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November 30, 2011

Mr. Greg Gilmore
Response and Remediation Program
2 Martin Luther King, Jr. Drive, S.E.
Suite 1462 East
Atlanta, Georgia 30334

Re: **December 2011 Semi-Annual Voluntary Remediation Program Progress Report**
Former Manchester Tank Facility
811 West Avenue
Cedartown, Polk County, Georgia
HSI No. 10765

Dear Mr. Gilmore:

Pursuant to the reporting schedule prescribed by the Georgia Environmental Protection Division (EPD) in a letter dated June 4, 2010 (*Voluntary Remediation Plan and Application, April 22, 2010*), Bullock Environmental, LLC (Bullock), on behalf of Trinity Industries, Inc. (Trinity), submits the following semi-annual Progress Report. This Progress Report documents the activities completed at the former Manchester Tank facility (site) between June 2011 and November 2011, as outlined in the Milestone Schedule of the Voluntary Remediation Program (VRP) Application.

With the approval of the *Voluntary Remediation Plan and Application* dated April 22, 2010, Georgia EPD accepted the site into the VRP in June 2010. The VRP Plan and Application proposed the following corrective action at the site:

- *Chemical Oxidation via Ozone injection for treatment of VOCs in groundwater which exceed Type 3/4 risk reduction standards*.

This Progress Report summarizes the work completed between June 1, 2011, and November 28, 2011, presents a brief interpretation of the information collected to date, and details the progress of site assessment relative to the milestones specified in the VRP Checklist. Additionally, Bullock has included a summary of tasks to be completed during the December 1, 2011, through May 30, 2012, reporting period. Finally, Bullock has included a narrative of the updated Conceptual Site Model (CSM) and a revised graphical CSM as an attachment to this Progress Report.

TASKS COMPLETED THIS REPORTING PERIOD

As this third reporting period included no required delineation or corrective action milestones, Trinity and Bullock personnel focused their attention on coordination and planning efforts to develop a more effective remediation strategy. To that end, Trinity and Bullock made the decision to delay the pilot study activities (previously scheduled to begin in August 2011) and collect additional, site-specific data to achieve the following objectives before moving forward with corrective action:

- Better understand the extent and character of the groundwater plume (both onsite and offsite);

- Refine the CSM based on a receptor survey of surrounding properties 1,000 feet downgradient of the groundwater plume;
- Collect site-specific soil physical properties data from various locations (onsite and potentially offsite) to provide more accurate input parameters for future exposure modeling;
- Complete hydraulic conductivity testing (slug tests) on various shallow and deep monitoring wells to better understand the rate of groundwater flow (both onsite and offsite);
- Complete site-specific fate and transport modeling to establish remedial standards for future corrective action activities; and
- Update the CSM and provide more defined remedial standards.

With these objectives in mind, access to the adjacent Rome Plow property will be requested to complete a more comprehensive evaluation of the area, including the anticipated tasks presented below.

TASKS ANTICIPATED TO BE COMPLETED IN FOURTH PROGRESS REPORTING PERIOD

Site Characterization (Site and Rome Plow Property)

Field personnel will install up 12 soil borings on the Rome Plow property and convert up to six of the boring locations into groundwater monitoring wells with the intent of evaluating the lateral extent of the groundwater plume to the east. This additional assessment work will be supplemented by additional soil characterization on the site, hydraulic conductivity testing of onsite monitoring wells, an area-wide receptor survey, and site-specific fate and transport modeling to establish remedial standards appropriate for onsite and offsite receptors.

In conjunction with this task, field personnel will conduct investigations on the former Manchester Tank site which will include the installation of up to six soil borings for analysis of fractional organic carbon (FOC). Soil physical properties data will also be obtained from two Shelby Tube samples for analysis of moisture content, dry bulk density, porosity, air content, and Total Organic Carbon. Upon completion of the drilling activities described above, field personnel will complete a top-of-casing elevation survey to tie in all monitoring wells from the site and the Rome Plow property.

Using the data collected during this phase, groundwater flow will be evaluated using all existing and relevant data from each parcel. This data should provide a more contextual view of the overall groundwater flow dynamics between the properties. Additionally, the soil and groundwater data collected from this phase should better demonstrate the lateral extent of the groundwater plume while concurrently providing more detail on potential source areas located on the Rome Plow property (including chemicals of concern associated with each, historical information, and contribution, if any, to the overall plume).

Hydraulic Conductivity Testing

While completing the site characterization tasks itemized above, field personnel will complete hydraulic conductivity testing on up to four shallow wells and two deep wells located on the site and up to two shallow wells located on the Rome Plow property to the east. Slug test data from monitoring wells MW-2, MW-3, and MW-6 collected by others in 2006 indicated a hydraulic conductivity range of 2.14 E-3 centimeters per second (cm/sec) in MW-3 to 3.93 E-3 cm/sec in MW-6. The intent of this task is to confirm the data obtained in 2006 and collect additional shallow and deep hydraulic conductivity information to better understand the hydrogeologic environment of the site area. A K value for each slug test location will be derived to establish a site-wide, or average, representation of the hydraulic conductivity in the shallow and deep water-bearing units. The K values for the shallow and deep groundwater zones will then be incorporated into future fate and transport modeling efforts.

Receptor Survey

Local groundwater conditions will be documented information collected related to usage (i.e., public, industrial, private domestic, irrigation, etc.), and the supplying aquifer(s), recharge area(s), and potential discharge to surface waters (if applicable) identified. This phase will also include a description of human or ecological receptors that may have been or could potentially be exposed to the release incident..

The receptor survey will also identify surrounding receptors such as points of withdrawal for water supply, downgradient surface water bodies, underground utilities (including sanitary and storm sewers), basements, etc. A surrounding land use map will depict the land use and location of all potential receptors in the area of the site. Additional graphics (i.e. surrounding land use map, and/or a topographic map) will be provided as appropriate based on the number and types of receptors identified. The CSM figure(s) will document the groundwater usage (drinking, irrigation, etc.) and surface water (recreational, fishing, etc.) within the area of the release and 1,000 feet downgradient from the leading edge of the groundwater plume.

Fate & Transport Modeling

Using the data collected in the tasks described above, the site-specific soil and groundwater properties will be incorporated into EPD-approved fate and transport modeling software to derive site-specific remedial standards for groundwater with the assumption of an offsite receptor located 1,000 feet downgradient of the leading edge of the groundwater plume. Additionally, the site-specific data collected from onsite soil will provide more tailored remedial goals regarding the risk to current and future occupants of the site.

Tables and figures summarizing the information collected to date are presented as **Attachment 1** of this Progress Report. A milestone schedule detailing the proposed timeframe for completion of each task described above is included as **Attachment 2**.

UPDATED CONCEPTUAL SITE MODEL AND MILESTONE SCHEDULE

According to the VRP application, an updated CSM must be submitted with each semi-annual VRP progress report. The CSM has been modified to account for future residential receptors on the site. The current and expected future use of the site and immediately surrounding properties is industrial. However, in the absence of an exposure assessment consistent with EPA's Guidance for Exposure Assessment (57FR104: 20888-22938; May 29, 1992), pathways for both commercial and residential receptors will be assumed complete or potentially complete until site-specific data validates the removal of such receptors. Therefore, the current and future human receptors at the site include commercial and construction workers (to depth of construction) and future onsite residential receptors. Currently, no potential ecological receptors have been identified at the site; however, the potential for exposure to ecological receptors will remain potentially complete until a receptor survey and a groundwater and surface water survey is completed extending at least 1,000 feet from the edge of the plume. The CSM has been modified from the approved Preliminary Remediation Plan and is summarized below:

- Constituents of concern (COCs):
    - Soil – Arsenic, barium, beryllium, cadmium, chromium, copper, lead, nickel, and zinc.
    - Groundwater – antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, nickel, zinc, and chlorinated (alkanes and alkenes) VOCs.

- Source: Former impoundment located north of the existing warehouse building.

- Potential Human Receptors: Potential onsite current and future commercial and construction workers. Onsite future residential receptors.
- Ecological Receptors: Potential offsite surface water and sediment contamination through groundwater migration (note: pathway assumed potentially complete until a complete receptor survey provides affirmative or negative confirmation).

- Potential transport mechanisms:
    - Surficial soil – wind erosion, ingestion, and inhalation of particulate for inorganic constituents.
    - Subsurface soil – leaching of inorganic constituents; vapor transport, volatilization, and leaching for VOCs.
    - Groundwater – potential offsite transport of VOCs to surface water bodies or wells (note: pathway assumed potentially complete until a comprehensive receptor survey provides affirmative or negative confirmation); potential transport of VOCs from offsite source onto the site from the adjacent HON facility.

- Potential routes of exposure: Onsite outdoor inhalation of vapors from soil and groundwater. Potentially complete pathways for future onsite indoor inhalation. Potentially complete pathways for offsite ingestion of groundwater and inhalation of vapors from dissolved VOCs in groundwater.

The revised CSMs (graphical and cross-section) have been updated to reflect the changes to the CSM (**Attachment 3**). Future Progress Reports will contain updated CSM data as new information becomes available. As part of the updated CSM, VOCs will be removed as COCs for soil, and metals will be removed as COCs for groundwater.

A milestone schedule and a summary of hours invoiced (including a certification page) with descriptions for work pertaining to the Professional Engineer overseeing the work are included as **Attachment 4**. The next VRP semi-annual progress report is due on June 1, 2012.

If you have any questions regarding this Progress Report or attached information, please contact us at (205) 876-1715 or at doug.bullock@bullockenvironmental.com.

Sincerely yours,
BULLOCK ENVIRONMENTAL, LLC

Douglas A. Bullock, CHMM
Principal

Attachments: 1. Tables, Figures & Concentrations Versus Time
2. Milestone Schedule for Tasks to be Completed in Fourth Progress Report Period
3. Updated Conceptual Site Model
4. Updated Milestone Schedule & Summary of P.E. Hours

Cc: Mr. Richard T. Barrett (Trinity Industries, Inc.)
Mr. Douglas E. Cloud (Mowrey Meezan Coddington Cloud LLP)

ATTACHMENT 1

Tables, Figures, & Concentrations Versus Time

TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Analyte	Acetone	Acrolein	Acrylonitrile	Benzene	Bromochloromethane	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
Well I.D.	Date																			
MW-1	8/25/06	<0.005	NA	NA	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA
	4/2/07	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/29/08	<0.050	<0.050	<0.010	<0.001	NA	<0.001	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.001	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/17/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
Dup (MW-1)	4/29/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/17/10	<0.050	NA	<0.010	<0.0010	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
MW-2	8/25/06	<0.005	NA	NA	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA
	4/2/07	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/24/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/17/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-3	8/25/06	<0.005	NA	NA	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA
	4/2/07	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/24/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/17/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
Dup (MW-3)	4/2/07	<0.050	<0.050	<0.010	<0.001	NA	<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
MW-4	8/25/06	<0.005	NA	NA	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA
	4/2/07	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/24/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/17/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
Type 1 RRS		4			0.005				0.01	4	0.005										

Notes:
All values reported as milligrams per liter (mg/L)
VOCs - Volatile Organic Compounds
NA - not analyzed
Detected values are listed in bold
Type 1 Risk Reduction Standards (RRS) values presented for site-specific constituents only
Highlighted values indicate a Type 1 RRS exceedence
DL - Detection Limit

TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Well I.D.	1,4-Dichlorobenzene	trans-1,4-Dichloro-2-butene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Iodomethane	Isopropylbenzene	2-Butanone (MEK)	Methylene chloride	4-Methyl-2-pentanone (MIBK)	Methyl tert-butyl ether (MTBE)	Naphthalene
MW-1	NA	NA	NA	<0.001	<0.001	<0.001	**0.070**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	NA	<0.005	<0.001	<0.005	NA	NA
	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.030**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.042**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NS	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.037**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	<0.0025	NA	<0.001	<0.001	<0.001	**0.021**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.01	<0.005	NA	<0.01	<0.005	<0.01	NA	NA
	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
Dup (MW-1)	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.036**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.040**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	<0.0025	NA	<0.001	<0.001	<0.001	**0.019**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.01	<0.005	NA	<0.01	<0.005	<0.01	NA	NA
MW-2	NA	NA	NA	<0.001	<0.001	<0.001	**0.070**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	NA	<0.005	<0.001	<0.005	NA	NA
	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.019**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	**0.0015**	<0.001	0.0010	**0.21**	**0.0038**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.16**	**0.0033**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	<0.0025	NA	<0.001	<0.001	<0.001	**0.05**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.01	<0.005	NA	<0.01	<0.005	<0.01	NA	NA
	<0.0010	NA	<0.0050	**0.0010**	<0.0010	<0.0010	**0.14**	**0.0018**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
MW-3	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	NA	<0.005	<0.001	<0.005	NA	NA
	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.0010**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0010**	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.0039**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.0064**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	<0.0025	NA	<0.001	<0.001	<0.001	**0.0087**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.0050	NA	<0.01	<0.005	<0.01	NA	NA
	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	NA	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
Dup (MW-3)	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.0011**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
MW-4	NA	NA	NA	<0.001	<0.001	<0.001	**0.17**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	NA	<0.005	<0.001	<0.005	NA	NA
	<0.001	NA	<0.001	<0.001	<0.001	**0.0057**	**0.06**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	**0.0025**	<0.001	**0.013**	**0.22**	**0.0045**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	**0.0012**	<0.001	**0.0022**	**0.11**	**0.0013**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.0010	<0.0025	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.01	<0.005	NA	<0.01	<0.005	<0.01	NA	NA
Type 1 RRS				4	0.005	0.007	DL	0.1	0.005			0.7					2				

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TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluorethane	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.																
MW-1	<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	0.1090
	<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	0.0510
	<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	0.0700
	<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	0.0660
	<0.001	<0.001	<0.001	NA	**0.0030**	<0.005	NA	<0.001	<0.001	**0.012**	<0.005	<0.001	<0.005	<0.001	<0.003	0.0360
	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	**0.0010**	<0.0050	<0.0025	NA	<0.0010	<0.0030	NA
Dup (MW-1)	<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	0.0590
	<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	0.0720
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	<0.001	<0.001	**0.019**	<0.005	<0.001	<0.005	<0.001	<0.003	0.0380
MW-2	<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	0.1010
	<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
	<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
	<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
	<0.001	<0.001	<0.001	NA	**0.0036**	<0.005	NA	<0.001	<0.001	**0.022**	<0.005	<0.001	<0.005	<0.001	<0.003	0.0776
	<0.0010	<0.0010	<0.0010	<0.0010	**0.0025**	<0.0050	<0.0010	<0.0010	<0.0010	**0.026**	<0.0050	<0.0025	NA	<0.0010	<0.0030	NA
MW-3	<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
	<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
	<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
	<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
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	<0.001	<0.001	**0.018**	<0.005	<0.001	<0.005	<0.001	<0.003	0.0267
	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	**0.0057**	<0.0050	<0.0025	NA	<0.0010	<0.0030	NA
Dup (MW-3)	<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	<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
	<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
	<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
	<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
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.003	ND
Type 1 RRS					0.005			0.2	0.005	0.005			DL	0.002	10	

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TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Analyte	Acetone	Acrolein	Acrylonitrile	Benzene	Bromochloromethane	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
Well I.D.	Date																			
MW-5	8/25/06	<0.005	NA	NA	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA
	4/2/07	<1.0	<1.0	<0.20	<0.02	NA	<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
	4/29/08	<0.50	<0.50	<0.10	<0.010	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/19/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.0050	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/7/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	**0.0043**	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-6	8/25/06	<0.005	NA	NA	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	<0.001	<0.001	NA	NA	NA	NA
	4/2/07	<0.50	<0.50	<0.10	<0.010	NA	<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
	4/29/08	<0.50	<0.50	<0.10	<0.010	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<0.001	<0.001	<0.005	NA	**0.010**	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001
	8/19/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/7/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	**0.0058**	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-7D	6/11/07	<5.0	<5.0	<1.0	<0.10	NA	<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
	9/5/07	<12.0	<12.0	<2.5	<0.25	NA	<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
	4/29/08	<2.5	<2.5	<0.50	<0.050	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/19/10	<0.050	NA	<0.010	<0.001	<0.0010	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/7/11	<5.0	<5.0	<1.0	<0.10	NA	<0.10	<0.10	<0.50	NA	<0.10	<0.10	<0.10	<0.50	<5.0	<0.50	<0.25	<0.10	<0.10	<0.10	<0.10
MW-8	6/11/07	<0.50	<0.50	<0.10	<0.010	NA	<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
	4/24/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<0.001	<0.001	<0.005	NA	**0.0060**	<0.001	<0.001	<0.005	<0.050	<0.005	<0.0025	<0.001	<0.001	<0.001	<0.001
	8/17/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	**0.0042**	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
Type 1 RRS		4			0.005				0.01	4	0.005										

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Well I.D.	1,4-Dichlorobenzene	trans-1,4-Dichloro-2-butene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Iodomethane	Isopropylbenzene	2-Butanone (MEK)	Methylene chloride	4-Methyl-2-pentanone (MIBK)	Methyl tert-butyl ether (MTBE)	Naphthalene
MW-5	NA	NA	NA	**0.16**	**0.0029**	<0.1	**24**	<0.1	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	NA	<0.005	<0.001	<0.005	NA	NA
	<0.020	NA	<0.020	**0.050**	<0.020	**0.21**	**7.2**	**0.14**	<0.020	<0.020	<0.020	<0.020	<0.020	NA	NA	<0.020	<0.2	<0.1	<0.020	<0.020	<0.1
	<0.010	NA	<0.050	<0.010	<0.010	**0.024**	**1.0**	**0.017**	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	<0.010	<0.1	<0.050	<0.1	<0.010	<0.050
	<0.001	NA	<0.005	**0.036**	<0.001	**0.10**	**6.9**	**0.095**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.0010	<0.0025	NA	**0.049**	**0.0024**	**0.17**	**7.6**	**0.12**	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
	<0.0010	NA	<0.0050	**0.011**	<0.0010	**0.034**	**1.7**	**0.023**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
MW-6	NA	NA	NA	**0.071**	<0.001	**0.13**	**7.5**	**0.11**	<0.001	<0.001	<0.001	<0.001	NA	<0.005	NA	NA	<0.005	<0.001	<0.005	NA	NA
	<0.010	NA	<0.010	**0.19**	<0.010	**0.49**	**13**	**0.27**	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	<0.010	<0.1	<0.050	<0.1	<0.010	<0.050
	<0.010	NA	<0.050	**0.082**	<0.010	**0.29**	**7.8**	**0.13**	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	<0.010	<0.1	<0.050	<0.1	<0.010	<0.050
	<0.001	NA	<0.005	**0.11**	**0.0045**	**0.55**	**12**	**0.14**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	<0.0025	NA	**0.22**	**0.0081**	**0.45**	**23**	**0.33**	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
	<0.0010	NA	<0.0050	**0.054**	**0.0020**	**0.11**	**4.2**	**0.058**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
MW-7D	<0.10	NA	<0.10	**0.52**	<0.10	**1.1**	**62**	**0.61**	<0.10	<0.10	<0.10	<0.10	<0.10	NA	NA	<0.10	<1.0	<0.50	<1.0	<0.10	<0.50
	<0.25	NA	<1.2	**0.52**	<0.25	**2.1**	**56**	**0.80**	<0.25	<0.25	<0.25	**0.28**	<0.25	NA	NA	<0.25	<2.5	<1.2	<2.5	<0.25	<1.2
	<0.050	NA	<0.25	**0.48**	<0.050	**1.7**	**40**	**0.71**	<0.050	<0.050	<0.050	<0.050	<0.050	NA	NA	<0.050	<0.50	<0.25	<0.50	<0.050	<0.25
	<0.001	NA	<0.005	**0.62**	**0.015**	**2.9**	**49**	**0.99**	**0.0049**	<0.001	<0.001	**0.0014**	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.0010	<0.0025	NA	<1.0	**0.012**	<1.0	**28**	<1.0	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
	<0.10	NA	<0.50	**0.57**	<0.10	**1.4**	**58**	**0.61**	<0.10	<0.10	<0.10	<0.10	<0.10	NA	NA	<0.10	<1.0	<0.50	<1.0	<0.10	<0.50
MW-8	<0.010	NA	<0.010	<0.010	<0.010	**0.054**	**1.5**	**0.011**	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	<0.010	<0.10	<0.050	<0.10	<0.010	<0.050
	<0.001	NA	<0.005	**0.0070**	<0.001	**0.046**	**0.66**	**0.011**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	**0.0059**	<0.001	**0.012**	**0.37**	**0.0042**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	<0.0025	NA	<0.050	<0.001	<0.050	**1.0**	<0.050	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.01	<0.005	<0.01	NA	NA
	<0.0010	NA	<0.0050	**0.0037**	<0.0010	**0.018**	**0.66**	**0.0075**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
Type 1 RRS				4	0.005	0.007	DL	0.1	0.005			0.7					2				

Notes:
All values reported as milligrams per liter (mg/L)
VOCs - Volatile Organic Compounds
NA - not analyzed
Detected values are listed in bold
Type 1 Risk Reduction Standards (RRS) values presented for site-specific constituents only
Highlighted values indicate a Type 1 RRS exceedence
DL - Detection Limit

TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Well I.D.	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluorethane	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
MW-5	<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	38.524
	<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	12.500
	<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
	<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	11.227
	<0.0010	<0.0010	<0.001	NA	**0.0018**	<0.005	NA	**0.18**	**0.0047**	**5.1**	<0.005	<0.001	<0.005	**0.013**	<0.003	13.241
	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	**0.029**	<0.0010	**1.1**	<0.0050	<0.0025	NA	<0.0010	<0.0030	NA
MW-6	<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	11.519
	<0.010	<0.010	<0.010	<0.010	**0.013**	<0.050	<0.010	**0.29**	**0.020**	**7.8**	<0.010	<0.010	NA	**0.11**	<0.030	22.183
	<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
	<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	21.253
	<0.001	<0.001	<0.001	NA	**0.013**	<0.005	NA	<0.20	**0.020**	**13**	<0.005	<0.001	<0.005	**0.20**	<0.003	37.241
	<0.0010	<0.0010	<0.0010	<0.0010	**0.0094**	<0.0050	<0.0010	**0.040**	**0.0050**	**3.0**	<0.0050	<0.0025	NA	**0.0043**	<0.0030	NA
MW-7D	<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	119.370
	<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	113.040
	<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	91.400
	<0.001	<0.001	<0.001	<0.001	**0.0077**	**0.090**	<0.001	**0.51**	**0.037**	**58**	<0.005	<0.001	NA	**0.20**	0.004	112.424
	<0.001	<0.001	<0.001	NA	**0.0042**	**0.033**	NA	**0.17**	**0.022**	**32**	<0.005	<0.001	<0.005	**0.080**	<0.003	60.320
	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	**0.21**	<0.10	**75**	<0.50	<0.25	NA	<0.10	<0.30	NA
MW-8	<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
	<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
	<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	0.606
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	**0.080**	**0.0011**	**0.58**	<0.005	<0.001	<0.005	**0.0020**	<0.0030	1.663
	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	**0.029**	<0.0010	**0.39**	<0.0050	<0.0025	NA	<0.0010	<0.0030	NA
Type 1 RRS					0.005			0.2	0.005	0.005			DL	0.002	10	

Notes:
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Highlighted values indicate a Type 1 RRS exceedence
DL - Detection Limit

TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Well I.D.	Analyte	Acetone	Acrolein	Acrylonitrile	Benzene	Bromochloromethane	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
	Date																				
MW-9	6/11/07	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/29/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/18/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
MW-10	6/11/07	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/24/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/15/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/18/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
Dup (MW-10)	6/11/07	<0.050	<0.050	<0.010	<0.001	NA	<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
MW-11	6/12/11	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/24/08	<0.050	<0.050	<0.010	**0.0014**	NA	<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
	12/15/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/18/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/7/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-12D	4/29/08	<0.050	<0.050	<0.010	**0.0011**	NA	<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
	12/15/08	<0.50	<0.50	<0.10	<0.010	NA	<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
	8/18/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0015**	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-13D	4/29/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/15/08	<0.50	<0.50	<0.10	<0.010	NA	<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
	8/18/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
Dup (MW-13D)	8/18/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.001	NA
MW-14D	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
Type 1 RRS		4			0.005				0.01	4	0.005										

Notes:
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TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Well I.D.	1,4-Dichlorobenzene	trans-1,4-Dichloro-2-butene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Iodomethane	Isopropylbenzene	2-Butanone (MEK)	Methylene chloride	4-Methyl-2-pentanone (MIBK)	Methyl tert-butyl ether (MTBE)	Naphthalene
MW-9	<0.001	NA	<0.0010	**0.0030**	<0.001	**0.0010**	**0.27**	**0.0013**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	NA	<0.005	**0.0038**	<0.001	**0.0014**	**0.24**	**0.0015**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	NA	<0.005	**0.0041**	<0.001	**0.0012**	**0.26**	**0.0012**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.01	<0.005	<0.01	<0.001	<0.005
	<0.001	<0.0025	NA	<0.005	<0.001	<0.005	**0.23**	<0.005	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.01	<0.005	<0.01	NA	NA
MW-10	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.0080**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	NA	<0.001	<0.001	<0.001	**0.0020**	**0.042**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	**0.0020**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	<0.0025	NA	<0.001	<0.001	<0.001	**0.0037**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
Dup (MW-10)	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.0073**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
MW-11	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.034**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	NA	<0.001	<0.001	<0.001	**0.0014**	**0.048**	<0.001	<0.001	<0.001	<0.001	**0.0043**	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	NA	<0.005	**0.0013**	<0.001	**0.0017**	**0.081**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	<0.0025	NA	**0.0014**	<0.001	**0.0018**	**0.073**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
	<0.0010	NA	<0.0050	**0.0015**	<0.0010	**0.0018**	**0.081**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
MW-12D	<0.001	NA	<0.001	**0.0016**	<0.001	**0.0053**	**0.11**	**0.001**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.010	NA	<0.050	<0.010	<0.010	<0.010	**0.084**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	<0.010	<0.10	<0.050	<0.10	<0.010	<0.050
	<0.001	<0.0025	NA	**0.0014**	<0.001	**0.0016**	**0.058**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
	<0.0010	NA	<0.0050	**0.0016**	<0.0010	**0.0024**	**0.063**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
MW-13D	<0.001	NA	<0.001	**0.0032**	<0.001	**0.0065**	**0.16**	**0.0014**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.010	NA	<0.050	<0.010	<0.010	<0.010	**0.18**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	NA	NA	<0.010	<0.10	<0.050	<0.10	<0.010	<0.050
	<0.001	<0.0025	NA	**0.0012**	<0.001	<0.001	**0.036**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
Dup (MW-13D)	<0.001	<0.0025	NA	**0.0010**	<0.001	<0.001	**0.036**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.0050	NA	<0.010	<0.005	<0.010	NA	NA
MW-14D	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	**0.012**	<0.0050	<0.010	<0.0010	<0.0050
Type 1 RRS				4	0.005	0.007	DL	0.1	0.005			0.7					2				

Notes:
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VOCs - Volatile Organic Compounds
NA - not analyzed
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Well I.D.	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluorethane	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
MW-9	<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	0.344
	<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	0.261
	<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	0.305
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	**0.0016**	<0.001	**0.015**	<0.005	<0.001	<0.005	**0.033**	<0.003	0.280
MW-10	<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
	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	**0.0029**	<0.001	**0.063**	<0.001	<0.001	NA	<0.001	<0.003	0.1099
	<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
	<0.001	<0.001	<0.0010	NA	<0.001	<0.005	NA	<0.001	<0.001	**0.0083**	<0.005	<0.001	<0.005	<0.001	<0.003	0.012
Dup (MW-10)	<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	<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
	<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	**0.0010**	**0.087**	0.1805
	<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
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	**0.0014**	<0.001	**0.046**	<0.005	<0.001	<0.005	**0.0016**	<0.003	0.1252
	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	**0.0017**	<0.0010	**0.037**	<0.0050	<0.0025		<0.0010	<0.0030	NA
MW-12D	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0010**	<0.001	**0.081**	<0.005	<0.001	NA	<0.001	<0.003	0.201
	<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
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	<0.001	<0.001	**0.041**	<0.005	<0.001	<0.005	<0.001	<0.003	0.1035
	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	**0.050**	<0.0050	<0.0025	NA	<0.0010	<0.0030	NA
																NA
MW-13D	<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
	<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
	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	<0.001	<0.001	**0.028**	<0.005	<0.001	<0.005	<0.001	<0.003	0.2934
Dup (MW-13D)	<0.001	<0.001	<0.001	NA	<0.001	<0.005	NA	<0.001	<0.001	**0.027**	<0.005	<0.001	<0.005	<0.001	<0.003	0.064
MW-14D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0025	NA	<0.0010	<0.0030	0.012
Type 1 RRS					0.005			0.2	0.005	0.005			DL	0.002	10	

Notes:
All values reported as milligrams per liter (mg/L)
VOCs - Volatile Organic Compounds
NA - not analyzed
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Type 1 Risk Reduction Standards (RRS) values presented for site-specific constituents only
Highlighted values indicate a Type 1 RRS exceedence
DL - Detection Limit

TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Well I.D.	Analyte / Date	Acetone	Acrolein	Acrylonitrile	Benzene	Bromochloromethane	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
IP/EP-15	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
IP/EP-16	4/6/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	**0.0044**	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
IP/EP-17D	4/7/11	**0.14**	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-18	4/7/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	**0.0011**	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-19D	5/9/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
Dup (MW-19D)	5/9/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
MW-20	5/9/11	<0.050	<0.050	<0.010	<0.0010	NA	<0.0010	<0.0010	<0.0050	NA	<0.0010	<0.0010	<0.0010	<0.0050	<0.050	<0.0050	<0.0025	<0.0010	<0.0010	<0.0010	<0.0010
SIP-1	8/25/10	<0.050	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	NA	<0.0050	<0.0025	NA	<0.0010	<0.0010	NA
	4/7/11	<5.0	<5.0	<1.0	<0.10	NA	<0.10	<0.10	<0.50	NA	**0.13**	<0.10	<0.10	<0.50	<5.0	<0.50	<0.25	<0.10	<0.10	<0.10	<0.10
SIP-2	8/25/10	<0.050	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	NA	<0.0050	<0.0025	NA	<0.0010	<0.0010	NA
DIP-1	8/25/10	<5.0	NA	<1.0	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.50	NA	<0.50	<0.25	NA	<0.10	<0.10	NA
	4/7/11	<2.5	<2.5	<0.50	<0.050	NA	<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
DIP-2	8/25/10	<1.0	NA	<0.20	<0.020	<0.020	<0.020	<0.020	<0.10	<0.020	<0.020	<0.020	<0.020	<0.10	NA	<0.10	<0.050	NA	<0.020	<0.020	NA
Trip Blank	6/11/07	<0.050	<0.050	<0.010	<0.001	NA	<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
	4/29/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	12/16/08	<0.050	<0.050	<0.010	<0.001	NA	<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
	8/17/10	<0.050	NA	<0.010	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	NA	<0.005	<0.0025	NA	<0.001	<0.0010	NA
Type 1 RRS		4			0.005				0.01	4	0.005										

Notes:
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NA - not analyzed
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Highlighted values indicate a Type 1 RRS exceedence
DL - Detection Limit

TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Well I.D.	1,4-Dichlorobenzene	trans-1,4-Dichloro-2-butene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Iodomethane	Isopropylbenzene	2-Butanone (MEK)	Methylene chloride	4-Methyl-2-pentanone (MIBK)	Methyl tert-butyl ether (MTBE)	Naphthalene
IP/EP-15	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	**0.091**	**0.0014**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
IP/EP-16	<0.0010	NA	<0.0050	**0.0076**	<0.0010	**0.016**	**0.67**	**0.0085**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
IP/EP-17D	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	**0.0022**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	**0.018**	<0.0050	<0.010	<0.0010	<0.0050
MW-18	<0.0010	NA	<0.0050	**0.0016**	<0.0010	**0.0043**	**0.20**	**0.0025**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
MW-19D	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
Dup (MW-19D)	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.010	<0.0050	<0.010	<0.0010	<0.0050
MW-20	<0.0010	NA	<0.0050	<0.0010	<0.0010	<0.0010	**0.012**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	<0.0010	<0.0010	<0.0050	<0.010	<0.0010	<0.0050
SIP-1	<0.0010	<0.0025	NA	**0.012**	<0.0010	**0.014**	**1.9**	**0.014**	<0.0010	<0.0010	<0.0010	<0.0010	NA	<0.010	<0.0050	NA	<0.010	<0.0050	<0.010	NA	NA
	<0.10	NA	<0.50	**0.44**	<0.10	**1.7**	**110**	**1.3**	<0.10	<0.10	<0.10	<0.10	<0.10	NA	NA	<0.10	<1.0	<0.50	<1.0	<0.10	<0.50
SIP-2	<0.0010	<0.0025	NA	**0.0016**	<0.0010	**0.0029**	**0.35**	**0.0046**	<0.0010	<0.0010	<0.0010	<0.0010	NA	<0.010	<0.0050	NA	<0.010	<0.0050	<0.010	NA	NA
DIP-1	<0.10	<0.25	NA	**0.49**	<0.10	**1.9**	**57**	**0.49**	<0.10	<0.10	<0.10	<0.10	NA	<1.0	<0.50	NA	<1.0	<0.50	<1.0	NA	NA
	<0.050	NA	<0.25	**0.14**	<0.050	**0.26**	**11**	**0.13**	<0.050	<0.050	<0.050	<0.050	<0.050	NA	NA	<0.050	**0.80**	<0.25	<0.50	<0.050	<0.25
DIP-2	<0.020	<0.050	NA	**0.10**	<0.020	**0.23**	**9.8**	**0.096**	<0.020	<0.020	<0.020	<0.020	NA	<0.20	<0.10	NA	<0.20	<0.10	<0.20	NA	NA
Trip Blank	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	NA	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.001	<0.010	<0.005	<0.010	<0.001	<0.005
	<0.001	<0.0025	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.010	<0.005	NA	<0.010	<0.005	<0.010	NA	NA
Type 1 RRS				4	0.005	0.007	DL	0.1	0.005			0.7					2				

Notes:
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Highlighted values indicate a Type 1 RRS exceedence
DL - Detection Limit

TABLE 1 - GROUNDWATER CONCENTRATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Well I.D.	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluorethane	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
IP/EP-15	<0.0010	<0.0010	<0.0010	<0.0010	**0.011**	<0.0050	<0.0010	<0.0010	<0.0010	**0.023**	<0.0050	<0.0025	NA	<0.0010	<0.0030	0.1264
IP/EP-16	<0.0010	<0.0010	<0.0010	<0.0010	**0.0050**	<0.0050	<0.0010	**0.030**	<0.0010	**0.26**	<0.0050	<0.0025	NA	<0.0010	<0.0030	1.0015
IP/EP-17D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0025	NA	<0.0010	<0.0030	0.1602
MW-18	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	**0.0067**	<0.0010	**0.096**	<0.0050	<0.0025	NA	<0.0010	<0.0030	0.3122
MW-19D	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0025	NA	<0.0010	<0.0030	BDL
Dup (MW-19D)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0025	NA	<0.0010	<0.0030	BDL
MW-20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	**0.0040**	<0.0050	<0.0025	NA	<0.0010	<0.0030	0.016
SIP-1	<0.0010	<0.0010	<0.0010	NA	<0.0010	<0.0050	NA	**0.020**	**0.0018**	**0.34**	<0.0050	<0.0010	<0.0050	**0.0020**	<0.0030	2.3038
	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	**0.79**	<0.10	**84**	<0.50	<0.25	NA	**0.32**	<0.30	198.68
SIP-2	<0.0010	<0.0010	<0.0010	NA	<0.0010	<0.0050	NA	<0.0010	<0.0010	**0.19**	<0.0050	<0.0010	<0.0050	<0.0010	<0.0030	0.5491
DIP-1	<0.10	<0.10	<0.10	NA	<0.10	<0.50	NA	**0.54**	<0.10	**120**	<0.50	<0.10	<0.50	**0.21**	<0.30	180.63
	<0.050	<0.050	<0.050	<0.050	<0.050	<0.25	<0.050	**0.051**	<0.050	**14**	<0.25	<0.12	NA	<0.050	<0.15	26.381
DIP-2	<0.020	<0.020	<0.020	NA	<0.020	<0.10	NA	**0.056**	<0.020	**6.8**	<0.10	<0.020	<0.10	<0.020	<0.060	17.082
Trip Blank	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.003	ND
	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.003	ND
	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.003	ND
	<0.001	<0.001	<0.001	NA	<0.0010	<0.005	NA	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.003	ND
Type 1 RRS					0.005			0.2	0.005	0.005			DL	0.002	10	

Notes:
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VOCs - Volatile Organic Compounds
NA - not analyzed
Detected values are listed in bold
Type 1 Risk Reduction Standards (RRS) values presented for site-specific constituents only
Highlighted values indicate a Type 1 RRS exceedence
DL - Detection Limit

TABLE 2 - WATER LEVEL DEPTHS AND ELEVATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Monitoring Well Identification	Date	TOC Elevation (feet amsl)	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)
MW-1	8/25/06	782.26	11.40	770.86
	4/2/07		11.17	771.09
	6/11/07		12.69	769.57
	4/24/08		10.41	771.85
	12/15/08		9.81	772.45
	8/17/10		10.41	771.85
	1/19/11		10.45	771.81
	4/4/11		**5.93**	**776.33**
MW-2	8/25/06	778.32	11.11	767.21
	4/2/07		10.29	768.03
	6/11/07		12.81	765.51
	4/24/08		11.92	766.40
	12/15/08		8.18	770.14
	8/17/10		10.14	768.18
	1/19/11		10.43	767.89
	4/4/11		**7.22**	**771.10**
MW-3	8/25/06	775.43	8.70	766.73
	4/2/07		8.61	766.82
	6/11/07		10.20	765.23
	4/24/08		9.08	766.35
	12/15/08		6.20	769.23
	8/17/10		7.83	767.60
	1/19/11		7.89	767.54
	4/4/11		**5.24**	**770.19**
MW-4	8/25/06	775.00	9.00	766.00
	4/2/07		8.80	766.20
	6/11/07		9.83	765.17
	4/24/08		9.22	765.78
	12/15/08		9.27	765.73
	8/17/10		8.20	766.80
	1/19/11		7.93	767.07
	4/4/11		**5.15**	**769.85**
MW-5	8/25/06	776.66	10.29	766.37
	4/2/07		10.08	766.58
	6/11/07		11.16	765.50
	4/24/08		10.09	766.57
	12/15/08		7.09	769.57
	8/17/10		9.50	767.16
	1/19/11		9.41	767.25
	4/4/11		**5.29**	**771.37**
MW-6	8/25/06	776.63	9.83	766.80
	4/2/07		9.73	766.90
	6/11/07		11.41	765.22
	4/24/08		10.28	766.35
	12/15/08		7.53	769.10
	8/17/10		9.01	767.62
	1/19/11		8.82	767.81
	4/4/11		**6.01**	**770.62**
MW-7D	6/11/07	776.67	49.64	727.03
	4/29/08		36.15	740.52
	12/15/08		34.75	741.92
	8/17/10		28.09	748.58
	8/19/10		24.20	752.47
	1/19/11		33.36	743.31
	4/4/11		**12.39**	**764.28**
MW-8	6/11/07	776.02	10.99	765.03
	4/24/08		9.45	766.57
	12/15/08		7.05	768.97
	8/17/10		8.75	767.27
	1/19/11		8.89	767.13
	4/4/11		**5.93**	**770.09**

TABLE 2 - WATER LEVEL DEPTHS AND ELEVATIONS
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

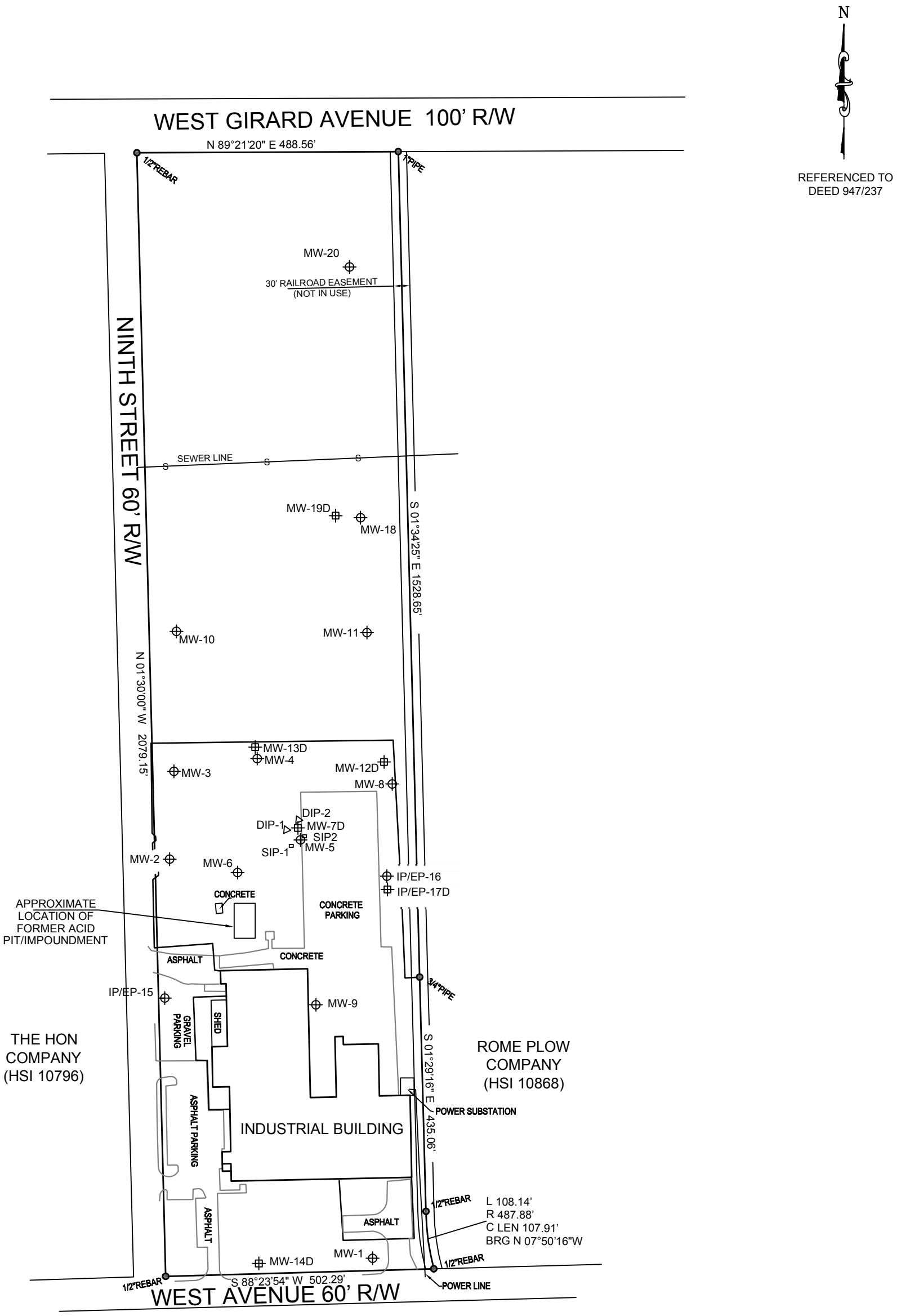
Monitoring Well Identification	Date	TOC Elevation (feet amsl)	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)
MW-9	6/11/07	778.73	25.28	753.45
	4/24/08		12.50	766.23
	12/15/08		15.24	763.49
	8/17/10		12.12	766.61
	1/19/11		16.54	762.19
	4/4/11		**13.03**	**765.70**
MW-10	6/11/07	774.08	15.01	759.07
	4/24/08		11.81	762.27
	12/15/08		5.23	768.85
	8/17/10		7.20	766.88
	1/19/11		6.47	767.61
	4/4/11		**4.21**	**769.87**
MW-11	6/11/07	775.45	25.11	750.34
	4/24/08		9.72	765.73
	12/15/08		7.51	767.94
	8/17/10		9.61	765.84
	1/19/11		10.69	764.76
	4/4/11		**6.09**	**769.36**
MW-12D	4/24/08	775.93	11.31	764.62
	12/15/08		8.74	767.19
	8/17/10		8.20	767.73
	1/19/11		8.39	767.54
	4/4/11		**5.38**	**770.55**
MW-13D	4/24/08	775.16	8.87	766.29
	12/15/08		5.89	769.27
	8/17/10		7.90	767.26
	1/19/11		7.98	767.18
	4/4/11		**5.14**	**770.02**
MW-14D	**4/4/11**	783.66	**5.92**	**777.74**
IP/EP-15	**4/4/11**	783.39	**7.13**	**776.26**
IP/EP-16	**4/4/11**	776.92	**6.42**	**770.50**
IP/EP-17D	**4/4/11**	776.92	**15.04**	**761.88**
MW-18	**4/4/11**	772.95	**4.31**	**768.64**
	5/2/11		7.56	765.39
MW-19D	5/2/11	773.40	72.75	700.65
	5/9/11		**62.21**	**711.19**
MW-20	5/2/11	769.20	17.18	752.02
	5/9/11		**16.95**	**752.25**
SIP-1	8/25/10	777.04	9.35	767.69
	1/1/01		9.42	767.62
	4/4/11		**5.73**	**771.31**
SIP-2	8/25/10	776.87	10.05	766.82
	1/19/11		9.62	767.25
	4/4/11		**6.39**	**770.48**
DIP-1	8/25/10	777.13	10.47	766.66
	1/19/11		10.01	767.12
	4/4/11		**6.73**	**770.40**
DIP-2	8/25/10	776.78	11.06	765.72
	1/19/11		9.59	767.19
	4/4/11		**6.36**	**770.42**

Notes:
TOC = Top of Casing
amsl = above mean sea level
Bold values represent most recent data.

TABLE 3 - FLOW RATES FOR PILOT STUDY
JUNE 2011 PROGRESS REPORT
TRINITY INDUSTRIES, INC. / MANCHESTER TANK

Injection Point Identification	Flow Rate	Approximate Break-through
SIP-1	120 scfh @ 28 psi	15 psi
SIP-2	100 scfh @ 75 psi	55 psi
DIP-1	60 scfh @ 120 psi	110 psi
DIP-2	40 scfh @ 130 psi	145 psi

Notes:
scfh = standard cubic feet per hour
psi = pounds per square inch



LEGEND

- SHALLOW MONITORING WELL OR INJECTION/EXTRACTION POINT
- DEEP MONITORING WELL LOCATION OR INJECTION/EXTRACTION POINT
- SHALLOW INJECTION POINT
- DEEP INJECTION POINT

ORIGINAL DRAWING PROVIDED BY:

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bullock environmental, llc

BULLOCK ENVIRONMENTAL, LLC
500 OFFICE PARK DRIVE, SUITE 110
BIRMINGHAM, ALABAMA 35223
PHONE: (205) 876-1715

0 100 200

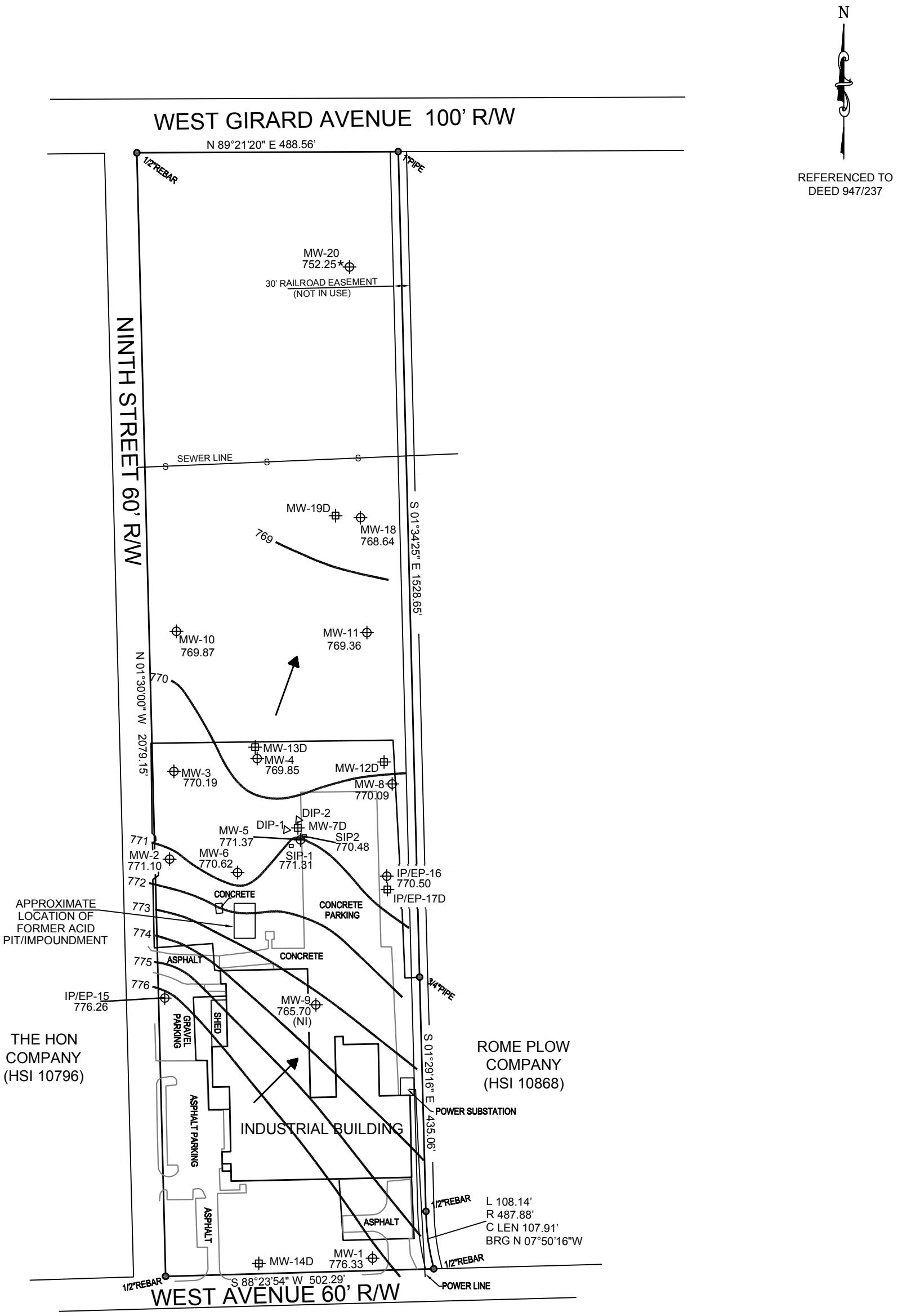
SCALE: 1" = 200’

SITE MAP

FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK COUNTY, GEORGIA

SCALE: 1" = 200’	DRAWN BY: AJA	CHK’D BY: BDH
JOB NO: 1-10-175A	DATE: 5-31-11	FIGURE NO: 1

M:\Projects\1-10-175A, Bullock, Trinity Project, Cedartown, GA\CADD\Figure 1 - Site Map 5-31-11.dwg



LEGEND

- SHALLOW MONITORING WELL OR INJECTION/EXTRACTION POINT
- DEEP MONITORING WELL LOCATION OR INJECTION/EXTRACTION POINT
- SHALLOW INJECTION POINT
- DEEP INJECTION POINT
- AMSL — ABOVE MEAN SEA LEVEL
- 771 — ESTIMATED WATER TABLE CONTOUR (FEET AMSL)
- 771.80 — WATER TABLE ELEVATION (FEET AMSL)
- ESTIMATE DIRECTION OF GROUNDWATER FLOW
- NI — NOT INCLUDED IN WATER TABLE CONTOUR ESTIMATE
- * — WATER TABLE ELEVATION NOT APPLICABLE. ERRONEOUS RESULT BASED ON ANTICIPATED RECHARGE RATE

ORIGINAL DRAWING PROVIDED BY:
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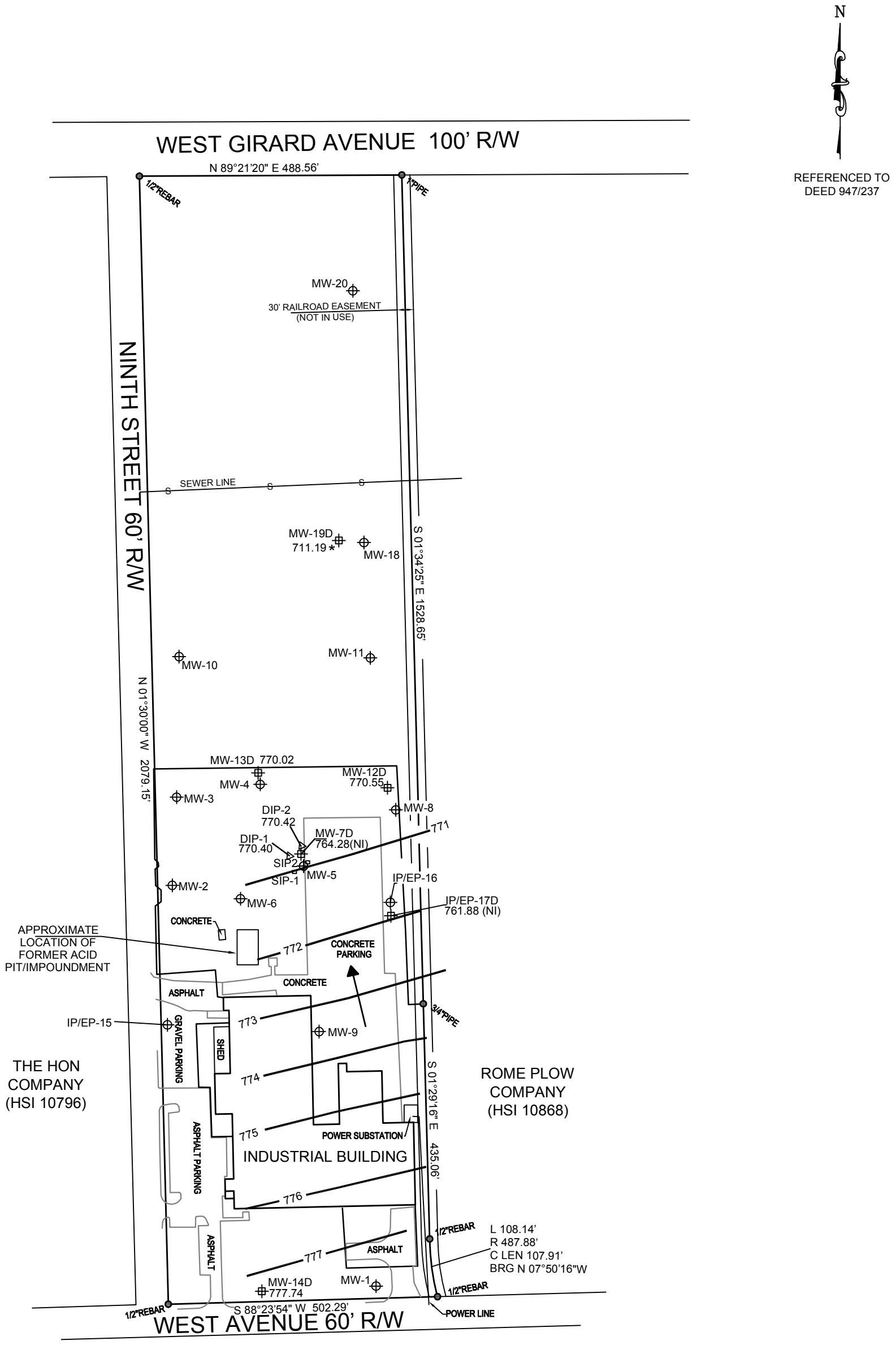
0 100 200
SCALE: 1" = 200'

SHALLOW POTENTIOMETRIC MAP
(4/4/2011 & 5/9/2011)
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK COUNTY, GEORGIA

SCALE: 1" = 200'	DRAWN BY: AJA	CHK'D BY: BDH
JOB NO: 1-10-175A	DATE: 4-7-11	FIGURE NO: 2

C:\Users\Barry\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\N6I1QMZO\Figure 2 - Shallow Pot Map 5-31-11 (2).dwg



LEGEND

- SHALLOW MONITORING WELL OR INJECTION/EXTRACTION POINT
- DEEP MONITORING WELL LOCATION OR INJECTION/EXTRACTION POINT
- SHALLOW INJECTION POINT
- DEEP INJECTION POINT
- AMSL — ABOVE MEAN SEA LEVEL
- —771— ESTIMATED WATER TABLE CONTOUR (AMSL)
- 771.80 WATER TABLE ELEVATION (AMSL)
- ESTIMATE DIRECTION OF GROUNDWATER FLOW
- NI — NOT INCLUDED IN WATER TABLE CONTOUR ESTIMATE
- * WATER TABLE ELEVATION NOT APPLICABLE. ERRONEOUS RESULT BASED ON ANTICIPATED RECHARGE RATE

ORIGINAL DRAWING PROVIDED BY:
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0 100 200
SCALE: 1" = 200'

DEEP POTENTIOMETRIC MAP
(4/4/2011 & 5/9/2011)
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK COUNTY, GEORGIA

SCALE: 1" = 200'	DRAWN BY: AJA	CHK'D BY: BDH
JOB NO: 1-10-175A	DATE: 4-7-11	FIGURE NO: 3

M:\Projects\1-10-175A, Bullock, Trinity Project, Cedartown, GA\CADD\Revisions\Figure 3 - Deep Pot Map 5-31-11.dwg

N

REFERENCED TO
DEED 947/237

WEST GIRARD AVENUE 100' R/W

N 89°21'20" E 488.56'

1/2"REBAR

1"PIPE

NINTH STREET 60' R/W

N 01°30'00" W 2079.15'

S 01°34'25" E 1528.65'

S 01°29'16" E 435.06'

MW-20
0.004

30' RAILROAD EASEMENT
(NOT IN USE)

0.005

0.05

0.5

SEWER LINE

MW-19D

MW-18
0.096

MW-10

MW-11
0.0370

MW-13D

MW-4

MW-12D

MW-3
0.0057

MW-8
0.390

DIP-2

DIP-1

MW-7D

SIP2

SIP-1
84

MW-5
1.1

MW-2
0.026

MW-6
3.0

IP/EP-16
0.260

IP/EP-17D

CONCRETE

CONCRETE
PARKING

APPROXIMATE
LOCATION OF
FORMER ACID
PIT/IMPOUNDMENT

ASPHALT

CONCRETE

3/4"PIPE

IP/EP-15
0.023

GRAVEL PARKING

SHED

MW-9

THE HON
COMPANY
(HSI 10796)

ROME PLOW
COMPANY
(HSI 10868)

POWER SUBSTATION

INDUSTRIAL BUILDING

ASPHALT PARKING

ASPHALT

1/2"REBAR

L 108.14'
R 487.88'
C LEN 107.91'
BRG N 07°50'16"W

ASPHALT

MW-14D

MW-1
0.001

1/2"REBAR

1/2"REBAR

S 88°23'54" W 502.29'

POWER LINE

WEST AVENUE 60' R/W

NOTE: MW-4, MW-9, MW-10 & SIP2
WERE NOT SAMPLED

LEGEND

- SHALLOW MONITORING WELL OR INJECTION/EXTRACTION POINT
- DEEP MONITORING WELL LOCATION OR INJECTION/EXTRACTION POINT
- SHALLOW INJECTION POINT
- DEEP INJECTION POINT
- —0.005— ESTIMATED EXTENT OF TCE IN SHALLOW GROUNDWATER PLUME
- TCE TRICHLOROETHENE
- 0.018 TCE CONCENTRATION (mg/L)
- mg/L MILLIGRAMS PER LITER (PARTS PER MILLION)

ORIGINAL DRAWING PROVIDED BY:
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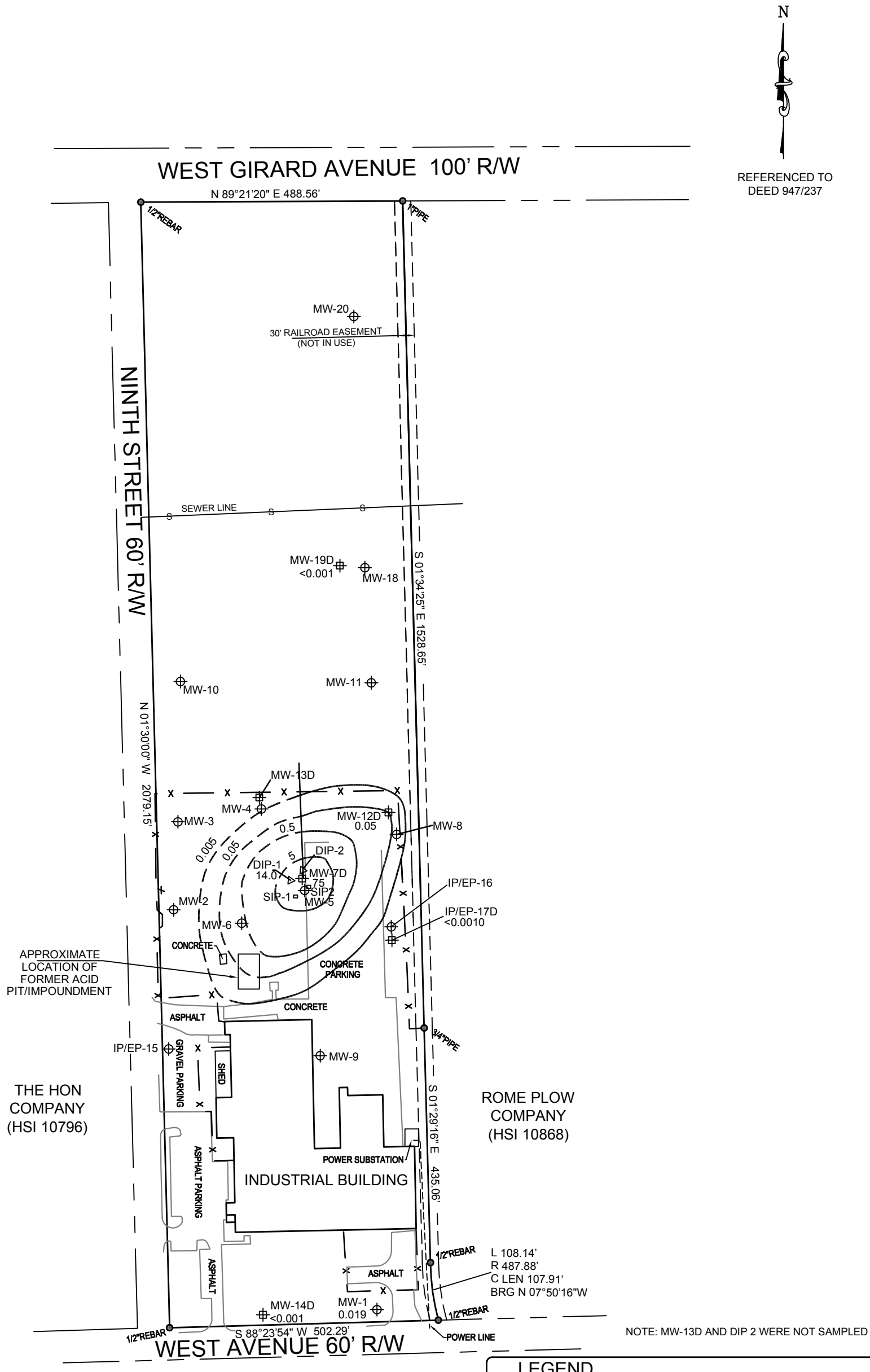
0 100 200
SCALE: 1" = 200'

SHALLOW TCE CONCENTRATION MAP
(4/6-7/2011 & 5/9/2011)
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK COUNTY, GEORGIA

SCALE: 1" = 200'	DRAWN BY: AJA	CHK'D BY: BDH
JOB NO: 1-10-175A	DATE: 4-7-11	FIGURE NO: 4

M:\Projects\1-10-175A, Bullock, Trinity Project, Cedartown, GA\CADD\Revisions\Figure 4 - Groundwater tce Map 5-31-11.dwg



NOTE: MW-13D AND DIP 2 WERE NOT SAMPLED

LEGEND

- SHALLOW MONITORING WELL OR INJECTION/EXTRACTION POINT
- DEEP MONITORING WELL LOCATION OR INJECTION/EXTRACTION POINT
- SHALLOW INJECTION POINT
- DEEP INJECTION POINT
- —0.005— ESTIMATED EXTENT OF TCE IN DEEP GROUNDWATER PLUME
- TCE TRICHLOROETHENE
- 0.018 TCE CONCENTRATION (mg/L)
- mg/L MILLIGRAMS PER LITER (PARTS PER MILLION)

ORIGINAL DRAWING PROVIDED BY:
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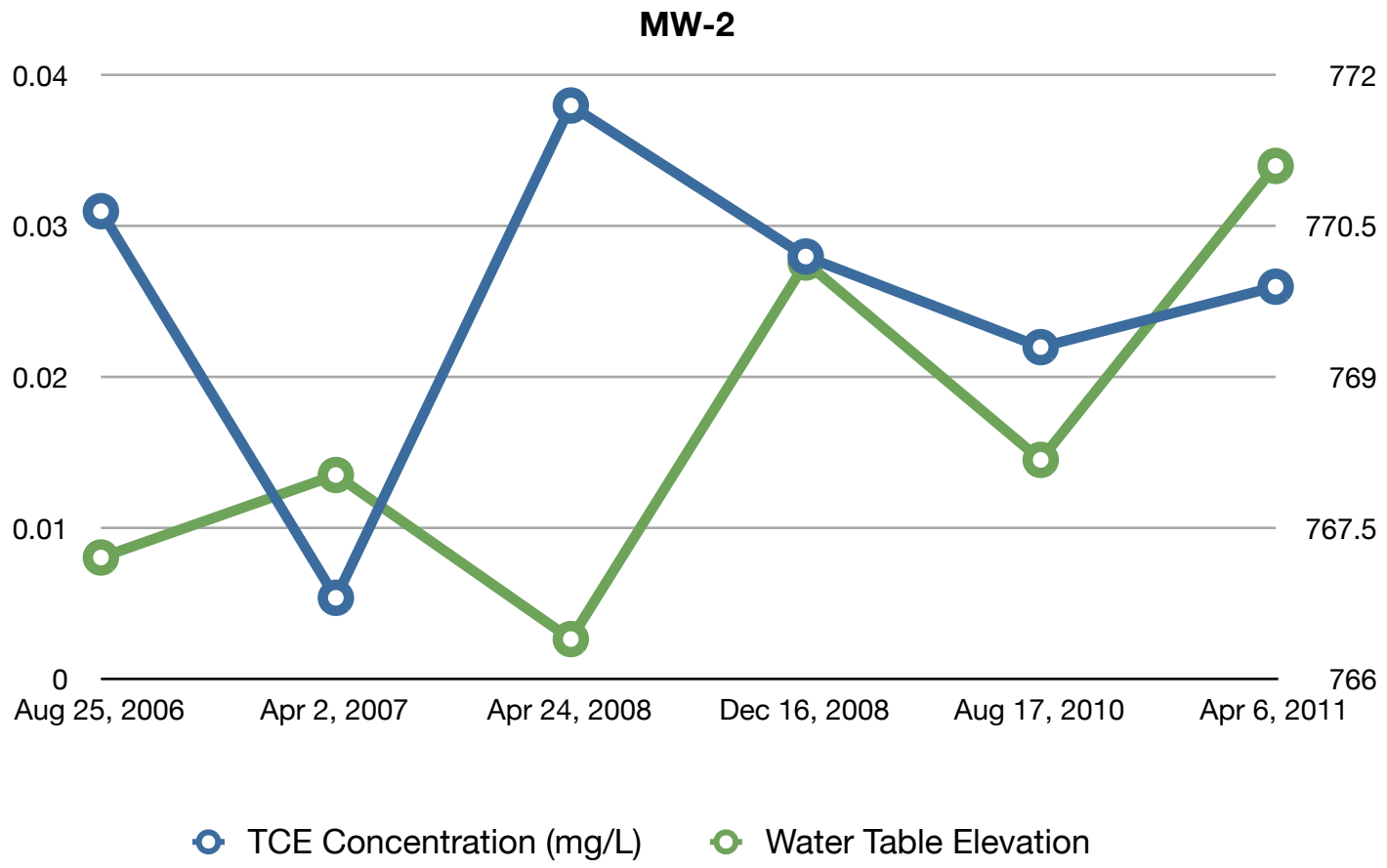
0 100 200
SCALE: 1" = 200'

DEEP TCE CONCENTRATION MAP
(4/6-7/2011 & 5/9/2011)
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK COUNTY, GEORGIA

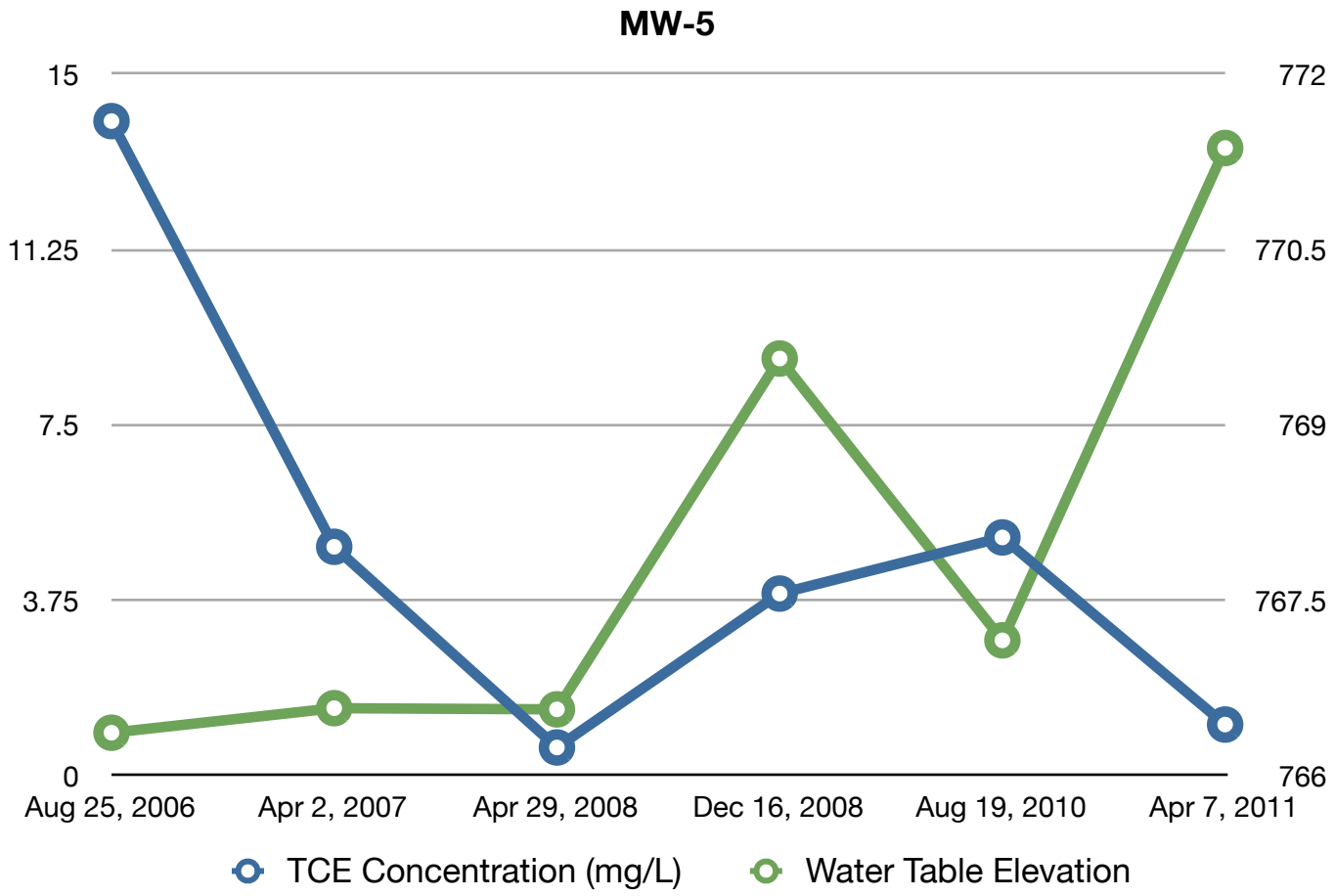
SCALE: 1" = 200'	DRAWN BY: AJA	CHK'D BY: BDH
JOB NO: 1-10-175A	DATE: 4-7-11	FIGURE NO: 5

C:\Users\Barry\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\N6I1QMZO\Figure 5 - Deep Groundwater Map 5-31-11.dwg

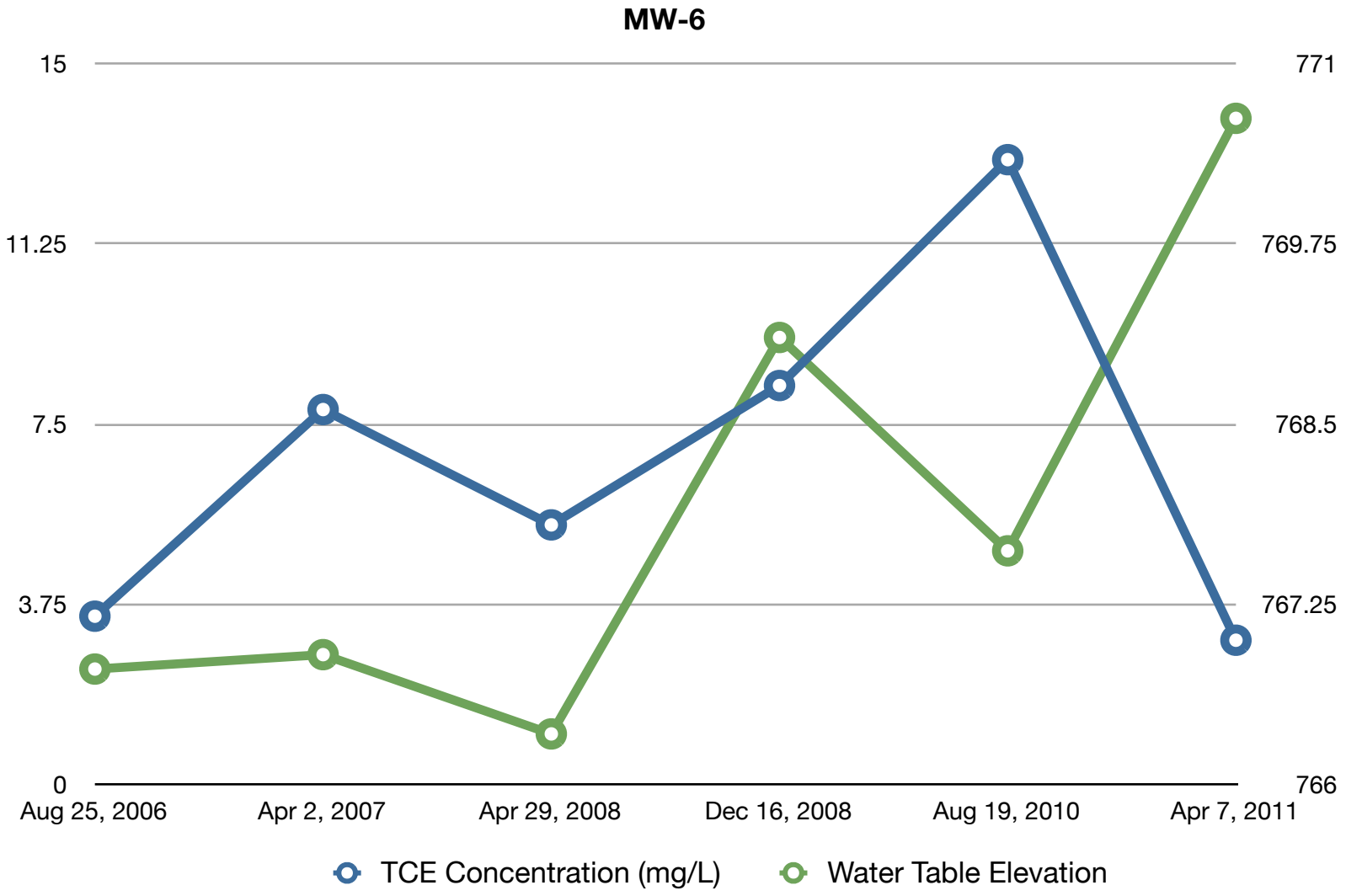
MW-2		
Date	Trichloroethene Concentration (mg/L)	Water Table Elevation
Aug 25, 2006	0.0310	767.21
Apr 2, 2007	0.0054	768.03
Apr 24, 2008	0.0380	766.4
Dec 16, 2008	0.0280	770.14
Aug 17, 2010	0.0220	768.18
Apr 6, 2011	0.026	771.1



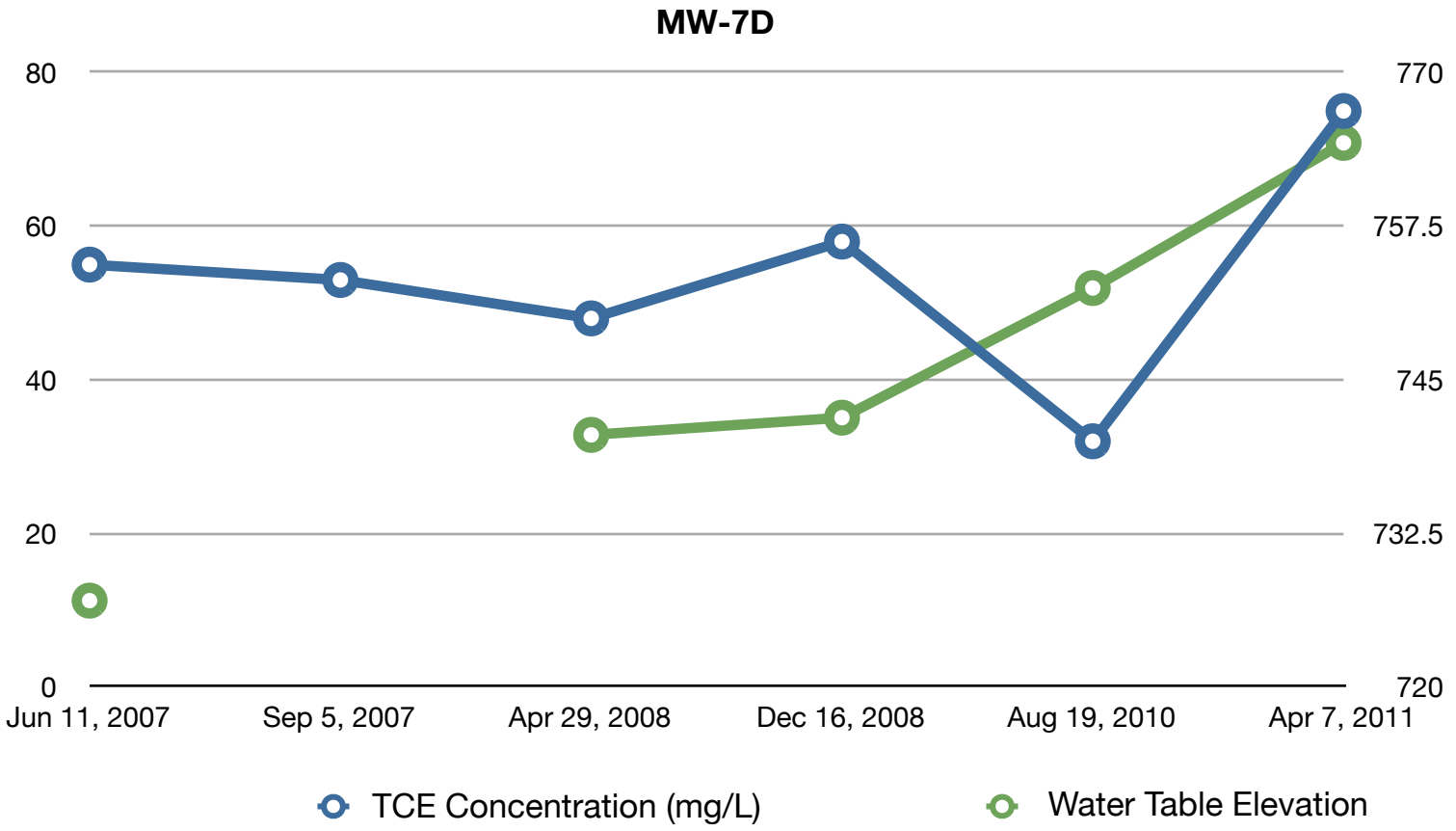
MW-5		
Date	Trichloroethene Concentration (mg/L)	Water Table Elevation
Aug 25, 2006	14.000	766.37
Apr 2, 2007	4.900	766.58
Apr 29, 2008	0.610	766.57
Dec 16, 2008	3.900	769.57
Aug 19, 2010	5.100	767.16
Apr 7, 2011	1.1	771.37



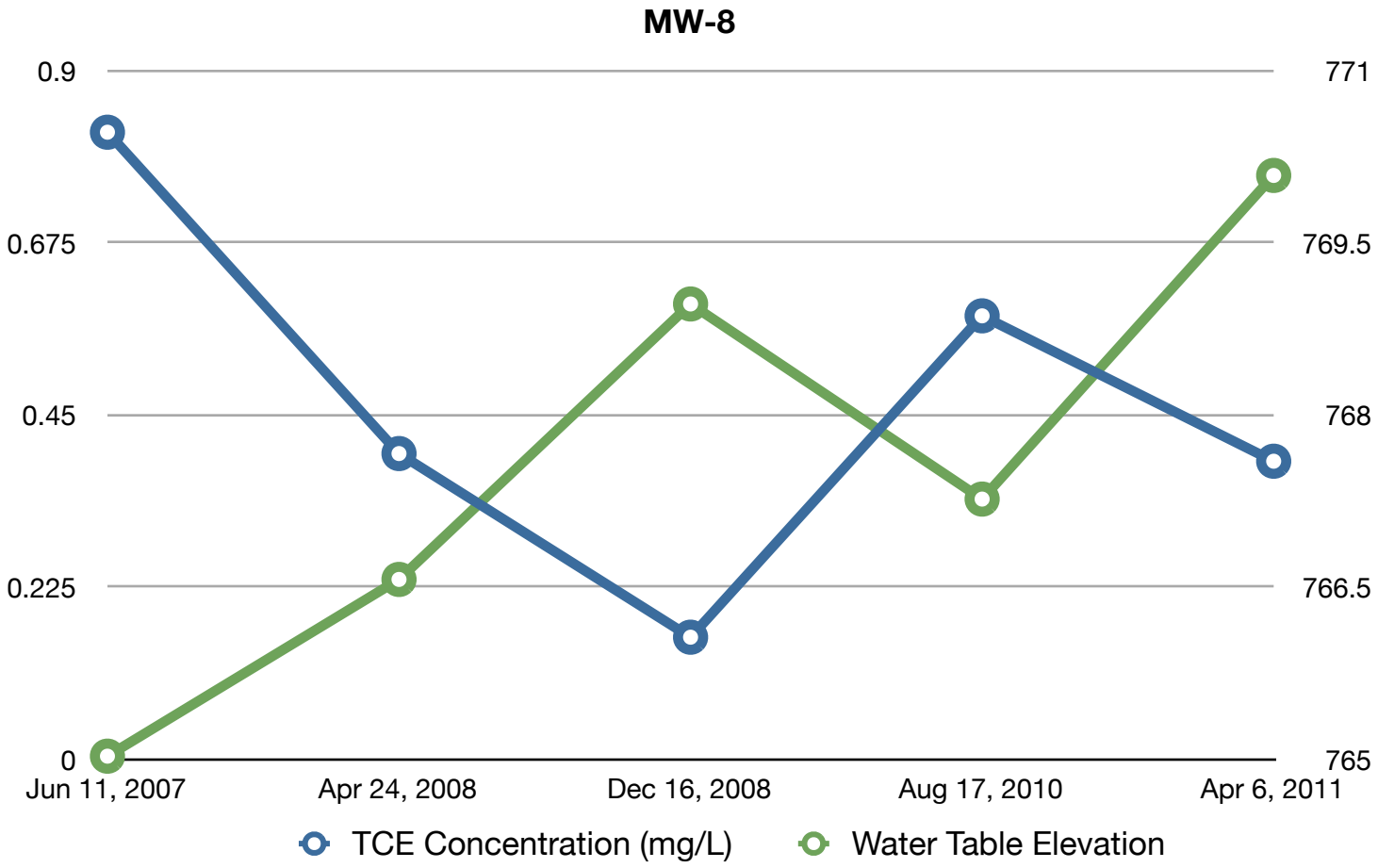
MW-6		
Date	Trichloroethene Concentration (mg/L)	Water Table Elevation
Aug 25, 2006	3.500	766.80
Apr 2, 2007	7.800	766.90
Apr 29, 2008	5.400	766.35
Dec 16, 2008	8.300	769.10
Aug 19, 2010	13.000	767.62
Apr 7, 2011	3.00	770.62



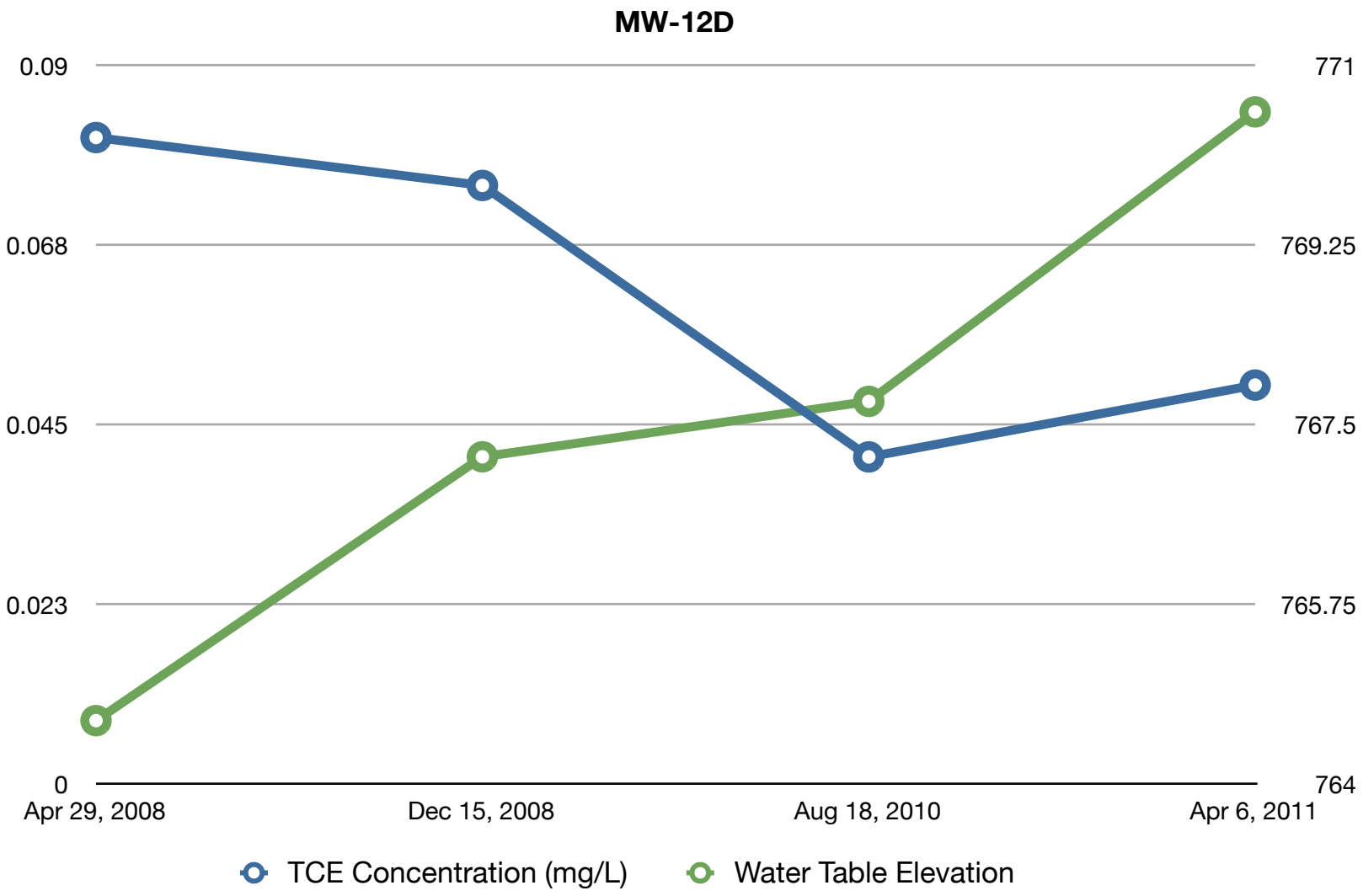
MW-7D		
Date	Trichloroethene Concentration (mg/L)	Water Table Elevation
Jun 11, 2007	55.000	727.03
Sep 5, 2007	53.000	
Apr 29, 2008	48.000	740.52
Dec 16, 2008	58.000	741.92
Aug 19, 2010	32.000	752.47
Apr 7, 2011	75	764.28



MW-8		
Date	Trichloroethene Concentration (mg/L)	Water Table Elevation
Jun 11, 2007	0.820	765.03
Apr 24, 2008	0.400	766.57
Dec 16, 2008	0.160	768.97
Aug 17, 2010	0.580	767.27
Apr 6, 2011	0.39	770.09



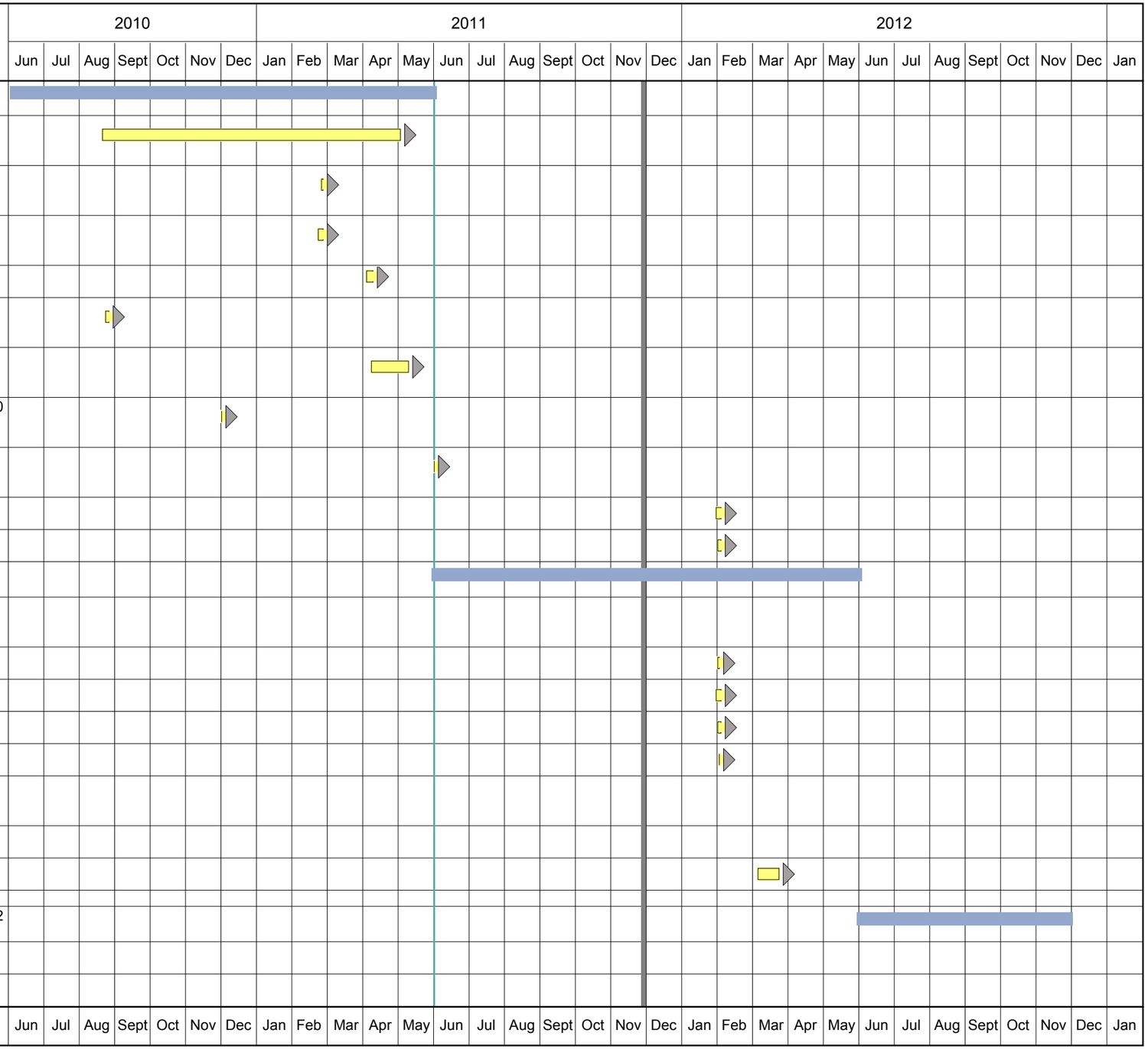
MW-12D		
Date	Trichloroethene Concentration (mg/L)	Water Table Elevation
Apr 29, 2008	0.081	764.62
Dec 15, 2008	0.075	767.19
Aug 18, 2010	0.041	767.73
Apr 6, 2011	0.05	770.55



ATTACHMENT 2

Milestone Schedule for Tasks to be Completed in Fourth Progress Report Period

	Activity Name	Duration (Work Days)	Start Date	Finish Date
1	On-Site Horizontal Delineation	262.00	6/1/10	6/1/11
2	Install shallow and bedrock monitoring wells for groundwater delineation	182.00	8/20/10	5/2/11
3	Corrective Action Plan (CAP) pilot test for ozone injection	2.00	2/24/11	2/25/11
4	Soil Sampling to define metals concentrations in soil	4.00	2/21/11	2/24/11
5	Survey new wells	5.00	4/4/11	4/8/11
6	Sample all monitoring wells for regulated substances associated with release	3.00	8/23/10	8/25/10
7	Sample all monitoring wells for regulated substances associated with release	23.00	4/7/11	5/9/11
8	Prepare and submit semi-annual reports (Dec 2010)	1.00	11/30/10	11/30/10
9	Prepare and submit semi-annual reports (Dec 2011)	1.00	5/31/11	5/31/11
10	Soil Boring Installation-Onsite	5.00	1/30/12	2/3/12
11	Hydraulic Conductivity Evaluation	3.00	2/1/12	2/3/12
12	Off-Site Horizontal Delineation	263.00	6/1/11	6/1/12
13	Install shallow and bedrock monitoring wells for groundwater delineation			
14	Survey new wells	2.00	2/1/12	2/2/12
15	Assess Rome Plow Property	5.00	1/30/12	2/3/12
16	Receptor Survey	3.00	2/1/12	2/3/12
17	Hydraulic Conductivity Evaluation	1.00	2/2/12	2/2/12
18	Sample all monitoring wells for regulated substances associated with release			
19	Prepare and submit semi-annual reports			
20	Fate & Transport Modeling	15.00	3/5/12	3/23/12
21				
22	Finalize Remediation Plan	131.00	6/1/12	11/30/12
23	Update Conceptual Site Model			
24	Complete Vertical Groundwater Delineation			



	Activity Name	Duration (Work Days)	Start Date	Finish Date	2013											2014											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	On-Site Horizontal Delineation	262.00	6/1/10	6/1/11																							
2	Install shallow and bedrock monitoring wells for groundwater delineation	182.00	8/20/10	5/2/11																							
3	Corrective Action Plan (CAP) pilot test for ozone injection	2.00	2/24/11	2/25/11																							
4	Soil Sampling to define metals concentrations in soil	4.00	2/21/11	2/24/11																							
5	Survey new wells	5.00	4/4/11	4/8/11																							
6	Sample all monitoring wells for regulated substances associated with release	3.00	8/23/10	8/25/10																							
7	Sample all monitoring wells for regulated substances associated with release	23.00	4/7/11	5/9/11																							
8	Prepare and submit semi-annual reports (Dec 2010)	1.00	11/30/10	11/30/10																							
9	Prepare and submit semi-annual reports (Dec 2011)	1.00	5/31/11	5/31/11																							
10	Soil Boring Installation-Onsite	5.00	1/30/12	2/3/12																							
11	Hydraulic Conductivity Evaluation	3.00	2/1/12	2/3/12																							
12	Off-Site Horizontal Delineation	263.00	6/1/11	6/1/12																							
13	Install shallow and bedrock monitoring wells for groundwater delineation																										
14	Survey new wells	2.00	2/1/12	2/2/12																							
15	Assess Rome Plow Property	5.00	1/30/12	2/3/12																							
16	Receptor Survey	3.00	2/1/12	2/3/12																							
17	Hydraulic Conductivity Evaluation	1.00	2/2/12	2/2/12																							
18	Sample all monitoring wells for regulated substances associated with release																										
19	Prepare and submit semi-annual reports																										
20	Fate & Transport Modeling	15.00	3/5/12	3/23/12																							
21																											
22	Finalize Remediation Plan	131.00	6/1/12	11/30/12																							
23	Update Conceptual Site Model																										
24	Complete Vertical Groundwater Delineation																										
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec

	Activity Name	Duration (Work Days)	Start Date	Finish Date	2010							2011												2012												
					Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan
25	Calculate Risk-Based Cleanup Levels																																			
26	Provide Expected Cost for Remediation																																			
27	Begin Full-Scale Remediation																																			
28	Prepare and Submit Semi-Annual Progress Reports																																			
29																																				
30	Submit Compliance Status Report	543.00	12/3/12	12/31/14																																
					Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan

	Activity Name	Duration (Work Days)	Start Date	Finish Date	2013												2014											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
25	Calculate Risk-Based Cleanup Levels																											
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28	Prepare and Submit Semi-Annual Progress Reports																											
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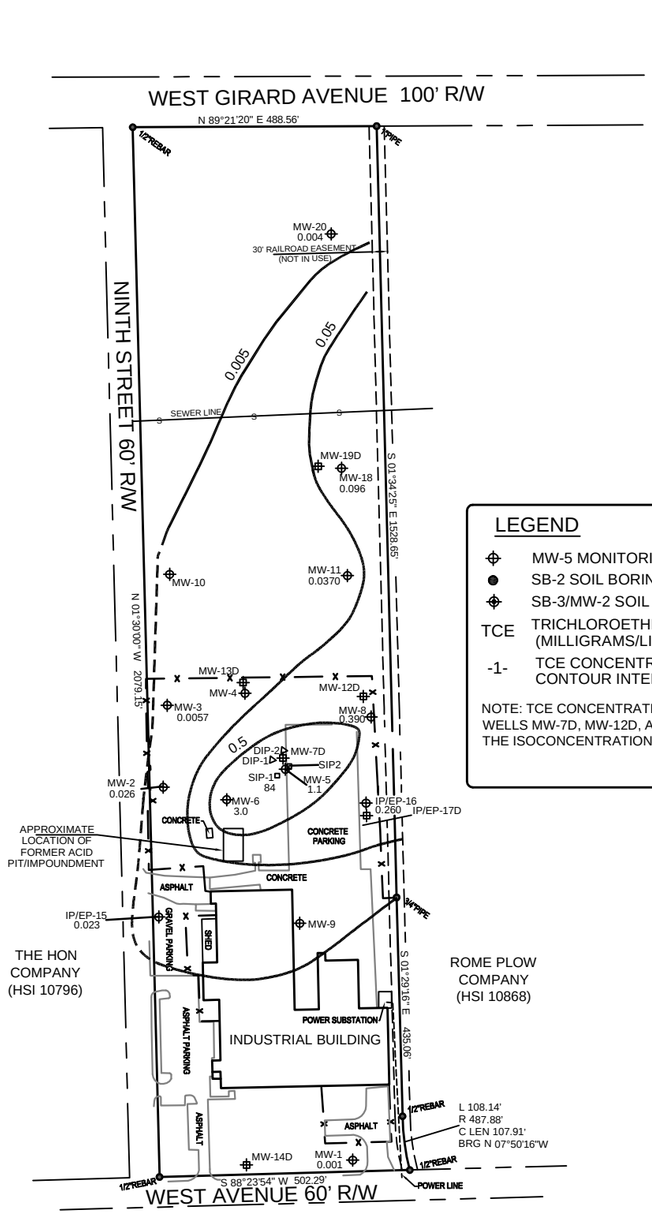
30	Submit Compliance Status Report	543.00	12/3/12	12/31/14																								
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec

ATTACHMENT 3

Updated Conceptual Site Model



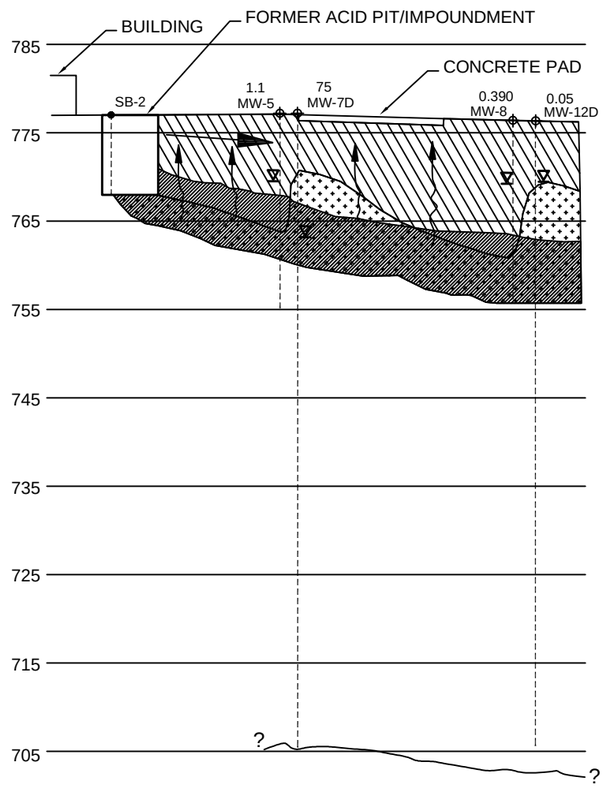
N

LEGEND

- MW-5 MONITORING WELL
- SB-2 SOIL BORING LOCATION
- SB-3/MW-2 SOIL BORING/MONITOR WELL LOCATION
- TCE — 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

SW NE



LEGEND

- SILTY CLAY/CLAYEY SILT
- LIMESTONE
- DISSOLVED VOCs PLUME
- GROUNDWATER ELEVATION (APRIL 2011)
- GROUNDWATER FLOW DIRECTION IN SHALLOW AQUIFER
- MW-5 MONITORING WELL
- SB-2 SOIL BORING LOCATION

0.049 = TCE CONCENTRATION IN GROUNDWATER (APRIL 2011)

bullock environmental, llc
ENGINEERING

BULLOCK ENVIRONMENTAL, LLC
500 OFFICE PARK DRIVE, SUITE 110
BIRMINGHAM, ALABAMA 35223
PHONE: (205) 876-1715

UPDATED CONCEPTUAL SITE MODEL
JUNE 2011 PROGRESS REPORT
FORMER MANCHESTER TANK
811 WEST AVENUE
CEDARTOWN, POLK COUNTY, GEORGIA

SCALE: NTS	DRAWN BY: AJA	CHK'D BY: BDH
JOB NO: 1-10-175A	DATE: 5-31-11	FIGURE NO: 1

C:\Users\Barry\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\N6I1QMZO\Figure 1 - Updated Conceptual Site Model.dwg

ATTACHMENT 4

Updated Milestone Schedule & Summary of P.E. Hours

"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/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

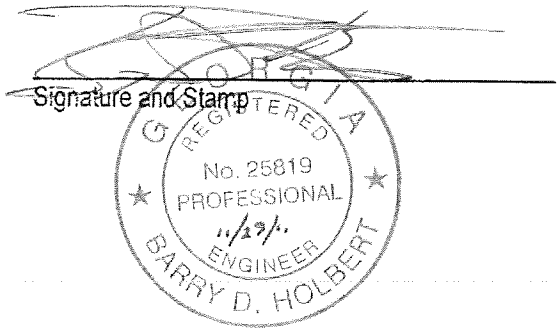
Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia 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."

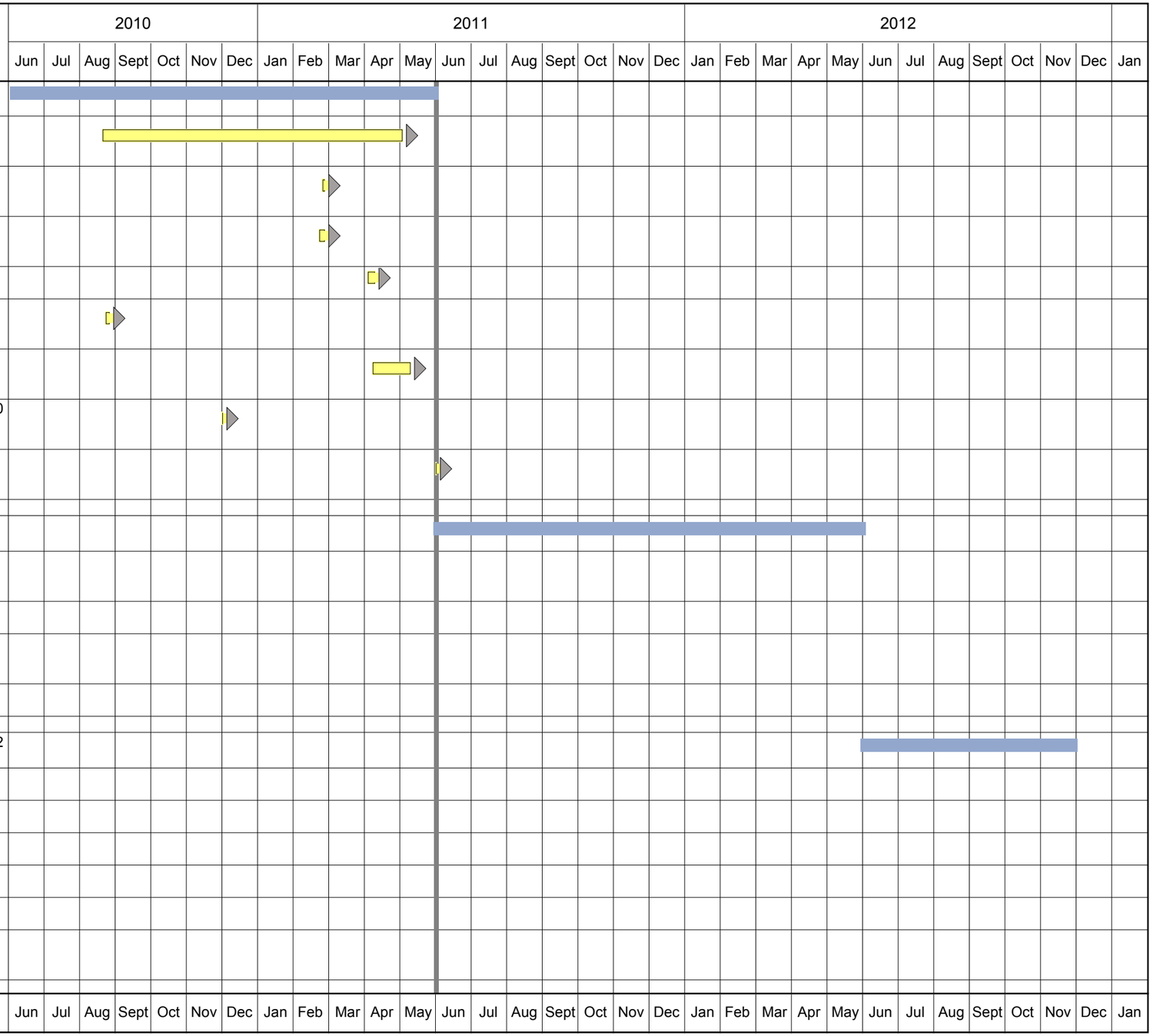
BARRY D. HOLBERT #25819
Printed Name and GA PE/PG Number

11/29/2011
Date

Signature and Stamp



	Activity Name	Duration (Work Days)	Start Date	Finish Date
1	On-Site Horizontal Delineation	262.00	6/1/10	6/1/11
2	Install shallow and bedrock monitoring wells for groundwater delineation	182.00	8/20/10	5/2/11
3	Corrective Action Plan (CAP) pilot test for ozone injection	2.00	2/24/11	2/25/11
4	Soil Sampling to define metals concentrations in soil	4.00	2/21/11	2/24/11
5	Survey new wells	5.00	4/4/11	4/8/11
6	Sample all monitoring wells for regulated substances associated with release	3.00	8/23/10	8/25/10
7	Sample all monitoring wells for regulated substances associated with release	23.00	4/7/11	5/9/11
8	Prepare and submit semi-annual reports (Dec 2010)	1.00	11/30/10	11/30/10
9	Prepare and submit semi-annual reports (Dec 2011)	1.00	5/31/11	5/31/11
10				
11	Off-Site Horizontal Delineation	263.00	6/1/11	6/1/12
12	Install shallow and bedrock monitoring wells for groundwater delineation			
13	Survey new wells			
14	Sample all monitoring wells for regulated substances associated with release			
15	Prepare and submit semi-annual reports			
16				
17	Finalize Remediation Plan	131.00	6/1/12	11/30/12
18	Update Conceptual Site Model			
19	Complete Vertical Groundwater Delineation			
20	Calculate Risk-Based Cleanup Levels			
21	Provide Expected Cost for Remediation			
22	Begin Full-Scale Remediation			
23	Prepare and Submit Semi-Annual Progress Reports			
24				



	Activity Name	Duration (Work Days)	Start Date	Finish Date	2013											2014											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
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Cumulative Summary of Invoices for VRP Progress Reports
Former Manchester Tank Property
811 West Avenue, Cedartown, GA
HSI Site No. 10765

Vendor	Invoice Number	Month/Year	Professional Hours Billed	Description of Services
Bullock Environmental, LLC	240	Nov-11	18.50	Document Review/Sample Coordination/Project Management