
Law Offices of Richard A. Fogel, PLLC
2730 Stemmons Freeway, Suite 813
Dallas, Texas 75207

SEND TAX NOTICE TO:

Trinity Industries, Inc.
2525 Stemmons Freeway
Dallas, Texas 75207
Attn: Vice President-Legal AffairsAFTER RECORDING RETURN TO
GEORGE C. GALLOWAY, JR.
SPECIALIZED TITLE SERVICES, INC.
6133 PEACHTREE DUNWOODY ROAD, NE
ATLANTA, GA 30328
(770) 394-7000 STS FILE NO. 197-056

STATE OF TENNESSEE)

DAVIDSON COUNTY)

REC: 47639
DATE: 7-3-03
CK: 0008
TT: 47640-0459

STATUTORY WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS that, for and in consideration of The sum of Ten and No/100 Dollars (\$10.00) and other good and valuable consideration in hand paid by TRINITY INDUSTRIES, INC., a Delaware corporation (the "Grantee"), to MANCHESTER TANK & EQUIPMENT CO., a Delaware corporation (the "Grantor"), the receipt and sufficiency of which is hereby acknowledged, the Grantor, as of 12:01 a.m. Eastern Standard Time on July 1, 2003, does hereby grant, bargain, sell and convey unto the Grantee that certain real property lying and being situated in Polk County, Georgia as more particularly described on Exhibit A attached hereto and made a part hereof (the "Property").

TO HAVE AND TO HOLD unto the Grantee, and the Grantee's successors and assigns, forever.

It is expressly understood and agreed that this Statutory Warranty Deed is made subject to the following (the "Exceptions"):

1. Ad valorem taxes for the year 2003 and subsequent years and any additional taxes due as a result of a reassessment or a rebilling of the subject property.
2. Riparian rights incident to the premises.
3. Easement from Adamson Cedartown Estate to Southern Bell Telephone and Telegraph Company Incorporated, dated May 12, 1931, recorded May 21, 1931 in Deed Book 42, Page 386, Records of Polk County, Georgia.
4. Easement from Weatherhead Company to Georgia Power Company, dated April 23, 1962, recorded May 4, 1962 in Deed Book 120, Page 545, aforesaid Records.

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5. Easement from City of Cedartown to Georgia Power Company, dated April 23, 1962, recorded May 4, 1962 in Deed Book 120, Page 546, aforesaid Records.
6. Easement contained in Deed from City of Cedartown to Seaboard Air Line Railroad Company, dated December 23, 1963, recorded December 26, 19__ in Deed Book 126, Page 71, aforesaid Records.
7. Easement from Cedartown Industrial Development Corporation to City of Cedartown, dated June 21, 1978, filed for record July 18, 1978 at 2:10 p.m., recorded in Deed Book 288, Page 395, aforesaid Records.
8. Easement from Lee Cylinder Division of Pressed Steel Tank Co., Inc. to City of Cedartown, dated January 14, 1983, filed for record February 7, 1983 at 9:00 a.m., recorded in Deed Book 328, Page 621, aforesaid Records.
9. Agreement by and between Pressed Steel Tank Co., a corporation, and Rome Industries, Inc., a corporation, dated December 2, 1983, filed for record December 2, 1983 at 12:40 p.m., recorded in Deed Book 336, Page 397, aforesaid Records.
10. Easement from Manchester Tank & Equipment Co. to Georgia Power Company, dated February 4, 2002, recorded February 26, 2002 in Deed Book 829, Page 24, aforesaid Records.
11. Plat recorded in Plat Book K, Page 26, aforesaid Records.

This Statutory Warranty Deed is executed without warranty or representation of any kind on the part of the Grantor, express or implied, except as against acts done or suffered by the Grantor that are not specifically excepted herein.

[signature page follows]

IN WITNESS WHEREOF, the undersigned Grantor has executed this Statutory
Warranty Deed as of the date and time first set forth above.

MANCHESTER TANK &
EQUIPMENT CO.

By: Joseph W. Harwell
Name: Joseph W. Harwell
Title: Vice President - Finance

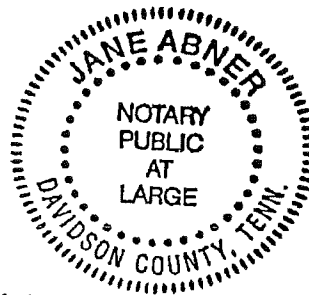
SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF:

E. Z. B.
Unofficial Witness

Jane Abner
Notary Public

My Commission Expires: 1/29/05

[Affix Seal]



My Commission Expires JAN. 29, 2005

Georgia, Polk County
Filed in Office this 3 day of July
2003, at 11:15 Recorded in Deed
Book 947 Page 239 This 3
day of July, 2003
Sheila Wells, Clerk

BOOK 947 PAGE 240

EXHIBIT "A"

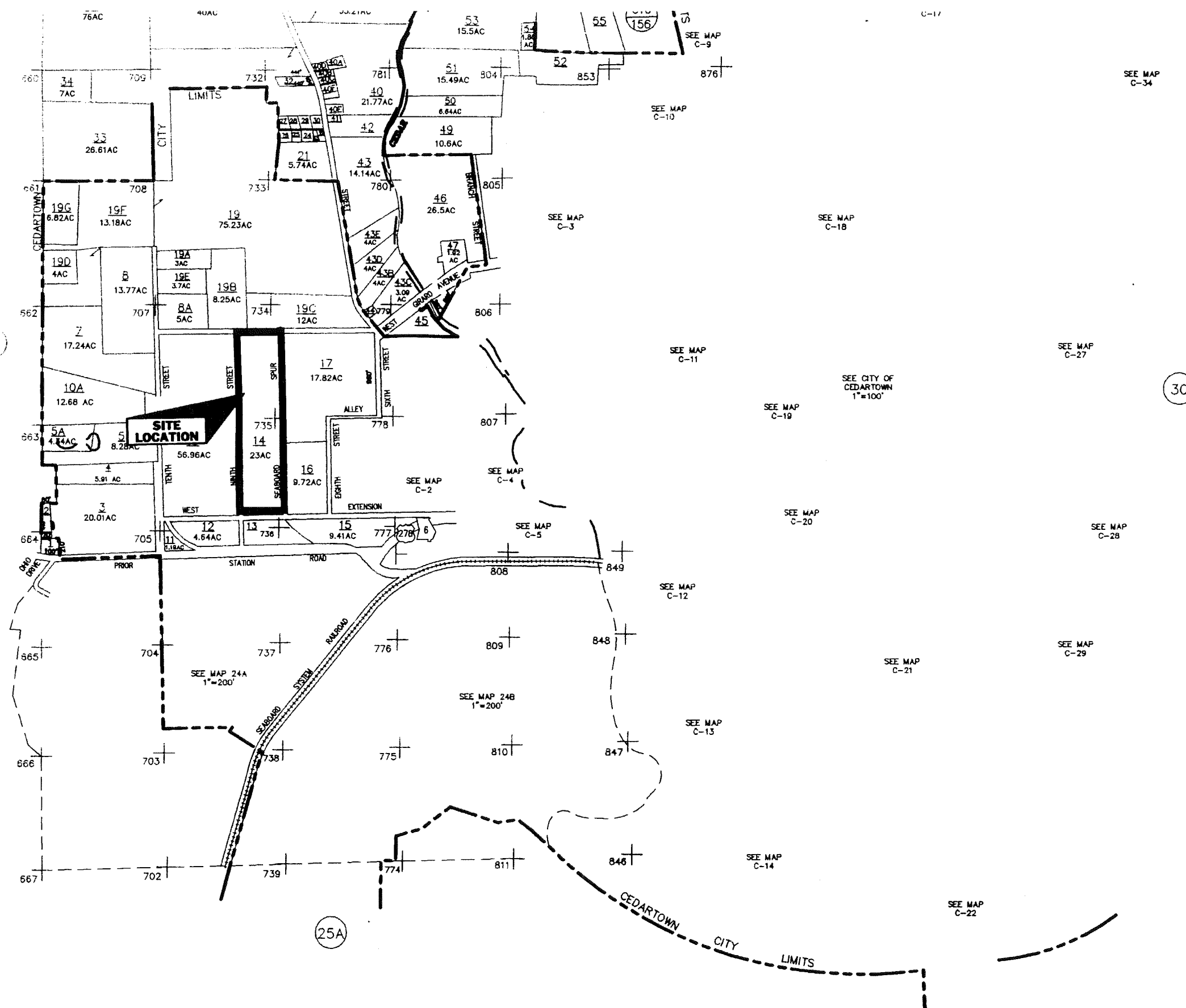
All that tract or parcel of land lying and being in Land Lots 734, 735, 778 and 779, 2nd District, 4th Section, City of Cadartown, Polk County, Georgia, containing 23.339 acres and being more particularly described as follows:

BEGINNING at a $\frac{1}{2}$ " rebar at the point of intersection of the Northernmost right of way line of West Avenue extension (60 foot right of way) and the Easternmost right of way line of Ninth Street (60 foot right of way); thence along, said Ninth Street right of way line North $01^{\circ} 30' 00''$ West, 2,079.15 feet to a 1" rebar on the Southernmost right of way line of West Girard Avenue (100 foot right of way); thence along said right of way line North $89^{\circ} 21' 20''$ East, 488.56 feet to a $\frac{3}{4}$ " open top pipe; thence, leaving said right of way line, South $01^{\circ} 34' 25''$ East, 1,528.65 feet to a 1" open top pipe; thence South $01^{\circ} 29' 16''$ East, 435.06 feet to a railroad spike; thence along the arc of a curve 108.14 feet to a railroad spike on the Northernmost right of way line of West Avenue extension, said arc has a radius of 487.88 feet and is subtended by a chord of 107.91 feet with a chord bearing of South $07^{\circ} 50' 16''$ East; thence along West Avenue extension right of way line South $88^{\circ} 23' 54''$ West, 502.29 feet to THE POINT OF BEGINNING.

Georgia, Polk County
Filed in Office this 3 day of July
2003, at 11:15 Recorded in Deed
Book 947 Page 237 This 3
day of July, 2003
Sheila Wells, Clerk

APPENDIX B
SURVEY MAP FOR THE SITE





THIS MAP PREPARED BY:
TRI-STATE MAPPING & APPRAISAL SERVICE, INC.
P.O. BOX 828 ROME, GEORGIA 30162

THIS PROPERTY OWNERSHIP MAP IS FOR TAX PURPOSES ONLY. IT IS NOT INTENDED FOR CONVEYANCES, NOR IS IT A LEGAL SURVEY.

SUBDIVISIONS		
SUBD NO	SUBDIVISION NAME	PLAT REF

REVISIONS		
DATE	REVISION	INITIALS

COUNTY LINE ---
CITY LIMIT LINE ---
GMD LINE ---
RAILROAD ++++++
WATER LINE ---
PROPERTY LINE ---
MATCH LINE ---

PARCEL NUMBER **24**
SUBDIVISION LOT NO. **30**
SUBDIVISION BLOCK **BLK. 2**
ACREAGE **4.5 AC**
DIMENSION **100' 346'**
STREET NAME **WHITE ROAD**
SUBDIVISION TIC **L 7**
TAX BLOCK **(1)**

GAS LINE ---
POWER LINE ---
PRIVATE DRIVE ---
LOT LINE ---
ROAD SYMBOLS:

NOTES:

REPRODUCTION OR ALTERATION IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF THE COMMISSION IS STRICTLY PROHIBITED.

POLK CO., GA

MAP 24

DISTRICT: XXX

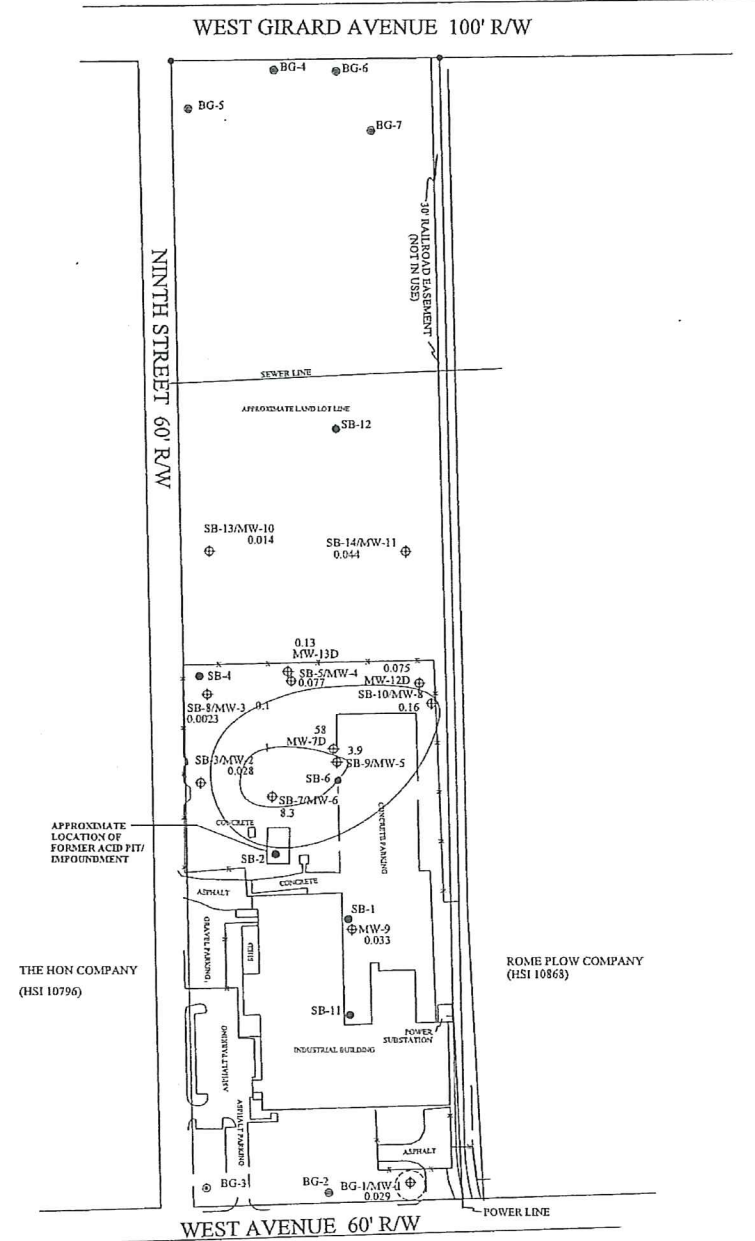
SCALE: 1" = 100'

DATE OF PHOTOGRAPHY:

APPENDIX C

FIGURES

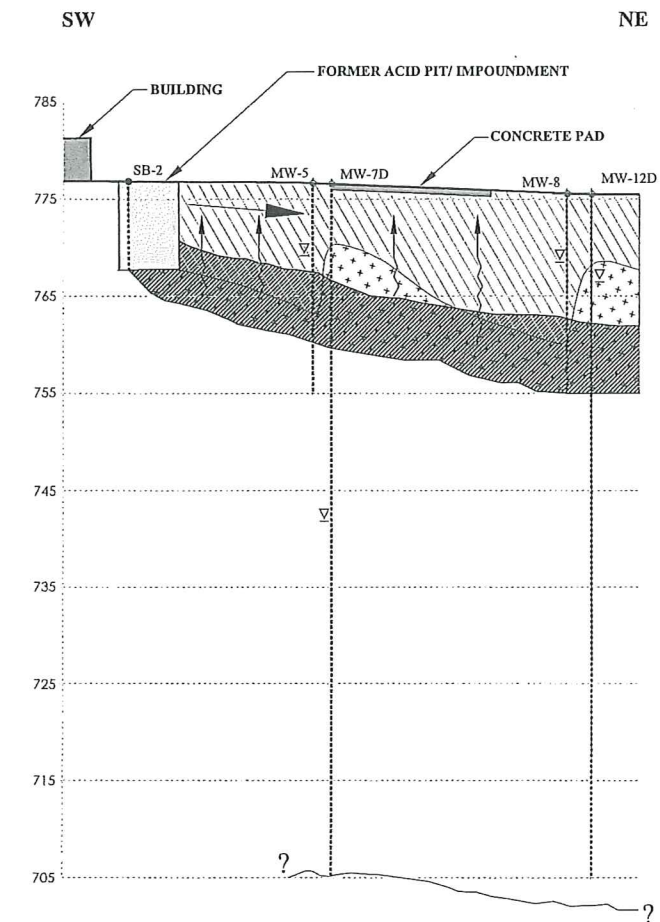




LEGEND

- SB-1 SOIL BORING LOCATION
- ⊙ BG-1 BACKGROUND SOIL BORING LOCATION
- ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION
- 0.032 TRICHLOROETHENE (TCE) CONCENTRATION (MILLIGRAMS/LITER) IN GROUNDWATER
- 1- TCE CONCENTRATION (MILLIGRAMS/LITER) CONTOUR INTERVAL

NOTE: TCE CONCENTRATIONS DETECTED IN BEDROCK MONITORING WELLS MW-7D, MW-12D, AND MW-13D WERE NOT USED TO CONSTRUCT THE ISOCONCENTRATION MAP



LEGEND

- ▨ SILTY CLAY/CLAYEY SILT
- ▩ LIMESTONE
- ▨ DISSOLVED VOC PLUME
- ▽ GROUNDWATER ELEVATION (12/15/08)
- GROUNDWATER FLOW DIRECTION IN SHALLOW AQUIFER
- ⊕ MW-5 MONITORING WELL
- SB-2 SOIL BORING LOCATION



PROJECT

PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT #: 10-TRIN01

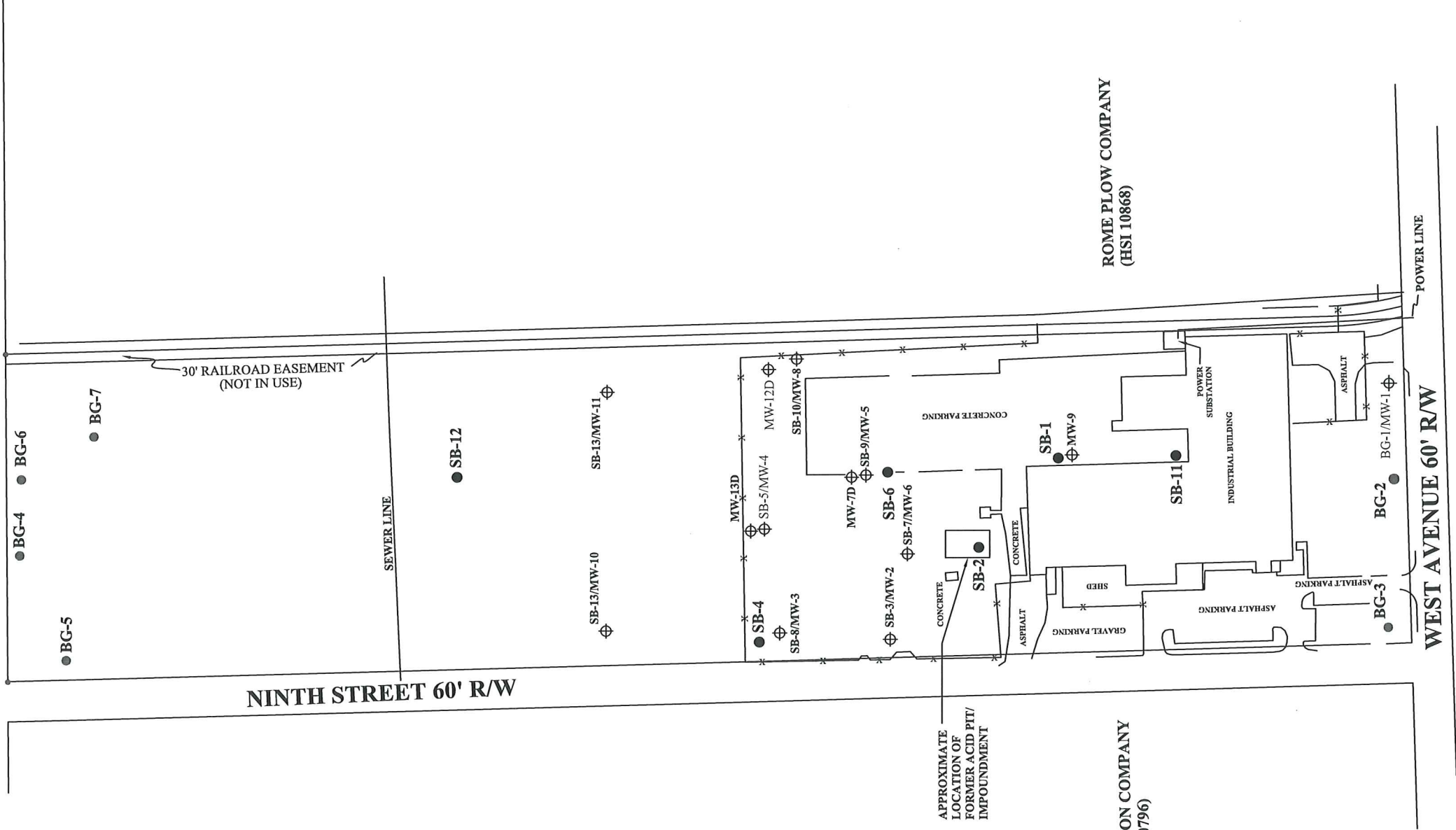
FIGURE 1

CONCEPTUAL SITE MODEL

NOT TO SCALE



WEST GIRARD AVENUE 100' R/W



LEGEND

- SB-4 SOIL BORING LOCATION
- BG-1 BACKGROUND SOIL BORING LOCATION
- ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION

ORIGINAL DRAWING PROVIDED BY: ELBERT H. ANGEL
GEORGIA REG. LAND SURVEYOR - 1742
956 CEDARTOWN, GA. 30125
(770) 748-0419

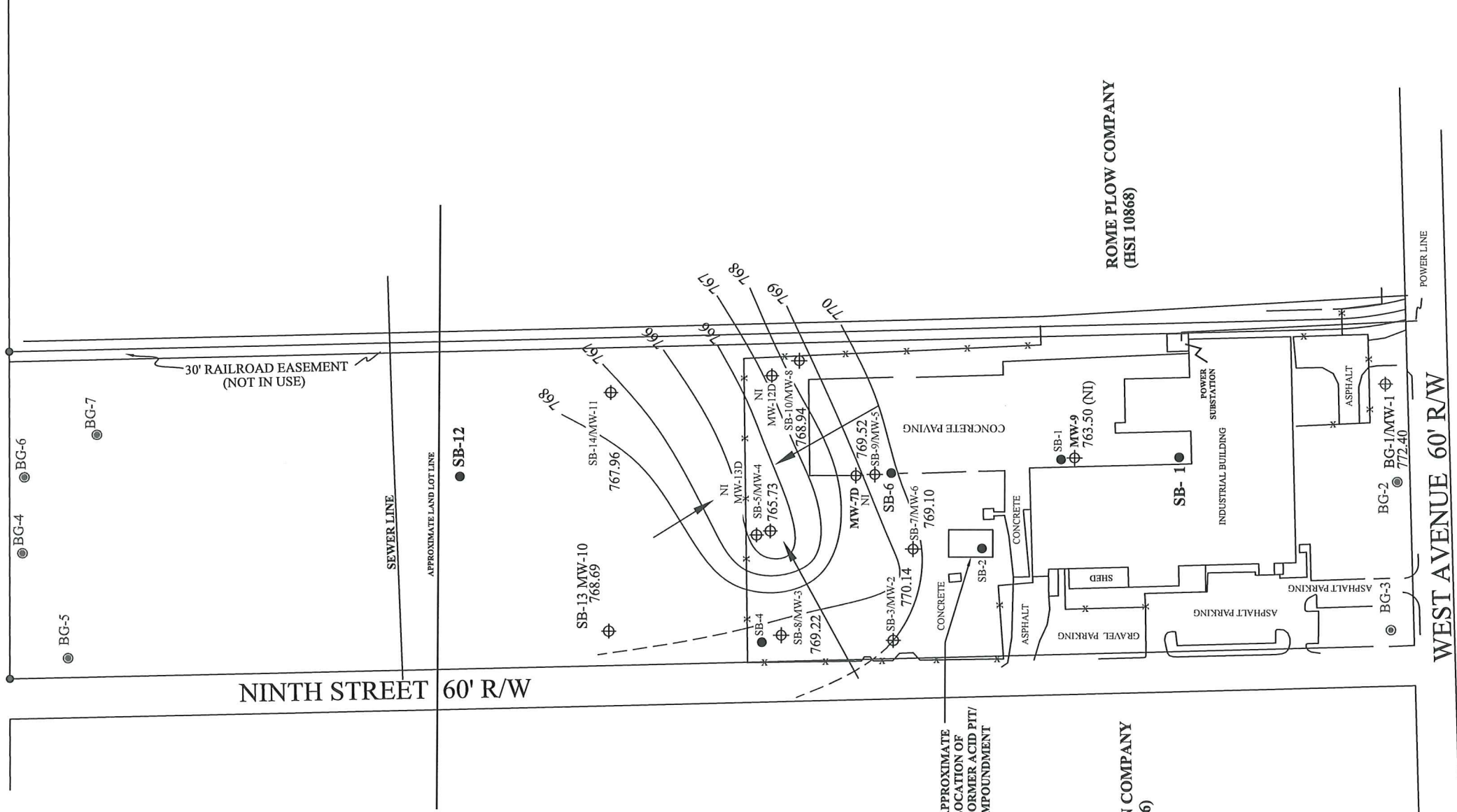


PROJECT
PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

FIGURE 2
SITE MAP
SCALE: 1" = 200'



WEST GIRARD AVENUE 100' R/W



- LEGEND**
- SB-4 SOIL BORING LOCATION
 - BG-1 BACKGROUND SOIL BORING LOCATION
 - ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION
 - GROUNDWATER FLOW DIRECTION
 - 772.40 GROUNDWATER ELEVATION
 - 770- GROUNDWATER ELEVATION CONTOUR INTERVAL
 - NI NOT INCLUDED; DEEP MONITORING WELLS MW-7D, MW-12D, MW-13D AND SHALLOW MONITORING WELL MW-9 NOT INCLUDED



PROJECT

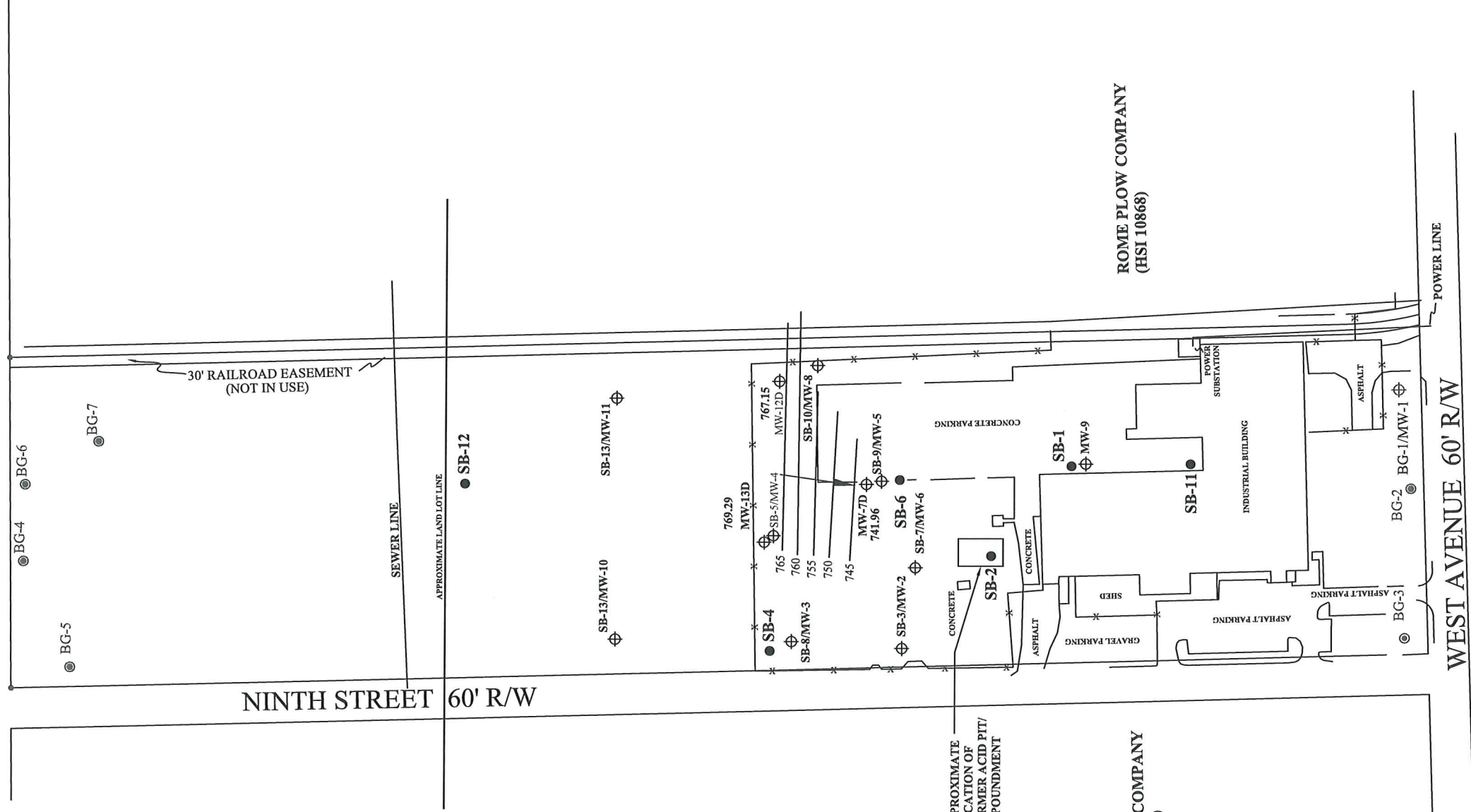
PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

FIGURE 3

SHALLOW AQUIFER
POTENTIOMETRIC SURFACE MAP
DECEMBER 15, 2008
SCALE: 1" = 200'



WEST GIRARD AVENUE 100' R/W



- LEGEND**
- SB-4 SOIL BORING LOCATION
 - ⊙ BG-1 BACKGROUND SOIL BORING LOCATION
 - ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION
 - GROUNDWATER FLOW DIRECTION
 - 741.96 GROUNDWATER ELEVATION
 - 765- GROUNDWATER ELEVATION CONTOUR INTERVAL

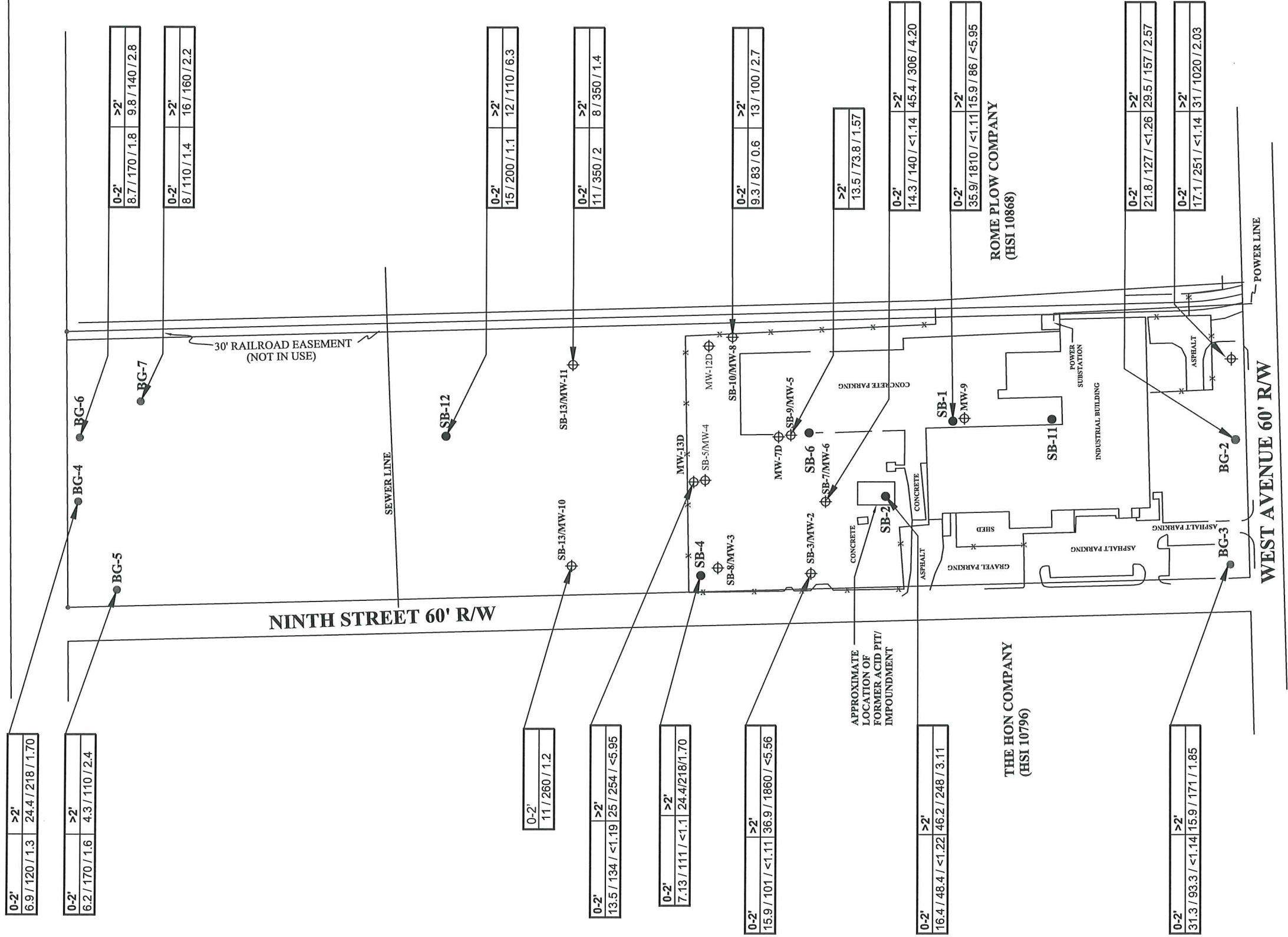


PROJECT

PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

FIGURE 4

DEEP AQUIFER POTENTIOMETRIC
SURFACE MAP
DECEMBER 15, 2008
SCALE: 1" = 200'



LEGEND

- SB-4 SOIL BORING LOCATION
- BG-1 BACKGROUND SOIL BORING LOCATION
- ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION

ORIGINAL DRAWING PROVIDED BY: ELBERT H. ANGEL
GEORGIA REG. LAND SURVEYOR - 1742
956 CEDARTOWN, GA. 30125
(770) 748-0419

NOTE: THE HIGHEST CONCENTRATION DETECTED AT >2' BELOW GROUND SURFACE IS PRESENTED

17.1 / 251 / 1.14 ARSENIC / BARIUM / BERYLLIUM CONCENTRATIONS (MILLIGRAMS / KILOGRAM) IN SOIL



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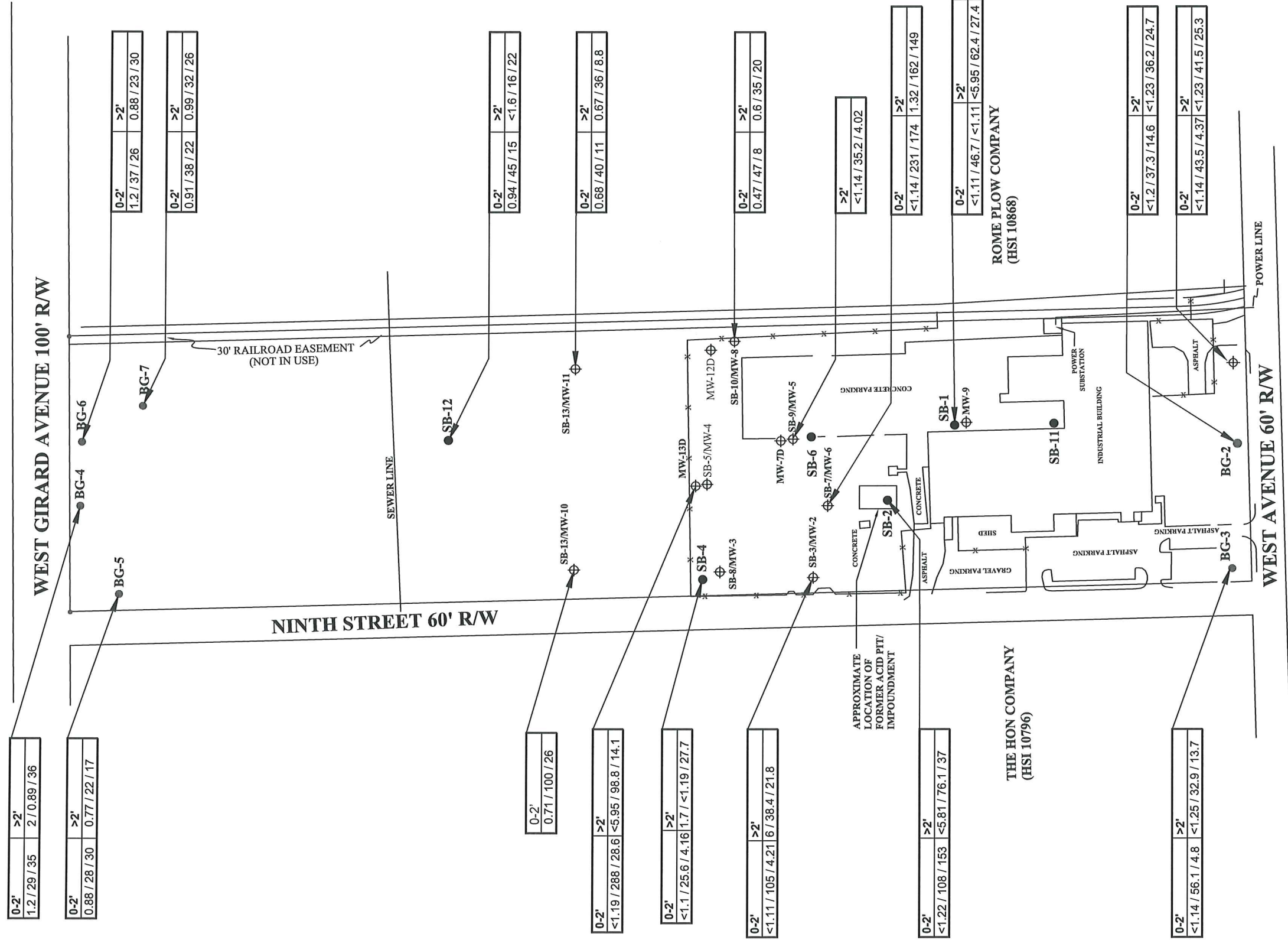
PROJECT

PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

FIGURE 5

ARSENIC, BARIUM, AND BERYLLIUM
CONCENTRATIONS IN SOIL

SCALE: 1" = 200'



LEGEND

- SB-4 SOIL BORING LOCATION
- BG-1 BACKGROUND SOIL BORING LOCATION
- ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION

ORIGINAL DRAWING PROVIDED BY: ELBERT H. ANGEL
GEORGIA REG. LAND SURVEYOR - 1742
956 CEDARTOWN, GA. 30125
(770) 748-0419

NOTE: THE HIGHEST CONCENTRATION DETECTED AT >2' BELOW
GROUND SURFACE IS PRESENTED

< 1.14 / 43.5 / 4.37 CADMIUM / CHROMIUM / COPPER CONCENTRATIONS
(MILLIGRAMS / KILOGRAM) IN SOIL

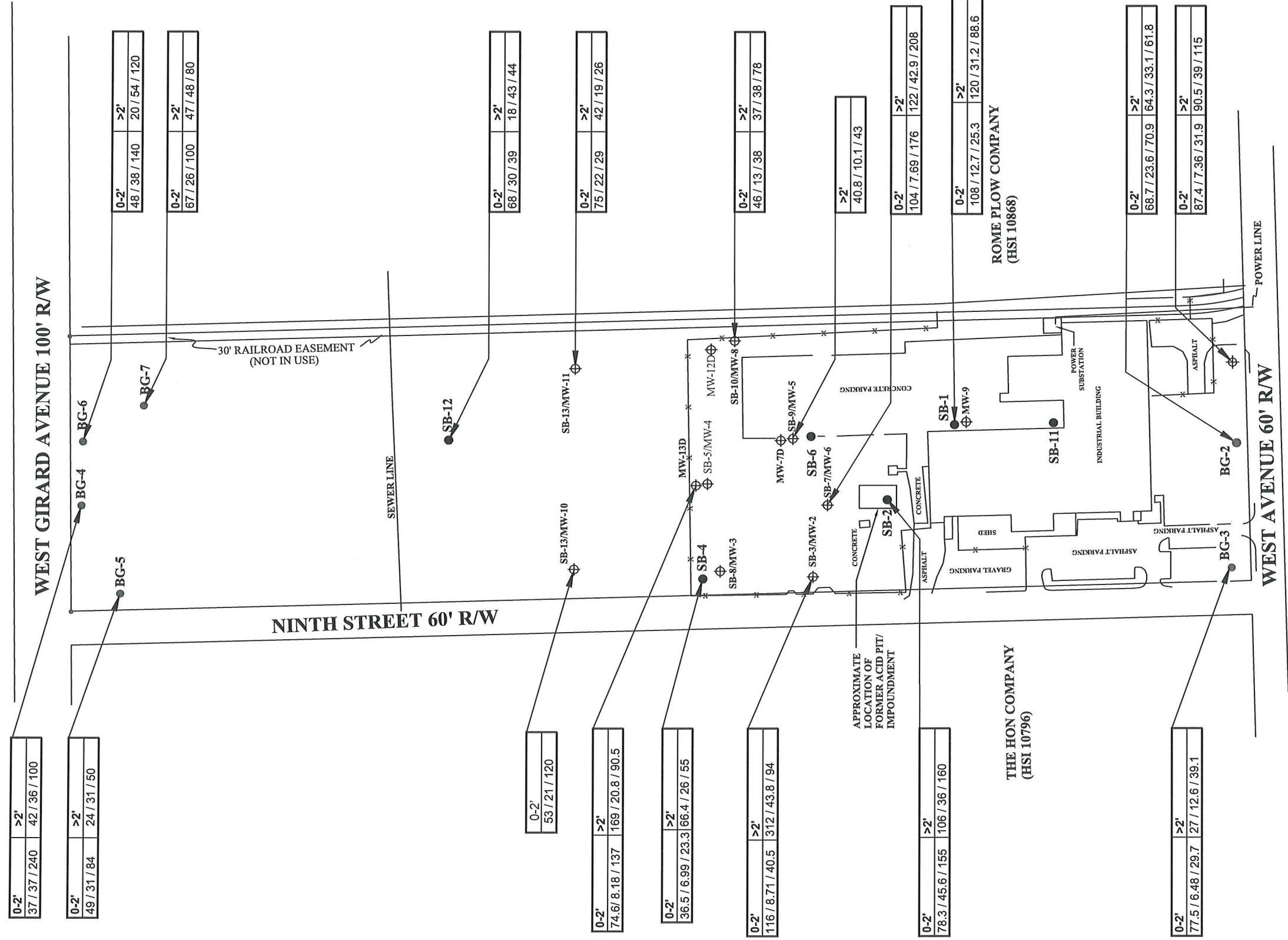


PROJECT

PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

FIGURE 6

CADMIUM, CHROMIUM, AND
COPPER CONCENTRATIONS IN SOIL
SCALE: 1" = 200'



LEGEND

- SB-4 SOIL BORING LOCATION
- BG-1 BACKGROUND SOIL BORING LOCATION
- ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION

ORIGINAL DRAWING PROVIDED BY: ELBERT H. ANGEL
GEORGIA REG. LAND SURVEYOR - 1742
956 CEDARTOWN, GA. 30125
(770) 748-0419

NOTE: THE HIGHEST CONCENTRATION DETECTED AT >2' BELOW GROUND SURFACE IS PRESENTED
LEAD / NICKEL / ZINC CONCENTRATIONS (MILLIGRAMS / KILOGRAM) IN SOIL



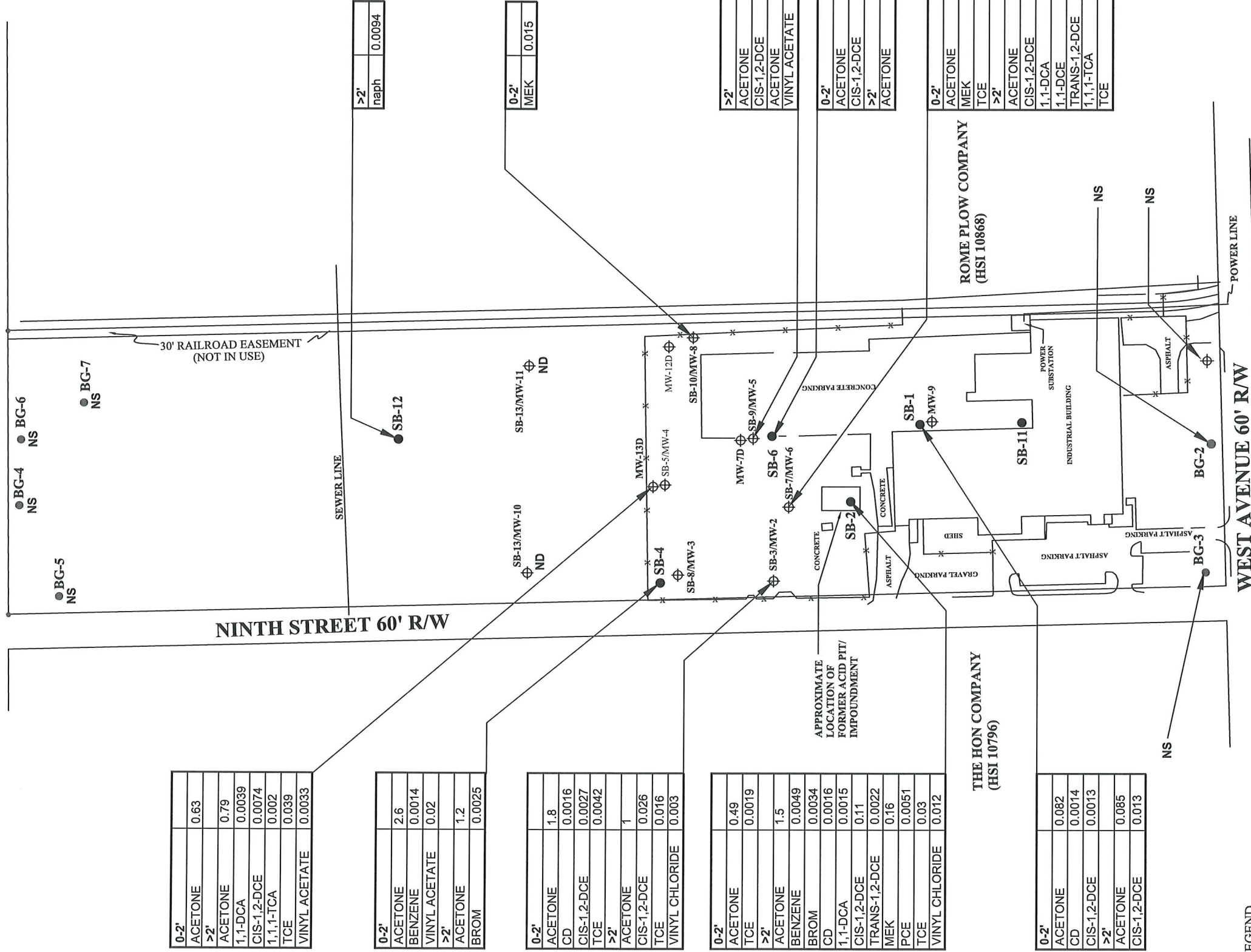
bullock environmental, llc

PROJECT
PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

FIGURE 7
LEAD, NICKEL, AND ZINC CONCENTRATIONS IN SOIL
SCALE: 1" = 200'



WEST GIRARD AVENUE 100' R/W



LEGEND

- SB-4 SOIL BORING LOCATION
- BG-1 BACKGROUND SOIL BORING LOCATION
- ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION
- VOCs- VOLATILE ORGANIC COMPOUNDS
- VA- VINYL ACETATE
- NS- NOT SAMPLED
- ND- NOT DETECTED
- Brom- BROMOMETHANE
- CD- CARBON DISULFIDE
- MEK- METHYL ETHYL KETONE
- Naph- NAPHTHALENE
- VC- VINYL CHLORIDE
- TCE- TRICHLOROETHENE
- PCE- TETRACHLOROETHENE
- 1,1,1-TCA- 1,1,1-TRICHLOROETHANE
- 1,1-DCE- 1,1-DICHLOROETHENE
- 1,1-DCA- 1,1-DICHLOROETHANE

ORIGINAL DRAWING PROVIDED BY: ELBERT H. ANGEL
GEORGIA REG. LAND SURVEYOR - 1742
956 CEDARTOWN, GA. 30125
(770) 748-0419

NOTE: THE HIGHEST CONCENTRATION DETECTED AT >2' BELOW GROUND SURFACE IS PRESENTED
ALL CONCENTRATIONS ARE PRESENTED IN MILLIGRAMS / KILOGRAM (mg/kg).



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PROJECT

PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

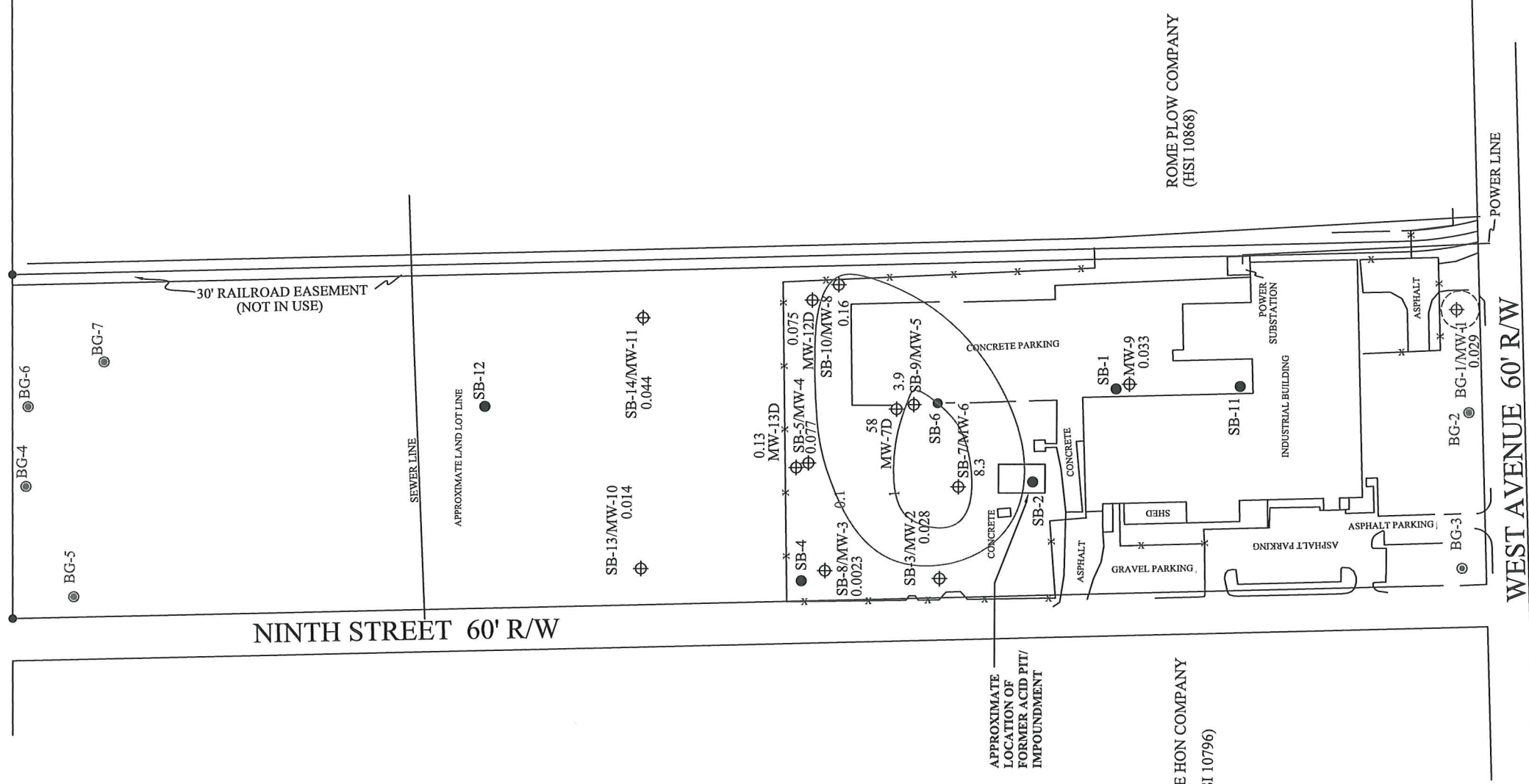
FIGURE 8

VOLATILE ORGANIC COMPOUNDS
CONCENTRATIONS IN SOIL

SCALE: 1" = 200'



WEST GIRARD AVENUE 100' R/W



LEGEND

- SB-4 SOIL BORING LOCATION
- ⊙ BG-1 BACKGROUND SOIL BORING LOCATION
- ⊕ SB-3/MW-2 SOIL BORING/MONITORING WELL LOCATION

0.032 TRICHLOROETHENE (TCE) CONCENTRATION (MILLIGRAMS/LITER) IN GROUNDWATER
-1- TCE CONCENTRATION (MILLIGRAMS/LITER) CONTOUR INTERVAL

NOTE: TCE CONCENTRATIONS DETECTED IN BEDROCK MONITORING WELLS MW-7D, MW-12D, AND MW-13D WERE NOT USED TO CONSTRUCT THE ISOCONCENTRATION MAP



PROJECT

PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., GEORGIA
BULLOCK ENVIRONMENTAL, LLC PROJECT NO. 10-TRIN01

FIGURE 9

TCE CONCENTRATIONS IN THE
SHALLOW AQUIFER
DECEMBER 15-16, 2008
SCALE: 1" = 200'



PROJECT

PRELIMINARY REMEDIATION PLAN
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK CO., ALABAMA
BULLOCK ENVIRONMENTAL, LLC PROJECT #: 10-TRN01

FIGURE 10

SURFACE WATER AND
GROUNDWATER USAGE MAP

SCALE: 1" = 2000'

APPENDIX D

TABLES



Table 1 - Delineation Standards for Constituents of Concern
Preliminary Remediation Plan
Trinity Industries/Former Manchester Tank

VOCs	Soil	Groundwater
Acetone	400	4
Benzene	0.5	0.005
Bromomethane	1	0.01
2-Butanone (MEK)	200	2
Carbon Disulfide	400	4
Carbon Tetrachloride	NA	0.005
1,1-Dichloroethane	57.9	4
1,2-Dichloroethane	NA	0.005
1,1-Dichloroethene	0.7	0.007
cis-1,2-Dichloroethene	10	DL
trans-1,2-Dichloroethene	10	0.1
1,2-dichloropropane	NA	0.005
Ethylbenzene	NA	0.7
1,1,1-trichloroethane	10.1	0.2
1,1,2-trichloroethane	NA	0.005
Tetrachloroethene	0.5	0.005
Trichloroethene	0.5	0.005
Vinyl Acetate	0.51	DL
Vinyl Chloride	0.2	0.002
Xylenes	NA	10
Metals	Soil	Groundwater
Antimony	NA	DL
Arsenic	20	0.01
Barium	1,000	2
Beryllium	3.2	0.004
Cadmium	39	0.005
Chromium	100	0.1
Copper	100	1.3
Lead	75	0.015
Nickel	59.1	0.1
Zinc	259	2

Notes

Delineation values = Type 1 Risk Reduction Standards under HSRA

The metals list was revised during a meeting with Georgia EPD on May 3, 2007

Soil delineation values are presented in milligrams/kilogram (mg/kg)

Groundwater delineation values are presented in milligrams/liter (mg/L)

NA - not applicable

DL - detection limit

TABLE 2 - SOIL ANALYTICAL RESULTS (Metals)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

Sample ID	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
BG-1 (0-2')	<2.27	17.1	251	<1.14	<1.14	43.5	31.9	4.37	87.4	<0.114	7.36	<2.27	<1.14	<4.55	87.6	31.9
BG-1 (5-7')	<2.3	26.5	1020	<1.15	<1.15	41.5	36.0	12.4	86.5	<0.115	22.0	<2.3	<1.15	<4.6	110	54.3
BG-1 (13-15')	<2.47	31.0	43.4	2.03	<1.23	37.8	13.3	25.3	90.5	0.135	39.0	<2.47	<1.23	<4.94	96.9	115
BG-2 (0-2')	<2.41	21.8	127	1.26	<1.2	37.3	18.6	14.6	68.7	<0.12	23.6	<2.41	<1.2	<4.82	94.9	70.9
BG-2 (5-7')	<2.44	27.9	127	2.57	<1.22	33.1	18.2	24.7	64.3	0.140	33.1	<2.44	<1.22	<4.88	87.1	61.8
BG-2 (10-12')	<2.47	29.5	157	2.42	<1.23	36.2	10.0	23.3	56.5	0.142	28.2	<2.47	<1.23	<4.94	98.9	60.9
BG-3 (0-2')	<2.27	31.3	93.3	<1.14	<1.14	56.1	13.5	4.80	77.5	<0.114	6.48	<2.27	<1.14	<4.55	113	29.7
BG-3 (5-7')	<2.5	15.9	171	1.85	<1.25	32.9	3.73	13.7	27.0	<0.125	12.6	<2.5	<1.25	<5.00	56.5	39.1
BG-4-1 (0-2')	NA	6.9	120	1.3	1.2	29	NA	35	37	NA	37	NA	NA	NA	NA	240
BG-4-2 (5'-7')	NA	9.6	180	2.0	0.89	36	NA	23	42	NA	36	NA	NA	NA	NA	100
BG-5-1 (0-2')	NA	6.2	170	1.6	0.88	28	NA	30	49	NA	31	NA	NA	NA	NA	84
BG-5-2 (5'-7')	NA	4.3	110	2.4	0.77	22	NA	17	24	NA	31	NA	NA	NA	NA	50
BG-6-1 (0-2')	NA	8.7	170	1.8	1.2	37	NA	26	48	NA	38	NA	NA	NA	NA	140
BG-6-2 (5'-7')	NA	9.8	140	2.8	0.88	23	NA	30	20	NA	54	NA	NA	NA	NA	120
BG-7-1 (0-2')	NA	8.0	110	1.4	0.91	38	NA	22	67	NA	26	NA	NA	NA	NA	100
BG-7-2 (2'-4')	NA	16	160	2.2	0.99	32	NA	26	47	NA	48	NA	NA	NA	NA	80
SB-1 (0-2')	<2.22	35.9	1810	<1.11	<1.11	46.7	58.9	<1.11	108	<0.111	12.7	<2.22	3.03	<4.44	133	25.3
SB-1 (5-7')	<11.9	15.9	86.0	<5.95	<5.95	62.4	<5.95	27.4	120	<0.119	31.2	<11.9	<5.95	<23.8	150	88.6
SB-2 (0-2')	<2.44	16.4	48.4	<1.22	<1.22	108	25.8	153	78.3	<0.122	45.6	<2.44	<1.22	<4.88	91.4	155
SB-2 (5-7')	<11.6	30.4	70.1	<5.81	<5.81	76.1	12.5	7.64	106	<0.116	16.0	<11.6	<5.81	<23.3	181	160
SB-2 (10-12')	<2.5	46.2	248	3.11	<1.25	71.6	20.0	37.0	80.7	0.135	36.0	<2.5	<1.25	<5.00	109	146
SB-3 (0-2')	<2.22	15.9	101	<1.11	<1.11	105	20.2	4.21	116	<0.111	8.71	<2.22	<1.11	<4.44	94.5	40.5
SB-3 (5-7')	<11.1	36.9	1860	<5.56	6.00	38.4	124	<5.56	312	<0.111	43.8	<11.1	<5.56	<22.2	197	70.0
SB-3 (14-16')	<2.7	20.4	96.8	3.08	<1.35	25.5	8.00	21.8	46.2	<0.135	25.6	<2.7	<1.35	<5.41	67.7	94.0
SB-4 (0-2')	<2.19	7.13	111	<1.1	<1.1	25.6	10.6	4.16	36.5	<0.11	6.99	<2.19	<1.1	<4.39	36.1	23.3
SB-4 (5-6')	<2.38	24.4	218	1.70	<1.19	27.7	15.1	11.6	66.4	<0.119	26.0	<2.38	<1.19	<4.76	85.2	55.0
SB-5 (0-2')	<2.38	13.5	134	<1.19	<1.19	288	10.9	28.6	74.6	<0.119	8.18	<2.38	<1.19	<4.76	86.9	137
SB-5 (5-7')	<11.9	24.0	254	<5.95	<5.95	98.8	15.2	<5.95	169	<0.119	16.7	<11.9	<5.95	<23.8	162	42.6
SB-5 (10-11')	<2.56	25.0	94.9	2.69	<1.28	81.4	10.5	14.1	70.3	<0.128	20.8	<2.56	<1.28	<5.13	94.0	90.5
SB-6 (0-2')	<12.2	<12.2	211	<6.1	<6.1	82.2	12.2	19.7	104	<0.122	16.5	<12.2	<6.1	<24.4	156	88.4
SB-6 (5-7')	<12.8	23.4	267	<6.41	<6.41	75.1	16.1	<6.41	102	<0.128	17.5	<12.8	<6.41	<25.6	159	49.9
SB-7 (0-2')	<2.27	14.3	140	<1.14	<1.14	231	16.3	174	104	<0.114	7.69	<2.27	<1.14	<4.55	117	176
SB-7 (5-7')	<2.27	21.8	305	1.21	<1.14	162	19.2	149	108	<0.114	9.55	<2.27	<1.14	<4.55	114	133
SB-7 (14-16')	<2.41	45.4	56.2	4.20	1.32	56.2	21.1	24.5	122	<0.12	42.9	<2.41	<1.2	<4.82	122	208
SB-9 (10-12')	<2.27	13.5	73.8	1.57	<1.14	35.2	4.85	4.02	40.8	<0.114	10.1	<2.27	<1.14	<4.55	74.1	43.0
SB-10-1 (0-2')	NA	9.3	83	0.6	0.47	47	NA	8	46	NA	13	NA	NA	NA	NA	38
SB-10-2 (5-7')	NA	13	100	2.7	0.6	35	NA	20	37	NA	38	NA	NA	NA	NA	78
SB-12-1 (0-2')	NA	15	200	1.1	0.94	45	NA	15	68	NA	30	NA	NA	NA	NA	39
SB-12-2 (5-7')	NA	12	110	6.3	<1.6	16	NA	22	18	NA	43	NA	NA	NA	NA	44
SB-13-1 (0-2')	NA	11	260	1.2	0.71	100	NA	26	53	NA	21	NA	NA	NA	NA	120
SB-14-1 (0-2')	NA	11	350	2.0	0.68	40	NA	11	75	NA	22	NA	NA	NA	NA	29
SB-14-2 (5-7')	NA	8	350	1.4	0.67	36	NA	8.8	42	NA	19	NA	NA	NA	NA	26

Notes:
All values reported as milligrams per kilogram (mg/kg)
NA - Not Analyzed
Detected values are listed in bold

TABLE 3 - SOIL ANALYTICAL RESULTS (VOCs)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

Sample ID	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl Vinyl Ether	Chloroform	Chloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane
SB-1 (0-2')	0.082	NA	<0.0009	NA	<0.0009	<0.0009	<0.0018	0.0014	<0.0009	<0.0018	<0.0009	<0.0045	NA	<0.0009	<0.0009	NA	NA	NA	NA	NA	NA
SB-1 (5-7')	0.085	NA	<0.00099	NA	<0.00099	<0.00099	<0.002	<0.00099	<0.00099	<0.002	<0.00099	<0.005	NA	<0.00099	<0.00099	NA	NA	NA	NA	NA	NA
SB-2 (0-2')	0.49	NA	<0.00098	NA	<0.00098	<0.00098	<0.002	<0.00098	<0.00098	<0.002	<0.00098	<0.0049	NA	<0.00098	<0.00098	NA	NA	NA	NA	NA	NA
SB-2 (5-7')	1.5	NA	0.0049	NA	<0.00084	<0.00084	0.0034	<0.00084	<0.00084	<0.0017	<0.00084	<0.0042	NA	<0.00084	<0.00084	NA	NA	NA	NA	NA	NA
SB-2 (10-12')	0.19	NA	<0.00099	NA	<0.00099	<0.00099	<0.002	0.0016	<0.00099	<0.002	<0.00099	<0.005	NA	<0.00099	<0.00099	NA	NA	NA	NA	NA	NA
SB-3 (0-2')	1.8	NA	<0.0013	NA	<0.0013	<0.0013	<0.0025	0.0016	<0.0013	<0.0025	<0.0013	<0.0063	NA	<0.0013	<0.0013	NA	NA	NA	NA	NA	NA
SB-3 (5-7')	0.41	NA	<0.00079	NA	<0.00079	<0.00079	<0.0016	<0.00079	<0.00079	<0.0016	<0.00079	<0.004	NA	<0.00079	<0.00079	NA	NA	NA	NA	NA	NA
SB-3 (14-16')	1.0	NA	<0.0016	NA	<0.0016	<0.0016	<0.0033	<0.0016	<0.0016	<0.0033	<0.0016	<0.0082	NA	<0.0016	<0.0016	NA	NA	NA	NA	NA	NA
SB-4 (0-2')	2.6	NA	0.0014	NA	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.001	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA
SB-4 (5-6')	1.2	NA	<0.001	NA	<0.001	<0.001	0.0025	<0.001	<0.001	<0.002	<0.001	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA
SB-5 (0-2')	0.63	NA	<0.00085	NA	<0.00085	<0.00085	<0.0017	<0.00085	<0.00085	<0.0017	<0.00085	<0.0042	NA	<0.00085	<0.00085	NA	NA	NA	NA	NA	NA
SB-5 (5-7')	0.79	NA	<0.001	NA	<0.001	<0.001	<0.0021	<0.001	<0.001	<0.0021	<0.001	<0.0051	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA
SB-5 (10-11')	0.25	NA	<0.00097	NA	<0.00097	<0.00097	<0.0019	<0.00097	<0.00097	<0.0019	<0.00097	<0.0049	NA	<0.00097	<0.00097	NA	NA	NA	NA	NA	NA
SB-6 (0-2')	1.1	NA	<0.0013	NA	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0026	<0.0013	<0.0065	NA	<0.0013	<0.0013	NA	NA	NA	NA	NA	NA
SB-6 (5-7')	0.094	NA	<0.001	NA	<0.001	<0.001	<0.0021	<0.001	<0.001	<0.0021	<0.001	<0.0052	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA
SB-7 (0-2')	1.3	NA	<0.001	NA	<0.001	<0.001	<0.0021	<0.001	<0.001	<0.0021	<0.001	<0.0052	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA
SB-7 (5-7')	0.55	NA	<0.00098	NA	<0.00098	<0.00098	<0.002	<0.00098	<0.00098	<0.002	<0.00098	<0.0049	NA	<0.00098	<0.00098	NA	NA	NA	NA	NA	NA
SB-7 (14-16')	0.27	NA	<0.0011	NA	<0.0011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0022	<0.0011	<0.0054	NA	<0.0011	<0.0011	NA	NA	NA	NA	NA	NA
SB-9 (10-12')	0.24	NA	<0.0009	NA	<0.0009	<0.0009	<0.0018	<0.0009	<0.0009	<0.0018	<0.0009	<0.0045	NA	<0.0009	<0.0009	NA	NA	NA	NA	NA	NA
SB-10-1 (0-2')	0.1	<0.011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0055	NA	<0.0011	<0.0011	<0.0011	<0.0011	<0.055	<0.0055	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
SB-10-2 (5-7')	<0.063	<0.013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0063	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.063	<0.0063	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
SB-12-1 (0-2')	<0.059	<0.012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0059	NA	<0.0012	<0.0012	<0.0012	<0.0012	<0.059	<0.0059	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
SB-12-2 (5-7')	<0.062	<0.012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0062	NA	<0.0012	<0.0012	<0.0012	<0.0012	<0.062	<0.0062	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
SB-13-1 (0-2')	<0.054	<0.011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0054	NA	<0.0011	<0.0011	<0.0011	<0.0011	<0.054	<0.0054	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
SB-14-1 (0-2')	<0.27	<0.055	<0.0055	<0.0055	<0.0055	<0.0055	<0.027	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.27	<0.027	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
SB-14-2 (5-7')	<0.29	<0.058	<0.0058	<0.0058	<0.0058	<0.0058	<0.029	NA	<0.0058	<0.0058	<0.0058	<0.0058	<0.29	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058

Notes:
All values reported as milligrams per kilogram (mg/kg)
VOCs - Volatile Organic Compounds
NA - Not Analyzed
Detected values are listed in bold

TABLE 3 - SOIL ANALYTICAL RESULTS (VOCs)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

Sample ID	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene chloride	4-Methyl-2-pentanone (MIBK)	Methyl tert-butyl ether (MTBE)	Naphthalene	Styrene
SB-1 (0-2')	<0.0009	<0.0009	<0.0018	0.0013	<0.0009	<0.0018	NA	<0.0009	<0.0009	NA	NA	<0.0009	NA	NA	NA	<0.018	<0.009	<0.009	NA	NA	<0.0009
SB-1 (5-7')	<0.00099	<0.00099	<0.002	0.0078	<0.00099	<0.002	NA	<0.00099	<0.00099	NA	NA	<0.00099	NA	NA	NA	<0.02	<0.0099	<0.0099	NA	NA	<0.00099
SB-2 (0-2')	<0.00098	<0.00098	<0.002	<0.00098	<0.00098	<0.002	NA	<0.00098	<0.00098	NA	NA	<0.00098	NA	NA	NA	<0.02	<0.0098	<0.0098	NA	NA	<0.00098
SB-2 (5-7')	<0.00084	<0.00084	<0.0017	<0.00084	<0.00084	<0.0017	NA	<0.00084	<0.00084	NA	NA	<0.00084	NA	NA	NA	0.16	<0.0084	<0.0084	NA	NA	<0.00084
SB-2 (10-12')	0.0015	<0.00099	<0.002	0.11	0.0022	<0.002	NA	<0.00099	<0.00099	NA	NA	<0.00099	NA	NA	NA	<0.02	<0.0099	<0.0099	NA	NA	<0.00099
SB-3 (0-2')	<0.0013	<0.0013	<0.0025	0.0027	<0.0013	<0.0025	NA	<0.0013	<0.0013	NA	NA	<0.0013	NA	NA	NA	<0.025	<0.013	<0.013	NA	NA	<0.0013
SB-3 (5-7')	<0.00079	<0.00079	<0.0016	<0.00079	<0.00079	<0.0016	NA	<0.00079	<0.00079	NA	NA	<0.00079	NA	NA	NA	<0.016	<0.0079	<0.0079	NA	NA	<0.00079
SB-3 (14-16')	<0.0016	<0.0016	<0.0033	0.026	<0.0016	<0.0033	NA	<0.0016	<0.0016	NA	NA	<0.0016	NA	NA	NA	<0.033	<0.016	<0.016	NA	NA	<0.0016
SB-4 (0-2')	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	NA	<0.001	<0.001	NA	NA	<0.001	NA	NA	NA	<0.02	<0.01	<0.01	NA	NA	<0.001
SB-4 (5-6')	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	NA	<0.001	<0.001	NA	NA	<0.001	NA	NA	NA	<0.02	<0.01	<0.01	NA	NA	<0.001
SB-5 (0-2')	<0.00085	<0.00085	<0.0017	<0.00085	<0.00085	<0.0017	NA	<0.00085	<0.00085	NA	NA	<0.00085	NA	NA	NA	<0.017	<0.0085	<0.0085	NA	NA	<0.00085
SB-5 (5-7')	<0.001	<0.001	<0.0021	<0.001	<0.001	<0.0021	NA	<0.001	<0.001	NA	NA	<0.001	NA	NA	NA	<0.021	<0.01	<0.01	NA	NA	<0.001
SB-5 (10-11')	<0.00097	<0.00097	<0.0019	0.0074	<0.00097	<0.0019	NA	<0.00097	<0.00097	NA	NA	<0.00097	NA	NA	NA	<0.019	<0.0097	<0.0097	NA	NA	<0.00097
SB-6 (0-2')	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0026	NA	<0.0013	<0.0013	NA	NA	<0.0013	NA	NA	NA	<0.026	<0.013	<0.013	NA	NA	<0.0013
SB-6 (5-7')	<0.001	<0.001	<0.0021	<0.001	<0.001	<0.0021	NA	<0.001	<0.001	NA	NA	<0.001	NA	NA	NA	<0.021	<0.01	<0.01	NA	NA	<0.001
SB-7 (0-2')	<0.001	<0.001	<0.0021	<0.001	<0.001	<0.0021	NA	<0.001	<0.001	NA	NA	<0.001	NA	NA	NA	0.063	<0.01	<0.01	NA	NA	<0.001
SB-7 (5-7')	<0.00098	<0.00098	<0.002	<0.00098	<0.00098	<0.002	NA	<0.00098	<0.00098	NA	NA	<0.00098	NA	NA	NA	<0.02	<0.0098	<0.0098	NA	NA	<0.00098
SB-7 (14-16')	0.0039	<0.0011	0.0068	0.26	0.0053	<0.0022	NA	<0.0011	<0.0011	NA	NA	<0.0011	NA	NA	NA	<0.022	<0.011	<0.011	NA	NA	<0.0011
SB-9 (10-12')	<0.0009	<0.0009	<0.0018	0.018	<0.0009	<0.0018	NA	<0.0009	<0.0009	NA	NA	<0.0009	NA	NA	NA	<0.018	<0.009	<0.009	NA	NA	<0.0009
SB-10-1 (0-2')	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.015	<0.0055	<0.011	<0.0011	<0.0055	<0.0011
SB-10-2 (5-7')	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.013	<0.0063	<0.013	<0.0013	<0.0063	<0.0013
SB-12-1 (0-2')	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.012	<0.0059	<0.012	<0.0012	<0.0059	<0.0012
SB-12-2 (5-7')	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.012	<0.0062	<0.012	<0.0012	0.0094	<0.0012
SB-13-1 (0-2')	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.011	<0.0054	<0.011	<0.0011	<0.0054	<0.0011
SB-14-1 (0-2')	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.055	<0.027	<0.055	<0.0055	<0.027	<0.0055
SB-14-2 (5-7')	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.058	<0.029	<0.058	<0.0058	<0.029	<0.0058

Notes:
All values reported as milligrams per kilogram (mg/kg)
VOCs - Volatile Organic Compounds
NA - Not Analyzed
Detected values are listed in bold

TABLE 3 - SOIL ANALYTICAL RESULTS (VOCs)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

Sample ID	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	Vinyl chloride	Xylenes, Total	Total VOCs (minus acetone)
SB-1 (0-2')	NA	<0.0018	NA	<0.0009	<0.0009	NA	NA	<0.0009	<0.0009	<0.0009	<0.0009	NA	NA	NA	NA	<0.0009	<0.0009	<0.0009	0.00270
SB-1 (5-7')	NA	<0.002	NA	<0.00099	<0.00099	NA	NA	<0.00099	<0.00099	<0.00099	<0.00099	NA	NA	NA	NA	<0.00099	<0.00099	<0.00099	0.00780
SB-2 (0-2')	NA	<0.002	NA	<0.00098	<0.00098	NA	NA	<0.00098	<0.00098	0.0019	<0.00098	NA	NA	NA	NA	<0.00098	<0.00098	<0.00098	0.00190
SB-2 (5-7')	NA	<0.0017	NA	0.0051	<0.00084	NA	NA	<0.00084	<0.00084	0.016	<0.00084	NA	NA	NA	NA	<0.00084	<0.00084	<0.00084	0.189
SB-2 (10-12')	NA	<0.002	NA	<0.00099	<0.00099	NA	NA	<0.00099	<0.00099	0.030	<0.00099	NA	NA	NA	NA	<0.00099	0.012	<0.00099	0.157
SB-3 (0-2')	NA	<0.0025	NA	<0.0013	<0.0013	NA	NA	<0.0013	<0.0013	0.0042	<0.0013	NA	NA	NA	NA	<0.0013	<0.0013	<0.0013	0.00850
SB-3 (5-7')	NA	<0.0016	NA	<0.00079	<0.00079	NA	NA	<0.00079	<0.00079	<0.00079	<0.00079	NA	NA	NA	NA	0.003	<0.00079	<0.00079	0.00300
SB-3 (14-16')	NA	<0.0033	NA	<0.0016	<0.0016	NA	NA	<0.0016	<0.0016	0.016	<0.0016	NA	NA	NA	NA	0.0061	<0.0016	<0.0016	0.0481
SB-4 (0-2')	NA	<0.002	NA	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	0.020	<0.001	<0.001	0.0214
SB-4 (5-6')	NA	<0.002	NA	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	<0.001	<0.001	0.00250
SB-5 (0-2')	NA	<0.0017	NA	<0.00085	<0.00085	NA	NA	<0.00085	<0.00085	<0.00085	<0.00085	NA	NA	NA	NA	<0.00085	<0.00085	<0.00085	ND
SB-5 (5-7')	NA	<0.0021	NA	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	0.0033	<0.001	<0.001	0.00330
SB-5 (10-11')	NA	<0.0019	NA	<0.00097	<0.00097	NA	NA	0.002	<0.00097	0.039	<0.00097	NA	NA	NA	NA	0.0029	<0.00097	<0.00097	0.0513
SB-6 (0-2')	NA	<0.0026	NA	<0.0013	<0.0013	NA	NA	<0.0013	<0.0013	<0.0013	<0.0013	NA	NA	NA	NA	0.0076	<0.0013	<0.0013	0.00760
SB-6 (5-7')	NA	<0.0021	NA	<0.001	<0.001	NA	NA	<0.001	<0.001	<0.001	<0.001	NA	NA	NA	NA	<0.001	<0.001	<0.001	ND
SB-7 (0-2')	NA	<0.0021	NA	<0.001	<0.001	NA	NA	<0.001	<0.001	0.0013	<0.001	NA	NA	NA	NA	<0.001	<0.001	<0.001	0.0643
SB-7 (5-7')	NA	<0.002	NA	<0.00098	<0.00098	NA	NA	<0.00098	<0.00098	<0.00098	<0.00098	NA	NA	NA	NA	<0.00098	<0.00098	<0.00098	ND
SB-7 (14-16')	NA	<0.0022	NA	<0.0011	<0.0011	NA	NA	0.005	<0.0011	0.13	<0.0011	NA	NA	NA	NA	<0.0011	<0.0011	<0.0011	0.411
SB-9 (10-12')	NA	<0.0018	NA	<0.0009	<0.0009	NA	NA	<0.0009	<0.0009	0.013	<0.0009	NA	NA	NA	NA	0.005	<0.0009	<0.0009	0.0360
SB-10-1 (0-2')	<0.0011	<0.0011	<0.0011	<0.0011	<0.0055	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	NA	<0.0011	<0.0033	0.0150
SB-10-2 (5-7')	<0.0013	<0.0013	<0.0013	<0.0013	<0.0063	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	NA	<0.0013	<0.0038	ND
SB-12-1 (0-2')	<0.0012	<0.0012	<0.0012	<0.0012	<0.0059	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	NA	<0.0012	<0.0036	ND
SB-12-2 (5-7')	<0.0012	<0.0012	<0.0012	<0.0012	<0.0062	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	NA	<0.0012	<0.0037	0.0094
SB-13-1 (0-2')	<0.0011	<0.0011	<0.0011	<0.0011	<0.0054	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	NA	<0.0011	<0.0033	ND
SB-14-1 (0-2')	<0.0055	<0.0055	<0.0055	<0.0055	<0.027	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	NA	<0.0055	<0.016	ND
SB-14-2 (5-7')	<0.0058	<0.0058	<0.0058	<0.0058	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	NA	<0.0058	<0.017	ND

Notes:
All values reported as milligrams per kilogram (mg/kg)
VOCs - Volatile Organic Compounds
NA - Not Analyzed
Detected values are listed in bold

TABLE 4 - GROUNDWATER ANALYTICAL RESULTS (Metals)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

	Analyte	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Well I.D.	Date																
MW-1	8/25/06	<0.005	<0.004	0.0382	<0.002	<0.002	<0.004	<0.002	<0.002	<0.001	<0.0002	0.00221	<0.005	<0.001	<0.002	<0.01	<0.006
	4/2/07	<0.01	<0.02	0.12	<0.002	<0.005	<0.01	<0.01	<0.02	<0.005	<0.0002	<0.02	<0.02	<0.01	<0.02	<0.01	<0.03
MW-2	8/25/06	<0.005	<0.004	0.0296	<0.002	<0.002	<0.004	<0.002	<0.002	<0.001	<0.0002	0.00283	<0.005	<0.001	<0.002	<0.01	<0.006
	4/2/07	<0.01	<0.02	0.04	<0.002	<0.005	<0.01	<0.01	<0.02	<0.005	<0.0002	<0.02	<0.02	<0.01	<0.02	<0.01	<0.03
MW-3	8/25/06	<0.005	<0.004	0.0448	<0.002	<0.002	0.00425	<0.002	0.00466	0.0049	<0.0002	0.00587	<0.005	<0.001	<0.002	<0.01	0.0190
	4/2/07	<0.01	<0.02	0.033	<0.002	<0.005	<0.01	<0.01	<0.02	<0.005	<0.0002	<0.02	<0.02	<0.01	<0.02	<0.01	<0.03
MW-4	8/25/06	<0.005	<0.004	0.045	<0.002	<0.002	0.0115	<0.002	0.00423	0.00186	<0.0002	0.00430	<0.005	<0.001	<0.002	<0.01	0.0114
	4/2/07	<0.01	<0.02	0.023	<0.002	<0.005	<0.01	<0.01	<0.02	<0.005	<0.0002	<0.02	<0.02	<0.01	<0.02	<0.01	<0.03
MW-5	8/25/06	<0.005	<0.004	0.0592	<0.002	<0.002	0.0137	<0.002	0.0118	0.00427	<0.0002	0.00827	<0.005	<0.001	<0.002	0.0116	0.0186
	4/2/07	0.016	<0.02	0.022	<0.002	<0.005	<0.01	<0.01	0.026	<0.005	<0.0002	<0.02	<0.02	<0.01	<0.02	<0.01	<0.03
MW-6	8/25/06	<0.005	<0.004	0.0313	<0.002	<0.002	0.0153	<0.002	0.00322	0.0014	<0.0002	0.00236	<0.005	<0.001	<0.002	<0.01	0.00978
	4/2/07	0.01	<0.02	0.03	<0.002	<0.005	0.012	<0.01	0.022	<0.005	<0.0002	<0.02	<0.02	<0.01	<0.02	<0.01	<0.03
MW-7D	6/11/07	<0.010	<0.020	0.06	<0.0020	<0.0050	<0.010	NA	<0.020	<0.0050	NA	<0.020	NA	NA	NA	NA	0.068
MW-8	6/11/07	<0.010	<0.020	0.028	<0.0020	<0.0050	<0.010	NA	<0.020	<0.0050	NA	<0.020	NA	NA	NA	NA	0.072
MW-9	6/11/07	<0.010	<0.020	0.084	<0.0020	<0.0050	<0.010	NA	<0.020	<0.0050	NA	<0.020	NA	NA	NA	NA	0.16
MW-10	6/11/07	<0.010	<0.020	0.11	<0.0020	<0.0050	<0.010	NA	<0.020	<0.0050	NA	<0.020	NA	NA	NA	NA	<0.030
MW-11	6/11/07	<0.010	<0.020	0.046	<0.0020	<0.0050	<0.010	NA	<0.020	<0.0050	NA	<0.020	NA	NA	NA	NA	<0.030

Notes:

All values reported as milligrams per liter (mg/L)

NA - not analyzed

Detected values are listed in bold

TABLE 5 - GROUNDWATER ANALYTICAL RESULTS (VOCs)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

	Analyte	Acetone	Acrolein	Acrylonitrile	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	
Well I.D.	Date																										
MW-1	8/25/06	<0.005	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	0.07
	4/2/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.03
	4/29/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.042
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.037
Duplicate (MW-1)	4/29/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.036
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.04
MW-2	8/25/06	<0.005	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	0.07
	4/2/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.019
	4/24/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.0015	<0.001	0.001	0.21	
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.16
MW-3	8/25/06	<0.005	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001
	4/2/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	
	4/24/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.0039	
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.0064
Dup (MW-3)	4/2/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0011
MW-4	8/25/06	<0.005	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	0.17
	4/2/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0057	0.06	
	4/24/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.0025	<0.001	0.013	0.22	
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.0012	<0.001	0.0022	0.11	
MW-5	8/25/06	<0.005	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA	0.16	0.0029	<0.1	24	
	4/2/07	<1.0	<1.0	<0.20	<0.02	<0.020	<0.020	<0.10	NA	<0.020	<0.020	<0.020	<0.020	<1.0	<0.1	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.05	<0.020	0.21	7.2	
	4/29/08	<0.50	<0.50	<0.10	<0.010	<0.010	<0.010	<0.050	NA	<0.010	<0.010	<0.010	<0.050	<0.50	<0.050	<0.025	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	0.024	1.0	
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	0.020	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.036	<0.001	0.10	6.9	
MW-6	8/25/06	<0.005	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA	NA	NA	0.071	<0.001	0.13	7.5	
	4/2/07	<0.50	<0.50	<0.10	<0.010	<0.010	<0.010	<0.050	NA	<0.010	<0.010	<0.010	<0.010	<0.5	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.49	13	
	4/29/08	<0.50	<0.50	<0.10	<0.010	<0.010	<0.010	<0.050	NA	<0.010	<0.010	<0.010	<0.050	<0.50	<0.050	<0.025	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	0.082	<0.010	0.29	7.8	
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	0.0097	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.11	0.0045	0.55	12	
MW-7D	6/11/07	<5.0	<5.0	<1.0	<0.10	<0.10	<0.10	<0.50	NA	<0.10	<0.10	<0.10	<0.10	<5.0	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.52	<0.10	1.1	62	
	9/5/07	<12.0	<12.0	<2.5	<0.25	<0.25	<0.25	<1.2	NA	<0.25	<0.25	<0.25	<1.2	<12.0	<1.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<1.2	0.52	<0.25	2.1	56	
	4/29/08	<2.5	<2.5	<0.50	<0.050	<0.050	<0.050	<0.25	NA	<0.050	<0.050	<0.050	<0.25	<2.5	<0.25	<0.12	<0.050	<0.050	<0.050	<0.050	<0.050	<0.25	0.48	<0.050	1.7	40	
	12/16/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	0.044	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.62	0.015	2.9	49	

Notes:
All values reported as milligrams per liter (mg/L)
VOCs - Volatile Organic Compounds
NA - not analyzed
Detected values are listed in bold

TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

	Analyte	Acetone	Acrolein	Acrylonitrile	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	
Well I.D.	Date																										
MW-8	6/11/07	<0.50	<0.50	<0.10	<0.010	<0.010	<0.010	<0.050	NA	<0.010	<0.010	<0.010	<0.010	<0.50	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.054	1.5	
	4/24/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.007	<0.001	0.046	0.66	
	12/16/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	0.006	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.0059	<0.001	0.012	0.37	
MW-9	6/11/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.0010	0.003	<0.001	0.001	0.27
	4/29/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.0038	<0.001	0.0014	0.24	
	12/16/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.0041	<0.001	0.0012	0.26	
MW-10	6/11/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.008	
	4/24/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.042	
	12/15/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.002	
Dup (MW-10)	6/11/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0073	
MW-11	6/11/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.034	
	4/24/08	<0.050	<0.050	<0.010	0.0014	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0014	0.048	
	12/15/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	0.0013	<0.001	0.0017	0.081	
MW-12D	4/29/08	<0.050	<0.050	<0.010	0.0011	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0016	<0.001	0.0053	0.11	
	12/15/08	<0.50	<0.50	<0.10	<0.010	<0.010	<0.010	<0.050	NA	<0.010	<0.010	<0.010	<0.050	<0.50	<0.050	<0.025	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	0.084	
MW-13D	4/29/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0032	<0.001	0.0065	0.16	
	12/15/08	<0.50	<0.50	<0.10	<0.010	<0.010	<0.010	<0.050	NA	<0.010	<0.010	<0.010	<0.050	<0.50	<0.050	<0.025	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	0.18	
Trip Blank	6/11/07	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	4/29/08	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	12/16/2008	<0.050	<0.050	<0.010	<0.001	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	

Notes:

All values reported as milligrams per liter (mg/L)

VOCs - Volatile Organic Compounds

NA - not analyzed

Detected values are listed in bold

TABLE 5 - GROUNDWATER ANALYTICAL RESULTS (VOCs)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

		Analyte	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	2-Butanone (MEK)	Methylene chloride	4-Methyl-2-pentanone (MIBK)	Methyl tert-butyl ether (MTBE)	Naphthalene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	Vinyl acetate	Vinyl chloride	Xylenes, Total	Total VOCs
Well I.D.	Well I.D.	Date																													
MW-1	MW-1	8/25/06	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.005	<0.001	<0.005	NA	NA	<0.001	NA	<0.0005	NA	<0.001	<0.001	NA	<0.001	<0.001	0.039	<0.001	NA	<0.001	<0.001	<0.001	0.109
		4/2/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.021	<0.001	<0.001	NA	<0.001	<0.003	0.051
		4/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.028	<0.005	<0.001	NA	<0.001	<0.003	0.07
		12/16/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.029	<0.005	<0.001	NA	<0.001	<0.003	0.066
Duplicate (MW-1)	Duplicate (MW-1)	4/29/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.023	<0.005	<0.001	NA	<0.001	<0.003	0.059
		12/16/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.032	<0.005	<0.001	NA	<0.001	<0.003	0.072
MW-2	MW-2	8/25/06	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.005	<0.001	<0.005	NA	NA	<0.001	NA	<0.0005	NA	<0.001	<0.001	NA	<0.001	<0.001	0.031	<0.001	NA	<0.001	<0.001	<0.001	0.101
		4/2/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.0054	<0.001	<0.001	NA	<0.001	<0.003	0.0244
		4/24/08	0.0038	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.0026	<0.005	<0.001	<0.001	<0.001	0.038	<0.005	<0.001	NA	<0.001	<0.003	0.2569
		12/16/2008	0.0033	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.028	<0.005	<0.001	NA	<0.001	<0.003	0.1913
MW-3	MW-3	8/25/06	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.005	<0.001	<0.005	NA	NA	<0.001	NA	<0.0005	NA	<0.001	<0.001	NA	<0.001	<0.001	0.0044	<0.001	NA	<0.001	<0.001	<0.001	0.0044
		4/2/07	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.0048	<0.001	<0.001	NA	<0.001	<0.003	0.0068
		4/24/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.0028	<0.005	<0.001	NA	<0.001	<0.003	0.0067
		12/16/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.0023	<0.005	<0.001	NA	<0.001	<0.003	0.0087
Dup (MW-3)	Dup (MW-3)	4/2/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.0042	<0.001	<0.001	NA	<0.001	<0.003	0.0053
MW-4	MW-4	8/25/06	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.005	<0.001	<0.005	NA	NA	<0.001	NA	<0.0005	NA	<0.001	<0.001	NA	0.0028	<0.001	0.15	<0.001	NA	<0.001	<0.001	<0.001	0.3228
		4/2/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.14	<0.001	<0.001	NA	<0.001	<0.003	0.2057
		4/24/08	0.0045	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.0013	<0.005	<0.001	0.016	<0.001	0.29	<0.005	<0.001	NA	<0.001	<0.003	0.5473
		12/16/2008	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	0.0034	<0.001	0.077	<0.005	<0.001	NA	<0.001	<0.003	0.1951
MW-5	MW-5	8/25/06	<0.1	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.005	<0.001	<0.005	NA	NA	<0.001	NA	<0.0005	NA	0.0055	0.011	NA	0.25	0.020	14	<0.001	NA	<0.001	0.075	<0.001	38.5244
		4/2/07	0.14	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	<0.2	<0.1	<0.020	<0.020	<0.1	<0.020	<0.020	<0.020	<0.020	<0.020	<0.1	<0.020	<0.020	<0.020	4.9	<0.020	<0.020	NA	<0.020	<0.060	12.5
		4/29/08	0.017	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.1	<0.050	<0.1	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	0.016	<0.010	0.61	<0.050	<0.010	NA	<0.010	<0.030	1.667
		12/16/2008	0.095	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.0012	<0.005	<0.001	0.16	0.0032	3.9	<0.005	<0.001	NA	0.012	<0.003	11.2274
MW-6	MW-6	8/25/06	0.11	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.005	<0.001	<0.005	NA	NA	<0.001	NA	<0.0005	NA	0.0051	<0.001	NA	0.13	0.0066	3.5	<0.001	NA	<0.001	0.066	<0.001	11.5187
		4/2/07	0.27	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.1	<0.050	<0.1	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	0.013	<0.050	<0.010	0.29	0.02	7.8	<0.010	<0.010	NA	0.11	<0.030	22.183
		4/29/08	0.13	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.1	<0.050	<0.1	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	0.016	<0.050	<0.010	0.085	<0.010	5.4	<0.050	<0.010	NA	0.026	<0.030	13.829
		12/16/2008	0.14	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.012	<0.005	<0.001	0.076	0.012	8.3	<0.005	<0.001	NA	0.039	<0.003	21.2532
MW-7D	MW-7D	6/11/07	0.61	<0.10	<0.10	<0.10	<0.10	<0.10	NA	<0.10	<1.0	<0.50	<1.0	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<0.10	55	<0.10	<0.10	NA	0.14	<0.30	119.37
		9/5/07	0.80	<0.25	<0.25	<0.25	0.28	<0.25	NA	<0.25	<2.5	<1.2	<2.5	<0.25	<1.2	<0.25	<0.25	<0.25	<0.25	<0.25	<1.2	<0.25	0.34	<0.25	53	<1.2	<0.25	NA	<0.25	<0.75	113.04
		4/29/08	0.71	<0.050	<0.050	<0.050	<0.050	<0.050	NA	<0.050	<0.50	<0.25	<0.50	<0.050	<0.25	<0.050	<0.050	<0.050	<0.050	<0.050	<0.25	<0.050	0.28	<0.050	48	<0.25	<0.050	NA	0.23	<0.15	91.4
		12/16/08	0.99	0.0049	<0.001	<0.001	0.0014	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	0.0077	0.09	<0.001	0.51	0.037	58	<0.005	<0.001	NA	0.20	0.0036	112.4236

Notes:
All values reported as milligrams per liter (mg/L)
VOCs - Volatile Organic Compounds
NA - not analyzed
Detected values are listed in bold
ND - Not Detected

TABLE 5 - GROUNDWATER ANALYTICAL RESULTS (VOCs)
PRELIMINARY REMEDIATION PLAN
TRINITY INDUSTRIES, INC. / FORMER MANCHESTER TANK

		Analyte	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	2-Butanone (MEK)	Methylene chloride	4-Methyl-2-pentanone (MIBK)	Methyl tert-butyl ether (MTBE)	Naphthalene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	Vinyl acetate	Vinyl chloride	Xylenes, Total	Total VOCs	
Well I.D.	Well I.D.	Date																														
MW-8	MW-8	6/11/07	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.10	<0.050	<0.10	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	0.083	<0.010	0.82	<0.010	<0.010	NA	<0.010	<0.030	2.468	
		4/24/08	0.011	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	0.12	<0.001	0.40	<0.005	<0.001	NA	<0.001	<0.003	1.244	
		12/16/08	0.0042	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	0.048	<0.001	0.16	<0.005	<0.001	NA	<0.001	<0.003	0.6061	
MW-9	MW-9	6/11/07	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.012	<0.001	<0.001	NA	0.057	<0.003	0.3443	
		4/29/08	0.0015	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.012	<0.005	<0.001	NA	0.0026	<0.003	0.2613	
		12/16/08	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.033	<0.005	<0.001	NA	0.0053	<0.003	0.3048	
MW-10	MW-10	6/11/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.017	<0.001	<0.001	NA	<0.001	<0.003	0.025	
		4/24/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.063	<0.001	<0.001	NA	<0.001	<0.003	0.1099	
		12/15/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.014	<0.005	<0.001	NA	<0.001	<0.003	0.016	
Dup (MW-10)	Dup (MW-10)	6/11/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.016	<0.001	<0.001	NA	<0.001	<0.003	0.0233	
MW-11	MW-11	6/11/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	0.0076	<0.001	<0.001	<0.001	0.025	<0.001	<0.001	NA	<0.001	<0.003	0.0666	
		4/24/08	<0.001	<0.001	<0.001	<0.001	0.0043	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	0.0082	<0.001	0.0012	<0.001	0.028	<0.001	<0.001	NA	0.001	0.087	0.1805	
		12/15/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	0.0015	<0.001	0.044	<0.005	<0.001	NA	<0.001	0.0032	0.1327	
MW-12D	MW-12D	4/29/08	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.081	<0.005	<0.001	NA	<0.001	<0.003	0.201	
		12/15/08	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.10	<0.050	<0.10	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	0.075	<0.050	<0.010	NA	<0.010	<0.030	0.159	
MW-13D	MW-13D	4/29/08	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0023	<0.001	0.12	<0.005	<0.001	NA	<0.001	<0.003	0.2934	
		12/15/08	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.10	<0.050	<0.10	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	0.13	<0.050	<0.010	NA	<0.010	<0.030	0.31	
Trip Blank	Trip Blank	6/11/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.003	ND
		4/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.003	ND
		12/16/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.003	ND

Notes:
All values reported as milligrams per liter (mg/L)
VOCs - Volatile Organic Compounds
NA - not analyzed
Detected values are listed in bold
ND - Not Detected

APPENDIX E
MILESTONE SCHEDULE



Milestone Schedule for Investigation and Remediation

Former Manchester Tank
811 West Avenue
Cedartown, Georgia

[illegible]