United States Army
Fort Monmouth, New Jersey

Site CW-1 (FTMM-22)

Classification Exception Area

U.S. Army Garrison Fort Monmouth, Main Post
Fort Monmouth, New Jersey

Prepared by

BRINKERHOFF
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Brinkerhoff Project No. 09BR116

June 2011

New Jersey Department of Environmental Protection
Site Remediation Program

CLASSIFICATION EXCEPTION AREA / WELL RESTRICTION AREA (CEA/WRA) PERMIT FACT SHEET

☒ Non-LSRP (Existing Cases) ☐ LSRP ☐ Subsurface Evaluator

Date Stamp (For Department use only)

SECTION A. CASE INFORMATION

Case Name: CW-1 (FTMM-22)

Case ID/Case Number: _____ Preferred ID (PI Number): _____

CEA Component Information

1. **Contaminant(s):** This CEA/WRA applies only to the contaminants above the applicable numeric values established by Ground Water Quality Standards (GWQS), N.J.A.C. 7:9C, listed in the table below. List below the maximum value for all contaminants included in Exhibit A using any well or sampling point used to establish the CEA.

Contaminant	Concentration (1)	GWQS (2)	SWQS (3)	GWSL (4)
Trichloroethene	2.69	1	N/A	1
Lead	5.29	5	N/A	N/A

Notes: (1) Maximum concentration in Micrograms Per Liter
(2) New Jersey Ground Water Quality Standards, N.J.A.C. 7:9C
(3) Surface Water Quality Standards, N.J.A.C. 7:9B - Applicable only where contaminants in the CEA may discharge to a surface water body. SWQS are human health based criteria.
(4) Ground Water Screening Levels from most current NJDEP Vapor Intrusion Guidance

☐ If attaching an Addendum to list additional contaminants and associated information.

☒ **Exhibit A: Monitor Well/Sampling Point Data** – Per N.J.A.C 7:26E-8.3(b) submit a copy of a table that includes the most recent 24 months of ground water sampling.

2. **CEA Boundaries:**
Lot(s) and Block(s) included in the areal extent of the Classification Exception Area:

Year of tax map used: 2005

Block(s)	Lot(s)	Check if off-site
Tinton Falls 101	1	☐
		☐
		☐
		☐
		☐

Block(s)	Lot(s)	Check if off-site
		☐
		☐
		☐
		☐
		☐

☐ If attaching an Addendum to list additional Blocks/Lots and associated information.

☒ **Exhibit B: Site Location Maps** – USGS Quadrangle Map and Tax Lot and Block Map (N.J.A.C. 7:26E-8.3(b)3i and ii)

☒ **Exhibit C: Site Map(s) and Cross Section** – Including actual/predicted contaminant isopleths, ground water flow direction, CEA boundary, monitor well/sampling point/boring locations/IDs, area(s) of concern. N.J.A.C 7:26E-8.3(b)3iii through v.

Insert NAICS responsible for area(s) of concern, if known: _____

Narrative description of proposed CEA:

The vertical extent of the site CEA for TCE includes the shallow part of the aquifer beneath the site and it extends from the water table to approximately 20 feet bgs. (Lead was identified in a deep well at 50 feet bgs.) Figure B-3 illustrates the horizontal extent of the CEA. The horizontal extent is defined by the combined TCE and lead areas.

Name of the affected Geologic Formation/Unit: Navesink Hornerstown

Direction of ground water flow: S-SE

Ground Water Classification: II-A

Vertical Depth of CEA (ft bgs and msl)	Horizontal Extent of CEA (acres or square ft)
50 feet bgs (~40 feet msl)	9,090 square feet (0.21 acres)

☒ **Exhibit D: Vertical Contaminant Data** – A table, for the most recent 24 months of data, for each sampling point used to establish the CEA, or the subset of wells indicated in N.J.A.C 7:26E-8.3(b)3iii, iv and v, that includes the following:

Depth (in feet bgs and msl elevation) to:

Water Table	Approximate Bottom of Plume[5]	Top of Plume[6]	Thickness of Clean Water Lens[6]

Notes: [5] Approximate maximum depth of contamination based on data included in Remedial Investigation Report (RIR);
[6] Required only if plume is known to be below the water table based on vertical profiling or monitor well data in RIR.

Exhibit E: Fate and Transport Description and Model Documentation

☐ Historic Fill exemption

☒ All information required pursuant to N.J.A.C. 7:26E-8.3(b)2 and applicable guidance is included.

3. Projected Term of CEA: Based on modeling/calculations in Exhibit E

Proposed Duration in Years: Indeterminate (Metals)

SECTION B. CURRENT AND PROJECTED GROUND WATER USE DOCUMENTATION

☒ **Exhibit F: Well Search Results** – Include most recent well search per N.J.A.C. 7:26E-1.17.

Check each item where, pursuant to N.J.A.C. 7:26E-8.3(b)4, written documentation was obtained regarding future ground water use for a 25-year planning horizon based on:

☒ Municipal master plans
☒ Zoning plans
☒ Local water purveyor plans and planning data pertaining to the existence of water lines and proposed future installation of water lines
☒ Local planning officials
☒ County and local boards of health
☒ Local and/or county ordinances restricting installation of potable wells

SECTION C. WELL RESTRICTION INFORMATION

For Class II-A ground water and pursuant to the GWQS at N.J.A.C. 7:9C-1.6(d), where ground water quality data indicate contaminants exceed the values listed in the Primary Drinking Water Regulations, the Department shall restrict, or require the restriction of, potable ground water uses within any CEA. Therefore, the CEA established for this site is also a Well Restriction Area, the extent of which coincides with the boundaries of the CEA.
Well Restrictions set within the boundaries of the CEA:

☒ Double Case Wells
☒ Sample Potable Wells
☒ Evaluate Production Wells
☐ Other

SECTION D. PUBLIC NOTIFICATION REQUIREMENTS

Notify Department that letters were sent per N.J.A.C. 7:26E-8.3(b)5 (check all applicable categories):

- ☒ Municipal and county clerk(s)
- ☒ Local, county or regional health department(s)
- ☒ Designated County Environmental Health Act agency (if applicable)
- ☒ County Planning Board
- ☐ Pinelands Commission (if applicable)
- ☐ Owners of real property overlying CEA foot print

☐ **Exhibit G: List of Names and Addresses** – Include all persons notified pursuant to N.J.A.C. 7:26E-8.3(b) based on the proposed CEA extent.

Property Owner Name	Property Owner Address	Date Property Owner was notified	Property was evaluated for vapor impacts ☒ if "Yes"
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			☐
			☐

SECTION E. NON-LSRP SITE REMEDIATION PROFESSIONAL STATEMENT

First Name: _____ Last Name: _____

Phone Number: _____ Ext: _____ Fax: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Email Address: _____

I believe that the information contained herein, and including all attached documents, is true, accurate and complete.

Signature: _____ Date: _____

Name/Title: _____ **No Changes Since Last Submittal** ☐

Company Name: _____

Completed forms should be sent to:

Bureau of Case Assignment & Initial Notice
New Jersey Department of Environmental Protection
Site Remediation Program
401 East State Street
PO Box 420
Mail Code 401-05
Trenton, NJ 08625

Exhibit A

Monitoring Well/Sampling Point Data

EXHIBIT A

1.0 INTRODUCTION

This report discusses current ground water conditions and presents a ground water Classification Exception Area (CEA) for the Fort Monmouth CW-1 Wastewater Treatment Lime Pit area, known as the FTMM-22 area, located in Tinton Falls, Monmouth County, New Jersey (hereinafter referred to as the Site).

The work recently completed consisted of analyzing the historical ground water quality database to evaluate trends, reviewing the most recent ground water sample collection (4^{th} Quarter 2008 to 3^{rd} Quarter 2010) to select the constituents of potential concern (COPCs) at the Site (the constituents with concentrations exceeding the New Jersey Department of Environmental Protection [NJDEP] Ground Water Quality Standards [GWQS]), model the ground water fate and transport of COPCs to determine CEA duration, as well as to predict the future extent of the CEA.

Brinkerhoff Environmental Services, Inc. (Brinkerhoff) completed this work in accordance with current NJDEP guidelines, specifically the procedures described in the *Final Guidance on Designation of CEAs* and the *Technical Requirements for Site Remediation* (*Technical Requirements*), New Jersey Administrative Code (N.J.A.C.) 7:26E-8.4, last amended on November 4, 2009.

The following sections of this report provide the information required to define the CEA for the Site. Included are the following:

- A description of subsurface stratigraphic and hydrogeologic conditions beneath the Site;
- A description of the ground water quality at the Site;
- A list of COPCs at the Site known to be present at concentrations greater than the NJDEP GWQS;
- A determination of the horizontal and vertical extent of the CEA;
- A determination of the duration of the CEA;
- A written and mapped description of the CEA, including electronic and paper copies of the map of the CEA compatible with the NJDEP GIS (Geographic Information Systems (NAD [North American Datum] 83);
- An evaluation of the area encompassed by the CEA to determine if the area is a ground water use area as defined by NJDEP; and
- Notification to the appropriate agencies of the intent to establish the CEA.

2.0 BACKGROUND

2.1 Site Setting and History

The CW-1 Site is one of the two wastewater treatment lime pits area, located in the courtyard area of Bldg. 2700/Myers Center facility. The CW-1 Site is known as the FTMM-22 area, is located at the intersection of Pearl Harbor Avenue and Corregidor Road, and represents one of the areas of concern (AOC) at the Charles Wood Fort Monmouth United States (U.S.) Army installation, in Monmouth County, New Jersey.

The wastewater treatment lime pit was constructed concurrently with the Myers Center facility in 1952. The pit was designed to treat corrosive wastes generated from laboratory activities operating within the facility. The pit is a concrete vault measuring 7 by 13 by 8 feet in height and contains limestone chips. Corrosive waste discharge lines originating from the north and west wings of Bldg. 2700 were plumbed to the pit. The effluent discharge line exiting the pit was connected to the sanitary sewer. In 1992, DPW personnel collected limestone and sludge samples from the pit to evaluate the potential for environmental contaminants being present. Analytical testing of the sample material identified elevated levels of organic contaminants. The cleanup action initiated generated ninety-two 55 gallon drums of RCRA waste. Following the cleanup action, fresh limestone chips were placed into the pit as a precautionary measure. Current hazardous waste management practices prohibit the discharge of corrosive wastes into the wastewater treatment lime pit system. Due to the presence of elevated levels of organic contaminants being identified in the pit, the focus of the historical reports for the Site was to evaluate the potential impact to soil and ground water. During the historical Site investigations, soil and ground water samples were analyzed for organic compounds and metals. No compounds of concern were detected above the NJDEP Direct Contact Soil Cleanup Criteria, but TCE, PCE and 1,2-Dichloroethene were detected in downgradient monitoring wells above NJDEP GWQS. Contaminant levels within the ground water were about 1,000 times higher than the NJDEP GWQS. Under the remedial investigation phase, a passive soil gas survey was conducted at the CW-1 Site to delineate the extent of lateral soil contamination and to aid in the placement of additional monitoring wells. Additional shallow and deep wells were installed next to the lime pit to determine the horizontal and vertical extent of contamination in ground water. The remedial investigation delineated the vertical and horizontal extent of the contaminant plume.

As shown in the paragraphs above, during the historical investigations performed for the Site, volatile organic compounds (VOCs) and metals were the constituents of possible concern (COPCs), being detected above the NJDEP GWQS. Current activities at the FTMM-22 are limited to those relative to the cleanup of the Site under the *Technical Requirements* (N.J.A.C. 7:26E), and consists of long term monitoring of ground water.

2.2 Monitoring Well/Sampling Point Data

The Fort Monmouth DPW sampled ground water monitoring wells at the Site from December 2008 through August 2010 (4th Quarter 2008 through the 3rd Quarter 2010). Analyses of this data can be found in the Remedial Action Progress Report (RAPR), Fort Monmouth, New Jersey, prepared in 2011 by Groundwater & Environmental Services, Inc. (GES).

Recent measured concentrations of metals - antimony, arsenic, and lead, and one VOC – trichloroethene (TCE), exceeded the NJDEP GWQS. Table A-1, located within this Exhibit, provides a ground water exceedance summary for the 4th Quarter of 2008 to the 3rd Quarter of 2010.

2.2.1 Metals

Three metals (antimony, arsenic and lead) were detected in ground water at the Site during the 3rd Quarter 2010 sampling event at concentrations exceeding the NJDEP GWQS. These metals and their concentrations are presented on Table C-1 located within Exhibit C. Antimony exceeds the NJDEP GWQS of 6 micrograms per liter (ug/L) at nearly all of the wells with detected concentrations at the Site, in both shallow and deep aquifer (Exhibit C, Figure C-2 and C-3), while arsenic and lead do not show any exceedances of the NJDEP GWQS in the shallow aquifer, but show exceedances of the NJDEP GWQS in the deep aquifer: arsenic exceeds three times the NJDEP GWQS of 3 ug/L at wells CW1MW38, CW1MW39 and CW1MW40 (Exhibit C, Figure C-4), and lead exceeds one time the NJDEP GWQS of 5 ug/L at well CW1MW38 (Exhibit C, Figure C-5).

Metals are known to migrate slowly and not degrade. Metals in ground water throughout Fort Monmouth were evaluated using statistical analyses and published literature information (Brinkerhoff, 2011 *Background Metals Evaluation*). It was concluded that the metals in ground water are likely a combination of a natural dissolved component along with input from sample turbidity. Due to the interference from sample turbidity, exceedances of the GWQS by actual dissolved-phase metals are not certain.

The presence of antimony and arsenic at the Site is attributed to naturally occurring background conditions. Therefore, they are not considered contaminants of concern, and are not included in the CEA application.

Due to its common industrial use, the source of lead is less certain, and therefore it remains a COPC and is included in this CEA. Based on the findings of Brinkerhoff's Background Metals Evaluation, modeling of the metals is not practical, and the CEA timeframe is therefore indeterminate. (Refer to the Background Metals Evaluation prepared by Brinkerhoff in 2011 for more information.)

2.2.2 Volatile Organic Compounds (VOCs)

In the August 2010 sampling event, TCE, was detected in shallow ground water at the Site at concentrations above NJDEP GWQS (Exhibit C, Table C-2 and Figure C-7), and was included in the CEA application.

Historical VOC data for TCE was analyzed (Exhibit C, Figures C-8 and C-9) to evaluate Site-specific depletion. Figure C-6 shows the maximum 2000 TCE concentration distribution, and Figure C-7 shows the August 2010 TCE concentration distribution.

The August 2010 concentrations for TCE were used to generate the August 2010 CEA extent, as well as to calibrate the MODFLOW-MT3D fate and transport model. The maximum 2000 data was used as initial concentrations in the MODFLOW-MT3D model and the historical TCE data was used to determine the CEA extent variation with time and the CEA duration.

2.3 Regional Geology and Hydrogeology

The Site is situated within the New Jersey Coastal Plain Province (Zapecza 1989) at an elevation of approximately 15 feet above mean sea level (United States Geological Survey [USGS] 1995). The closest surface water is an unnamed tributary of Parker Creek located 700 feet southeast of the Site. Parker Creek is classified as a wetland by the U.S. Fish & Wildlife Service National Wetlands Inventory (Directorate of Public Works (DPW) Environmental Office 1997).

Previous geologic investigations prepared for the Site have described the underlying shallow unconsolidated deposits below ground surface (bgs) as "predominantly derived from deltaic, shallow marine, and continental shelf environments", consisting of "clay, silt, sand, and gravel" (DPW Environmental Office 1997). The Soil Survey of Monmouth County classified most of the soil on the Main Post as urban land (developed land with disturbed soils) and labeled the soil as Udorthent soils, which are soils altered by excavating or filling. The small portion of the Main Post, which is otherwise classified, includes a mixture of soil types (loam, clay, sandy loam, etc.) and has low to moderate permeability and is poorly-to-well-drained.

Exhibit C, Figure C-10 illustrates a generalized geologic cross section at the Site, using well construction information (Exhibit C, Table C-3). The Navesink Formation and Hornerstown Sand is a Class II-A aquifer and is sampled at the Site from the water table, approximately nine feet bgs to a depth of approximately 20 feet bgs, in the shallow aquifer, and from about 20 feet bgs to a depth of approximately 50 feet bgs, in the deep aquifer. Therefore, the aquifer thickness of the shallow aquifer beneath the Site is considered to be approximately 20 feet (total depth of the shallow wells), and the aquifer thickness of the deep aquifer beneath the Site is considered to be approximately 30 feet (the thickness between the bottom of the shallow wells and deep wells).

As can be observed from Exhibit C, Tables C-1 and C-2, the only TCE impacted wells at the Site are the shallow wells, screened at a maximum of 20 feet bgs (lead impact was identified in a deep well at 50 feet bgs).

The shallow groundwater occurs at a depth ranging from approximately 7 to 12 feet bgs (Exhibit C, Table C-3), while the deep groundwater occurs at a depth ranging from approximately 15 to 30 feet bgs.

The flow in the shallow aquifer beneath the Site is towards the unnamed tributary of Parker Creek located 700 feet southeast of the Site, and the flow direction in the deep aquifer beneath the Site is towards the center of the Site, as shown by the ground water elevation contours (Exhibit C, Figure C-11 and C-12) prepared for the September-October 2010 sampling event at the Site for the shallow and deep aquifer.

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
4th Quarter 2008

Notes:	Well ID	Date Collected	Antimony	Arsenic	Lead	Trichloroethene
			NJDEP GWQS	*NJDEP GWQS*	*NJDEP GWQS*	*NJDEP GWQS*
			6	*3*	*5*	*1*
	CW1MW26	12/8/2008	NA	NA	NA	ND
D	CW1MW26	12/8/2008	NA	NA	NA	ND
	CW1MW27	12/8/2008	NA	NA	NA	ND
	CW1MW28	12/8/2008	NA	NA	NA	ND
	CW1MW282	12/8/2008	NA	NA	NA	ND
	CW1MW29	12/8/2008	NA	NA	NA	ND
	CW1MW291	12/8/2008	NA	NA	NA	ND
	CW1MW30	12/8/2008	NA	NA	NA	ND
	CW1MW31	12/8/2008	NA	NA	NA	ND
	CW1MW32	12/8/2008	NA	NA	NA	ND
	CW1MW33	12/8/2008	NA	NA	NA	ND
	CW1MW34	12/8/2008	NA	NA	NA	ND

Notes:
Concentrations reported in µg/L
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
1st Quarter 2009

Notes:	Well ID	Date Collected	Antimony	Arsenic	Lead	Trichloroethene
			NJDEP GWQS	*NJDEP GWQS*	*NJDEP GWQS*	*NJDEP GWQS*
			6	*3*	*5*	*1*
D	CW1MW26	2/18/2009	NA	NA	NA	ND
	CW1MW26	2/18/2009	NA	NA	NA	ND
	CW1MW27	2/18/2009	NA	NA	NA	ND
	CW1MW28	2/18/2009	NA	NA	NA	ND
	CW1MW281	1/13/2009	NA	NA	NA	20.1
	CW1MW282	2/18/2009	NA	NA	NA	ND
	CW1MW29	2/18/2009	NA	NA	NA	ND
	CW1MW291	2/18/2009	NA	NA	NA	ND
	CW1MW30	2/18/2009	NA	NA	NA	ND
	CW1MW31	2/18/2009	NA	NA	NA	ND
	CW1MW32	2/18/2009	NA	NA	NA	ND
	CW1MW33	2/18/2009	NA	NA	NA	ND
	CW1MW34	2/18/2009	NA	NA	NA	ND
	CW1MW35	2/18/2009	NA	NA	NA	ND
	CW1MW36	2/18/2009	NA	NA	NA	ND
	CW1MW37	2/18/2009	NA	NA	NA	0.48 J

Notes:
Concentrations reported in µg/L
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
2nd Quarter 2009

Notes:	Well ID	Date Collected	Antimony	Arsenic	Lead	Trichloroethene
			NJDEP GWQS	*NJDEP GWQS*	*NJDEP GWQS*	*NJDEP GWQS*
			6	*3*	*5*	*1*
	CW1MW26	5/15/2009	NA	NA	NA	ND
D	CW1MW26	5/15/2009	NA	NA	NA	ND
	CW1MW27	5/15/2009	NA	NA	NA	ND
	CW1MW28	5/15/2009	NA	NA	NA	2.49
	CW1MW281	5/18/2009	NA	NA	NA	15.58
	CW1MW282	5/18/2009	NA	NA	NA	ND
	CW1MW29	5/15/2009	NA	NA	NA	ND
	CW1MW291	5/18/2009	NA	NA	NA	0.36 J
	CW1MW30	5/15/2009	NA	NA	NA	ND
	CW1MW31	5/15/2009	NA	NA	NA	ND
	CW1MW32	5/15/2009	NA	NA	NA	ND
	CW1MW33	5/15/2009	NA	NA	NA	ND
D	CW1MW34	5/18/2009	NA	NA	NA	ND
	CW1MW34	5/18/2009	NA	NA	NA	ND
	CW1MW35	5/18/2009	NA	NA	NA	ND
	CW1MW36	5/18/2009	NA	NA	NA	ND
	CW1MW37	5/18/2009	NA	NA	NA	0.42 J
	CW1MW38	5/18/2009	NA	NA	NA	ND
	CW1MW39	5/18/2009	NA	NA	NA	ND
	CW1MW40	5/18/2009	NA	NA	NA	ND

Notes:
Concentrations reported in µg/L
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
3rd Quarter 2009

Notes:	Well ID	Date Collected	Antimony *NJDEP GWQS* *6*	Arsenic *NJDEP GWQS* *3*	Lead *NJDEP GWQS* *5*	Trichloroethene *NJDEP GWQS* *1*
D	CW1MW26	7/29/2009	NA	NA	NA	ND
	CW1MW26	7/29/2009	NA	NA	NA	ND
	CW1MW27	7/29/2009	NA	NA	NA	ND
	CW1MW28	7/29/2009	NA	NA	NA	ND
	CW1MW281	7/29/2009	NA	NA	NA	3.25
	CW1MW282	7/29/2009	NA	NA	NA	ND
	CW1MW29	7/29/2009	NA	NA	NA	0.55
	CW1MW291	7/29/2009	NA	NA	NA	ND
	CW1MW30	7/29/2009	NA	NA	NA	ND
	CW1MW31	7/29/2009	NA	NA	NA	ND
	CW1MW32	7/29/2009	NA	NA	NA	ND
	CW1MW33	7/29/2009	NA	NA	NA	ND
	CW1MW34	8/4/2009	NA	NA	NA	ND
D	CW1MW34	8/5/2009	NA	NA	NA	ND
	CW1MW35	8/4/2009	NA	NA	NA	ND
	CW1MW36	8/4/2009	NA	NA	NA	ND
	CW1MW37	8/4/2009	NA	NA	NA	0.86
	CW1MW38	7/30/2009	NA	NA	NA	ND
	CW1MW39	7/30/2009	NA	NA	NA	ND
D	CW1MW39	7/30/2009	NA	NA	NA	ND
	CW1MW40	7/30/2009	NA	NA	NA	ND

Notes:
Concentrations reported in µg/L
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
4th Quarter 2009

Notes:	Well ID	Date Collected	Antimony	Arsenic	Lead	Trichloroethene
			NJDEP GWQS	*NJDEP GWQS*	*NJDEP GWQS*	*NJDEP GWQS*
			6	*3*	*5*	*1*
	CW1MW26	10/14/2009	NA	NA	NA	ND
D	CW1MW26	10/14/2009	NA	NA	NA	ND
	CW1MW27	10/14/2009	NA	NA	NA	ND
	CW1MW28	10/14/2009	NA	NA	NA	ND
	CW1MW281	10/19/2009	NA	NA	NA	10.25
	CW1MW282	10/19/2009	NA	NA	NA	ND
	CW1MW29	10/14/2009	NA	NA	NA	0.55
D	CW1MW291	10/19/2009	NA	NA	NA	ND
	CW1MW291	10/19/2009	NA	NA	NA	ND
	CW1MW30	10/14/2009	NA	NA	NA	ND
	CW1MW31	10/14/2009	NA	NA	NA	ND
	CW1MW32	10/14/2009	NA	NA	NA	ND
	CW1MW33	10/14/2009	NA	NA	NA	ND
	CW1MW34	10/19/2009	NA	NA	NA	ND
	CW1MW35	10/19/2009	NA	NA	NA	ND
	CW1MW36	10/19/2009	NA	NA	NA	ND
	CW1MW37	10/19/2009	NA	NA	NA	ND
	CW1MW38	10/19/2009	NA	NA	NA	ND
	CW1MW39	10/19/2009	NA	NA	NA	ND
	CW1MW40	10/19/2009	NA	NA	NA	ND

Notes:
Concentrations reported in µg/L
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
1st Quarter 2010

Notes:	Well ID	Date Collected	Antimony	Arsenic	Lead	Trichloroethene
			NJDEP GWQS	*NJDEP GWQS*	*NJDEP GWQS*	*NJDEP GWQS*
			6	*3*	*5*	*1*
D	CW1MW26	1/20/2010	NA	NA	NA	ND
	CW1MW26	1/20/2010	NA	NA	NA	ND
	CW1MW27	1/20/2010	NA	NA	NA	ND
	CW1MW28	1/20/2010	NA	NA	NA	0.25 J
	CW1MW281	1/22/2010	NA	NA	NA	109.9
	CW1MW282	1/20/2010	NA	NA	NA	ND
	CW1MW29	1/20/2010	NA	NA	NA	ND
	CW1MW291	1/20/2010	NA	NA	NA	ND
	CW1MW30	1/20/2010	NA	NA	NA	ND
	CW1MW31	1/22/2010	NA	NA	NA	ND
D	CW1MW31	1/22/2010	NA	NA	NA	ND
	CW1MW32	1/22/2010	NA	NA	NA	ND
	CW1MW33	1/22/2010	NA	NA	NA	ND
	CW1MW34	1/22/2010	NA	NA	NA	ND
	CW1MW35	1/22/2010	NA	NA	NA	ND
	CW1MW36	1/22/2010	NA	NA	NA	ND
	CW1MW37	1/22/2010	NA	NA	NA	0.57
	CW1MW38	1/22/2010	NA	NA	NA	ND
	CW1MW39	1/22/2010	NA	NA	NA	ND
	CW1MW40	1/22/2010	NA	NA	NA	ND

Notes:
Concentrations reported in µg/L
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
2nd Quarter 2010

Notes:	Well ID	Date Collected	Antimony	Arsenic	Lead	Trichloroethene
			NJDEP GWQS	*NJDEP GWQS*	*NJDEP GWQS*	*NJDEP GWQS*
			6	*3*	*5*	*1*
LF, D	CW1MW26	4/19/2010	ND	ND	ND	ND
LF	CW1MW26	4/19/2010	ND	0.720 ER	ND	ND
LF	CW1MW27	4/19/2010	ND	ND	ND	ND
LF	CW1MW28	4/23/2010	ND	ND	ND	ND
LF	CW1MW281	4/23/2010	7.07 ER	1.06 ER	4.88 ER	37.62
LF	CW1MW282	4/22/2010	ND	ND	ND	ND
LF	CW1MW29	4/19/2010	ND	1.02 ER	ND	0.39 J
LF	CW1MW291	4/23/2010	ND	ND	ND	ND
LF	CW1MW30	4/19/2010	ND	ND	ND	ND
LF, D	CW1MW31	4/20/2010	ND	ND	ND	ND
LF	CW1MW31	4/20/2010	ND	ND	ND	ND
LF	CW1MW32	4/20/2010	ND	ND	ND	ND
LF	CW1MW33	4/20/2010	ND	ND	ND	ND
LF	CW1MW34	4/20/2010	ND	ND	ND	ND
LF	CW1MW35	4/22/2010	ND	ND	ND	ND
LF, D	CW1MW36	4/22/2010	13.6	0.780 ER	2.66 ER	ND
LF	CW1MW36	4/22/2010	12.9	ND	ND	ND
LF	CW1MW37	4/23/2010	10.7	ND	ND	0.68
LF	CW1MW38	4/22/2010	10.3	2.67 ER	5.33	ND
LF	CW1MW39	4/22/2010	12.4	25.92	3.67 ER	ND
LF, D	CW1MW40	4/23/2010	8.99 ER	9.61	ND	ND
LF	CW1MW40	4/23/2010	7.00 ER	9.69	ND	ND

Notes:
Concentrations reported in µg/L
LF - Monitor Wells sampled via Low-Flow Method
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

Table A - 1
Contaminant Isoconcentration Summary Table
CW-1 Area, Fort Monmouth, NJ
3rd Quarter 2010

Notes:	Well ID	Date Collected	Antimony	Arsenic	Lead	Trichloroethene
			NJDEP GWQS	*NJDEP GWQS*	*NJDEP GWQS*	*NJDEP GWQS*
			6	*3*	*5*	*1*
LF	CW1MW26	8/10/2010	ND	ND	ND	ND
LF, D	CW1MW26	8/10/2010	5.09 ER	ND	ND	ND
LF	CW1MW27	8/11/2010	ND	ND	ND	ND
LF	CW1MW28	8/25/2010	ND	1.00 ER	ND	2.69
LF	CW1MW281	8/25/2010	5.70 ER	1.54 ER	2.45 ER	ND
LF	CW1MW282	8/11/2010	ND	ND	ND	ND
LF	CW1MW29	8/11/2010	10.3	0.810 ER	ND	2.00
LF	CW1MW291	8/17/2010	ND	0.680 ER	ND	ND
LF	CW1MW30	8/11/2010	ND	ND	ND	ND
LF	CW1MW31	8/11/2010	7.66 ER	ND	ND	ND
LF	CW1MW32	8/27/2010	ND	ND	ND	ND
LF, D	CW1MW33	8/17/2010	ND	0.890 ER	ND	ND
LF	CW1MW33	8/17/2010	ND	1.27 ER	ND	ND
LF	CW1MW34	8/17/2010	ND	0.090 ER	ND	ND
LF	CW1MW35	8/17/2010	ND	0.680 ER	ND	ND
LF	CW1MW36	8/17/2010	5.87 ER	0.860 ER	ND	ND
LF	CW1MW37	8/17/2010	6.58 ER	1.13 ER	ND	ND
LF	CW1MW38	8/24/2010	9.16 ER	5.06	5.29	ND
LF, D	CW1MW38	8/24/2010	8.65 ER	5.06	3.58 ER	ND
LF	CW1MW39	8/25/2010	12.9	36.40	3.83 ER	ND
LF	CW1MW40	8/25/2010	6.94 ER	10.21	2.86 ER	ND

Notes:
Concentrations reported in µg/L
LF - Monitor Wells sampled via Low-Flow Method
ND - Non-Detect
NA - Not Analyzed for parameter
D - Duplicate Sample
J - Estimated Result between Reporting Limit and Method Detection Limit for VOCs
ER - Estimated Result between Reporting Limit and Method Detection Limit for metals

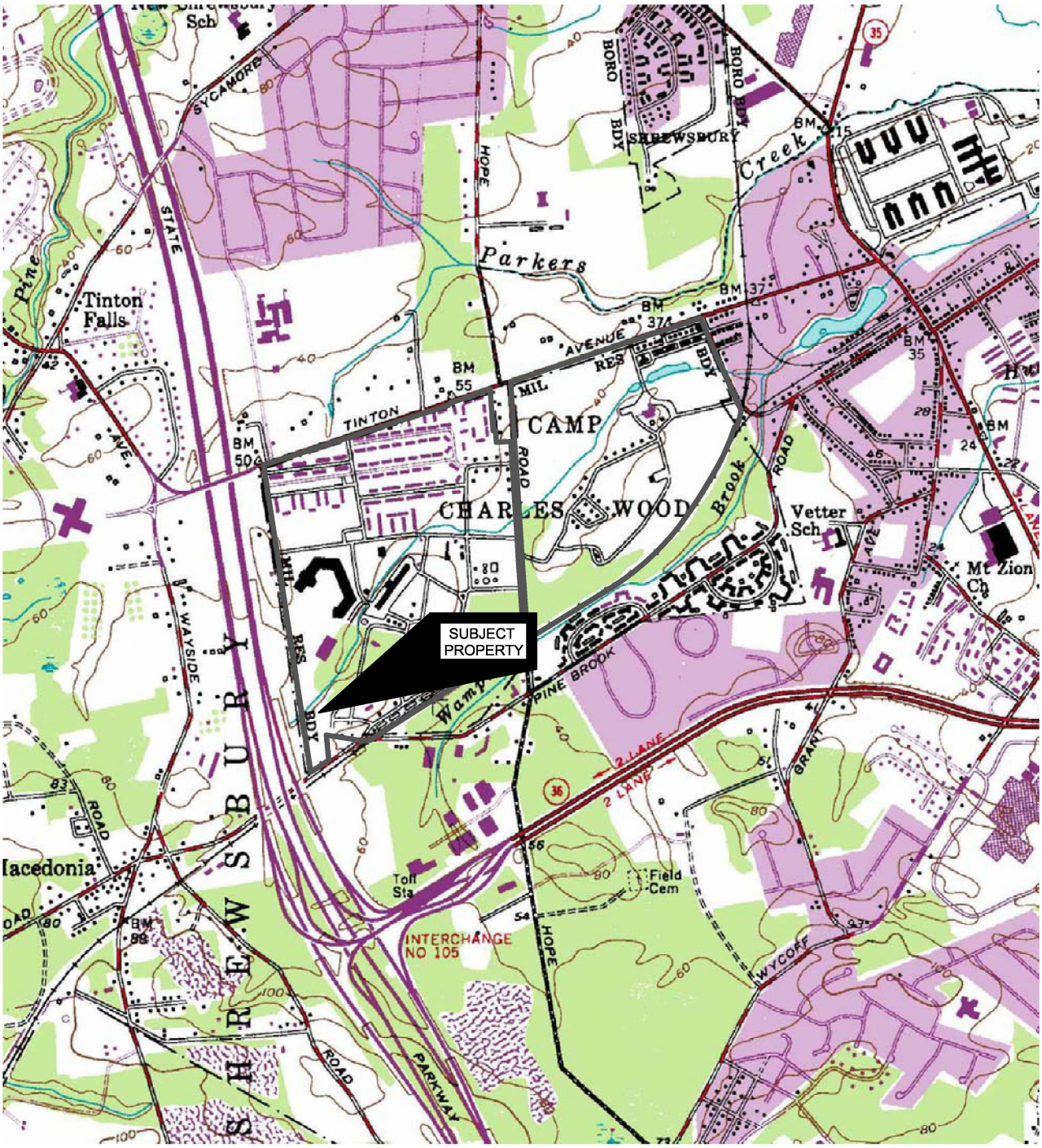
Exhibit B

Site Location Maps

EXHIBIT B

1.0 SITE LOCATION MAPS

CW-1 (FTMM-22) is located in Tinton Falls, Monmouth County, New Jersey (Block 101, Lot 1). Pursuant to N.J.A.C. 7:26E-8.3(b) 3i and ii, Brinkerhoff provided a United States Geological Survey (USGS) Quadrangle Map (Figure B-1) and a Tax Map with Block and Lot (Figure B-2) for CW-1 (FTMM-22). Figure B-3 depicts the maximum extent of the CEA at the Site.



LONG BRANCH, N. J.
40073-C8-TF-024
1954
PHOTOREVISED 1981
DMA 6164 I SE-SERIES V822

NEW JERSEY
QUADRANGLE LOCATION

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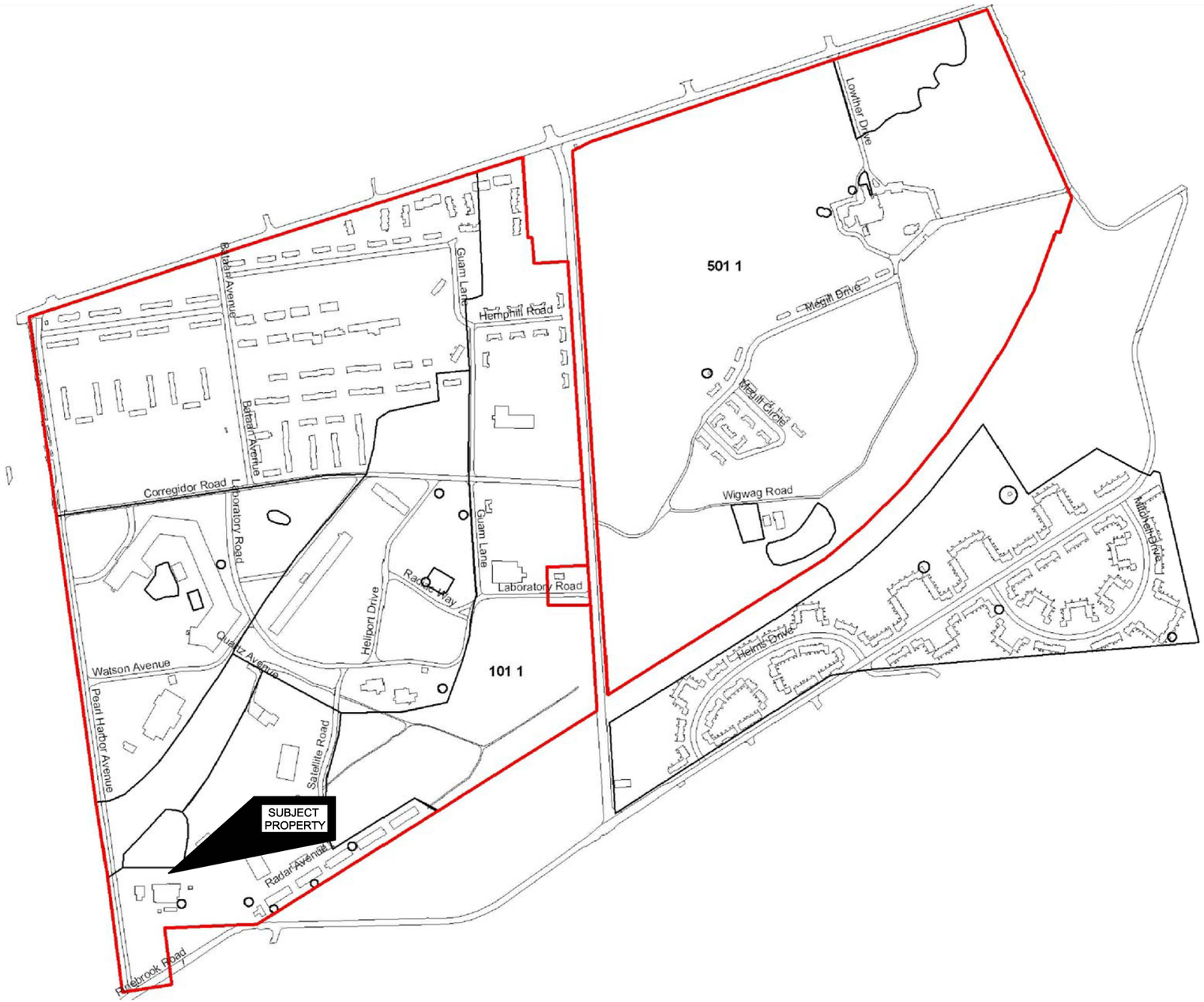
FIGURE B-1
U.S.G.S. TOPOGRAPHIC LONG BRANCH, NJ QUAD
US ARMY FORT MONMOUTH
CHARLES WOOD - CW3A AREA
FORT MONMOUTH, NEW JERSEY

DATE: 6/2/11	JOB NO.: 09BR116	SCALE: 1" = 2000′



0′ 350′ 700′

SCALE: 1"=700′

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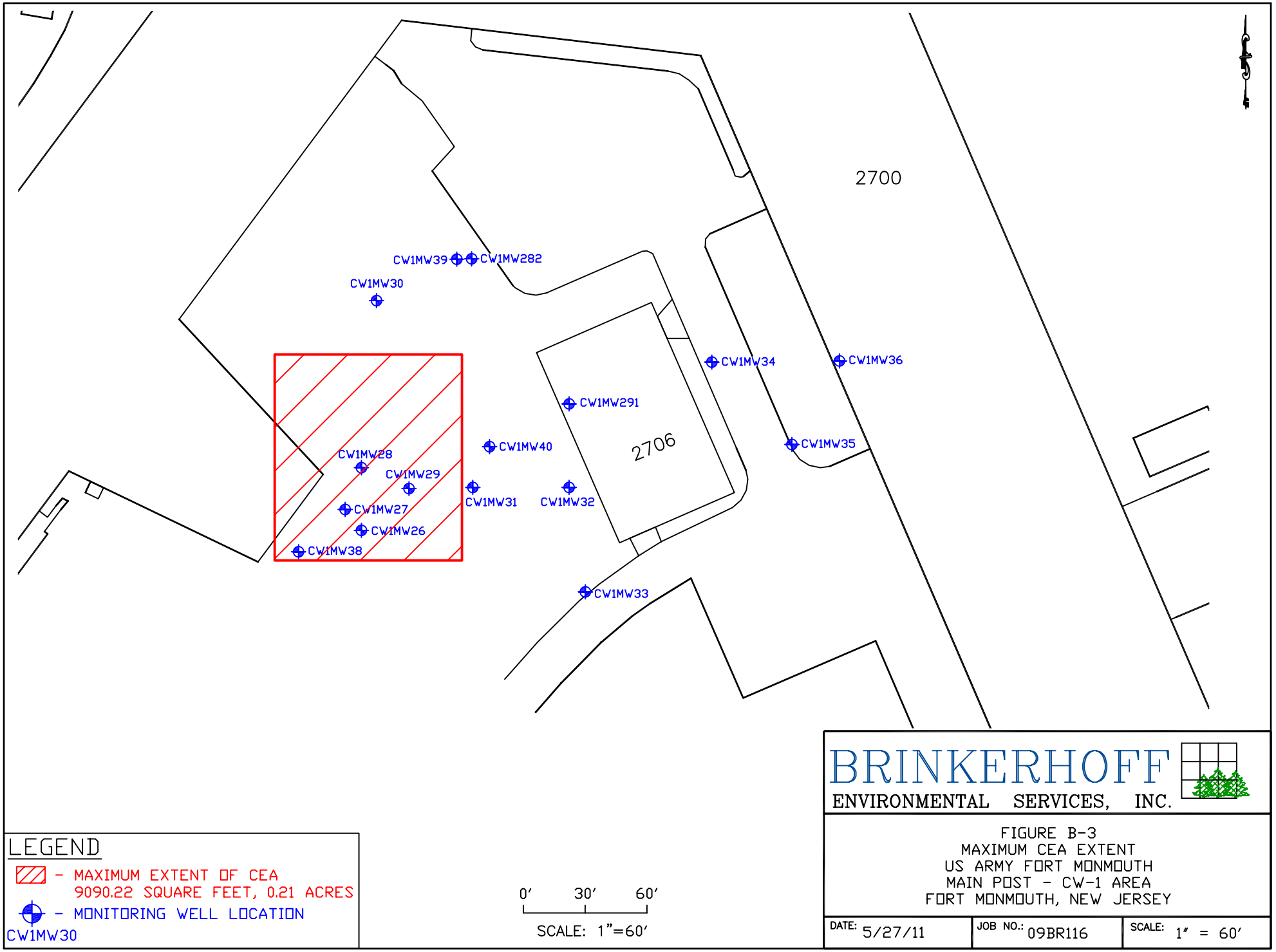
FIGURE B-2 - TAX MAP
US ARMY FORT MONMOUTH
CHARLES WOOD - CW-3A AREA
BLOCK 101, LOT 1
FORT MONMOUTH, NEW JERSEY

DATE: 6/3/11	JOB NO.: 09BR116	SCALE: 1″ = 700′



LEGEND

▨ - MAXIMUM EXTENT OF CEA
9090.22 SQUARE FEET, 0.21 ACRES

⊕ - MONITORING WELL LOCATION
CW1MW30

0′ 30′ 60′

SCALE: 1"=60′

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FIGURE B-3
MAXIMUM CEA EXTENT
US ARMY FORT MONMOUTH
MAIN POST - CW-1 AREA
FORT MONMOUTH, NEW JERSEY

DATE: 5/27/11	JOB NO.: 09BR116	SCALE: 1" = 60′

Exhibit C

Site Map and Cross Section

EXHIBIT C

1.0 CLASSIFICATION EXCEPTION AREA (CEA) BASIS

The New Jersey Department of Environmental Protection (NJDEP) requires that the CEA application specify the constituents that will require an exception to the NJDEP's Ground Water Quality Standards (GWQS). These are constituents necessitating the institution of a CEA because they are either currently detected or are anticipated to be detected in the future at concentrations exceeding applicable NJDEP GWQS.

A summary of the Site constituents exceeding NJDEP GWQS is provided on Tables C-1 and C-2, provided within this Exhibit. Ground water quality data are collected at the Site as part of the long-term monitoring plan. Since the establishment of the CEA is based upon current ground water conditions and the prediction of future ground water conditions, Tables C-1 and C-2 present only the most recent analytical data set from the August 2010 sampling event, which was used to estimate the extent of the CEA. Data from the most recent sampling round (August 2010) indicate that four constituents, one volatile organic compound (VOC) and three metals, exceeded NJDEP GWQS.

As presented in Exhibit A of this report, the metals are likely a natural background condition. Therefore, the VOC, trichloroethene (TCE) is the only constituent in which the associated fate and transport modeling included in this report is based. Fate and transport modeling results for TCE are presented at the wells with the greatest detected concentrations (Exhibit C, Figures C-8 and C-9), along with historical measured data. The decreasing 2000 to 2010 modeled results show the fate and transport model calibration, and the year when the concentration in the hot spot decreases below the NJDEP GWQS.

The CEA duration for TCE is two years (August 2010 to August 2012). The CEA duration for lead is indeterminate.

2.0 EXTENT OF THE CLASSIFICATION EXCEPTION AREA (CEA)

The vertical extent of the Site CEA includes the shallow part of the aquifer beneath the Site and it extends from the water table, about nine feet below ground surface (bgs) to approximately 20 feet bgs (Exhibit C, Figure C-10), which represents the total depth of the TCE contaminated wells at the Site. Due to lead, the vertical extent of the CEA extends into the deep part of the aquifer, approximately 50 feet bgs.

The plan-view map of the current CEA is provided as Exhibit C, Figure C-13. This CEA was determined from the following data:

- The existing monitoring well network and August 2010 data (the shallow wells screened at different elevations in the aquifer beneath the Site, about 20 feet bgs);

Exhibit C, Figure C-7 shows the August 2010 measured VOC TCE concentration distribution and the plume exceeding NJDEP GWQS, and

- No active remediation.

Exhibit C, Table C-4 and Figure C-14, present the CEA extent variation with time calculated based upon the August 2010 CEA extent and TCE depletion. As it can be observed from Table C-4 and Figure C-14, the August 2010 CEA extent is varying with time due to the fate and transport mechanisms (no source, advection, dispersion, diffusion, and degradation).

The August 2010 CEA extent, as presented on Exhibit C, Figure C-13, is approximately 0.15 acres.

For the 2012 Biennial Certification Monitoring Report of the Site Ground Water CEA, the August 2010 CEA extent will be updated and the 2010-2012 monitoring data will be used to confirm the fate and transport modeling results.

3.0 SITE MAPS AND CROSS SECTIONS

Pursuant to N.J.A.C. 7:26E-8.3(b) 3iii through v, Brinkerhoff provided the following items in this exhibit (Exhibit C):

- Figure C-1: Site Location Aerial – Classification Exception Area
- Figure C-2: Antimony in Shallow GW – 2010 Spatial Distribution
- Figure C-3: Antimony in Deep GW – 2010 Spatial Distribution
- Figure C-4: Arsenic in Deep GW – 2010 Spatial Distribution
- Figure C-5 Lead in Deep GW – 2010 Spatial Distribution
- Figure C-6: TCE in Ground Water – 2000 Spatial Distribution
- Figure C-7: TCE in Ground Water – August 2010 Spatial Distribution
- Figure C-8: TCE in Ground Water – CW1MW28 Temp. Distribution
- Figure C-9: TCE in Ground Water – CW1MW29 Temp. Distribution
- Figure C-10: Generalized Site Cross-Section
- Figure C-11: Shallow GW Elevation Contours and Flow Directions
- Figure C-12: Deep GW Elevation Contours and Flow Directions
- Figure C-13: August 2010 CEA Extent
- Figure C-14: CEA Extent Variation with Time

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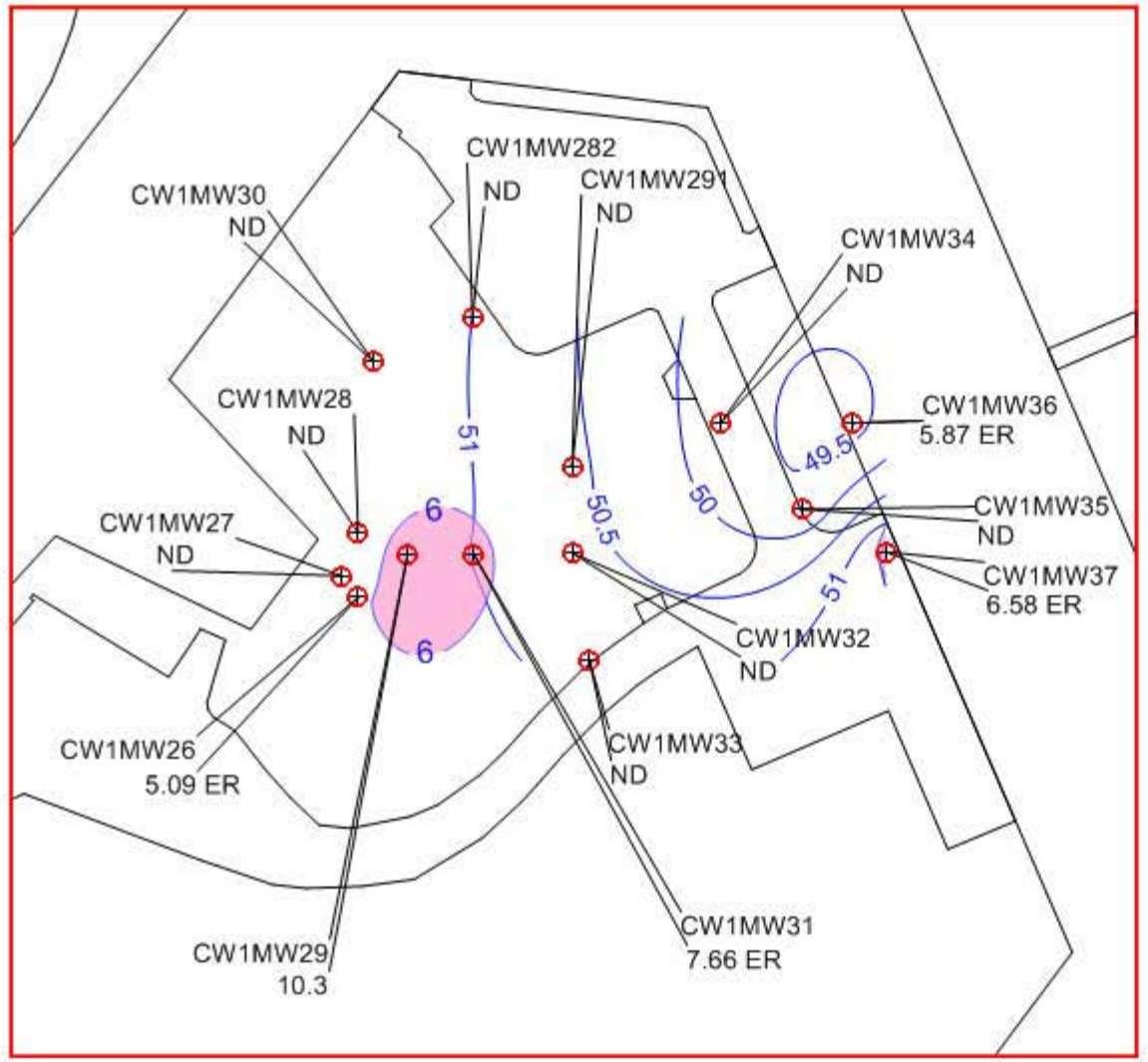
FIGURE - C-1 SITE LOCATION AERIAL
CLASSIFICATION EXCEPTION AREA
CW-1 (FTMM-22)
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



Legend:

Antimony 6 ug/L NJDEP GWQS is exceeded in three samples - it is considered background.

Ground water elevation contours.
October 2010 measured data.

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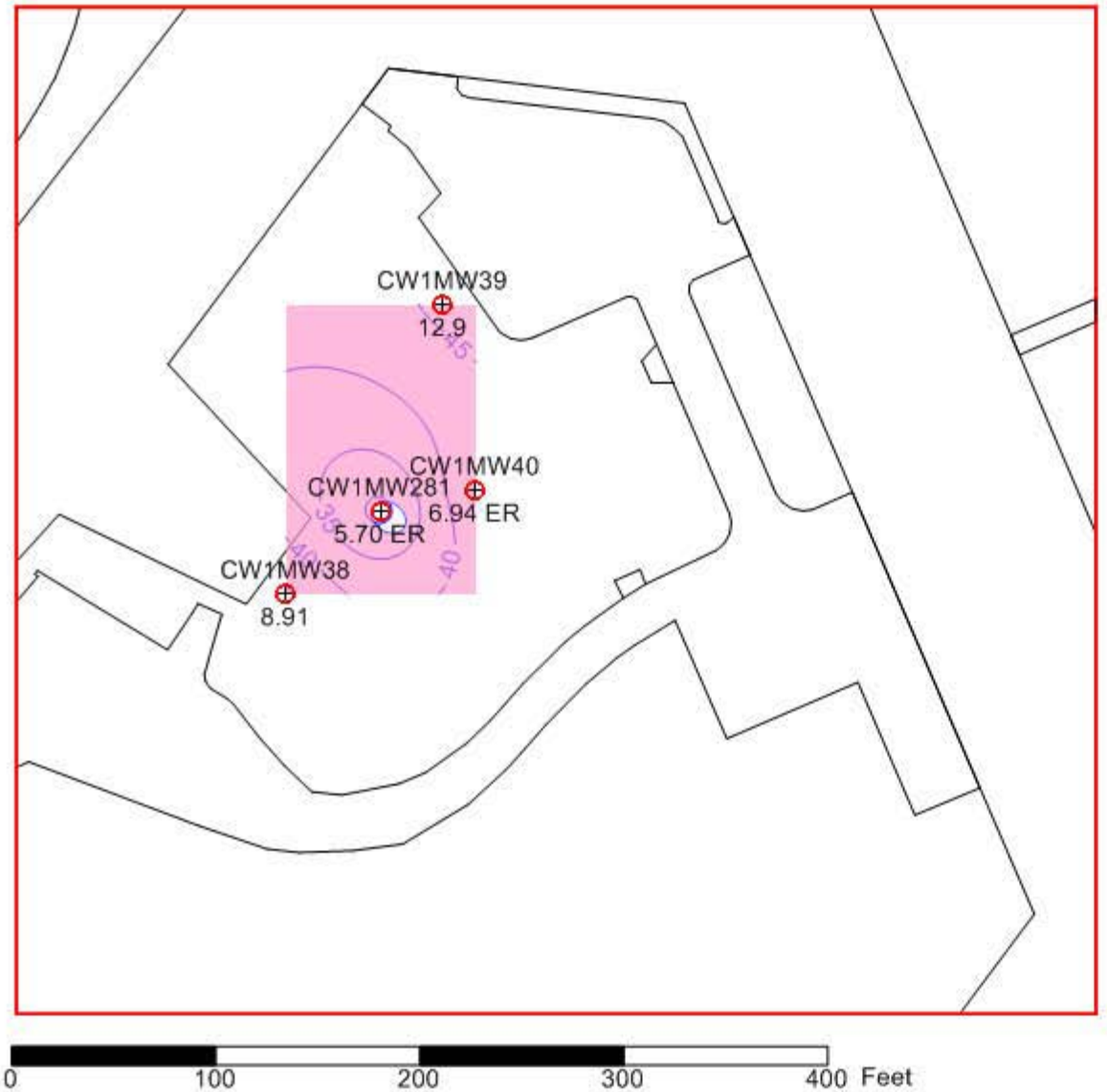
FIGURE C-2 ANTIMONY IN SHALLOW GROUND WATER
2010 SPATIAL DISTRIBUTION
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



Legend:

Antimony 6 ug/L NJDEP GWQS is exceeded in three samples - it is considered background.

Ground water elevation contours.
October 2010 measured data.

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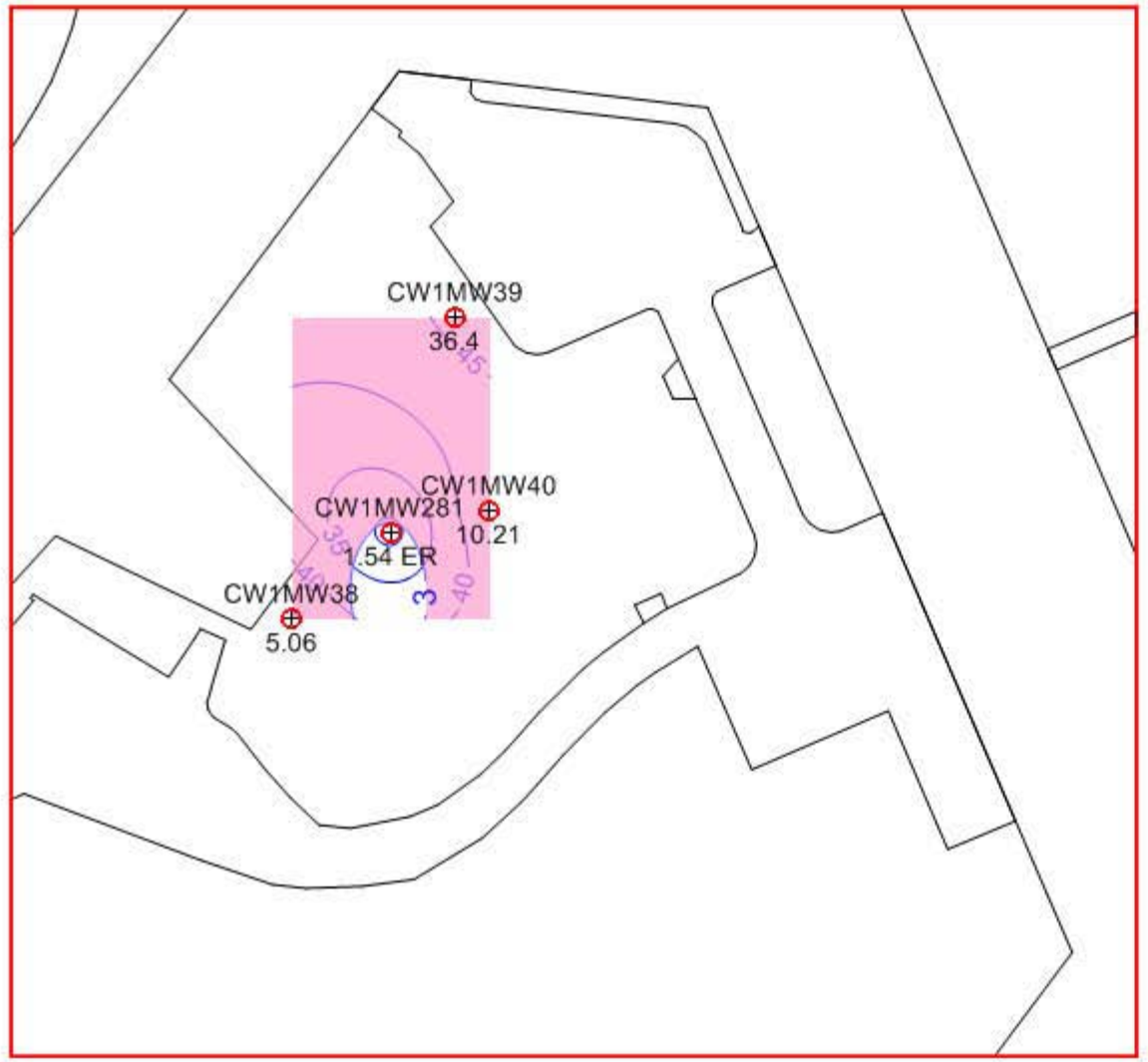
FIGURE C-3 ANTIMONY IN DEEP GROUND WATER
2010 SPATIAL DRISTRIBUTION
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



0 100 200 300 400 Feet

Legend:

Arsenic 3 ug/L NJDEP GWQS is exceeded in three samples - it is considered background.

Ground water elevation contours.
October 2010 measured data.

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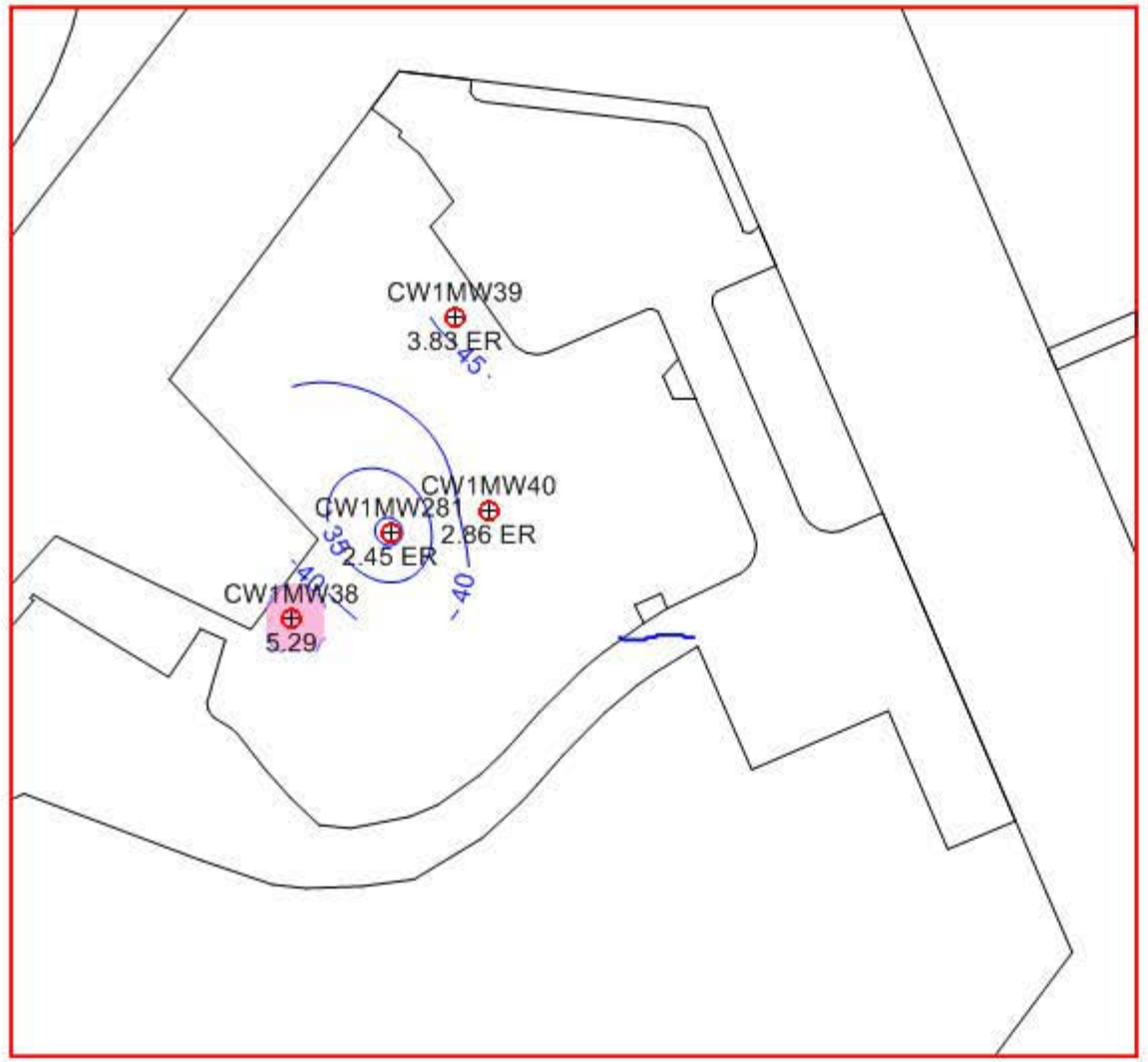
FIGURE C-4 ARSENIC IN DEEP GROUND WATER
2010 SPATIAL DISTRIBUTION
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



Legend:

Lead 5 ug/L NJDEP GWQS is exceeded in one sample - it is considered background.

Ground water elevation contours.
October 2010 measured data.

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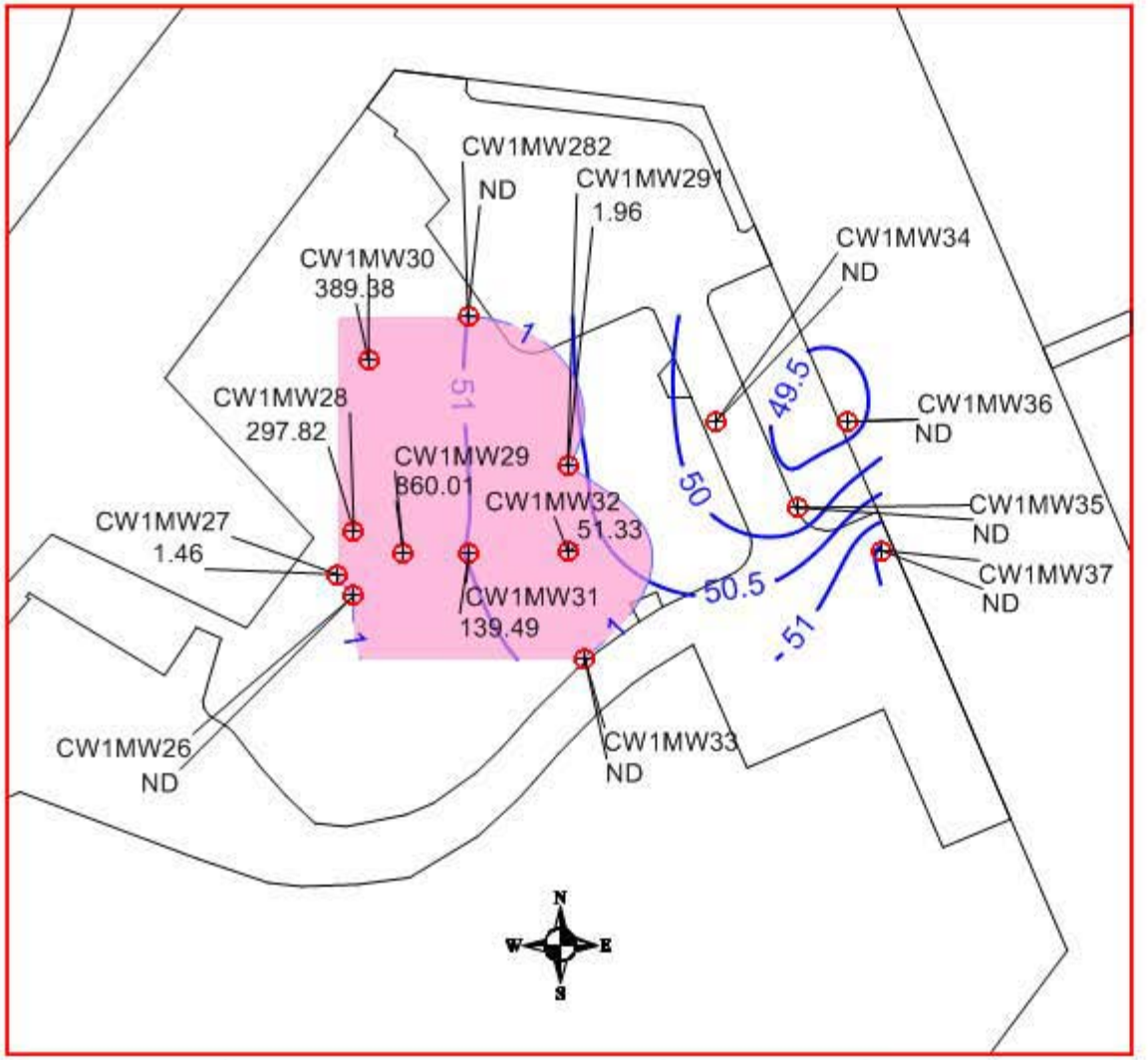
FIGURE C-5 LEAD IN DEEP GROUND WATER
2010 SPATIAL DISTRIBUTION
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



Legend:

2000 TCE 1 ug/L plume
(A ~ 40,000 sq. ft.)

Ground Water Elevation Contours
October 2010 measured data.

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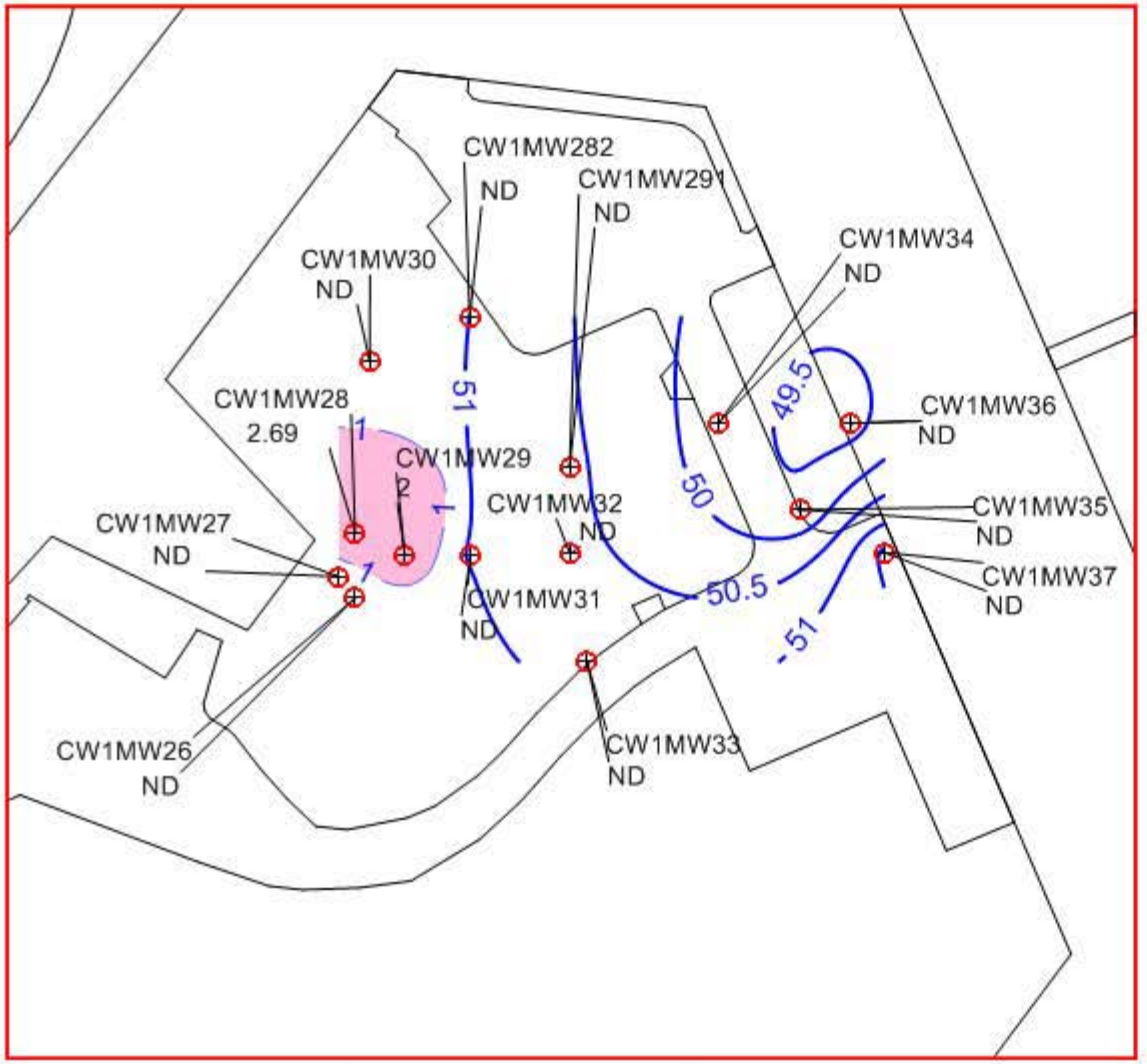
FIGURE C-6 TCE IN GW - 2000 SPATIAL DISTRIBUTION
SHALLOW AQUIFER
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



Legend:

August 2010 TCE 1 ug/L plume
(A ~ 6,400 sq. ft.)

Ground Water Elevation Contours
October 2010 measured data.

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FIGURE C-7 TCE IN GW - 2010 SPATIAL DISTRIBUTION
SHALLOW AQUIFER
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP

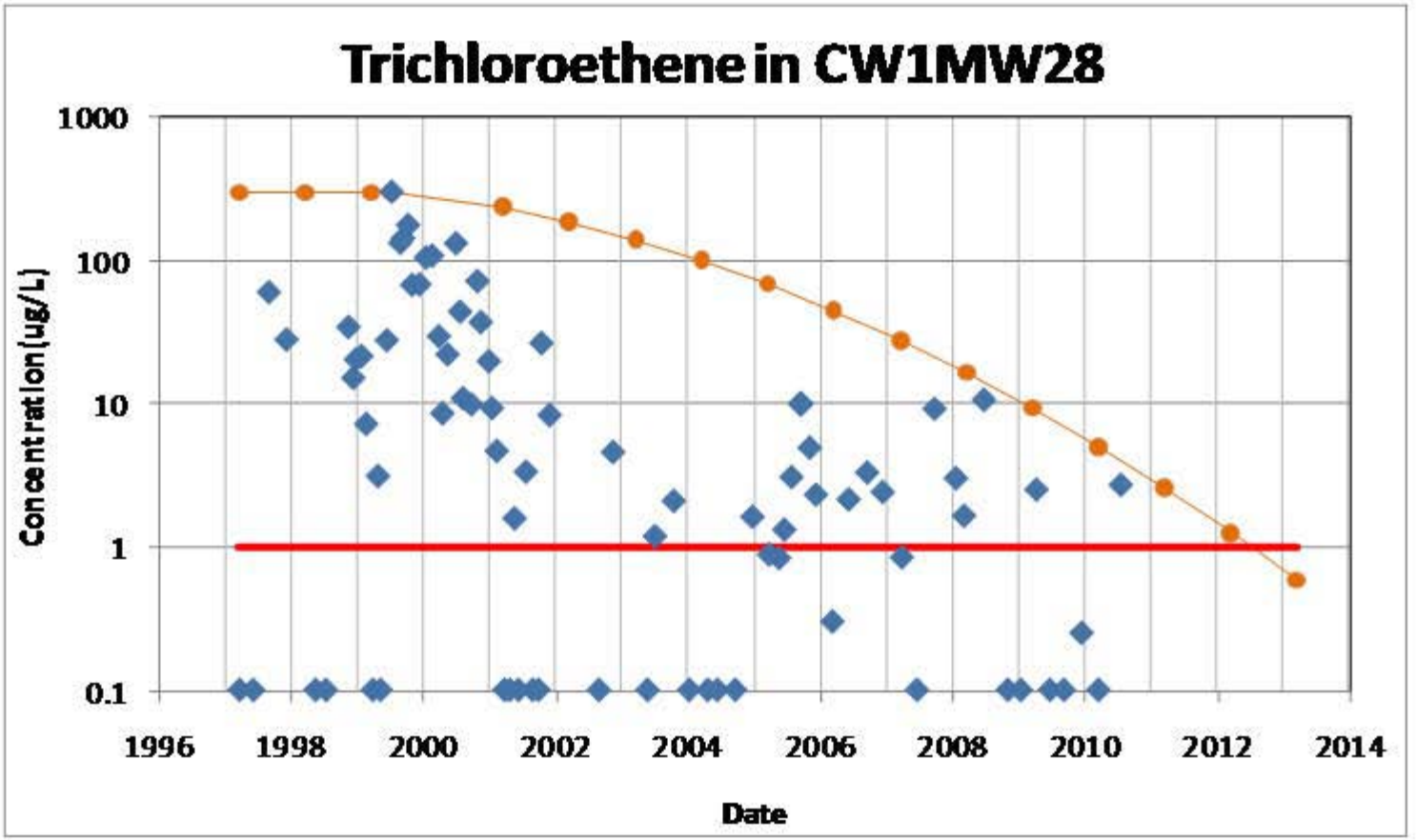

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FIGURE C-8 TCE IN GW - CW1MW28 TEMPORAL DISTRIBUTION
SHALLOW AQUIFER
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP

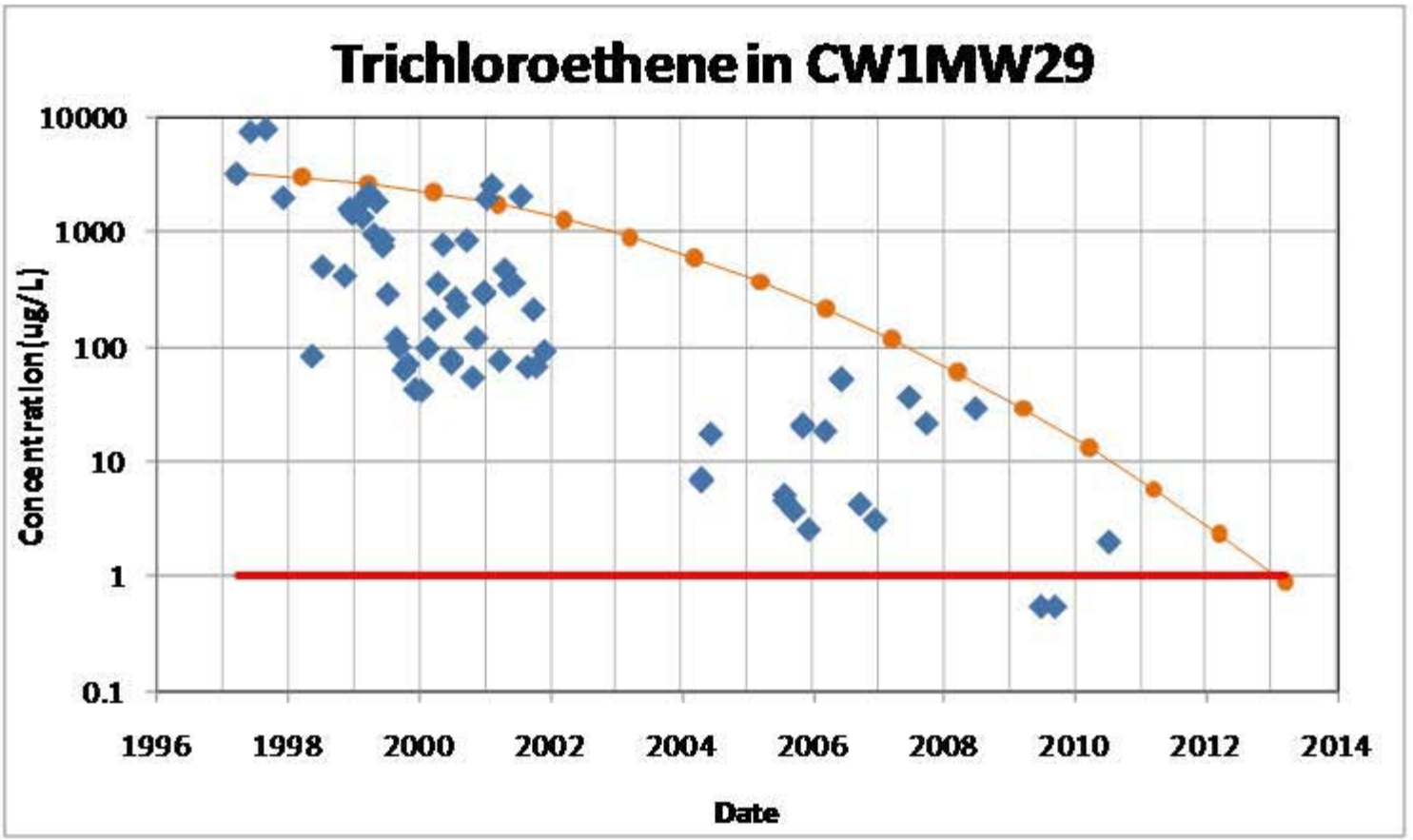

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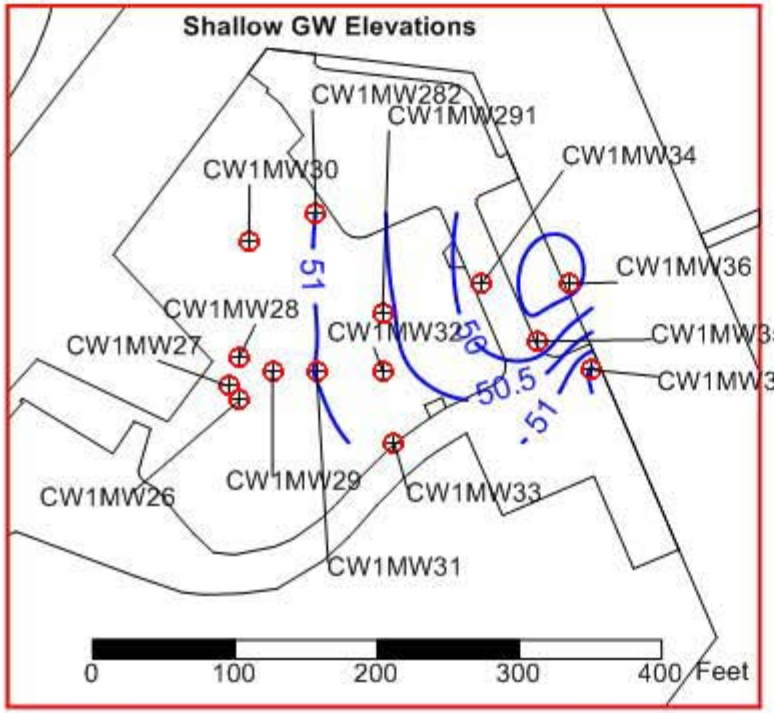
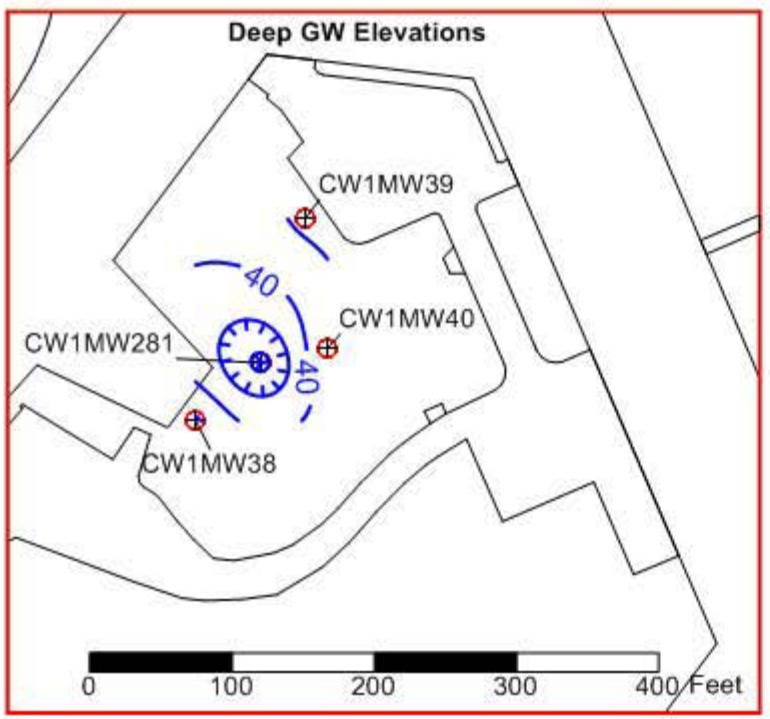
FIGURE C-9 TCE IN GW - CW1MW29 TEMPORAL DISTRIBUTION
SHALLOW AQUIFER
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP





GENERALIZED CROSS-SECTION

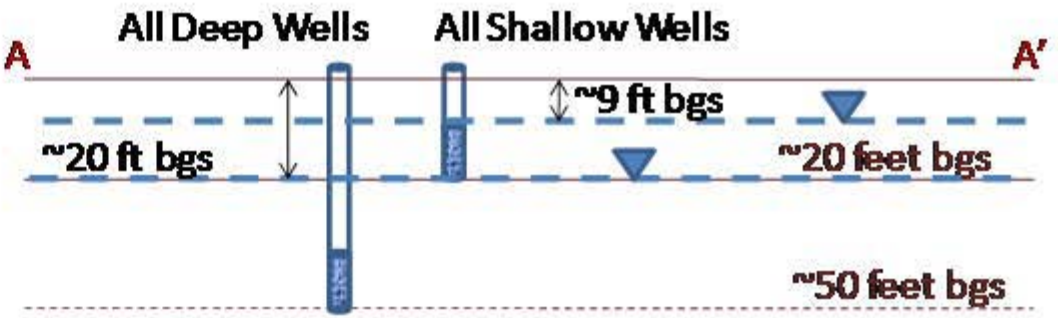


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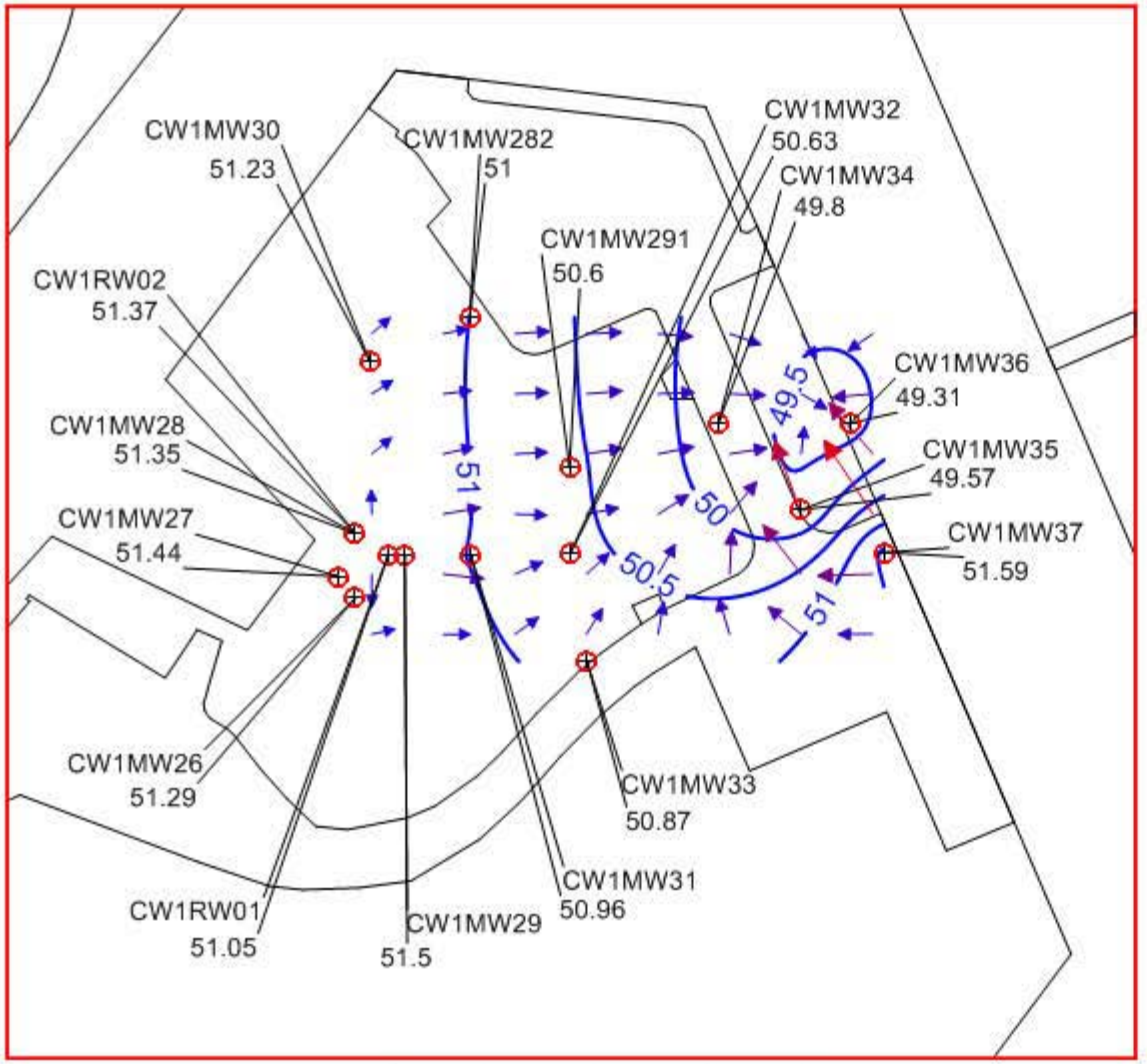
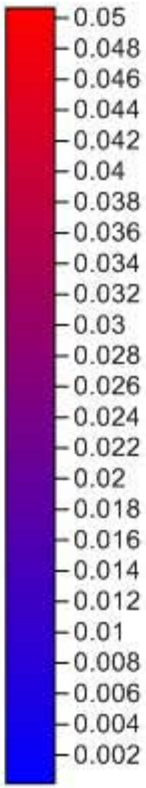
FIGURE C-10 GENERALIZED SITE CROSS-SECTION
CLASSIFICATION EXCEPTION AREA
CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



Note:
September - October 2010 measured data
Hydraulic gradient: ~0.002 to ~0.05 feet/feet



Color scale for hydraulic gradient magnitude

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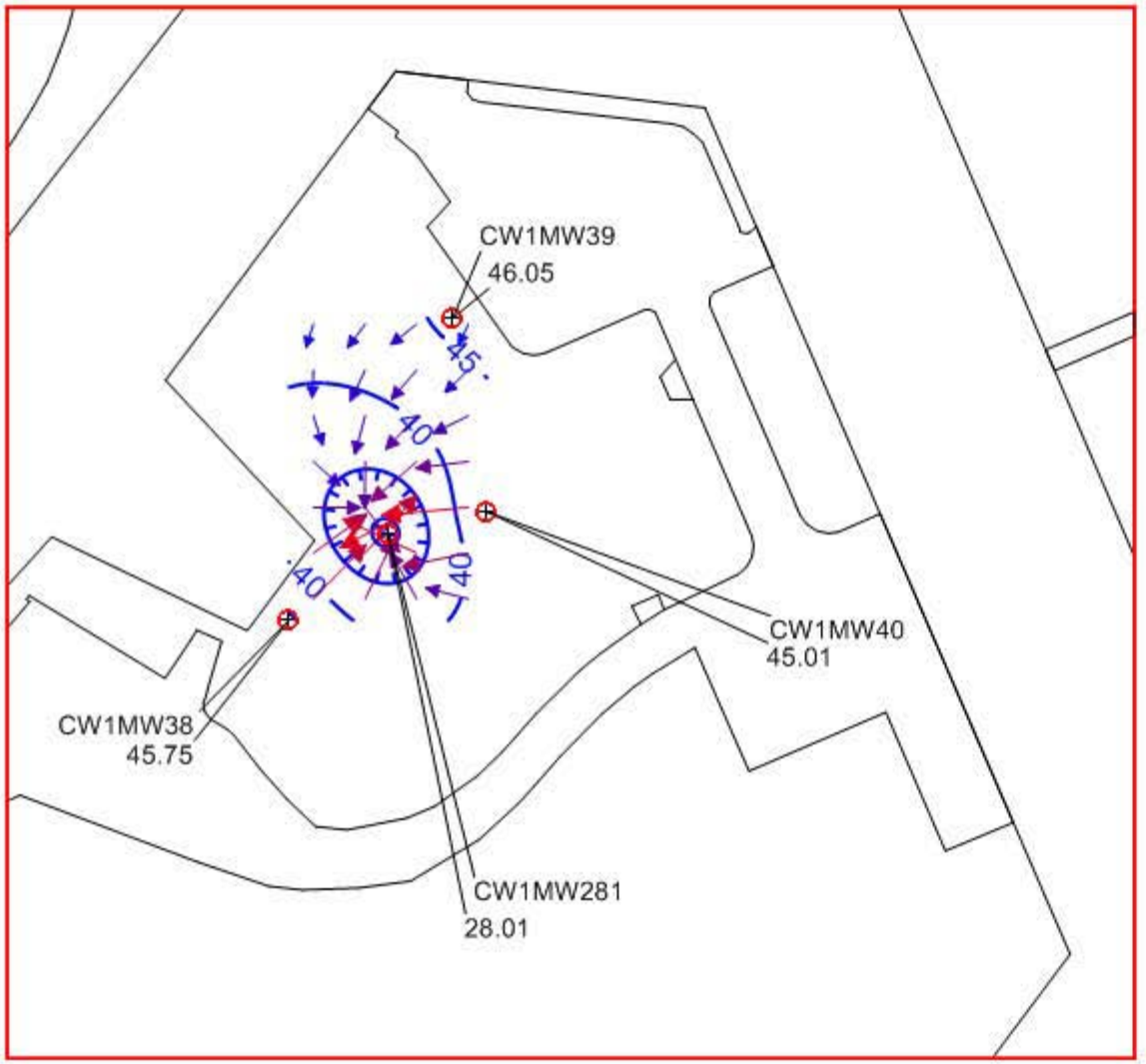
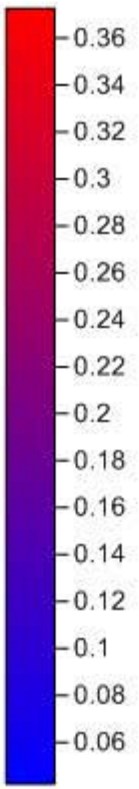
FIGURE C-11 GROUND WATER ELEVATION CONTOURS
AND FLOW DIRECTIONS - SHALLOW AQUIFER
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



0 50 100 150 200 Feet

Note:
September - October 2010 measured data
Hydraulic gradient: ~0.06 to ~0.36 feet/feet



Color scale for hydraulic gradient magnitude

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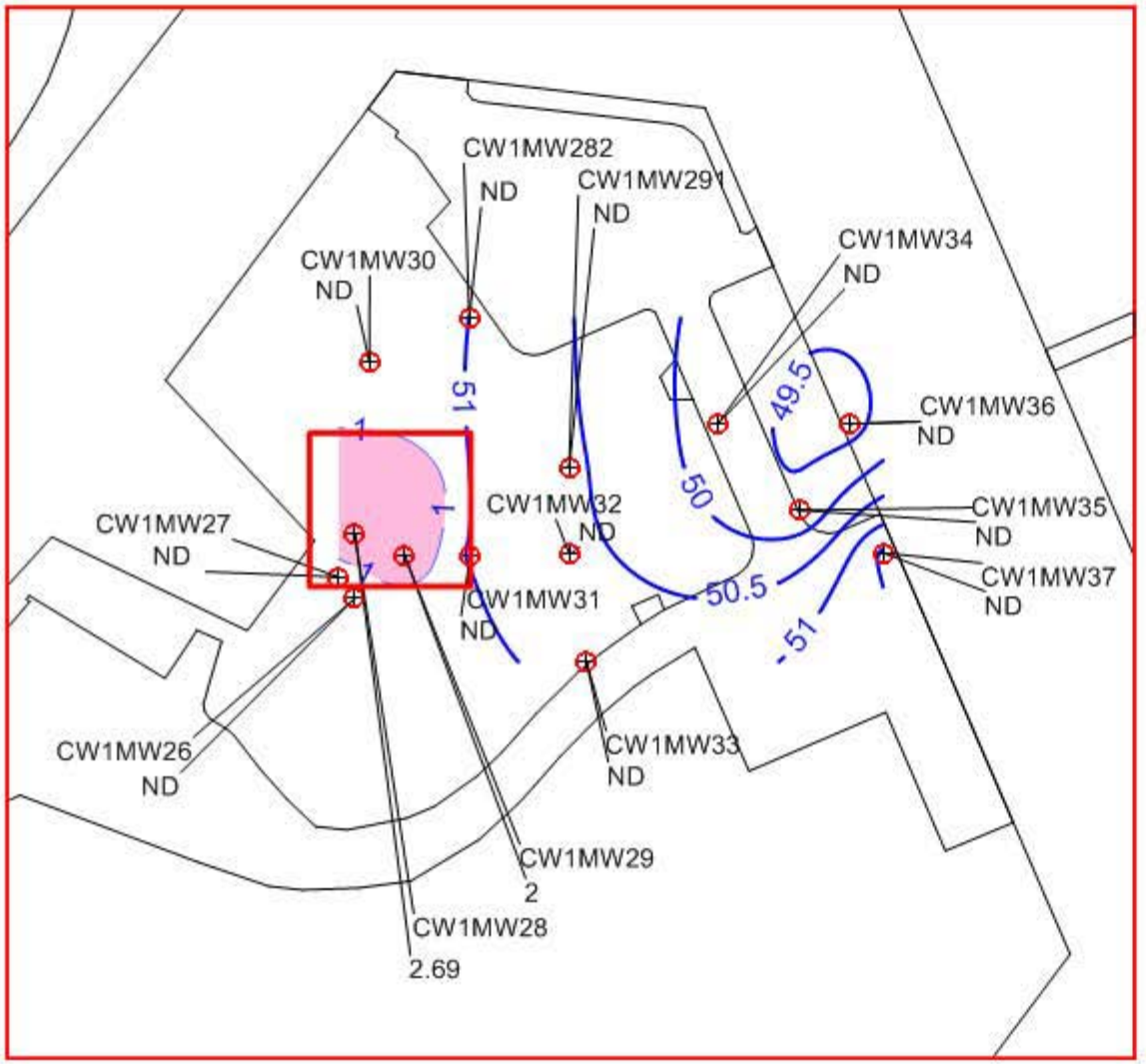
FIGURE C-12 GROUND WATER ELEVATION CONTOURS
AND FLOW DIRECTIONS - DEEP AQUIFER
CLASSIFICATION EXCEPTION AREA - CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP



Legend:

August 2010 CEA based on August 2010 measured data.
Area: TCE (~ 6,400 sq. ft.)

Ground Water Elevation Contour - October 2010 measured data.

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FIGURE C-13 AUGUST 2010 CEA EXTENT
CLASSIFICATION EXCEPTION AREA
CW-1 (FTMM-22) AREA
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/18/11	09BR116	SEE MAP

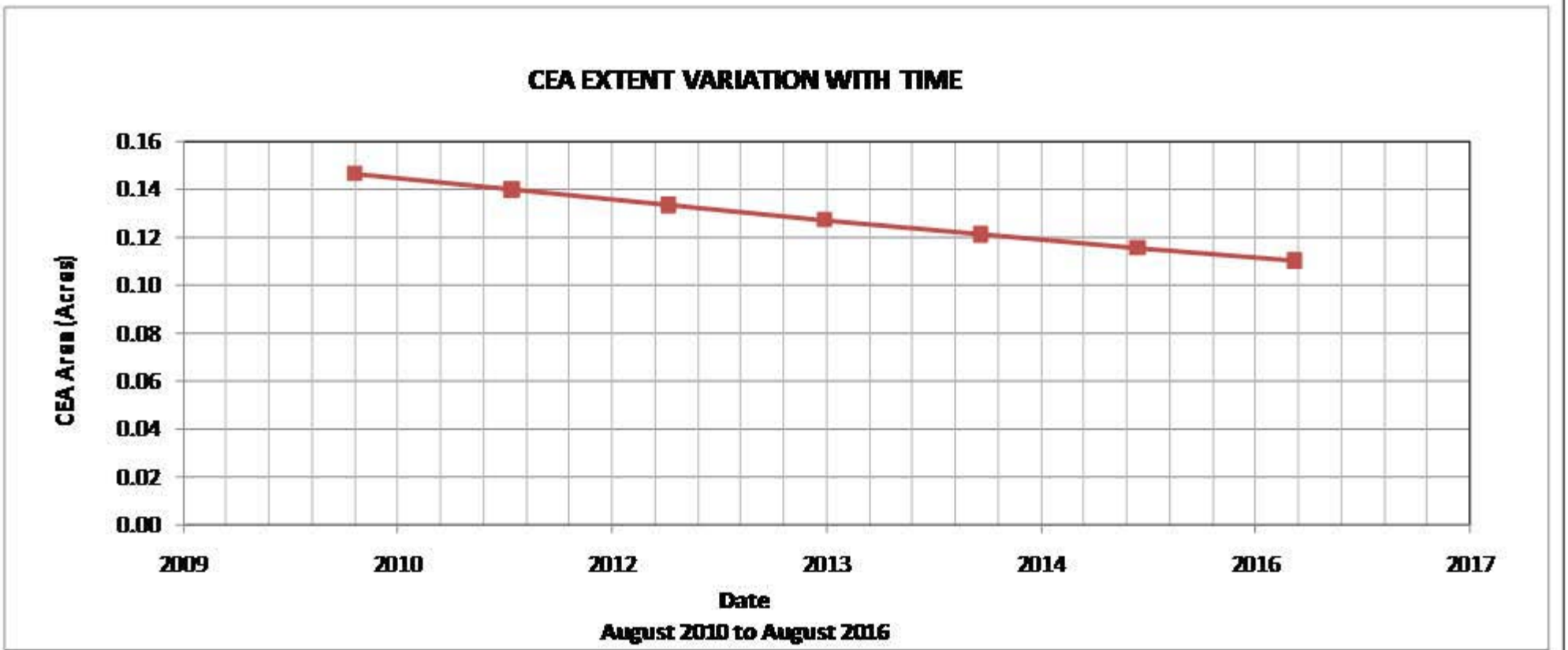

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FIGURE - C-14 CEA EXTENT VARIATION WITH TIME
CLASSIFICATION EXCEPTION AREA
CW-1 (FTMM-22)
US ARMY FORT MONMOUTH - CHARLES WOOD POST
FORT MONMOUTH, MONMOUTH COUNTY, NEW JERSEY

DATE:	JOB NO.:	SCALE:
5/12/11	09BR116	SEE MAP

Table C - 1:
Metals Exceeding NJDEP GWQS
August 2010 Data
CW - 1 (FTMM-22)
Fort Monmouth, New Jersey

Well_ID	Aquifer	X (feet - NAD 83)	Y (feet - NAD 83)	Date Collected	Lab_ID	Antimony (ug/L)	Arsenic (ug/L)	Lead (ug/L)	Total Depth (feet bgs)
New Jersey Groundwater Quality Standards (NJ GWQS)						**6**	**3**	**5**	
CW1MW26	Shallow	607087.71	532932.46	8/10/2010	10338.04	5.09 ER	ND	ND	15
CW1MW27	Shallow	607079.91	532942.54	8/11/2010	10338.05	ND	ND	ND	15
CW1MW28	Shallow	607087.57	532962.81	8/25/2010	10362.08	ND	1.00 ER	ND	15
CW1MW282	Shallow	607141.33	533064.25	8/11/2010	10338.07	ND	ND	ND	16
CW1MW29	Shallow	607110.86	532952.80	8/11/2010	10338.09	**10.3**	0.810 ER	ND	15
CW1MW291	Shallow	607188.15	532993.64	8/17/2010	10346.08	ND	0.680 ER	ND	16
CW1MW30	Shallow	607094.40	533043.80	8/11/2010	10338.06	ND	ND	ND	17
CW1MW31	Shallow	607141.85	532952.95	8/11/2010	10338.08	**7.66 ER**	ND	ND	19
CW1MW32	Shallow	607188.33	532953.17	8/27/2010	10367.01	ND	ND	ND	22
CW1MW33	Shallow	607196.32	532902.61	8/17/2010	10346.04	ND	1.08 ER	ND	20
CW1MW34	Shallow	607257.78	533014.20	8/17/2010	10346.06	ND	0.090 ER	ND	20
CW1MW35	Shallow	607296.71	532973.91	8/17/2010	10346.05	ND	0.680 ER	ND	20
CW1MW36	Shallow	607319.77	533014.49	8/17/2010	10346.07	5.87 ER	0.860 ER	ND	20
CW1MW37	Shallow	607335.55	532953.85	8/17/2010	10346.09	**6.58 ER**	1.13 ER	ND	20
CW1MW281	Deep	607103.06	532962.89	8/25/2010	10362.07	5.70 ER	1.54 ER	2.45 ER	41
CW1MW38	Deep	607056.76	532922.20	8/24/2010	10362.04	**8.91**	**5.06**	**5.29**	50
CW1MW39	Deep	607133.58	533064.22	8/25/2010	10362.05	**12.9**	**36.4**	3.83 ER	48
CW1MW40	Deep	607149.50	532973.22	8/25/2010	10362.06	**6.94 ER**	**10.21**	2.86 ER	50

Notes:
ND - Non-detect

Table C - 2: VOCs Exceeding NJDEP GWQS
August 2010 Data
CW - 1 (FTMM-22)
Fort Monmouth, New Jersey

Well_ID	Aquifer	X (feet - NAD 83)	Y (feet - NAD 83)	Date_Collected	Lab_ID	Trichloroethene (ug/L)	Total Depth (feet bgs)
New Jersey Groundwater Quality Standards (NJ GWQS)						**1**	
CW1MW26	Shallow	532932.46	607087.71	8/10/2010	10338.04	ND	15
CW1MW27	Shallow	532942.54	607079.91	8/11/2010	10338.05	ND	15
CW1MW28	Shallow	532962.81	607087.57	8/25/2010	10362.08	**2.69**	**15**
CW1MW282	Shallow	533064.25	607141.33	8/11/2010	10338.07	ND	16
CW1MW29	Shallow	532952.80	607110.86	8/11/2010	10338.09	**2**	**15**
CW1MW291	Shallow	532993.64	607188.15	8/17/2010	10346.08	ND	16
CW1MW30	Shallow	607094.40	533043.80	8/11/2010	10338.06	ND	17
CW1MW31	Shallow	532952.95	607141.85	8/11/2010	10338.08	ND	19
CW1MW32	Shallow	532953.17	607188.33	8/27/2010	10367.01	ND	22
CW1MW33	Shallow	532902.61	607196.32	8/17/2010	10346.04	ND	20
CW1MW34	Shallow	533014.20	607257.78	8/17/2010	10346.06	ND	20
CW1MW35	Shallow	532973.91	607296.71	8/17/2010	10346.05	ND	20
CW1MW36	Shallow	533014.49	607319.77	8/17/2010	10346.07	ND	20
CW1MW37	Shallow	532953.85	607335.55	8/17/2010	10346.09	ND	20
CW1MW281	Deep	532962.89	607103.06	8/25/2010	10362.07	ND	41
CW1MW38	Deep	532922.20	607056.76	8/24/2010	10362.04	ND	50
CW1MW39	Deep	533064.22	607133.58	8/25/2010	10362.05	ND	48
CW1MW40	Deep	532973.22	607149.50	8/25/2010	10362.06	ND	50

Notes:
ND - Non-detect

Table C - 3: Groundwater Elevation/Head
October 2010 Data
CW - 1 Area
Fort Monmouth, New Jersey

Well	X (feet NAD 83)	Y (feet NAD 83)	Total Well Depth (feet bgs)	Model Layer	October 2010 Elevation/Head (feet amsl)	DTW (feet below TOC)	INSTALLATION DATE	CASING LENGTH (feet)	SCREEN LENGTH (feet)
CW1MW26	607087.71	532932.46	15	1	51.29	9.52	12/19/1994	5	10
CW1MW27	607079.91	532942.54	15	1	51.44	9.41	12/19/1994	5	10
CW1MW28	607087.57	532962.81	15	1	51.37	7.72	12/19/1994	5	10
CW1MW282	607141.33	533064.25	16	1	51	9.29	5/2/1996	6	10
CW1MW29	607110.86	532952.80	15	1	51.5	6.9	12/19/1994	5	10
CW1MW291	607188.15	532993.64	16	1	50.6	11.61	5/3/1996	6	10
CW1MW30	607094.40	533043.80	17	1	51.23	10.7	7/13/2000	7	10
CW1MW31	607141.85	532952.95	19	1	50.96	10.51	7/17/2000	4	15
CW1MW32	607188.33	532953.17	22	1	50.63	11.55	7/17/2000	7	15
CW1MW33	607196.32	532902.61	20	1	50.87	11.4	7/17/2000	5	15
CW1MW34	607257.78	533014.20	20	1	49.8	8.83	7/17/2000	5	15
CW1MW35	607296.71	532973.91	20	1	49.57	8.52	7/18/2000	5	15
CW1MW36	607319.77	533014.49	20	1	49.31	9.39	7/18/2000	5	15
CW1MW37	607335.55	532953.85	20	1	51.59	7.62	7/18/2000	5	15
CW1RW01	607103.11	532952.77	23	1	51.05	7.32	4/17/2001	5	18
CW1RW02	607087.57	532962.81	23.5	1	51.35	7.4	1/4/2002	8.5	15
CW1MW281	607103.06	532962.89	41	2	28.01	30.19	5/2/1996	31	10
CW1MW38	607056.76	532922.20	50	2	45.75	16.18	7/11/2000	30	20
CW1MW39	607133.58	533064.22	48	2	46.05	15.46	7/10/2000	28	20
CW1MW40	607149.50	532973.22	50	2	45.01	17.34	7/14/2000	30	20

Table C-4: CEA Extent Variation with Time
CW-1 (FTMM-22)
Fort Monmouth, New Jersey

Year	CEA Area (acres)	
	TCE	
2010	0.15	
2011	0.14	
2012	0.13	
2013	0.13	
2014	0.12	
2015	0.12	
2016	0.11	
Average CEA =	**acres**	**0.13**
	sq. feet	**5,576**

Exhibit D

Vertical Contaminant Data

EXHIBIT D

1.0 VERTICAL CONTAMINANT DATA

Pursuant to N.J.A.C. 7:26E-8.3(b)3 iii, iv, and v, Brinkerhoff Environmental Services, Inc. has provided vertical contaminant data for the CW-1 (FTMM-22), Table D-1. The vertical extent of the Site CEA includes the shallow part of the aquifer beneath the Site, and it extends from the water table, approximately 9 ft bgs, to approximately 20 feet bgs, which represents the total depth of the TCE contaminated wells at the Site. Due to lead, the vertical extent of the CEA extends into the deep part of the aquifer, approximately 50 feet bgs.

There is no known clean water lens as TCE contamination is believed to be at water table elevation.

Table D - 1
Vertical Contaminant Data
Building CW-1
Fort Monmouth, New Jersey
10/6/2010

Well ID	Water Table		Approximate Bottom of		Top of Plume		Thickness of Clean Water	
	Feet bgs	Feet msl	Feet bgs	Feet msl	Feet bgs	Feet msl	Feet bgs	Feet msl
CW1MW26	9.52	51.29	15	45.81	9.52	51.29	NA	NA
CW1MW27	9.41	51.44	15	45.85	9.41	51.44	NA	NA
CW1MW28	7.72	51.37	15	44.09	7.72	51.37	NA	NA
CW1MW281	30.19	28.01	41	17.20	30.19	28.01	NA	NA
CW1MW282	9.29	51	16	44.29	9.29	51	NA	NA
CW1MW29	6.9	51.5	15	43.40	6.9	51.5	NA	NA
CW1MW291	11.61	50.6	16	46.21	11.61	50.6	NA	NA
CW1MW30	10.7	51.23	17	44.93	10.7	51.23	NA	NA
CW1MW31	10.51	50.96	19	42.47	10.51	50.96	NA	NA
CW1MW32	11.55	50.63	22	40.18	11.55	50.63	NA	NA
CW1MW33	11.4	50.87	20	42.27	11.4	50.87	NA	NA
CW1MW34	8.83	49.8	20	38.63	8.83	49.8	NA	NA
CW1MW35	8.52	49.57	20	38.09	8.52	49.57	NA	NA
CW1MW36	9.39	49.31	20	38.70	9.39	49.31	NA	NA
CW1MW37	7.62	51.59	20	39.21	7.62	51.59	NA	NA
CW1MW38	16.18	45.75	50	11.93	16.18	45.75	NA	NA
CW1MW39	15.46	46.05	48	13.51	15.46	46.05	NA	NA
CW1MW40	17.34	45.01	50	12.35	17.34	45.01	NA	NA
CW1RW01	7.32	51.05	23	35.37	7.32	51.05	NA	NA
CW1RW02	7.4	51.35	24	35.25	7.4	51.35	NA	NA

bgs - below ground surface
msl - mean sea level elevation

Exhibit E

Fate and Transport Description and Model Documentation

EXHIBIT E

1.0 Duration of Classification Exception Area (CEA)

Based upon the extensive historical monitoring data and on the fate and transport modeling performed for the site, the plume is contained and the contaminated area will diminish over time. Plume reduction (area and magnitude) is documented from the comparison between the historical measured data and the fate and transport modeling results (Exhibit C, Figures C-8 and C-9). A significant reduction has been observed from 2000 to 2010 data and a similar reduction is expected to be seen from 2010 onward.

The approach used to compute the duration of the CEA is based upon the following assumptions, parameters and modeling tools, as summarized below and presented in more detail in Attachment I:

1. Used a numerical, calibrated flow and transport model to simulate plume evolution with time.
2. Defined the appropriate flow and transport model parameters as follows:
   - Design Periods - The analysis considered plume evolution over a 12-year time interval. This time interval is separated into one-year design periods where, for each period, flow conditions were held constant, while contaminant fate and transport were computed.
   - No flow stresses were considered; recharge and constant head conditions were held constant during the design periods.
   - Initial Plume Distribution - The initial concentrations in the fate and transport model were based upon 2000 data and the contaminant depletion was calibrated based upon the historical 2000 to 2010 data to ensure that the simulated future plume distribution and magnitude are similar to the historical plume distribution and magnitude.
   - Source Mass Loading was not considered, in order to be consistent with the current conditions at the site.
   - CEA Characterization Compounds – Based upon the spatial distribution, magnitude, and New Jersey Department of Environmental Protection Ground Water Quality Standards (GWQS) for the following constituent: trichloroethene (TCE) with NJDEP GWQS of 1 ug/L.
   - Fate and Transport Parameters - Employed NJDEP chemical properties database and site-specific data to generate a calibrated flow and transport model.

3. Estimated total plume area variation with time using the numerical MT3D fate and transport model and the spatial plume definition: (a) vertically, by considering the shallow aquifer, 20 feet below ground surface (bgs); and (b) horizontally, by considering the areas where the two volatile organic compounds (VOCs) exceeded their respective NJDEP GWQS.

Exhibit C, Figures C-8 and C-9 present the results of the fate and transport modeling performed for the site at the wells with the greatest concentration to confirm concentration/plume depletion with time.

The CEA, defined as the area inside the outermost contour (NJDEP GWQS) is decreasing with time (Exhibit C, Table C-4 and Figure C-14). Figure C-14 presents the results shown in Figures C-8 and C-9, in terms of area (acres) over time (2010 through 2012). For each time step (one year in this case), the CEA acreage is computed and plotted (Table C-4). This analysis shows that for the site CEA duration of 2 years, the CEA extent can be represented by an average of 0.15 acres (6,400 square feet).

2.0 Written and Mapped Description of the Classification Exception Area (CEA)

New Jersey Administrative Code (N.J.A.C.) 7:26E-6.2(a) 17 requires submittal of a map of the CEA compatible with the NJDEP's Geographic Information Systems both as a paper hard copy and electronically by means of a computer disk. Exhibit B, Figure B-3 (combined lead and VOCs), with supporting written documentation provided above, represents a paper copy, and an electronic copy of the map of the CEA, as a .dwg file, is provided along with Metadata as Attachment II to this submittal.

3.0 References

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Attachment I

Groundwater Flow and Transport Modeling Documentation

Groundwater Flow and Transport Modeling

This Attachment provides the documentation pertaining to the Fort Monmouth Buildings CW-1 (FTMM-22) (the Site) groundwater flow and transport models that were used to assist with the CEA application.

Groundwater Flow Model

The Charles Wood MODFLOW Model (Brinkerhoff, 2010), which incorporates all current flow-related data (stratigraphy, water levels, river level, and well pumping rates), was telescope mesh-refined (TMR) to simulate groundwater flow at the Site. Details of the CW1 TMR MODFLOW Model, along with the Charles Wood MODFLOW model used to generate the CW1 TMR MODFLOW Model, are presented below.

MODFLOW Model Horizontal Domain and Grid: The domain and grid are shown on Figure I-1. In the Charles Wood MODFLOW Model, the grid cell size was chosen to be about 25 feet by 25 feet because the model was covering a larger area. In the CW1 TMR MODFLOW Model, the Charles Wood MODFLOW Model was cut horizontally to the Site area, and the grid was refined to be about five feet by five feet.

MODFLOW Model Vertical Discretization: Figure I-2a provides a conceptual view of the vertical discretization associated with the model. In reality, each model layer has a variable thickness where layer elevation is in general based upon boring log data and/or United States Geological Survey (USGS) reference materials. Since this information for the Site is available up to the Site's shallow/deep aquifer depth, only 20/50 feet bgs, the Charles Wood MODFLOW Model, was left unchanged.

Cross-sections through the Charles Wood Post MODFLOW Model and the CW1 TMR MODFLOW Model are provided on Figure I-2b.

MODFLOW Model Time Discretization – The model was set up to simulate steady state flow conditions for 20 years, between years 2000 and 2020.

MODFLOW Model Boundary Conditions (BC)

- Constant Head Boundaries: Figure I-3 shows the constant head boundary used in the models as blue cells. The values of the constant head boundary in the CW1 TMR MODFLOW Model were determined based upon October 2010 measured head data.

- Surface Water Body: Unnamed tributary of Parker Creek was modeled as a river boundary condition in the Charles Wood Model. The stage associated with the unnamed tributary of Parker Creek was derived based upon measured groundwater elevations at the wells located near the river. The conductance term of the river was estimated in the Charles Wood MODFLOW Model (Brinkerhoff, 2010). The unnamed tributary of Parker Creek was not included in the CW1 TMR MODFLOW Model, as shown in Figure I-3.

MODFLOW Model Infiltration from Precipitation: The magnitude is derived from measured data (Brinkerhoff, 2010). A uniform constant value of 4 in/yr (0.00091324 feet/day) was used in the Charles Wood MODFLOW model. In the CW1 TMR MODFLOW Model, the same recharge was used over the whole Site.

MODFLOW Model Hydraulic Conductivity Distribution – Model layers of interest, Layers 1 and 2, are homogeneous with the hydraulic conductivity values shown on Figure I-4. For Layer 1, a hydraulic conductivity of 0.5 ft/day was used in both, Charles Wood MODFLOW Model and CW1 TMR MODFLOW Model. For Layer 2, a hydraulic conductivity of 0.5 ft/day was used in both, Charles Wood MODFLOW Model and CW1 TMR MODFLOW Model.

MODFLOW Model Results

The groundwater elevation contours of the flow field at the Site, based upon measured data from October 2010, are presented on Figure I-5a.

The simulated heads from the Charles Wood MODFLOW Model and CW1 TMR MODFLOW Model are presented on Figure I-5b.

Figure I-5c presents particle tracking runs using the MODPATH Model, the particle-tracking post-processing package that was developed to compute three-dimensional flow paths using output from steady-state or transient groundwater flow simulations by MODFLOW.

MODFLOW Model Calibration

Figure I-6a presents the spatial distribution of the residuals (the differences between the measured and simulated heads) for the Charles Wood MODFLOW Model and CW1 TMR MODFLOW Model. The measured heads used for calibration are from the October 2010 sampling event.

Figure I-6b presents measured heads versus simulated heads graphs. As it can be seen on Figure I-6b, the calibration in the CW1 TMR MODFLOW Model was improved. This is also shown on Figure I-6c, presenting the residuals and the calculated residual mean square error (RMSE).

MODFLOW Model Sensitivity Analyses

Figure I-7 presents the sensitivity analyses of the CW1 TMR MODFLOW Model at the variation of different input parameters - horizontal hydraulic conductivity, vertical hydraulic conductivity, and recharge.

Groundwater Transport Model

Site operations have resulted in elevated concentrations of a constituent of possible concern (COPC), TCE in groundwater beneath the Site. The objective of this analysis is

to predict migration and future concentrations of these COPCs considering a monitored natural remediation (MNA) approach.

The MT3D computer code (Zheng and Wang 1998) developed by the United States Environmental Protection Agency (USEPA) was selected for solute transport modeling. The MT3D solute transport model uses the velocity field output from the MODFLOW groundwater flow model to predict movement of dissolved constituents by simulating the physical processes of advection, dispersion, adsorption, and biodegradation. MT3D was chosen for this modeling application because it is designed to be used in conjunction with MODFLOW (McDonald and Harbaugh 1988), and it uses the previously constructed Charles Wood MODFLOW Model designed for the Site (Brinkerhoff, 2010).

MT3D Model Transport Parameters

The simulation of solute migration requires specification of various transport parameters that control the rate, movement, mixing, adsorption, and degradation of a contaminant in the subsurface. Advection defines the process of contaminant migration due to the movement of groundwater. Dispersion accounts for the mixing of the contaminant in the groundwater due to nonideal flow paths in the aquifer medium. Adsorption refers to the partitioning of a contaminant between the liquid and solid phases of the aquifer. Degradation is the mass decay of a contaminant as a result of physical, chemical, and biological activity within the aquifer.

The solute transport simulations for the COPC at the Site was run with advection, dispersion, adsorption and biodegradation.

MT3D Model Advection

Simulation of advective transport requires a specification of the effective porosity to compute interstitial groundwater velocities. The effective porosity was assumed to be 25 percent (%), a reasonable value for the sands and the silty clays at the Site (USEPA 1989). The total porosity of the soils in the aquifer is estimated to be on the order of 35%. The difference, 10%, is typically considered to represent ineffective portions of a porous media, not affecting solute transport, because they do not affect the movement of the water.

MT3D Model Dispersion

The dispersion coefficients used in the model, as estimated based upon the plume spread at the Site (Gelhar 1992, USEPA 1985) are longitudinal, 5 feet, transverse, 0.5 feet, and vertical, 0.05 feet.

MT3D Model Adsorption

The retardation factor (R_f) is used by the solute transport model to represent the amount of adsorption of a constituent between the dissolved or solute phase and the aquifer matrix. Mathematically, the retardation can be expressed according to the following equation:

$$R_f = 1 + \frac{\rho_b \times K_d}{\theta_e}$$

Where ρ_b is the bulk density (1.5 kg/L), K_d is the soil to water partition coefficient (K_d = K_{oc} x f_{oc} in L/kg), and θ_e is the effective porosity (0.25). K_{oc} is the organic carbon partition coefficient (see the chemical specific values below), and f_{oc} is the fraction of organic carbon (0.01). The retardation calculated based upon the above assumptions is as follows:

Compound	**K_{oc} (L/kg)**	**K_d (L/kg)**	**Retardation**
TCE	166	1.66	11

MT3D Model Biodegradation

The change in mass of a constituent due to first-order degradation processes is represented mathematically as:

$$M = M_0 e^{-\lambda t}$$

Where M is the nondegraded mass at some time, t, M_0 is the initial mass and λ is the decay coefficient. The decay coefficient can be computed from the constituent half-life ($t_{1/2}$), the amount of time it takes 50% of the mass of the constituents to degrade, using the equation:

$$\lambda = \frac{\ln 2}{t_{1/2}}$$

The Site-specific half-life for the COC was quantified based upon historical site data. The modeled decay coefficient for TCE is as follows:

Compound	***Bio-Decay Half-Life (yrs)***	***Decay Coefficient (yrs^{-1})***
TCE	0.16	4.2
	0.03 (MW-28/MW-29)	25.3

The Site-specific degradation rate was determined (calibrated) to be different in the source area, due to possible geochemical modification from the wastewater treatment lime pit.

MT3D Model Initial Conditions

The initial conditions for concentration (September 2000) are defined by using an initial known concentration distribution and no source mass loading, to model the distribution for August 2010, using the Site-specific calibrated flow and transport model. This method provides a physically and numerically consistent initial condition for use in the predictive runs.

In Figure I-8a there are the concentration contour maps of the initial conditions, the measured maximum 2000 data, and in Figure I-8b there are the concentration contour maps of the measured August 2010 data, used for calibration.

MT3D Model Sources

Source conditions were not included in the model.

MT3D Model Calibration

The CEA duration and extent depend on the most conservative constituent, which here is TCE. Therefore, TCE simulated concentrations at 0 (August 2000), 10 years (August 2010), and 16 years (September 2016) are presented as iso-concentrations on Figures I-9a, I-9b and I-9c. Figure I-9b presents the simulated iso-concentrations for TCE in August 2010, which compare well with the iso-concentrations generated from August 2010 recent measured data presented on Figure I-8b.

MT3D Model Results

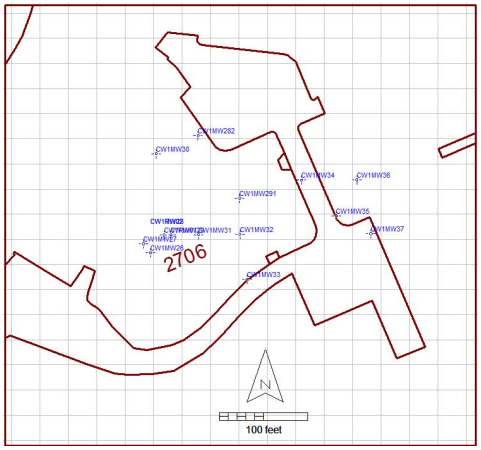
The simulation results for the future conditions are presented in the wells with the highest TCE concentrations, CW1MW28 and CW1MW29, in Figures I-10a and I-10b, along with the historical measured concentrations.

Figure I-9c present the TCE simulation results for future conditions, as iso-concentrations in years 2016.

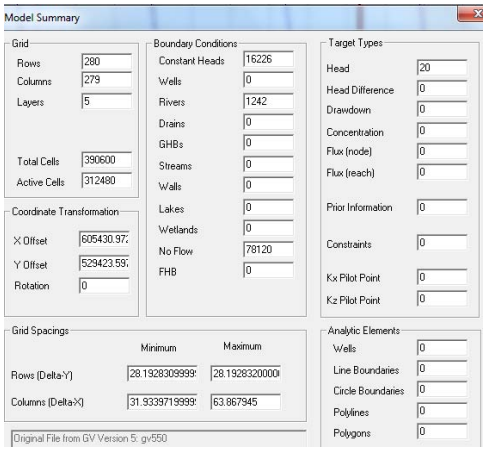
As it can be seen on all the figures which present the modeling results, the COPC, TCE, shows decreases in magnitude and extent.

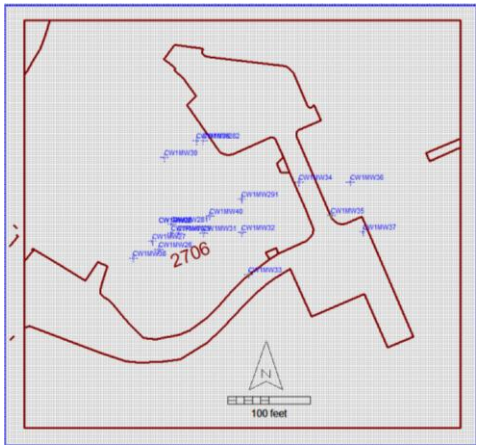
The September 2010 CEA extent on Figure I-11 is derived from the simulated MT3D/measured September 2010 concentrations, and covers an area of about 0.15 acres.

For the 2012 Biennial Certification monitoring report of the Site groundwater CEA, the September 2010 CEA extent will be updated and the 2010-2012 monitoring data will be used to confirm the fate and transport modeling results presented herein.



Charles Wood MODFLOW Model
~ 25 feet x 25 feet cell





CW1 TMR MODFLOW Model
~ 2.5 feet x 2.5 feet cell

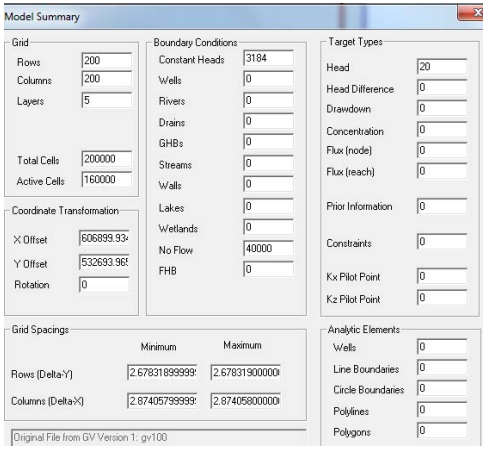


Figure I-1: MODFLOW Models Horizontal Discretization

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map

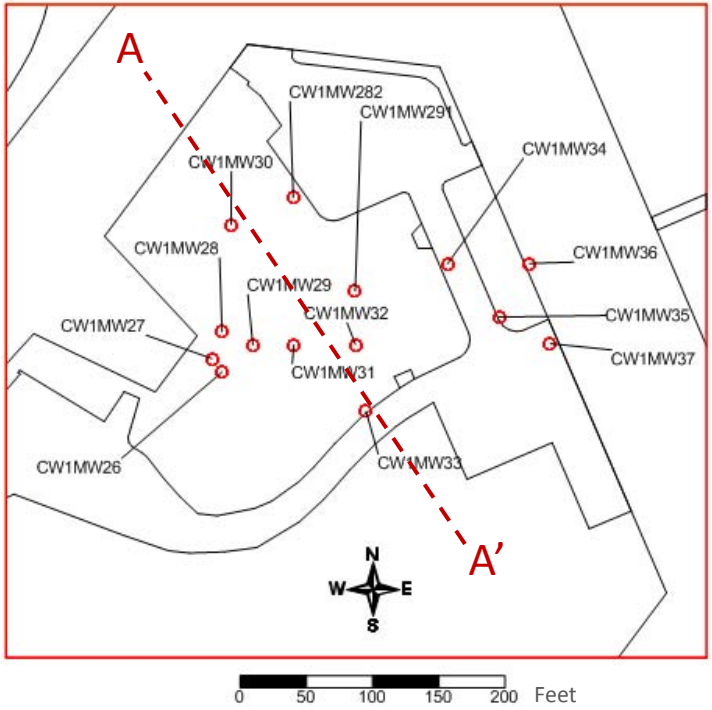
DATE: 5/19/2011

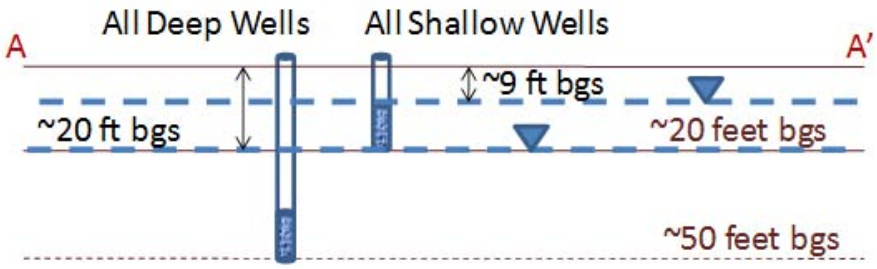
PREPARED BY: Liliana Cecan/John Nappi

CHECKED BY: Gary DiMartinis

PROJECT NO.: 09BR116

FILE NAME: CW1-Figures-I.pdf





Generalized
Site Cross-Section

Figure I-2a: Conceptual View of Vertical Discretization

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

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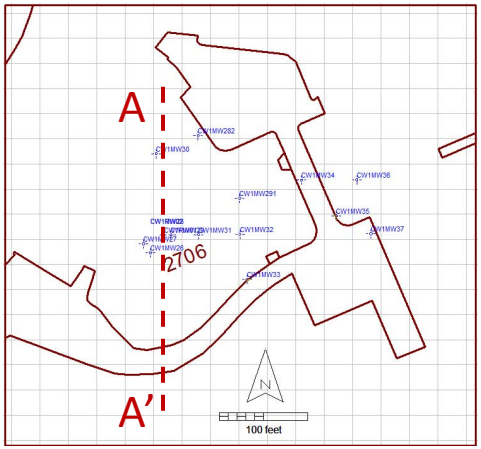
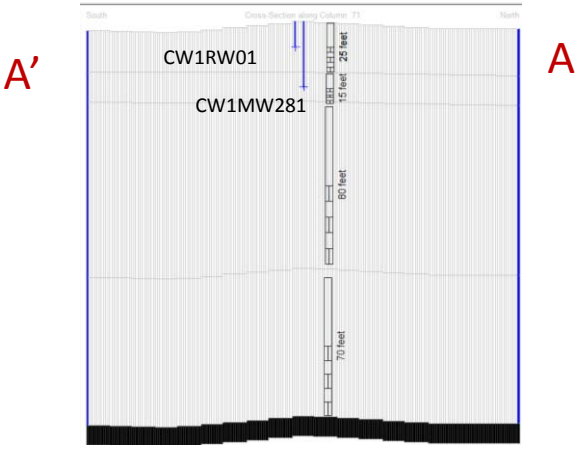
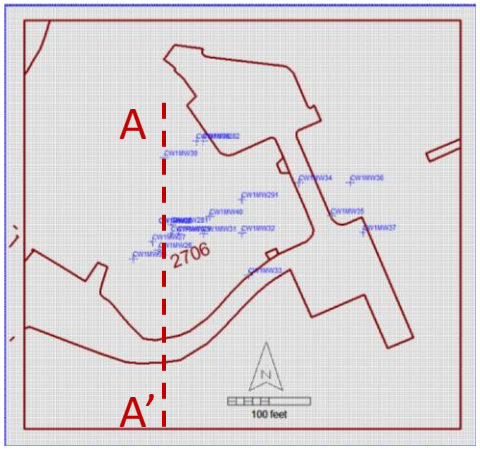
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf



Charles Wood MODFLOW Model
Layer 1 & 2 ~ 40 feet bgs





CW1 TMR MODFLOW Model
Layer 1 & 2 ~ 40 feet bgs

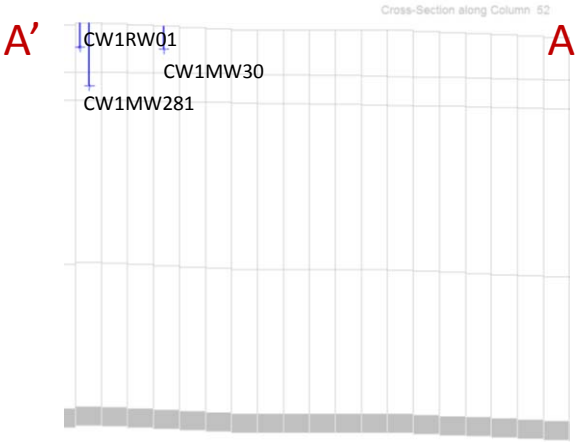


Figure I-2b: MODFLOW Models Vertical Discretization

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
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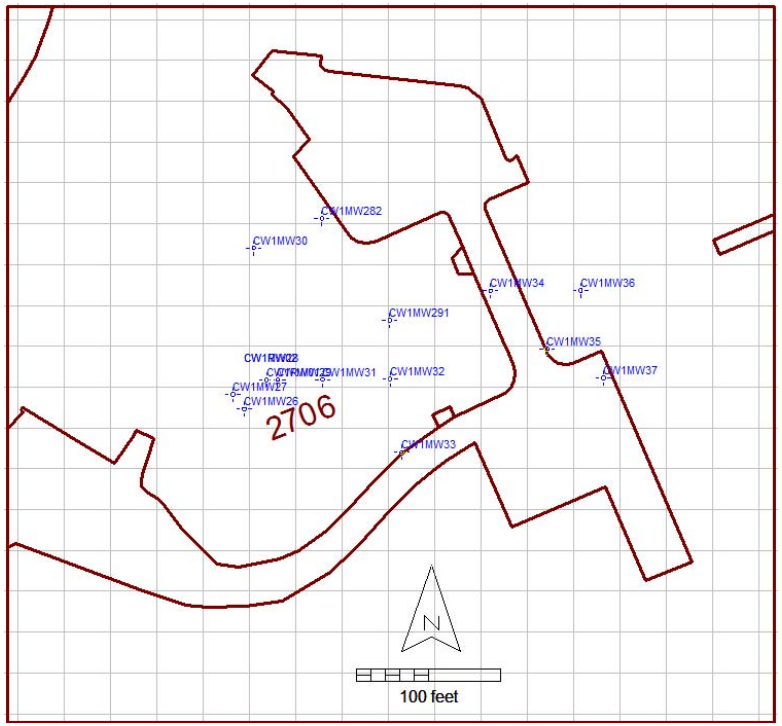
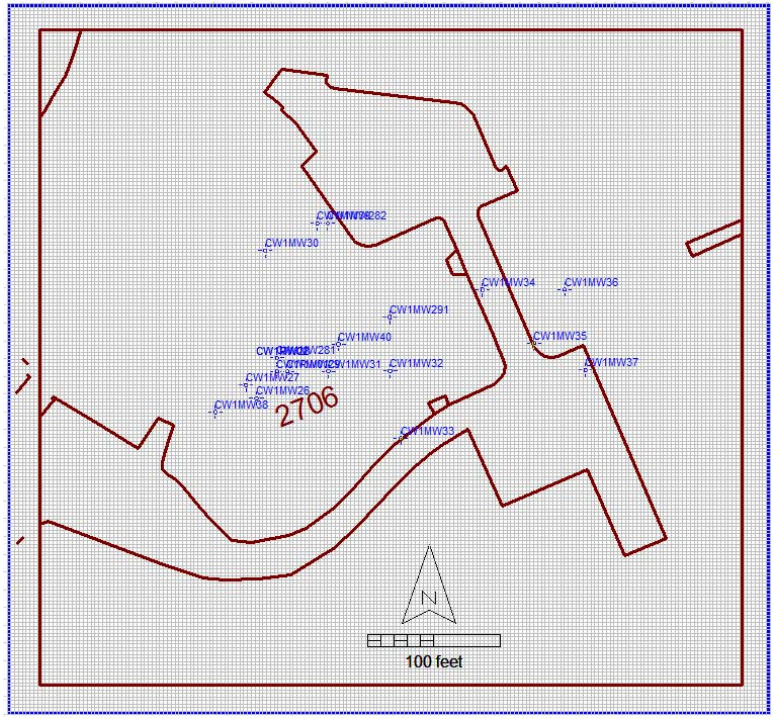
Charles Wood MODFLOW Model



CW1 TMR MODFLOW Model



Note

Constant Head BC for the Charles Wood MODFLOW Model are not visible - they are at the edges of the Charles Wood MODFLOW Model grid, similar to the Constant Head BC for the CW1 TMR MODFLOW Model.

Figure I-3: MODFLOW Models Boundary Conditions

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
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PROJECT NO.: 09BR116
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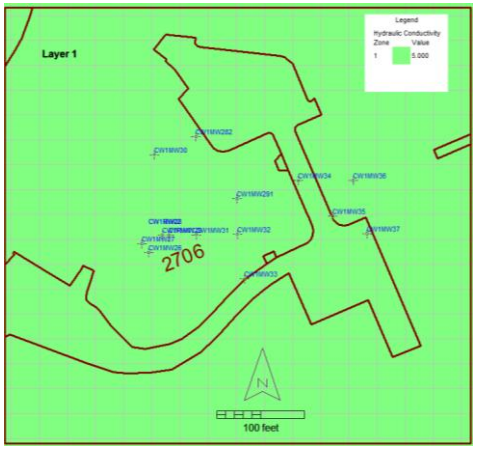
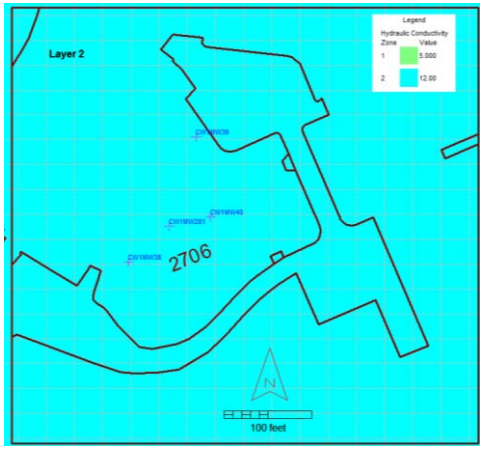
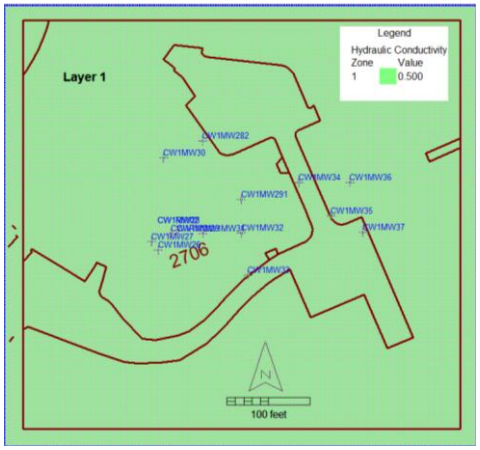
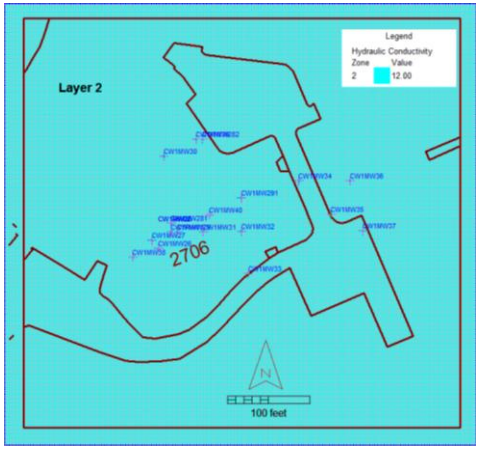
Charles Wood MODFLOW Model





CW1 TMR MODFLOW Model





Note

Vertical hydraulic conductivity is 10% of horizontal hydraulic conductivity

Figure I-4: MODFLOW Models Hydraulic Conductivity

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

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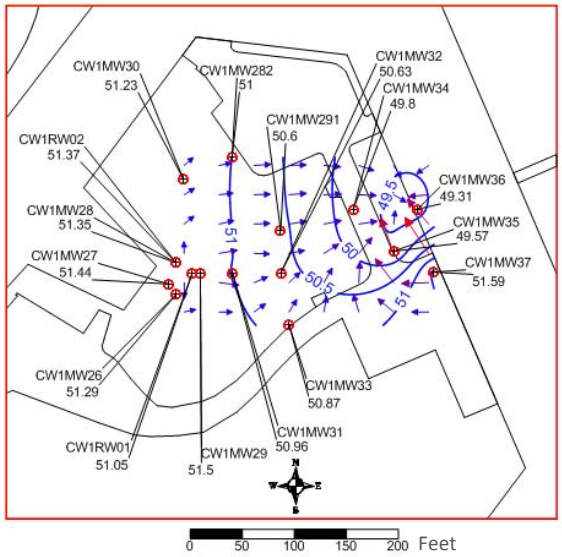
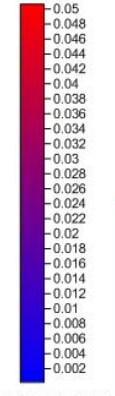
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf

Shallow Aquifer

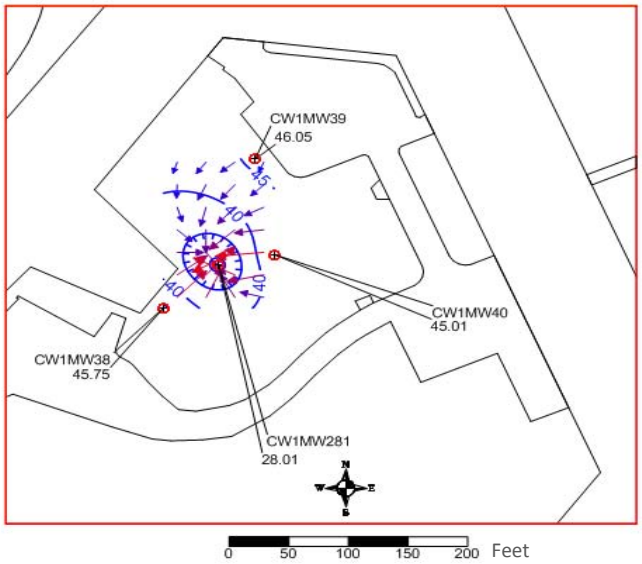


Note:
September - October 2010 measured data
Hydraulic gradient: ~0.002 to ~0.05 feet/feet

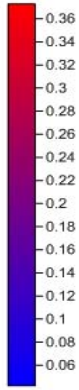


Color scale for hyd

Deep Aquifer



Note:
September - October 2010 measured data
Hydraulic gradient: ~0.06 to ~0.36 feet/feet



Color scale for hydraulic gradient magnitude

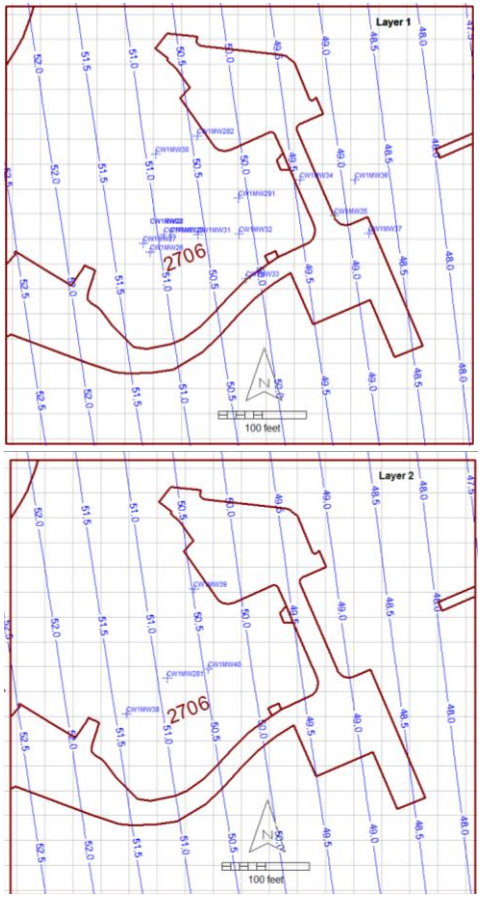
Figure I-5a: Ground Water Elevation Contours and Flow Directions

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

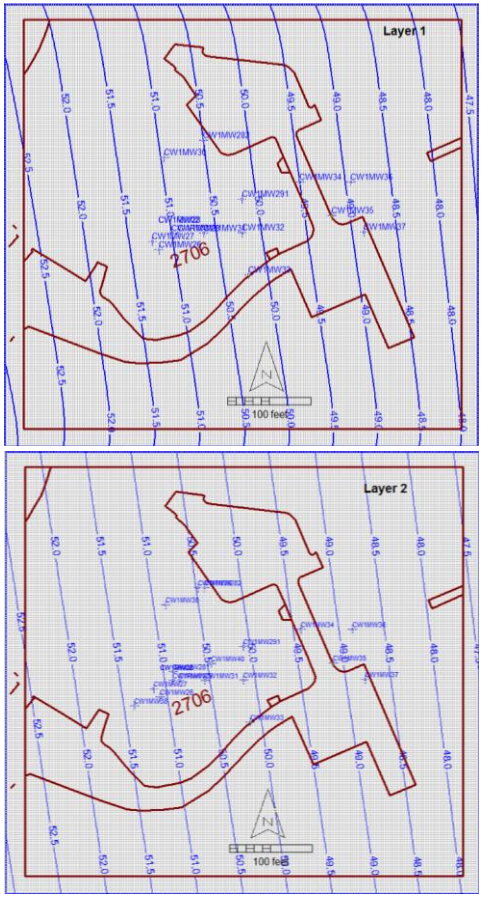
BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf

Charles Wood MODFLOW Model



CW1 TMR MODFLOW Model



Note

Ground water elevation contours in the two models are not different due to similar CW1TMR MODFLOW boundary conditions and no re-calibration.

Figure I-5b: Models Results – Ground Water Elevation Contours

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
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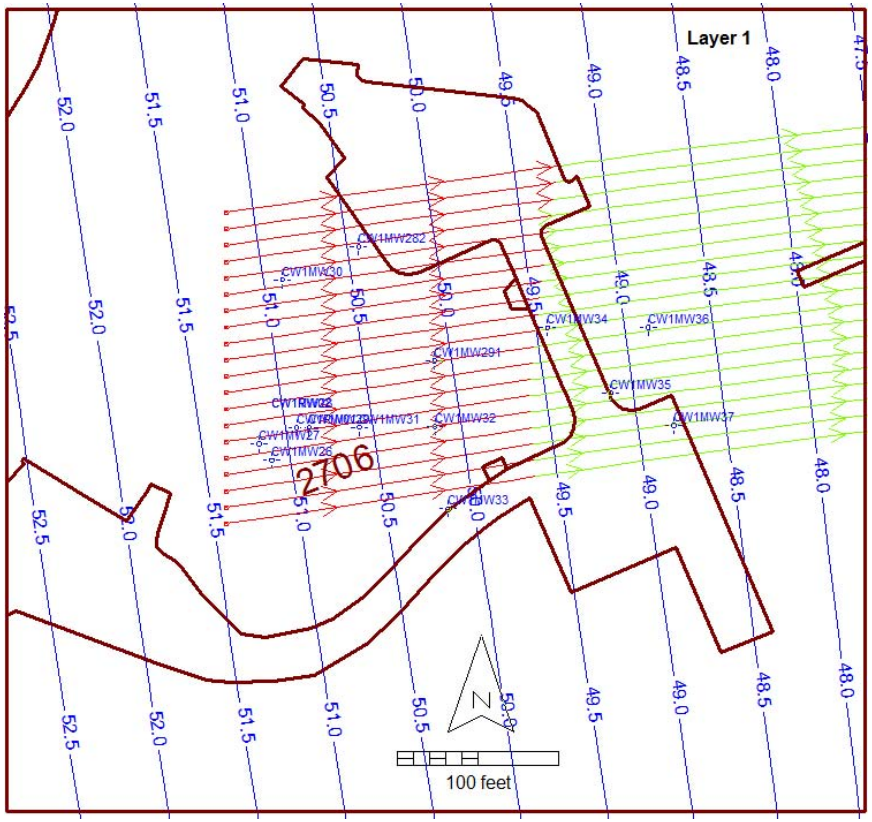
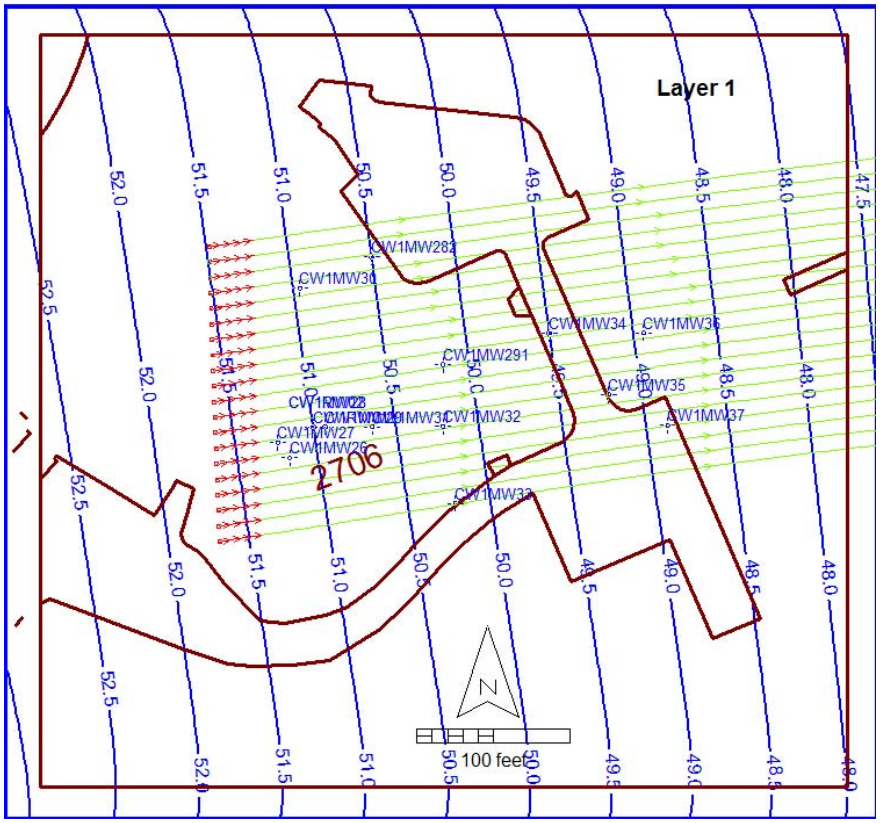
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf

Charles Wood MODFLOW Model



CW1 TMR MODFLOW Model



Note

Ticks/Arrows are every 1 year (365 days). Effective porosity is 0.25.

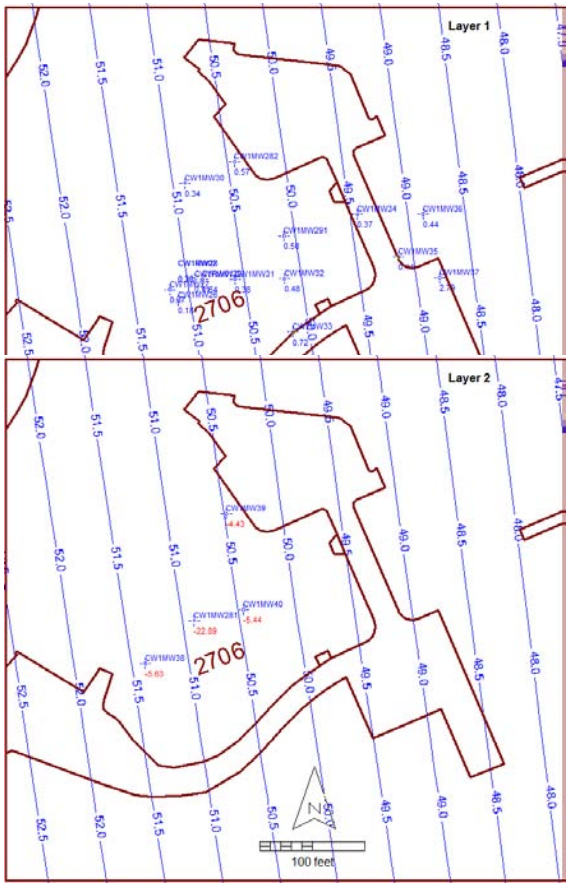
Figure I-5c: Models Results – Particle Tracking

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

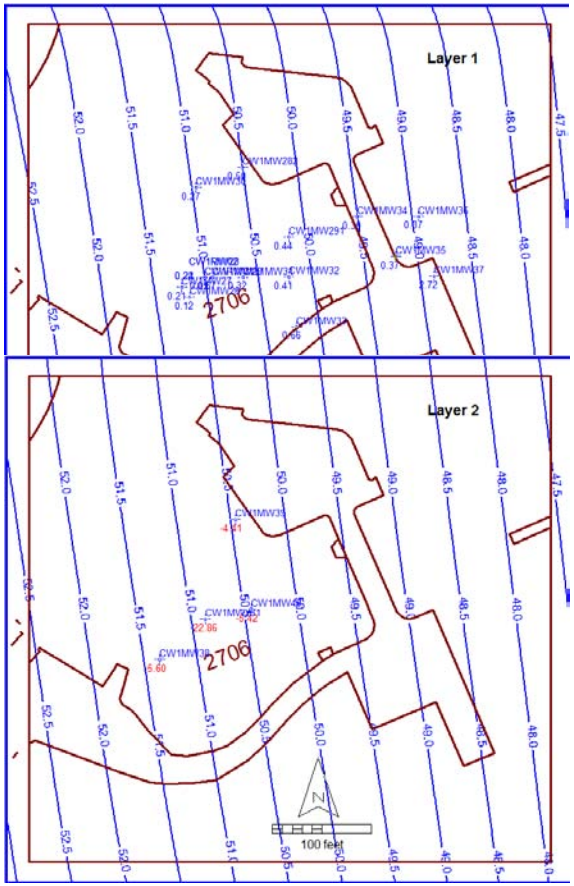
BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

SCALE: See Map	
DATE: 5/19/2011	
PREPARED BY: Liliana Cecan/John Nappi	
CHECKED BY: Gary DiMartinis	
PROJECT NO.: 09BR116	
FILE NAME: CW1-Figures-I.pdf	

Charles Wood MODFLOW Model



CW1 TMR MODFLOW Model



Note

Residuals represent the differences between measured and simulated heads. The measured heads are from the October 22, 2010 sampling event.

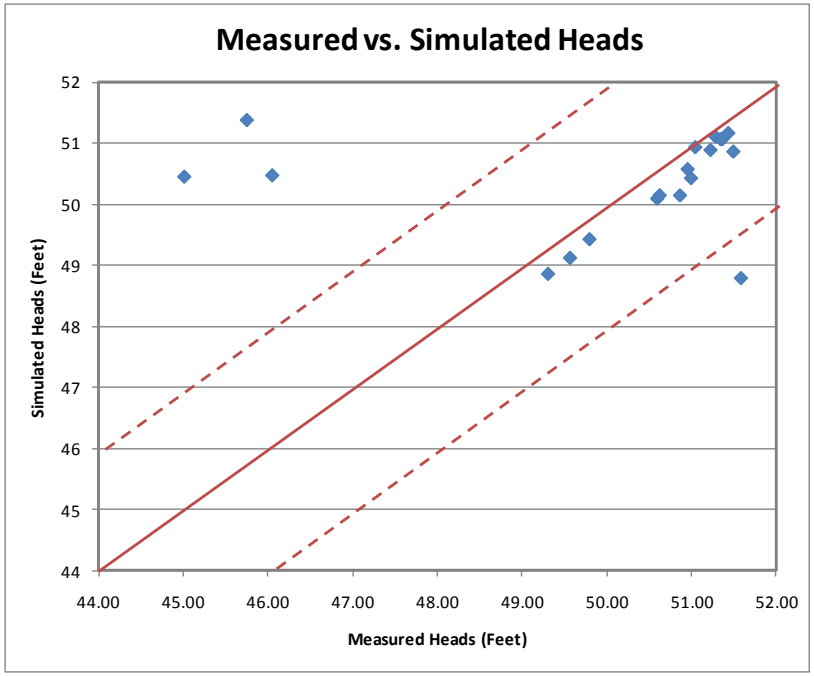
Figure I-6a: MODFLOW Calibration – Residuals Distributions

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

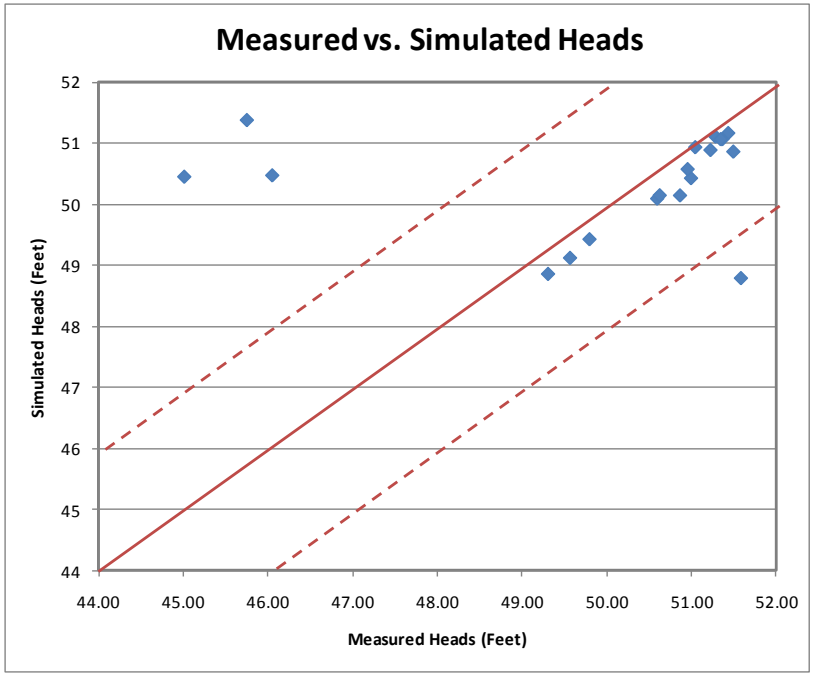
BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf

Charles Wood MODFLOW Model
CW1 Site Only



CW1 TMR MODFLOW Model



Note

CW1MW281 was excluded from calibration

Figure I-6b: MODFLOW Calibration – Measured vs. Simulated Heads

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

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DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf

Charles Wood MODFLOW Model
CW1 Site Only

Name	X	Y	Layer	Observed	Computed	Residual	abs(Res)	Res sq
CW1MW26	607087.70	532932.46	1	51.29	51.10978	0.18	0.18	0.03
CW1MW27	607079.91	532942.54	1	51.44	51.16830	0.27	0.27	0.07
CW1MW28	607087.56	532962.82	1	51.37	51.06807	0.30	0.30	0.09
CW1MW282	607141.33	533064.26	1	51.00	50.43134	0.57	0.57	0.32
CW1MW29	607110.85	532952.81	1	51.50	50.86489	0.64	0.64	0.40
CW1MW291	607188.14	532993.64	1	50.60	50.09736	0.50	0.50	0.25
CW1MW30	607094.40	533043.80	1	51.23	50.89136	0.34	0.34	0.11
CW1MW31	607141.85	532952.95	1	50.96	50.57833	0.38	0.38	0.15
CW1MW32	607188.33	532953.17	1	50.63	50.15133	0.48	0.48	0.23
CW1MW33	607196.32	532902.61	1	50.87	50.14933	0.72	0.72	0.52
CW1MW34	607257.78	533014.20	1	49.80	49.43335	0.37	0.37	0.13
CW1MW35	607296.71	532973.91	1	49.57	49.12872	0.44	0.44	0.19
CW1MW36	607319.76	533014.49	1	49.31	48.86666	0.44	0.44	0.20
CW1MW37	607335.55	532953.85	1	51.59	48.79785	2.79	2.79	7.80
CW1MW38	607056.76	532922.20	2	45.75	51.37995	-5.63	5.63	31.70
CW1MW39	607133.58	533064.22	2	46.05	50.47696	-4.43	4.43	19.60
CW1MW40	607149.50	532973.22	2	45.01	50.45500	-5.44	5.44	29.65
CW1RW01	607103.11	532952.77	1	51.05	50.93694	0.11	0.11	0.01
CW1RW02	607087.56	532962.82	1	51.35	51.06807	0.28	0.28	0.08
Residual Mean	0.19							
Abs. Res. Mean	0.94							
Res. Std. Dev.	1.73							
Sum of Squares	42.20							
RMS Error	**1.68**							
Min. Residual	-5.63							
Max. Residual	2.79							
Number of Observations	15							
Range in Observations	5.84							
Scaled Std. Dev.	0.295							
Scaled Abs. Mean	0.160							
Scaled RMS	0.29							

RMSE = 1.68

CW1 TMR MODFLOW Model

Name	X	Y	Layer	Observed	Computed	Residual
CW1MW26	607087.70	532932.46	1	51.29	51.17445	0.12
CW1MW27	607079.91	532942.55	1	51.44	51.23349	0.21
CW1MW28	607087.56	532962.82	1	51.37	51.13258	0.24
CW1MW282	607141.33	533064.26	1	51.00	50.50141	0.50
CW1MW29	607110.85	532952.81	1	51.50	50.92920	0.57
CW1MW291	607188.14	532993.64	1	50.60	50.16300	0.44
CW1MW30	607094.39	533043.80	1	51.23	50.95980	0.27
CW1MW31	607141.85	532952.95	1	50.96	50.64257	0.32
CW1MW32	607188.33	532953.17	1	50.63	50.21584	0.41
CW1MW33	607196.31	532902.61	1	50.87	50.21492	0.66
CW1MW34	607257.78	533014.21	1	49.80	49.50302	0.30
CW1MW35	607296.71	532973.91	1	49.57	49.19984	0.37
CW1MW36	607319.76	533014.49	1	49.31	48.94095	0.37
CW1MW37	607335.54	532953.85	1	51.59	48.87158	2.72
CW1MW38	607056.76	532922.20	2	45.75	51.35283	-5.60
CW1MW39	607133.58	533064.22	2	46.05	50.45584	-4.41
CW1MW40	607149.50	532973.23	2	45.01	50.43287	-5.42
CW1RW01	607103.10	532952.77	1	51.05	51.00134	0.05
CW1RW02	607087.56	532962.82	1	51.35	51.13258	0.22
Residual Mean	0.12					
Abs. Res. Mean	0.87					
Res. Std. Dev.	1.70					
Sum of Squares	40.80					
RMS Error	**1.65**					
Min. Residual	-5.60					
Max. Residual	2.72					
Number of Observations	15					
Range in Observations	5.84					
Scaled Std. Dev.	0.291					
Scaled Abs. Mean	0.149					
Scaled RMS	0.28					

RMSE = 1.65

Note

CW1MW281 was excluded from calibration

Figure I-6c: MODFLOW Calibration – RMSE

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map

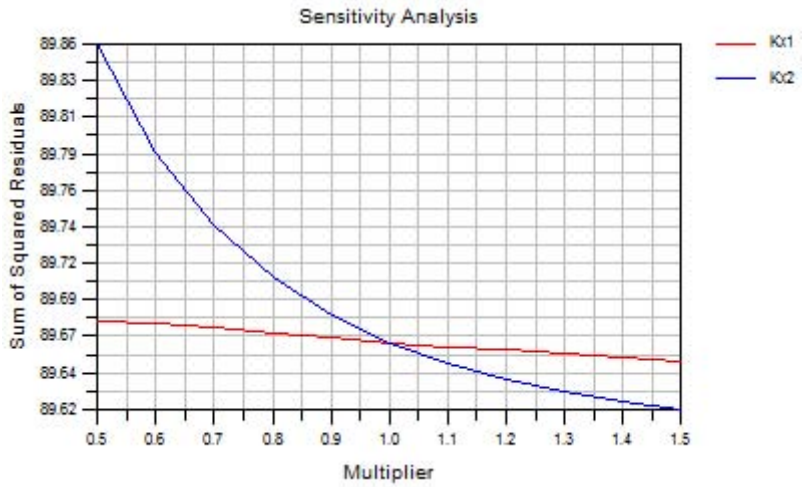
DATE: 5/19/2011

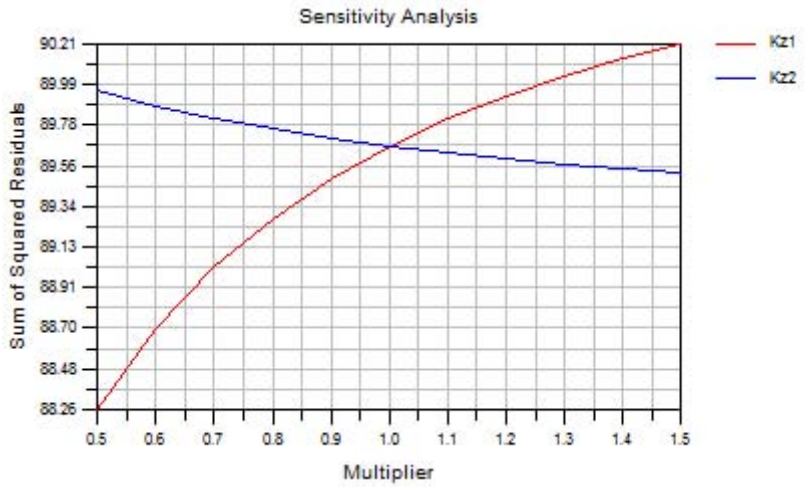
PREPARED BY: Liliana Cecan/John Nappi

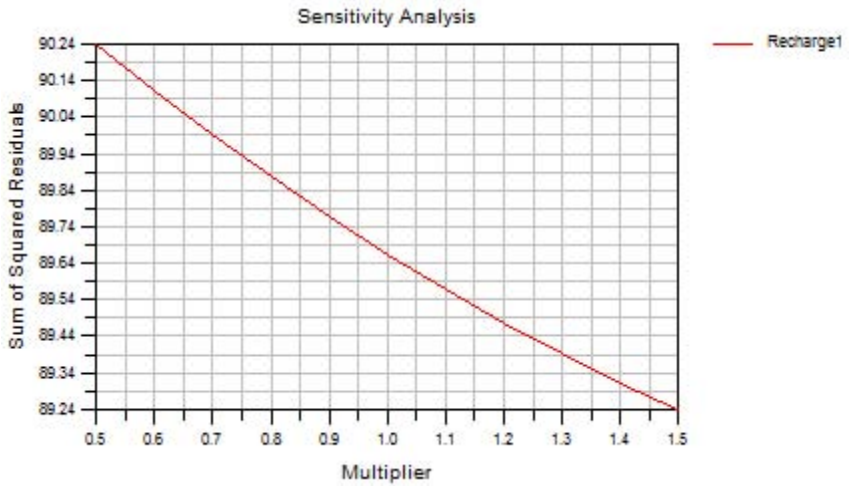
CHECKED BY: Gary DiMartinis

PROJECT NO.: 09BR116

FILE NAME: CW1-Figures-I.pdf







Note:
CW1MW281 was excluded from sensitivity analysis

Figure I-7: CW1 TMR MODFLOW Model – Sensitivity Analysis

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

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ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
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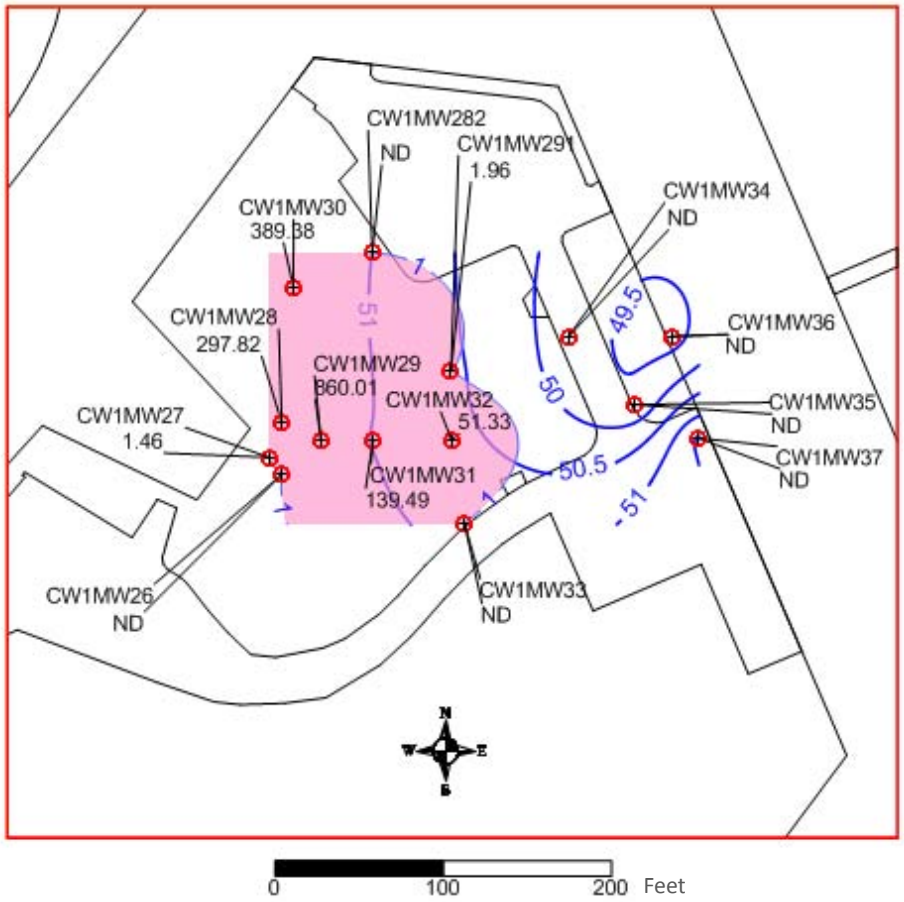
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf



Legend

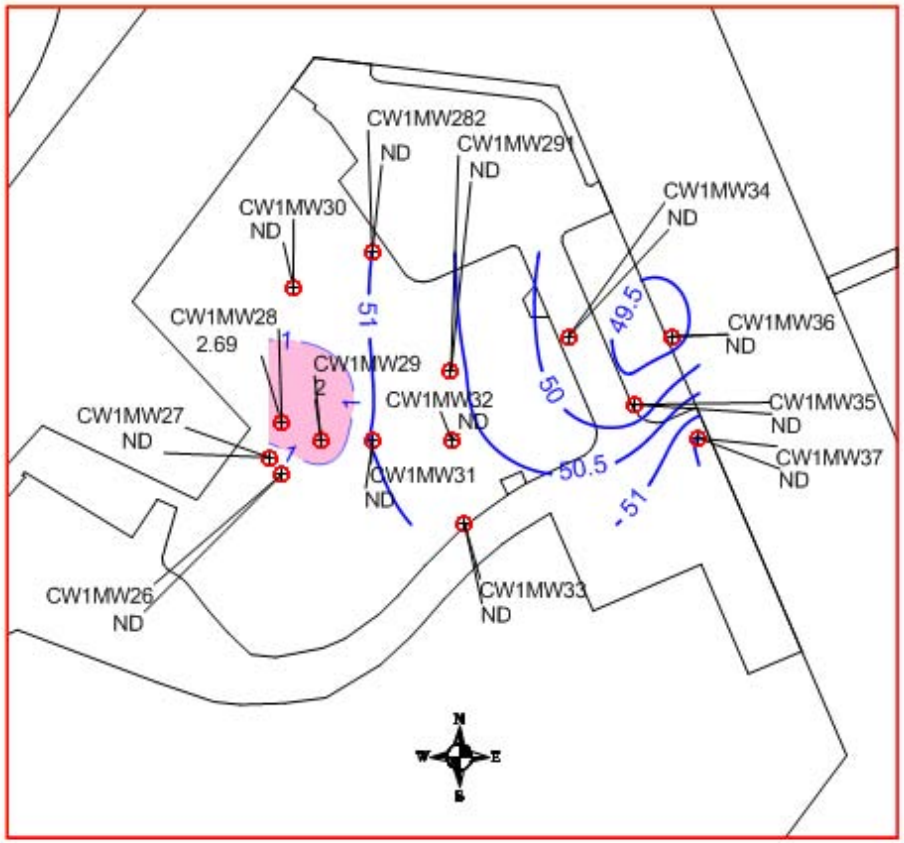
Measured maximum 1999-2000 TCE **1 ug/L** plume
October 2010 ground water elevation data

Figure I-8a: Measured TCE Concentrations – Spatial Distribution in 2000

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf



Legend

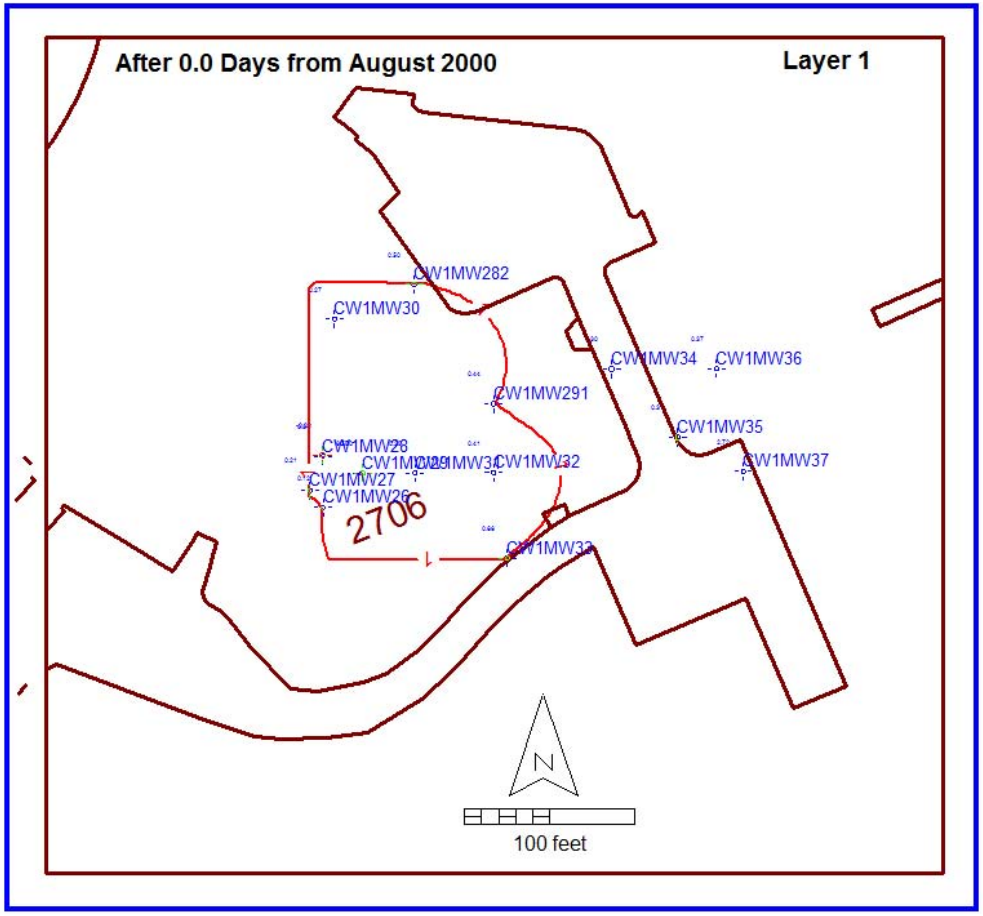
Measured August 2010 TCE **1 ug/L** plume
October 2010 ground water elevation data

Figure I-8b: Measured TCE Concentrations – Spatial Distribution in 2010

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf



Legend

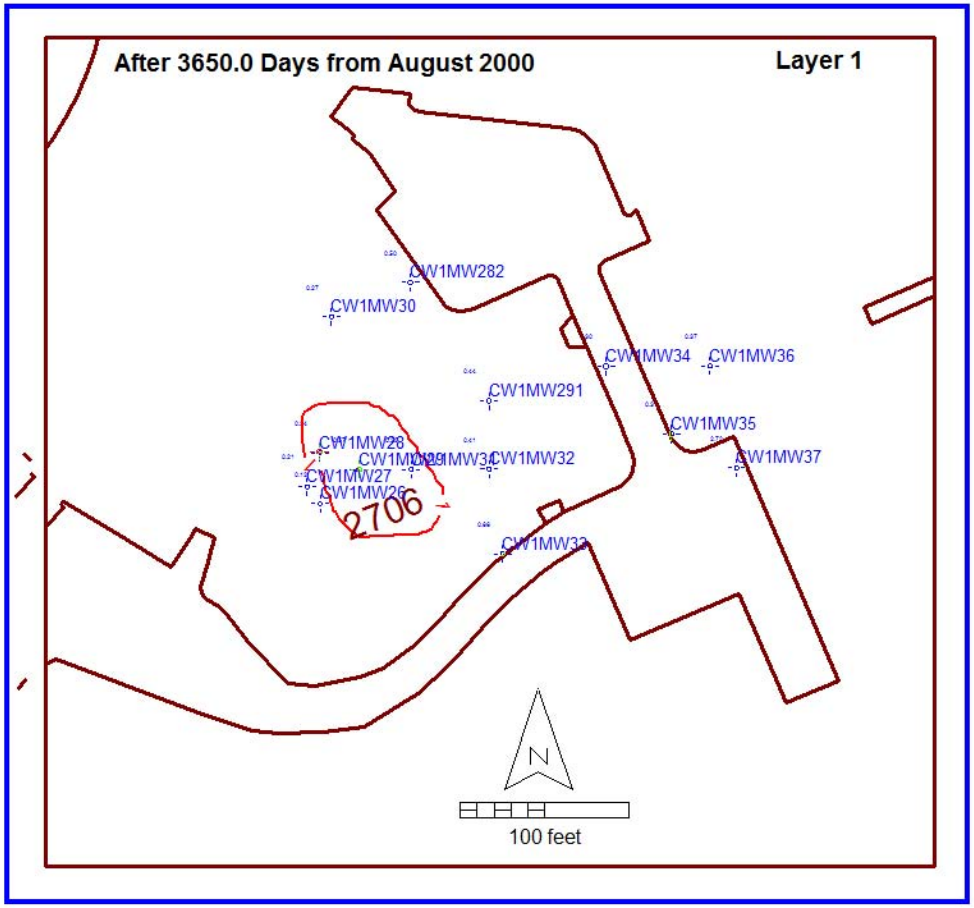
Simulated **1 ug/L** TCE plume

Figure I-9a: Simulated TCE Concentrations – 2000

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf



Legend

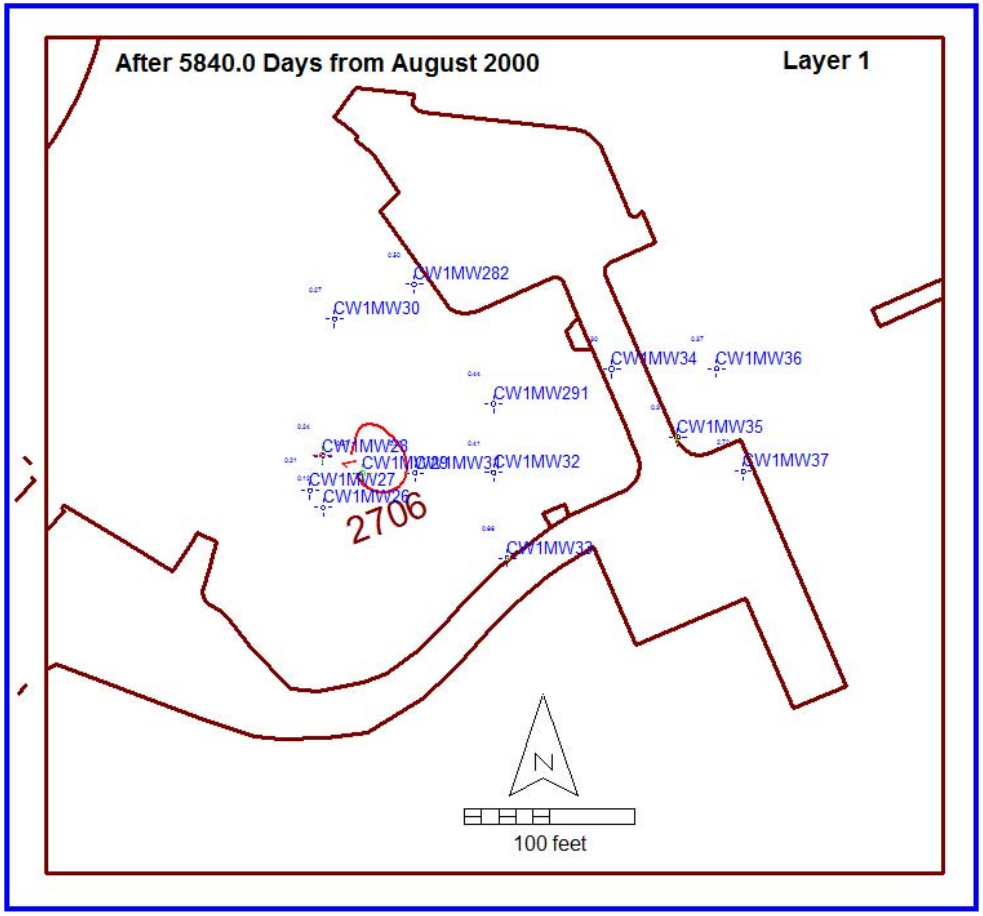
Simulated **1 ug/L** TCE plume

Figure I-9b: Simulated TCE Concentrations – 2010

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf



Legend

Simulated **1 ug/L** TCE plume

Figure I-9c: Simulated TCE Concentrations – 2016

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

SCALE: See Map

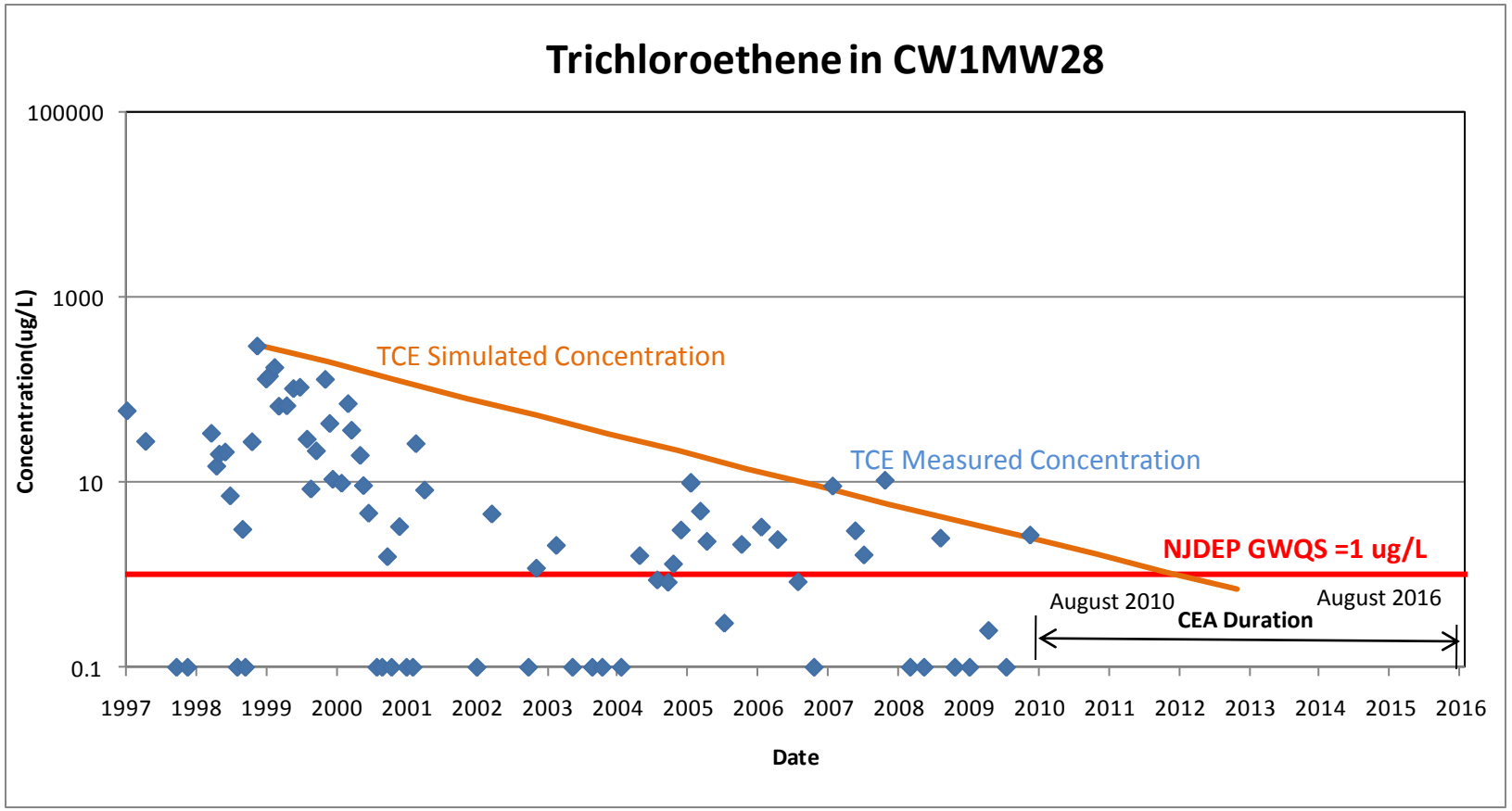
DATE: 5/19/2011

PREPARED BY: Liliana Cecan/John Nappi

CHECKED BY: Gary DiMartinis

PROJECT NO.: 09BR116

FILE NAME: CW1-Figures-I.pdf



Legend

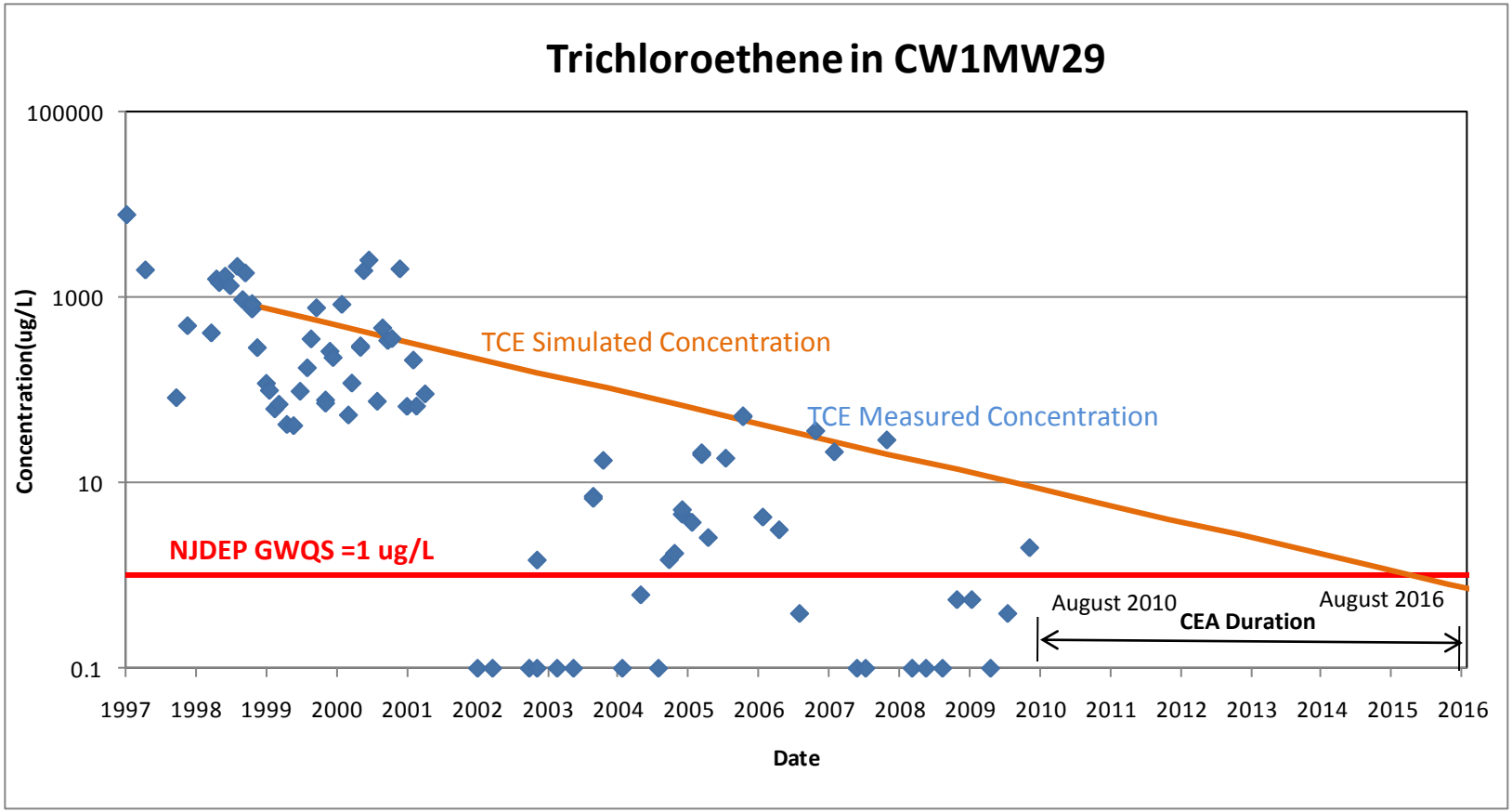
CW1MW28 TCE CEA Duration – August 2010 to August 2016 (~ 6 years)
Historical TCE measured and simulated data

Fig. I-10a: Measured/Simulated MW28 TCE – Temporal Distribution

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map	
DATE: 5/19/2011	
PREPARED BY: Liliana Cecan/John Nappi	
CHECKED BY: Gary DiMartinis	
PROJECT NO.: 09BR116	
FILE NAME: CW1-Figures-I.pdf	



Legend

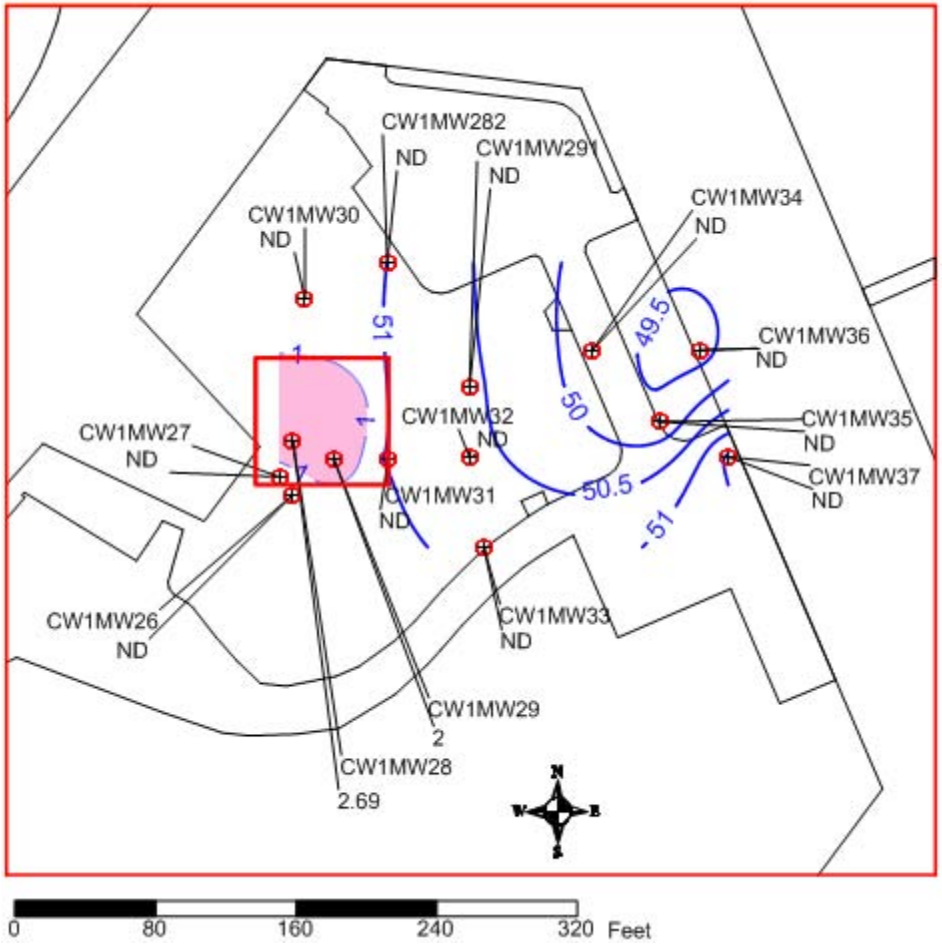
CW1MW29 TCE CEA Duration – August 2010 to August 2016 (~ 6 years)
Historical TCE measured and simulated data

Fig. I-10b: Measured/Simulated MW29 TCE – Temporal Distribution

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map
DATE: 5/19/2011
PREPARED BY: Liliana Cecan/John Nappi
CHECKED BY: Gary DiMartinis
PROJECT NO.: 09BR116
FILE NAME: CW1-Figures-I.pdf



Legend

August 2010 CEA based on August, 2010 measured data
Areas: TCE (6,400 sq. ft)

Figure I-11: August 2010 CEA Extent

Fort Monmouth Building CW1 (FTMM-22) – Tinton Falls, New Jersey

BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

SCALE: See Map	
DATE: 5/19/2011	
PREPARED BY: Liliana Cecan/John Nappi	
CHECKED BY: Gary DiMartinis	
PROJECT NO.: 09BR116	
FILE NAME: CW1-Figures-I.pdf	

Attachment II

Diskette METADATA

Diskette Metadata

Site Name: Fort Monmouth CW-1

Case Name: FTMM-22

CSL ID # NA

Lead Program ID:

Lead Program (Letter Abbreviation)

Street Address of Facility

Municipality: Tinton Falls

County: Monmouth

Start Date: August 2010

Duration: 6 years (Trichloroethene), Indeterminate (Lead)

Contaminants: Trichloroethene, Lead

CEA Depth: Approximately 50 feet below ground surface.

Engineering controls: NA

Map Metadata ID Information

Description: Site plan showing CEA boundary.

Abstract: Includes base map and the CEA boundary.

Purpose/Brief Description: Fulfill CEA requirements.

Supplemental Information: None.

Currentness Reference: Based upon current information, August 2010

Map Metadata Data Quality Information

Attribute Accuracy: Monitoring wells have surveyed coordinates. Base map accuracy visually consistent with site observations.

Quantitative Attribute Accuracy Assessment

Completeness Report: Base map provided by client's GIS department. Monitoring wells were surveyed.

Lineage: Manually digitized

Source Scale Denominator

Type of Source Media: Paper Maps

Source Currentness Reference

Process Date: May 2011

Map Metadata Spatial Data Organization

Direct Spatial Reference Method: Vector

Map Metadata Spatial Reference

Grid Coordinate System: NJ State Plane feet

Horizontal Datum Name: NAD83

Map Metadata Attribute Information

Attribute Label

Map Metadata Reference Information

Metadata Date: May 2011

Metadata Contact: Brinkerhoff Environmental Services, Inc.

Map Metadata Citation Information

Originator: Brinkerhoff Environmental Services, Inc.

Title: CW-1

Author's Notes: Variable in Time.

Map Metadata Contact Information

Contact Person Primary: Gary G. DiMartinis, LSRP

Contact Organization: Brinkerhoff Environmental Services, Inc.

Contact Address: 1913 Atlantic Avenue, Suite R5, Manasquan, New Jersey 08736

Contact Voice Telephone: 732-223-2225

Exhibit F

Current and Projected Ground Water Use

EXHIBIT F

1.0 Current and Projected Ground Water Use

The NJDEP Division of Water Supply (DWS) was contacted regarding the 25-year water use plan for the area. The NJDEP responded with the determination that there are no changes currently planned in the 25-year planning horizon. An e-mail message from Ian Snook, NJDEP DWS dated February 1, 2011 (Subject: CEA Language) is provided within this exhibit.

Pursuant to N.J.A.C 7:26E-8.3(b)4, the Fort Monmouth Directorate of Public Works has identified all off-site wells within 2,000 feet of the Fort Monmouth perimeter. No production wells were identified within 2,000 feet of the Fort Monmouth boundary. The majority of off-site wells are monitoring wells associated with various remedial activities. Well search summary tables are provided within this exhibit.

-----Original Message-----
From: Ian Snook [mailto:Ian.Snook@dep.state.nj.us]
Sent: Tuesday, February 01, 2011 2:48 PM
To: dbreckenridge@GESonline.com; ryan.healey@marathonconsultants.com; Montgomery, John H CTR US USA
Subject: CEA LANGUAGE

All,

Please be advised that for the purposes compliance with 7:26E-8.6(a)2.i. and ii. only, The Division of Remediation Management and Response and the Division of Water Supply have determined that there are no significant changes in the 25-year ground water use planning horizon for the state's aquifers relative to the purpose of this sub-section.

Therefore, persons responsible for biennial certifications for classification exception areas do not need to review The New Jersey Water Supply Master Plan, or contact the Bureau of Water Systems and Well Permitting (formerly the Bureau of Water Allocation) in order to comply with the above citation. This determination is effective through May, 2011.

Contact with the Bureau of Water Systems and Well Permitting, (formerly Bureau of Water Allocation) is still required under 7:26E-8.6 (a) 3. (well search). If you have any further questions or concerns, please feel free to contact me.

Please Contact Tracy Omrod @ (609) 984-6831 for additional information pertaining to the well search portion.

Have a good day,

Ian Snook
Division of Water Supply
P.O. Box 426
Trenton, NJ
08625
Phone: (609) 984-2917
Fax: (609) 292-1654

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
55IW01/29-15008	Eatontown Senior Housing	55 Wyckoff Road, Eatontown	192.00	177.00	25.00	G	NJDEP
14/29-24953	Shell Oil Company	Block 110, Lot 25, Oceanport	12.00	2.00	4.00	M	NJDEP
15/29-24953	Shell Oil Company	Block 110, Lot 25, Oceanport	12.00	2.00	3.00	M	NJDEP
16/29-24953	Shell Oil Company	Block 110, Lot 25, Oceanport	12.00	2.00	3.00	M	NJDEP
17/29-24953	Shell Oil Company	Block 110, Lot 25, Oceanport	11.00	2.00	3.00	M	NJDEP
34/29-28236	Boro of Eatontown	Block 14, Lot 17,Eatontown	20.00	10.00	12.10	M	NJDEP
35/29-23690	Redacted - Privacy Act	Orchid St., Block 73, Lot 36, Eatontown	67.00	52.00	16.00	D	NJDEP
36/29-23608		92 Sunnybrook Dr., Little Silver	197.00	191.00	7.00	D	NJDEP
37/29-27756	V.J. Russo Reality	170 Avenue of the Commons, Little Silver	250.00	245.00	4.00	G	NJDEP
38/29-26185	Price Communications Corp.	1 Registrer Plaza, Little Silver	28.00	18.00	5.00	M	NJDEP
39/29-22571A.	Redacted - Privacy Act	Transfer Pl., Block 69.04, Lot 4, Little Silver	50.00	45.00	5.00	G	NJDEP
40/29-26704		83 Sunnybank Drive, Little Silver	250.00	210.00	8.00	D	NJDEP
41/29-29158	Boro of Eatontown	Block 14, Lot 17,Eatontown	20.00	10.00	11.70	M	NJDEP
42/29-29159	Boro of Eatontown	Block 14, Lot 17,Eatontown	18.00	8.00	10.10	M	NJDEP
43/29-21780	Redacted - Privacy Act	Relwof Ave., Block 98, Lots 1& 2, Oceanport	45.00	35.00	2.00	G	NJDEP
64/29-14244		112 Orchard St., Oceanport	323.00	317.00	16.00	D, G	NJDEP
65/29-13825	NJ Transit Corp	Silverside & Fairview Aves., Little Silver	*	*	*	M	NJDEP
100/29-50-840	Redacted - Privacy Act	121 Horseneck Point Rd., Oceanport	15.00	12.00	5.00	D	NJDEP
113/29-14180	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.38	M	NJDEP
114/29-14181	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	5.10	M	NJDEP
115/29-14182	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.47	M	NJDEP
116/29-14183	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.39	M	NJDEP
117/29-14184	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.75	M	NJDEP
118/29-14185	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.10	M	NJDEP
119/29-14186	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.82	M	NJDEP
120/29-14187	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.30	M	NJDEP
121/29-14188	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.54	M	NJDEP
122/29-14189	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.34	M	NJDEP
123/29-14190	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	4.22	M	NJDEP
124/29-14191	Shell Oil Company	Rt. 35 & South Street, Eatontown	12.00	2.00	3.90	M	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
125/29-14192	Shell Oil Company	Rt. 35 & South Street, Eatontown	14.83	4.00	4.00	E	NJDEP
129/29-23732	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
130/29-23733	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
131/29-23734	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
132/29-23735	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
133/29-24138	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
134/29-24139	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
135/29-24140	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
136/29-24141	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	*	M	NJDEP
137/29-27072	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	20.00	5.00	7.00	M	NJDEP
138/29-29208	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	16.00	3.00	6.00	M	NJDEP
138a/29-30283	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	6.00	E	NJDEP
138b/29-30284	Exxon Company, USA	Branch & Sycamore Aves., Little Silver	15.00	5.00	6.00	E	NJDEP
139/29-12793	Hunter Superior Service	333 Willow Drive, Little Silver	10.00	1.00	6.36	M	NJDEP
140/29-12794	Hunter Superior Service	333 Willow Drive, Little Silver	10.00	1.00	7.08	M	NJDEP
141/29-12795	Hunter Superior Service	333 Willow Drive, Little Silver	10.00	1.00	6.34	M	NJDEP
142/29-12796	Hunter Superior Service	333 Willow Drive, Little Silver	10.00	1.00	7.59	M	NJDEP
143/29-12797	Hunter Superior Service	333 Willow Drive, Little Silver	10.00	1.00	6.63	M	NJDEP
144/29-12798	Hunter Superior Service	333 Willow Drive, Little Silver	10.00	1.00	6.07	M	NJDEP
145/29-12785	Citgo Oil Co.	700 Branch Ave. Little Silver	9.00	1.00	*	M	NJDEP
146/29-12786	Citgo Oil Co.	700 Branch Ave. Little Silver	9.00	1.00	*	M	NJDEP
147/29-12787	Citgo Oil Co.	700 Branch Ave. Little Silver	9.00	1.00	*	M	NJDEP
148/29-12788	Citgo Oil Co.	700 Branch Ave. Little Silver	10.00	1.00	*	M	NJDEP
149/29-12789	Citgo Oil Co.	700 Branch Ave. Little Silver	9.00	1.00	*	M	NJDEP
150/29-12790	Citgo Oil Co.	700 Branch Ave. Little Silver	9.00	1.00	*	M	NJDEP
151/29-12792	Citgo Oil Co.	700 Branch Ave. Little Silver	9.00	1.00	*	M	NJDEP
152/29-12793	Mobil Oil Coporation	700 Branch Ave. Little Silver	10.00	1.00	*	M	NJDEP
153/29-12794	Mobil Oil Coporation	700 Branch Ave. Little Silver	11.00	1.00	*	M	NJDEP
154/29-12795	Mobil Oil Coporation	700 Branch Ave. Little Silver	11.00	1.00	*	M	NJDEP
155/29-25317	Mobil Oil Coporation	Highway 35 & Tinton Ave., Eatontown	15.00	5.00	7.00	M	NJDEP
156/29-25316	Mobil Oil Coporation	Highway 35 & Tinton Ave., Eatontown	15.00	2.00	7.00	M	NJDEP
157/29-25318	Mobil Oil Coporation	Highway 35 & Tinton Ave., Eatontown	15.00	5.00	7.00	M	NJDEP
158/29-25319	Mobil Oil Coporation	Highway 35 & Tinton Ave., Eatontown	15.00	5.00	7.00	M	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
159/29-25320	Mobil Oil Coporation	Highway 35 & Tinton Ave., Eatontown	15.00	5.00	7.00	M	NJDEP
160/29-26806	Exxon Company, USA	Highway 35 & Tinton Ave., Eatontown	16.00	3.00	4.70	M	NJDEP
161/29-26807	Exxon Company, USA	Highway 35 & Tinton Ave., Eatontown	17.00	2.00	6.00	M	NJDEP
162/29-26808	Exxon Company, USA	Highway 35 & Tinton Ave., Eatontown	15.00	3.00	8.20	M	NJDEP
163/29-26809	Exxon Company, USA	Highway 35 & Tinton Ave., Eatontown	15.00	3.00	5.80	M	NJDEP
164/29-28143	Exxon Company, USA	Highway 35 & Tinton Ave., Eatontown	12.00	2.00	2.35	M	NJDEP
166/29-38652	Redacted - Privacy Act	6 Bungalow Place, Oceanport	64.00	39.00	5.00	G	NJDEP
167/29-54604		33 Trinity Place, Oceanport	20.00	5.00	13.00	M	NJDEP
168/29-55912		15 Carriage House Lane, Little Silver	70.00	60.00	6.00	G	NJDEP
169/29-52374		28 Winding Way, Little Silver	10.00	2.00	6.00	M	NJDEP
170/29-50213		71 Silverside Ave., Little Silver	14.00	2.00	4.00	M	NJDEP
171/29-49775		59 Silverside Ave., Little Silver	12.00	2.00	5.00	M	NJDEP
172/29-49719		16 Rivers Edge Drive, Little Silver	15.00	5.00	6.00	M	NJDEP
173/29-49911	Honeywell International	118 Rt. 35, Eatontown	15.00	5.00	8.00	J	NJDEP
174/29-49912	Honeywell International	118 Rt. 35, Eatontown	17.00	6.50	10.00	J	NJDEP
175/29-49913	Honeywell International	118 Rt. 35, Eatontown	16.00	5.50	10.00	J	NJDEP
176/29-50266	Lowes Home Centers, Inc.	118 Rt. 35, Eatontown	6.00	5.00	0.00	M	NJDEP
177/29-50267	Lowes Home Centers, Inc.	118 Rt. 35, Eatontown	3.00	2.00	0.00	M	NJDEP
178/29-49043	Honeywell International	118 Rt. 35, Eatontown	50.00	5.50	10.00	J	NJDEP
179/29-49044	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
180/29-49045	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
181/29-49046	Honeywell International	118 Rt. 35, Eatontown	8.00	6.50	0.00	M	NJDEP
182/29-49047	Honeywell International	118 Rt. 35, Eatontown	6.00	4.50	0.00	M	NJDEP
183/29-49048	Honeywell International	118 Rt. 35, Eatontown	8.00	6.50	0.00	M	NJDEP
184/29-49049	Honeywell International	118 Rt. 35, Eatontown	6.00	4.50	0.00	M	NJDEP
185/29-49050	Honeywell International	118 Rt. 35, Eatontown	8.00	6.50	0.00	M	NJDEP
186/29-49501	Honeywell International	118 Rt. 35, Eatontown	6.00	4.50	0.00	M	NJDEP
187/29-49499	Honeywell International	118 Rt. 35, Eatontown	45.50	20.50	*	M	NJDEP
188/29-49038	Honeywell International	118 Rt. 35, Eatontown	18.00	17.50	11.00	J	NJDEP
189/29-49039	Honeywell International	118 Rt. 35, Eatontown	20.00	9.50	12.00	J	NJDEP
190/29-49040	Honeywell International	118 Rt. 35, Eatontown	20.00	9.50	12.00	J	NJDEP
191/29-49041	Honeywell International	118 Rt. 35, Eatontown	20.00	5.50	10.00	J	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
192/29-49042	Honeywell International	118 Rt. 35, Eatontown	20.00	5.50	10.00	J	NJDEP
193/29-49004	Honeywell International	118 Rt. 35, Eatontown	16.00	5.50	9.00	J	NJDEP
194/29-49005	Honeywell International	118 Rt. 35, Eatontown	16.00	5.50	9.00	J	NJDEP
195/29-49006	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
196/29-49007	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
197/29-49008	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
198/29-49009	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
199/29-49010	Honeywell International	118 Rt. 35, Eatontown	16.00	5.50	9.00	J	NJDEP
200/29-49011	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
201/29-49012	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
202/29-49013	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
203/29-49025	Honeywell International	118 Rt. 35, Eatontown	20.00	9.50	12.00	J	NJDEP
204/29-49026	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
205/29-49027	Honeywell International	118 Rt. 35, Eatontown	20.00	7.50	10.00	J	NJDEP
206/29-49028	Honeywell International	118 Rt. 35, Eatontown	20.00	5.50	10.00	J	NJDEP
207/29-49029	Honeywell International	118 Rt. 35, Eatontown	20.00	7.50	10.00	J	NJDEP
208/29-49030	Honeywell International	118 Rt. 35, Eatontown	20.00	5.50	10.00	J	NJDEP
209/29-49031	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
210/29-49032	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
211/29-49033	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
212/29-49034	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
213/29-49035	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
214/29-49036	Honeywell International	118 Rt. 35, Eatontown	15.00	4.50	8.00	J	NJDEP
215/29-49037	Honeywell International	118 Rt. 35, Eatontown	18.00	7.50	11.00	J	NJDEP
216/29-48129	Honeywell International	118 Rt. 35, Eatontown	13.00	3.00	7.00	M	NJDEP
217/29-48130	Honeywell International	118 Rt. 35, Eatontown	13.00	3.00	7.00	M	NJDEP
218/29-48131	Honeywell International	118 Rt. 35, Eatontown	13.00	3.00	7.00	M	NJDEP
219/29-48133	Honeywell International	118 Rt. 35, Eatontown	20.00	5.00	7.00	M	NJDEP
220/29-48134	Honeywell International	118 Rt. 35, Eatontown	13.00	3.00	7.00	M	NJDEP
221/29-48260	Honeywell International	118 Rt. 35, Eatontown	6.50	1.50	5.50	Z	NJDEP
222/29-48261	Honeywell International	118 Rt. 35, Eatontown	6.50	1.50	5.50	Z	NJDEP
223/29-56703	Redacted - Privacy Act	36 Wyckoff Rd., Eatontown	12.00	2.00	5.00	M	NJDEP
224/29-45231	Redacted - Privacy Act	23 Branch Ave., Oceanport	30.00	n/a	22.00	B	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
225/29-38172	Redacted - Privacy Act	1281 Eatontown Blvd., Oceanport	30.00	10.00	15.00	M	NJDEP
226/29-55303		321 Broad Street, Eatontown	18.00	8.00	10.50	M	NJDEP
227/29-49598		9 Monmouth Pl., Oceanport	12.00	1.75	3.00	M	NJDEP
228/29-49597		9 Monmouth Pl., Oceanport	12.00	1.75	3.00	M	NJDEP
229/29-56337		202 Broad Street, Eatontown	13.00	3.00	7.00	M	NJDEP
230/29-39826	Getty Properties Corp.	157 Broad Street, Eatontown	20.00	5.00	14.00	M	NJDEP
231/29-38679	Allied Signal	118 Rt. 35, Eatontown	17.50	15.50	0.00	J	NJDEP
232/29-38680	Allied Signal	118 Rt. 35, Eatontown	17.50	15.50	0.00	J	NJDEP
233/29-38644	Shell Oil Company	50 Rt. 35 South, Eatontown	16.00	1.00	2.00	M	NJDEP
234/29-38643	Shell Oil Company	50 Rt. 35 South, Eatontown	17.00	2.00	2.00	M	NJDEP
235/29-38678	Allied Signal	118 Rt. 35, Eatontown	14.00	1.00	2.00	M	NJDEP
236/29-50624	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	4.50	5.00	M	NJDEP
237/29-50625	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	4.50	5.00	M	NJDEP
238/29-51377	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	1.50	5.00	M	NJDEP
239/29-51378	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	1.50	5.00	M	NJDEP
240/29-50621	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	4.50	5.00	M	NJDEP
241/29-50622	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	4.50	5.00	M	NJDEP
242/29-50623	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	4.50	5.00	M	NJDEP
243/29-50620	Shell Oil Company	24 RT. 35 & South St., Eatontown	15.00	4.50	5.00	M	NJDEP
244/29-53180	Exxon-Mobil Corp	160 Main Street, Eatontown	15.00	2.00	6.00	M	NJDEP
245/29-53181	Exxon-Mobil Corp	160 Main Street, Eatontown	30.00	25.00	10.00	M	NJDEP
246/29-47022	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
247/29-47023	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
248/29-47024	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
249/29-47025	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
250/29-45153	Exxon-Mobil Corp	Rt.35 & Tinton Ave., Eatontown	13.00	2.70	5.00	M	NJDEP
251/29-45251	Exxon-Mobil Corp	Rt. 35 & Tinton Ave., Eatontown	8.00	2.70	4.00	M	NJDEP
252/29-45031	Exxon-Mobil Corp	Rt. 35 & Tinton Ave., Eatontown	8.00	2.50	4.00	M	NJDEP
253/29-50796	Redacted - Privacy Act	35 Tinton Ave., Eatontown	23.00	8.00	15.00	M	NJDEP
254/29-49532	Exxon-Mobil Corp	Rt. 35 & Tinton Ave., Eatontown	15.00	2.50	7.00	M	NJDEP
255/29-41925	Redacted - Privacy Act	40 Silverbrook Road, Oceanport	11.00	6.00	6.00	M	NJDEP
256/29-41926		40 Silverbrook Road Oceanport	10.50	6.00	6.00	M	NJDEP
257/29-41927		40 Silverbrook Road, Oceanport	12.00	6.00	6.00	M	NJDEP

Fort Monmouth, New Jersey
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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
258/29-41928	Redacted - Privacy Act	40 Silverbrook Road, Oceanport	11.50	6.00	6.00	M	NJDEP
259/29-53263		40 Silverbrook Road, Oceanport	13.00	3.00	4.00	M	NJDEP
260/29-53264		40 Silverbrook Road, Oceanport	12.00	2.00	4.00	M	NJDEP
261/29-46281		25 Silverbrook Rd., Oceanport	12.00	2.00	9.00	M	NJDEP
262/29-50184		214 Silveside Ave., Little Silver	15.00	5.00	6.00	M	NJDEP
263/29-50185		214 Silveside Ave., Little Silver	15.00	5.00	6.00	M	NJDEP
264/29-51835	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
265/29-51836	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
266/29-51839	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
267/29-51840	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
268/29-51838	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
269/29-51841	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
270/29-51842	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
271/29-51843	Contemporary Motors	320 Willow Drive, Little Silver	12.00	1.50	5.00	M	NJDEP
272/29-42928	Redacted - Privacy Act	111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
273/29-42926		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
274/29-42927		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
275/29-42914		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
276/29-42915		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
277/29-42916		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
278/29-42917		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
279/29-42918		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
280/29-42919		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
281/29-42920		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
282/29-42921		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
283/29-42922		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
284/29-42923		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
285/29-42924		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
286/29-42925		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
287/29-42909		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
288/29-42910		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
289?29-42911		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
290/29-42912		111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP

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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
291/29-42913	Redacted - Privacy Act	111 Riverview Rd. Little Silver	18.00	15.00	6.00	E	NJDEP
292/29-48610		129 Riverview Ave, Little Silver	20.00	4.70	11.00	M	NJDEP
293/29-56270		163 Riverview Ave., Little Silver	16.00	5.80	9.00	M	NJDEP
294/29-53726	Javin Partnership	24 Conover Pl., Little Silver	15.00	2.50	7.00	M	NJDEP
295/29-42092	Javin Partnership	24 Conover Pl., Little Silver	13.00	3.00	6.50	M	NJDEP
296/29-44552	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	6.00	M	NJDEP
297/29-44553	Javin Partnership	24 Conover Pl., Little Silver	50.00	40.00	6.00	M	NJDEP
298/29-44554	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	6.00	M	NJDEP
299/29-44555	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	6.00	M	NJDEP
300/29-41415	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	8.00	M	NJDEP
301/29-41416	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	8.00	M	NJDEP
302/29-42091	Javin Partnership	24 Conover Pl., Little Silver	13.00	3.00	6.50	M	NJDEP
303/29-41414	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	8.00	M	NJDEP
304/29-41413	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	8.00	M	NJDEP
305/29-41412	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	8.00	M	NJDEP
306/29-41411	Javin Partnership	24 Conover Pl., Little Silver	14.00	4.00	8.00	M	NJDEP
307/29-39942	Redacted - Privacy Act	111 Riverview Rd. Little Silver	19.00	2.75	3.50	E	NJDEP
308/29-53247	Exxon-Mobil Corp	720 Branch Ave., Little Silver	15.00	3.00	6.00	M	NJDEP
312/29-42937	Redacted - Privacy Act	111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
313/29-42938		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
314/29-42935		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
315/29-42936		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
316/29-42931		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
317/29-42932		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
318/29-42933		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E,W	NJDEP
319/29-42934		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
320/29-42930		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
321/29-42929		111 Riverview Rd. Little Silver	19.00	16.00	7.00	E, W	NJDEP
322/29-48641		52 South Street, Eatontown	15.00	4.50	7.00	M	NJDEP
323/29-46904	Equiva Services	1 Main Street, Oceanport	15.00	2.00	4.00	M	NJDEP

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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
324/29-45037	Redacted - Privacy Act	13 Branch Ave., Oceanport	35.00	25.00	20.00	M	NJDEP
325/29-46457		6 Main Street, Oceanport	70.00	60.00	6.00	G	NJDEP
326/29-38811		62 Asbury Ave., Oceanport	65.00	42.00	6.00	G	NJDEP
327/29-54236		43 Bradley Ave., Oceanport	12.00	2.75	5.00	M	NJDEP
814-1/29-26939	US Army, Ft. Monmouth	Bldg. 814, Main Post	14.00	4.00	4.00	M/S	NJDEP
750-1/29-28992	US Army, Ft. Monmouth	Bldg. 750, Main Post	15.00	5.00	7.50	M	NJDEP
750-2/29-28993	US Army, Ft. Monmouth	Bldg. 750, Main Post	15.00	5.00	7.50	M	NJDEP
750-3/29-28994	US Army, Ft. Monmouth	Bldg. 750, Main Post	15.00	5.00	7.50	M	NJDEP
750-4/29-28995	US Army, Ft. Monmouth	Bldg. 750, Main Post	15.00	5.00	7.50	M	NJDEP
699-1/29-23677-1	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	2.00	4.00	M	NJDEP
699-2/29-23678-9	US Army, Ft. Monmouth	Bldg. 699, Main Post	17.00	15.00	5.00	M	NJDEP
699-3/29-23697	US Army, Ft. Monmouth	Bldg. 699, Main Post	14.50	13.00	4.00	M	NJDEP
699-4/29-23680-7	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.00	2.00	3.00	M	NJDEP
699-5/29-23808	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	3.00	5.00	M	NJDEP
699-6/29-23809-9	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	2.00	4.50	M	NJDEP
699-7/29-23810	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	3.00	3.00	M	NJDEP
699-8/29-23811-1	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	2.00	4.00	M	NJDEP
699-9/29-24639	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	2.00	3.00	M	NJDEP
699-10/29-24640	US Army, Ft. Monmouth	Bldg. 699, Main Post	14.00	1.00	3.00	M	NJDEP
699-12/29-28907	US Army, Ft. Monmouth	Bldg. 699, Main Post	13.50	3.50	7.10	M	NJDEP
699-15/29-33753	US Army, Ft. Monmouth	Bldg. 699, Main Post	13.50	3.50	*	M	NJDEP
699-16/29-33757	US Army, Ft. Monmouth	Bldg. 699, Main Post	13.50	3.50	*	M	NJDEP
699RW11/29-28031	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.00	5.00	*	E	NJDEP
600-01/29-30968	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	2.00	4.00	M	NJDEP
616-01/29-33760	US Army, Ft. Monmouth	Bldg. 699, Main Post	14.00	4.00	8.00	M	NJDEP
699RW03/29-43891	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.00	5.00	*	E	NJDEP
699RW04/29-43892	US Army, Ft. Monmouth	Bldg. 699, Main Post	19.00	4.00	*	E	NJDEP
699RW05/29-56509	US Army, Ft. Monmouth	Bldg. 699, Main Post	15.00	4.50	*	E	NJDEP
699SP01/29-43893	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.50	18.00	*	J	NJDEP
699SP02/29-43894	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.20	17.70	*	J	NJDEP
699SP03/29-43895	US Army, Ft. Monmouth	Bldg. 699, Main Post	19.30	16.80	*	J	NJDEP
699SP04/29-43896	US Army, Ft. Monmouth	Bldg. 699, Main Post	19.70	16.80	*	J	NJDEP
699SP05/29-43897	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.20	17.70	*	J	NJDEP

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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
699SP06/29-43898	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.20	17.70	*	J	NJDEP
699SP07/29-43899	US Army, Ft. Monmouth	Bldg. 699, Main Post	19.40	16.90	*	J	NJDEP
699SP08/20-43900	US Army, Ft. Monmouth	Bldg. 699, Main Post	19.40	16.00	*	J	NJDEP
699SP09/29-56512	US Army, Ft. Monmouth	Bldg. 699, Main Post	18.00	16.00	*	J	NJDEP
699SP10/29-56513	US Army, Ft. Monmouth	Bldg. 699, Main Post	18.00	16.00	*	J	NJDEP
699VP-10/29-56511	US Army, Ft. Monmouth	Bldg. 699, Main Post	13.00	3.00	*	J	NJDEP
699VP-11/29-56510	US Army, Ft. Monmouth	Bldg. 699, Main Post	13.00	3.00	*	J	NJDEP
108MW01/29-29739	US Army, Ft. Monmouth	Bldg. 108, Main Post	13.00	3.00	4.00	M	NJDEP
108MW02/29-29740	US Army, Ft. Monmouth	Bldg. 108, Main Post	13.00	3.00	4.00	M	NJDEP
108MW03/29-29741	US Army, Ft. Monmouth	Bldg. 108, Main Post	13.00	3.00	4.00	M	NJDEP
108MW04/29-33762	US Army, Ft. Monmouth	Bldg. 108, Main Post	12.00	2.00	4.00	M	NJDEP
M2MW01/29-32584	US Army, Ft. Monmouth	M-2 Landfill, Main Post	22.00	7.00	15.00	M	NJDEP
M2MW02/29-32585	US Army, Ft. Monmouth	M-2 Landfill, Main Post	17.00	7.00	9.00	M	NJDEP
M2MW03/29-32586	US Army, Ft. Monmouth	M-2 Landfill, Main Post	15.00	5.00	7.00	M	NJDEP
M2MW04/29-37988	US Army, Ft. Monmouth	M-2 Landfill, Main Post	19.00	4.00	6.00	M	NJDEP
M2MW05/29-39285	US Army, Ft. Monmouth	M-2 Landfill, Main Post	13.00	3.00	5.00	M	NJDEP
M2MW06/29-39184	US Army, Ft. Monmouth	M-2 Landfill, Main Post	15.00	5.00	7.00	M	NJDEP
M2MW07/29-39183	US Army, Ft. Monmouth	M-2 Landfill, Main Post	15.00	5.00	7.00	M	NJDEP
M2MW08/29-39182	US Army, Ft. Monmouth	M-2 Landfill, Main Post	15.00	5.00	7.00	M	NJDEP
MWMW09/29-39181	US Army, Ft. Monmouth	M-2 Landfill, Main Post	15.00	5.00	7.00	M	NJDEP
M2MW10/29-39180	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW11/29-42769	US Army, Ft. Monmouth	M-2 Landfill, Main Post	49.00	29.00	11.00	M	NJDEP
M2MW12/29-42770	US Army, Ft. Monmouth	M-2 Landfill, Main Post	50.00	30.00	11.50	M	NJDEP
M2MW13/29-42771	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW14/29-42562	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	12.50	M	NJDEP
M2MW15/29-42773	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW16/29-42774	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW17/29-42775	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW18/29-42776	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW19/29-42777	US Army, Ft. Monmouth	M-2 Landfill, Main Post	50.00	30.00	12.00	M	NJDEP
M2MW20/29-42778	US Army, Ft. Monmouth	M-2 Landfill, Main Post	50.00	30.00	10.00	M	NJDEP
M2MW21/29-42779	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW22/29-42780	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP

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M2MW23/29-42781	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M2MW24/29-42772	US Army, Ft. Monmouth	M-2 Landfill, Main Post	20.00	5.00	9.00	M	NJDEP
M3MW04/29-32658	US Army, Ft. Monmouth	M-3 Landfill, Main Post	23.00	8.00	10.00	M	NJDEP
M3MW05/29-32569	US Army, Ft. Monmouth	M-3 Landfill, Main Post	16.00	6.00	6.50	M	NJDEP
M3MW06/29-32570	US Army, Ft. Monmouth	M-3 Landfill, Main Post	15.00	5.00	6.50	M	NJDEP
M3MW07/29-39173	US Army, Ft. Monmouth	M-3 Landfill, Main Post	15.00	5.00	6.00	M	NJDEP
M3MW08/29-39174	US Army, Ft. Monmouth	M-3 Landfill, Main Post	15.00	5.00	6.00	M	NJDEP
M3MW09/29-39175	US Army, Ft. Monmouth	M-3 Landfill, Main Post	15.00	5.00	6.00	M	NJDEP
M3MW10/29-39176	US Army, Ft. Monmouth	M-3 Landfill, Main Post	15.00	5.00	6.00	M	NJDEP
M3MW11/29-39145	US Army, Ft. Monmouth	M-3 Landfill, Main Post	15.00	2.00	6.00	M	NJDEP
M4MW07/29-32571	US Army, Ft. Monmouth	M-4 Landfill, Main Post	15.50	5.50	6.00	M	NJDEP
M4MW08/29-32572	US Army, Ft. Monmouth	M-4 Landfill, Main Post	19.00	4.00	5.50	M	NJDEP
M4MW09/29-32573	US Army, Ft. Monmouth	M-4 Landfill, Main Post	22.00	7.00	4.50	M	NJDEP
M4MW10/29-41644	US Army, Ft. Monmouth	M-4 Landfill, Main Post	18.00	3.00	6.00	M	NJDEP
M5MW10/29-32574	US Army, Ft. Monmouth	M-5 Landfill, Main Post	15.00	5.00	2.50	M	NJDEP
M5MW11/29-32575	US Army, Ft. Monmouth	M-5 Landfill, Main Post	15.00	5.00	5.00	M	NJDEP
M5MW12/29-39179	US Army, Ft. Monmouth	M-5 Landfill, Main Post	15.00	5.00	6.00	M	NJDEP
M5MW13/29-39178	US Army, Ft. Monmouth	M-5 Landfill, Main Post	20.00	5.00	6.00	M	NJDEP
M5MW14/29-39177	US Army, Ft. Monmouth	M-5 Landfill, Main Post	20.00	5.00	6.00	M	NJDEP
M5MW15/29-40120	US Army, Ft. Monmouth	M-5 Landfill, Main Post	18.00	5.00	7.00	M	NJDEP
M5MW16/29-40121	US Army, Ft. Monmouth	M-5 Landfill, Main Post	16.00	3.00	7.00	M	NJDEP
M5MW18/29-40123	US Army, Ft. Monmouth	M-5 Landfill, Main Post	18.00	3.00	7.00	M	NJDEP
M5MW19/29-40124	US Army, Ft. Monmouth	M-5 Landfill, Main Post	18.00	3.00	7.00	M	NJDEP
M5MW20/29-40124	US Army, Ft. Monmouth	M-5 Landfill, Main Post	14.00	4.00	7.00	M	NJDEP
M5MW23/29-40125	US Army, Ft. Monmouth	M-5 Landfill, Main Post	18.00	3.00	7.00	M	NJDEP
M5MW24/29-41724	US Army, Ft. Monmouth	M-5 Landfill, Main Post	38.00	13.00	7.50	M-6	NJDEP
M5MW25/29-40126	US Army, Ft. Monmouth	M-5 Landfill, Main Post	18.00	3.00	7.00	M	NJDEP
M8MW12/29-32560	US Army, Ft. Monmouth	M-8 Landfill, Main Post	15.00	5.00	7.50	M	NJDEP
M8MW13/29-32561	US Army, Ft. Monmouth	M-8 Landfill, Main Post	16.00	5.00	3.00	M	NJDEP
M8MW14/29-32562	US Army, Ft. Monmouth	M-8 Landfill, Main Post	16.00	5.00	6.50	M	NJDEP
M8MW15/29-32563	US Army, Ft. Monmouth	M-8 Landfill, Main Post	16.00	4.50	3.00	M	NJDEP
M8MW01/29-31776	US Army, Ft. Monmouth	M-8 Landfill, Main Post	17.50	2.50	12.00	M	NJDEP
M8MW16/29-39146	US Army, Ft. Monmouth	M-8 Landfill, Main Post	13.00	3.00	4.00	M	NJDEP
M8MW17/29-39147	US Army, Ft. Monmouth	M-8 Landfill, Main Post	13.00	3.00	4.00	M	NJDEP

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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
M8MW18/29-39148	US Army, Ft. Monmouth	M-8 Landfill, Main Post	18.00	3.00	4.00	M	NJDEP
M8MW19/29-39149	US Army, Ft. Monmouth	M-8 Landfill, Main Post	18.00	3.00	4.00	M	NJDEP
M8MW20/29-39150	US Army, Ft. Monmouth	M-8 Landfill, Main Post	15.00	5.00	7.00	M	NJDEP
M8MW21/29-39151	US Army, Ft. Monmouth	M-8 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M8MW22/29-39152	US Army, Ft. Monmouth	M-8 Landfill, Main Post	20.00	5.00	7.00	M	NJDEP
M8MW23/29-40128	US Army, Ft. Monmouth	M-8 Landfill, Main Post	15.00	3.00	5.00	M	NJDEP
M8MW24/29-40127	US Army, Ft. Monmouth	M-8 Landfill, Main Post	38.00	13.00	7.50	M	NJDEP
M12MW16/29-32576	US Army, Ft. Monmouth	M-12 Landfill, Main Post	14.50	4.50	2.00	M	NJDEP
M12MW17/29-32577	US Army, Ft. Monmouth	M-12 Landfill, Main Post	14.50	4.50	3.00	M	NJDEP
M12MW18/29-32578	US Army, Ft. Monmouth	M-12 Landfill, Main Post	14.50	4.50	2.00	M	NJDEP
M12MW19/29-41779	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M12MW20/29-41780	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M12MW21/29-41781	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M12MW22/29-41782	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M12MW23/29-41783	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M12MW24/29-41784	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M12MW25/29-41785	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M12MW26/29-41856	US Army, Ft. Monmouth	M-12 Landfill, Main Post	18.00	3.00	5.00	M	NJDEP
M14MW19/29-32579	US Army, Ft. Monmouth	M-14 Landfill, Main Post	15.00	5.00	5.50	M	NJDEP
M14MW20/29-32580	US Army, Ft. Monmouth	M-14 Landfill, Main Post	15.50	4.50	4.50	M	NJDEP
M14MW21/29-32581	US Army, Ft. Monmouth	M-14 Landfill, Main Post	16.00	6.00	6.00	M	NJDEP
M14MW22/29-41787	US Army, Ft. Monmouth	M-14 Landfill, Main Post	18.00	3.00	6.00	M	NJDEP
M14MW23/29-41786	US Army, Ft. Monmouth	M-14 Landfill, Main Post	18.00	3.00	6.00	M	NJDEP
M14MW24/29-41788	US Army, Ft. Monmouth	M-14 Landfill, Main Post	18.00	3.00	6.00	M	NJDEP
M18MW24/29-32565	US Army, Ft. Monmouth	M-18 Landfill, Main Post	15.50	4.50	2.00	M	NJDEP
M18MW25/29-32566	US Army, Ft. Monmouth	M-18 Landfill, Main Post	15.50	4.50	2.50	M	NJDEP
117MW01/29-31772	US Army, Ft. Monmouth	Bldg. 117, Main Post	12.50	2.50	7.00	M	NJDEP
296MW01/29-20979	US Army, Ft. Monmouth	Bldg. 296, Main Post	15.00	2.00	3.50	M	NJDEP
296MW02/29-30980	US Army, Ft. Monmouth	Bldg. 296, Main Post	12.50	2.00	3.00	M	NJDEP
296MW03/29-30975	US Army, Ft. Monmouth	Bldg. 296, Main Post	12.50	2.00	2.50	M	NJDEP
296MW04/29-33989	US Army, Ft. Monmouth	Bldg. 296, Main Post	10.00	0.50	0.50	M	NJDEP
296MW06/29-30976	US Army, Ft. Monmouth	Bldg. 296, Main Post	12.50	2.00	1.50	M	NJDEP
296MW07/29-30973	US Army, Ft. Monmouth	Bldg. 296, Main Post	12.50	1.50	3.00	M	NJDEP

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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
296MW08/29-30974	US Army, Ft. Monmouth	Bldg. 296, Main Post	12.00	1.50	3.00	M	NJDEP
290MW01/29-30961	US Army, Ft. Monmouth	Bldg. 290, Main Post	12.50	2.00	3.00	M	NJDEP
290MW02/29-33761	US Army, Ft. Monmouth	Bldg. 290, Main Post	11.50	1.50	4.00	M	NJDEP
80MW01/29-31774	US Army, Ft. Monmouth	Bldg. 80, Main Post	13.00	3.00	3.00	M	NJDEP
80MW02/29-43199	US Army, Ft. Monmouth	Bldg. 80, Main Post	12.00	2.00	6.00	M	NJDEP
80MW03/29-43201	US Army, Ft. Monmouth	Bldg. 80, Main Post	12.00	2.00	6.00	M	NJDEP
80MW04/29-43200	US Army, Ft. Monmouth	Bldg. 80, Main Post	12.00	2.00	6.00	M	NJDEP
80MW05/29-43202	US Army, Ft. Monmouth	Bldg. 80, Main Post	12.00	2.00	6.00	M	NJDEP
166MW01/29-31773	US Army, Ft. Monmouth	Bldg. 166, Main Post	13.00	0.00	3.00	M	NJDEP
1122MW01/29-33755	US Army, Ft. Monmouth	Bldg. 1122, Main Post	18.00	5.00	7.00	M	NJDEP
1122MW02/29-33754	US Army, Ft. Monmouth	Bldg. 1122, Main Post	15.00	3.00	6.00	M	NJDEP
1122MW03/29-43196	US Army, Ft. Monmouth	Bldg. 1122, Main Post	14.00	4.00	6.00	M	NJDEP
1122MW04/29-43197	US Army, Ft. Monmouth	Bldg. 1122, Main Post	14.00	4.00	6.00	M	NJDEP
1122MW05/29-43198	US Army, Ft. Monmouth	Bldg. 1122, Main Post	15.00	5.00	6.00	M	NJDEP
283MW02/29-40887	US Army, Ft. Monmouth	Bldg. 283, Main Post	20.00	5.00	9.00	M	NJDEP
283MW01/29-40367	US Army, Ft. Monmouth	Bldg. 283, Main Post	25.00	5.00	8.00	M	NJDEP
283MW03/29-41650	US Army, Ft. Monmouth	Bldg. 283, Main Post	20.00	5.00	8.00	M	NJDEP
283MW04/29-50701	US Army, Ft. Monmouth	Bldg. 283, Main Post	18.00	3.00	7.50	M	NJDEP
283MW05/29-50702	US Army, Ft. Monmouth	Bldg. 283, Main Post	18.00	3.00	7.50	M	NJDEP
283MW06/29-50703	US Army, Ft. Monmouth	Bldg. 283, Main Post	18.00	3.00	7.50	M	NJDEP
812MW01/29-42572	US Army, Ft. Monmouth	Bldg. 812, Main Post	50.00	30.00	2.00	M	NJDEP
812MW02/29-42573	US Army, Ft. Monmouth	Bldg. 812, Main Post	50.00	30.00	7.00	M	NJDEP
812MW03/29-42574	US Army, Ft. Monmouth	Bldg. 812, Main Post	50.00	30.00	8.00	M	NJDEP
812MW04/29-42575	US Army, Ft. Monmouth	Bldg. 812, Main Post	7.00	2.00	5.50	M	NJDEP
812MW05/29-42576	US Army, Ft. Monmouth	Bldg. 812, Main Post	18.00	8.00	10.00	M	NJDEP
812MW06/29-42577	US Army, Ft. Monmouth	Bldg. 812, Main Post	16.00	6.00	8.00	M	NJDEP
812MW07/29-42578	US Army, Ft. Monmouth	Bldg. 812, Main Post	18.00	8.00	11.50	M	NJDEP
812MW08/29-42579	US Army, Ft. Monmouth	Bldg. 812, Main Post	16.00	6.00	6.50	M	NJDEP
812MW09/29-42580	US Army, Ft. Monmouth	Bldg. 812, Main Post	16.00	6.00	5.00	M	NJDEP
812MW10/29-42581	US Army, Ft. Monmouth	Bldg. 812, Main Post	16.00	6.00	6.00	M	NJDEP
812MW11/29-42582	US Army, Ft. Monmouth	Bldg. 812, Main Post	15.00	5.00	6.00	M	NJDEP
812MW12/29-42583	US Army, Ft. Monmouth	Bldg. 812, Main Post	16.00	6.00	5.00	M	NJDEP
1108MW01/29-31785	US Army, Ft. Monmouth	Bldg. 1108, Main Post	15.00	5.00	6.34	M/S	NJDEP

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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
812MW13/29-42584	US Army, Ft. Monmouth	Bldg. 812, Main Post	19.00	9.00	10.00	M	NJDEP
812MW14/29-42888	US Army, Ft. Monmouth	Bldg. 812, Main Post	15.00	5.00	7.00	M	NJDEP
886MW01/29-47835	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	M	NJDEP
886MW02/29-47836	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	M	NJDEP
886MW03/29-47837	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	M	NJDEP
886MW04/29-47838	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	M	NJDEP
886MW05/29-47839	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	M	NJDEP
886RW01/29-47840	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
886RW02/29-47841	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
886RW03/29-47842	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
886RW04/29-47843	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
886RW05/29-47844	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
886RW06/29-47845	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
886RW07/29-47846	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
886RW08/29-47847	US Army, Ft. Monmouth	Bldg. 886, MainPost	17.00	2.00	6.00	E	NJDEP
287MW01/29-30964	US Army, Ft. Monmouth	Bldg. 287, Main Post	15.00	2.00	3.00	M	NJDEP
800MW01/29-42459	US Army, Ft. Monmouth	Bldg. 800, Main Post	15.00	5.00	6.00	M	NJDEP
949MW01/29-42458	US Army, Ft. Monmouth	Bldg. 949, Main Post	15.00	5.00	7.00	M	NJDEP
1220MW01/29-30965	US Army, Ft. Monmouth	Bldg. 1220, Main Post	15.00	2.00	8.00	M	NJDEP
430MW01/29-33756	US Army, Ft. Monmouth	Bldg. 430, Main Post	12.50	2.50	4.00	M	NJDEP
210MW01/29-31972	US Army, Ft. Monmouth	Bldg. 210, Main Post	12.00	2.00	*	M	NJDEP
482MW01/29-33759	US Army, Ft. Monmouth	Bldg. 482, Main Post	12.00	2.00	3.00	M	NJDEP
208BMW01/29-30963	US Army, Ft. Monmouth	Bldg. 208, Main Post	15.00	2.00	3.50	M	NJDEP
689MW01/29-30966	US Army, Ft. Monmouth	Bldg. 689, Main Post	12.50	2.00	*	M/S	NJDEP
689MW02/29-30967	US Army, Ft. Monmouth	Bldg. 689, Main Post	12.50	2.00	*	M/S	NJDEP
616MW01/29-33760	US Army, Ft. Monmouth	Bldg. 616, Main Post	14.00	4.00	*	M	NJDEP
207MW01/29-30957	US Army, Ft. Monmouth	Bldg. 207, Main Post	15.00	1.50	*	M/S	NJDEP
Gate6MW01/29-37520	US Army, Ft. Monmouth	Gate 6 (Nicodemus Gate), Main Post	52.00	42.50	19.00	D	NJDEP
BWMW01B/29-32587	US Army, Ft. Monmouth	Background well #1, Main Post	14.00	4.00	2.50	M	NJDEP
BWMW02B/29-32588	US Army, Ft. Monmouth	Background well #2, Main Post	20.00	10.00	10.50	M	NJDEP
BWMW03B/29-32589	US Army, Ft. Monmouth	Background well #3, Main Post	26.00	16.00	10.00	M	NJDEP
BWMW04B/29-32567	US Army, Ft. Monmouth	Background well #4, Main Post	16.00	5.00	5.00	M	NJDEP

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BWMW05B/29-32583	US Army, Ft. Monmouth	Background well #5, Main Post	15.50	4.50	4.00	M	NJDEP
BWMW06B/29-32602	US Army, Ft. Monmouth	Background well #6, Main Post	15.00	4.00	3.50	M	NJDEP
BWMW07B/29-32604	US Army, Ft. Monmouth	Background well #7, Main Post	16.00	5.00	7.50	M	NJDEP
BWMW08B/29-32598	US Army, Ft. Monmouth	Background well #8, Main Post	15.00	5.00	3.50	M	NJDEP
BWMW09B/29-32603	US Army, Ft. Monmouth	Background well #9, Main Post	15.00	5.00	5.00	M	NJDEP
BWMW10B/29-32605	US Army, Ft. Monmouth	Background well #10, Main Post	14.50	4.50	3.50	M	NJDEP
161MW01/29-31775	US Army, Ft. Monmouth	Bldg.161, Main Post	12.00	2.00	*	M	NJDEP
697MW01/29-31776	US Army, Ft. Monmouth	Bldg. 697, Main Post	17.50	2.50	*	M	NJDEP
206MW01/29-31784	US Army, Ft. Monmouth	Bldg. 206, Main Post	12.50	2.50	*	M	NJDEP
65AMW01/29-29938	US Army, Ft. Monmouth	Bldg. 65a, Main Post	12.00	2.00	*	M	NJDEP
CenterMW01/29-39123	Birchwood Real Estate Dev.	Center Street (lot 22; b 46), Eatontown	200.00	180.00	13.00	D	NJDEP
RoseMW13/29-43830	Getty Properties Corp.	30 Rose Ct., Eatontown	17.00	6.80	13.00	M	NJDEP
E117MW01/29-33219	Boro of Eatontown	117 Broad Street, Eatontown	19.00	9.00	13.00	M	NJDEP
E117MW09/29-33220	Boro of Eatontown	117 Broad Street, Eatontown	19.00	9.00	13.50	M	NJDEP
E117MW04/29-31968	Boro of Eatontown	117 Broad Street, Eatontown	20.00	10.00	13.00	M	NJDEP
TRW-1/29-37605	Allied Signal	118 Rt. 35, Eatontown	22.00	5.75	6.00	E	NJDEP
TRW-2/29-37602	Allied Signal	118 Rt. 35, Eatontown	22.00	5.75	6.00	E	NJDEP
AlliedU-2/29-37604	Allied Signal	118 Rt. 35, Eatontown	22.00	5.75	6.00	E	NJDEP
RW-6/29-35130	Allied Signal	118 Rt. 35, Eatontown	46.00	4.00	9.00	E	NJDEP
RW-2/29-35129	Allied Signal	118 Rt. 35, Eatontown	48.00	4.00	8.50	E	NJDEP
RW-4/29-35128	Allied Signal	118 Rt. 35, Eatontown	47.00	4.00	9.00	E	NJDEP
RW-3/29-35127	Allied Signal	118 Rt. 35, Eatontown	49.50	4.00	8.50	E	NJDEP
ASMW03/29-22120	Allied Signal	118 Rt. 35, Eatontown	40.00	30.00	*	E	NJDEP
ASMW02/29-22104	Allied Signal	118 Rt. 35, Eatontown	45.00	35.00	*	E	NJDEP
ASMW01/29-221030	Allied Signal	118 Rt. 35, Eatontown	40.00	30.00	*	E	NJDEP
E117MW03/29-31967	Boro of Eatontown	117 Broad Street, Eatontown	20.00	10.00	13.00	M	NJDEP
21LewisMW04/29-33772	Boro of Eatontown	21 Lewis Street	13.00	3.00	4.00	M	NJDEP
21LewisMW05/29-33773	Boro of Eatontown	21 Lewis Street	13.00	3.00	4.00	M	NJDEP
E117MW05/29-31969	Boro of Eatontown	117 Broad Street, Eatontown	20.00	10.00	13.00	M	NJDEP
21 LewisMW03/29-33771	Boro of Eatontown	21 Lewis Street	13.00	3.00	4.00	M	NJDEP
20 LewisMW08/29-33770	Boro of Eatontown	20 Lewis Street	13.00	3.00	4.00	M	NJDEP
20 LewisMW07/29-33769	Boro of Eatontown	20 Lewis Street	13.00	3.00	4.00	M	NJDEP
EMMW01/29-37524	Exxon-Mobil Corp	Rt. 35 & Tinton Ave., Eatontown	14.00	2.00	5.00	M	NJDEP
DW-3/29-32841	Allied Signal	118 Rt. 35, Eatontown	56.00	44.00	9.20	M	NJDEP

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DW-2/29-32840	Allied Signal	118 Rt. 35, Eatontown	52.00	40.00	9.00	M	NJDEP
SW-1/29-32839	Allied Signal	118 Rt. 35, Eatontown	12.00	2.00	3.40	M	NJDEP
DW-1/29-32838	Allied Signal	118 Rt. 35, Eatontown	38.00	24.00	3.50	M	NJDEP
WGIG01/29-22526	Redacted - Privacy Act	10 Alwin Terrace, Little Silver	173.00	158.00	6.00	G	NJDEP
1076MW01/29-26940	US Army, Ft. Monmouth	Bldg. 1076, Main Post	15.00	3.00	5.50	M	NJDEP
1076MW02/29-26941	US Army, Ft. Monmouth	Bldg. 1076, Main Post	14.00	4.00	5.00	M	NJDEP
1076MW03/29-26942	US Army, Ft. Monmouth	Bldg. 1076, Main Post	15.00	5.00	6.00	M	NJDEP
LMW01/49-000551	US Army, Ft. Monmouth	Landfill, Main Post	9.85	3.05	5.08	M	NJDEP
LMW02/49-000552	US Army, Ft. Monmouth	Landfill, Main Post	16.99	1.30	*	M	NJDEP
LMW03/49-000553	US Army, Ft. Monmouth	Landfill, Main Post	16.43	1.62	10.83	M	NJDEP
LMW04/49-000554	US Army, Ft. Monmouth	Landfill, Main Post	10.25	1.90	*	M	NJDEP
282MW01/29-30962	US Army, Ft. Monmouth	Bldg. 282, Main Post	15.00	4.50	4.00	M/S	NJDEP
65IW01/29-08438	Redacted - Privacy Act	65 Monmouth Blvd., Oceanport	58.00	50.00	13.00	D	NJDEP
980MW01/29-40077	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	12.50	2.50	3.00	M	NJDEP
980MW02/29-40078	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	14.00	2.00	3.00	M	NJDEP
980MW03/29-40079	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	12.00	2.00	4.80	M	NJDEP
980MW05/29-51884	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	13.00	3.00	3.50	M	NJDEP
980MW06/29-51885	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	13.00	3.00	3.00	M	NJDEP
NRDMW07/29-39066	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	15.00	4.50	8.00	M	NJDEP
NRDMW08/29-39067	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	64.00	44.00	12.00	M	NJDEP
NRDMW09/29-40631	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	15.00	5.00	8.00	M	NJDEP
NRDMW10/29-41633	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	14.00	4.00	6.00	M	NJDEP
NRDMW11/29-41634	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	12.00	2.00	6.00	M	NJDEP
NRDMW12/29-41635	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	13.00	3.00	6.00	M	NJDEP
NRDMW13/20-41636	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	14.00	4.00	6.00	M	NJDEP
NRDMW14/29-43777	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	15.00	5.00	7.00	M	NJDEP
1138DW/29-19540	Redacted - Privacy Act Wolf Press	1138 Pinebrook Rd., Tinton Falls	215.00	200.00	33.00	D	NJDEP
7IG01/29-28128	Redacted - Privacy Act	7 Violante Court, Eatontown	40.00	30.00	8.00	G	NJDEP
30DM01/29-13163		30 Victor Ave., Eatontown	51.00	41.00	5.00	D	NJDEP
144DM01/29-16207		144 Grant Ave., Eatontown	117.00	111.00	12.00	D	NJDEP
11/29-25316	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	4.00	6.40	M	NJDEP
12/29-25317	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	6.70	M	NJDEP
13/29-25318	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	7.00	M	NJDEP
14/29-25319	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	7.00	M	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
15/29-25320	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	7.00	M	NJDEP
16/29-26053	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	*	M	NJDEP
17/29-26054	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	*	M	NJDEP
18/29-26055	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	*	M	NJDEP
19/29-26056	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	15.00	5.00	7.00	M	NJDEP
23/29-27770	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	23.00	3.00	8.00	E	NJDEP
24/29-27771	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	18.00	5.00	8.00	E	NJDEP
25/29-27772	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	18.00	5.00	8.00	E	NJDEP
26/29-27773	Mobil Oil Corp.	Block 8, Lot 5, Eatontown	18.00	5.00	8.00	E	NJDEP
46/29-26806	Exxon Corp.	Block 2; Lot 7.01, 8, Eatontown	15.00	3.00	5.00	M	NJDEP
47/29-26807	Exxon Corp.	Block 2; Lot 7.01, 8, Eatontown	16.00	3.00	5.00	M	NJDEP
48/29-26808	Exxon Corp.	Block 2; Lot 7.01, 8, Eatontown	17.00	3.00	6.00	M	NJDEP
49/29-26809	Exxon Corp.	Block 2; Lot 7.01, 8, Eatontown	17.00	3.00	5.00	M	NJDEP
50/29-14593	Amoco Oil Company	Route 35 South, Eatontown	16.50	1.50	12.00	M	NJDEP
51/29-14594	Amoco Oil Company	Route 35 South, Eatontown	16.50	1.50	12.00	M	NJDEP
52/29-14595	Amoco Oil Company	Route 35 South, Eatontown	16.50	1.50	12.00	M	NJDEP
53/29-14596	Amoco Oil Company	Route 35 South, Eatontown	16.50	1.50	12.00	M	NJDEP
EMMW06/29-53181	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	30.00	25.00	10.00	M	NJDEP
160EMMW6/29-53180	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	15.00	2.00	13.00	M	NJDEP
RT35SMW19R/29-47025	Equia Services	Rt. 35 & South Street	15.00	13.00	4.00	M	NJDEP
Rt.35SMW12R/29-47026	Equia Services	Rt. 35 & South Street	15.00	13.00	4.00	M	NJDEP
RT.35SMW11R/29-47023	Equia Services	Rt. 35 & South Street	15.00	13.00	4.00	M	NJDEP
EMMW12/29-45031	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	8.00	2.50	4.00	M	NJDEP
Rt.35SMW04R/29-47022	Equia Services	Rt. 35 & South Street	15.00	2.00	4.00	M	NJDEP
EMMW13/29-45251	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	8.00	2.70	4.00	M	NJDEP
EMMW1/29-45153	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	13.00	2.70	5.00	M	NJDEP
EMMW12/29-49532	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	15.00	2.50	7.00	M	NJDEP
84MW01/29-40281	Redacted - Privacy Act	84 High Street, Eatontown	30.00	15.00	18.00	M	NJDEP
RW01202/29-56339		202 Broad Street, Eatontown	15.00			E	NJDEP
RW02202/29-56341		202 Broad Street, Eatontown	15.00			E	NJDEP
RW03202/29-56344		202 Broad Street, Eatontown	15.00			E	NJDEP
IW01489/29-52789		489 Driveway, Oceanport, NJ	170.00			G	NJDEP
DW018/29-46457		9 Main Street, Oceanport, NJ	70.00			D	NJDEP
814/29-26939	US Army, Ft. Monmouth	Bldg. 814 Main Post, Ft. Monmouth	14.00	4.00	4.00	M/S	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
324/29-14168	Vincent J. Russo, Bldr.	Block 70.1, Lot 90, Little Silver	184.00	165.00	5.00	G	NJDEP
L1/49-00551	US Army, Ft. Monmouth	Landfill, Main Post	9.85	3.05	5.08	M	NJDEP
L2/49-00552	US Army, Ft. Monmouth	Landfill, Main Post	16.99	1.30	*	M	NJDEP
L3/49-00553	US Army, Ft. Monmouth	Landfill, Main Post	16.43	1.62	10.83	M	NJDEP
L4/49-00554	US Army, Ft. Monmouth	Landfill, Main Post	10.25	1.90	*	M	NJDEP
MW22498/29-32582	US Army, Ft. Monmouth	Bldg. 498 Main Post, Ft. Monmouth	15.50	4.50	7.00	M/S	NJDEP
250MW01/29-29742	US Army, Ft. Monmouth	Bldg. 250 Main Post, Ft. Monmouth	25.00	5.00	7.00	M/S	NJDEP
250MW02/29-29743	US Army, Ft. Monmouth	Bldg. 250 Main Post, Ft. Monmouth	25.00	5.00	7.00	M/S	NJDEP
250MW03/29-29744	US Army, Ft. Monmouth	Bldg. 250 Main Post, Ft. Monmouth	25.00	5.00	7.00	M/S	NJDEP
250MW04/29-29745	US Army, Ft. Monmouth	Bldg. 250 Main Post, Ft. Monmouth	25.00	5.00	7.00	M/S	NJDEP
9RW-00/29-49595	Estate of Redacted - Privacy Act	9 Monmouth Pl., Oceanport	15.00	*	*	E	NJDEP
9RW-01/29-56425	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
9RW-02/29-56426	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
9RW-03/29-56427	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
9RW-04/29-56428	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
9RW-05/29-56429	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
9RW-06/29-56430	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
9RW-07/29-56431	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
9RW-08/29-56432	Estate of	9 Monmouth Pl., Oceanport	13.00	*	*	E	NJDEP
43IG-01/29-40568	Redacted - Privacy Act	43 Park Ave., Eatontown	60.00	*	*	G	NJDEP
43IG-02/29-42552		43 Park Ave., Eatontown	60.00	*	*	G	NJDEP
29-04782		Asbury Ave., Oceanport	50.00	45.75	7.00	D	NJDEP
DW12401/29-01016		128 Leonard Ave., Oceanport	150.00	133.00	2.00	D	NJDEP
69903-1/29-11063	US Army, Ft. Monmouth	Bldg. 699, Main Post	20.00	0.00	0.00	M/S	NJDEP
69903-2/29-11064	US Army, Ft. Monmouth	Bldg. 699, Main Post	23.00	5.00	0.00	M/S	NJDEP
69903-3/29-11065	US Army, Ft. Monmouth	Bldg. 699, Main Post	25.00	5.00	0.00	M/S	NJDEP
69903-4/29-11066	US Army, Ft. Monmouth	Bldg. 699, Main Post	25.00	5.00	0.00	M/S	NJDEP
69903-5/29-11067	US Army, Ft. Monmouth	Bldg. 699, Main Post	25.00	5.00	0.00	M/S	NJDEP
69903-6/29-11068	US Army, Ft. Monmouth	Bldg. 699, Main Post	25.00	5.00	0.00	M/S	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
5/29-27751	The Ranney School	235 Hope Rd., Tinton Falls	14.00	4.00	8.00	M	NJDEP
6/29-27752	The Ranney School	235 Hope Rd., Tinton Falls	14.00	4.00	6.00	M	NJDEP
7/29-27800	The Ranney School	235 Hope Rd., Tinton Falls	12.00	2.00	3.67	M	NJDEP
8/29-14431	The Ranney School	235 Hope Rd., Tinton Falls	25.00	5.00	5.00	G	NJDEP
9/29-11142	Redacted - Privacy Act	27 Devon Court, Tinton Falls	46.00	32.00	6.00	G	NJDEP
10/29-21698		463 Tinton Ave., Tinton Falls	186.00	171.00	32.00	D	NJDEP
20/29-26865	Eatontown Board of Education	250 Pinebrook Rd., Eatontown	12.00	2.00	10.00	M	NJDEP
21/29-26866	Eatontown Board of Education	250 Pinebrook Rd., Eatontown	12.00	2.00	10.00	M	NJDEP
22/29-26867	Eatontown Board of Education	250 Pinebrook Rd., Eatontown	12.00	2.00	10.00	M	NJDEP
27/29-28140	Redacted - P	539 Tinton Ave., Tinton Falls	261.00	241.00	21.00	D	NJDEP
28/29-28781	County of Monmouth	Hwy. District 316 (B-97, L-21.01), Tinton Falls	17.00	7.00	11.08	M	NJDEP
29/29-28782	County of Monmouth	Hwy. District 316 (B-97, L-21.01), Tinton Falls	17.00	7.00	7.17	M	NJDEP
30/29-29607	County of Monmouth	Hwy. District 316 (B-97, L-21.01), Tinton Falls	17.50	7.50	8.33	M	NJDEP
31/29-29623	County of Monmouth	Hwy. District 316 (B-97, L-21.01), Tinton Falls	14.00	4.00	6.56	M	NJDEP
32/29-16775	NJDOT	Block 113, Lot 8A, 9A, Tinton Falls	63.00	58.00	*	M	NJDEP
33/29-16776	NJDOT	Block 113, Lot 8A, 9A, Tinton Falls	76.50	71.50	*	M	NJDEP
34/29-27443	County of Monmouth	143A Wayside Road, Tinton Falls	17.00	7.00	11.33	M	NJDEP
35/29-27444	County of Monmouth	143A Wayside Road, Tinton Falls	17.00	7.00	11.50	M	NJDEP
36/29-27453	County of Monmouth	143A Wayside Road, Tinton Falls	17.50	7.50	11.75	M	NJDEP
37/29-23921	Redacted - Privacy Act Aris Corp.	Block 114.01, Lot 21.02, Tinton Falls	12.00	2.00	4.00	M	NJDEP
38/29-25775	Redacted - Privacy Act	Block 114.01, Lot 21.02, Tinton Falls	12.00	2.00	4.00	M	NJDEP
39/29-26312		Block 114.01, Lot 21.02, Tinton Falls	8.00	0.00	4.00	M	NJDEP
40/29-29421		46 Park Road, Tinton Falls	13.00	3.00	3.50	M	NJDEP
41/29-23919	Redacted - Privac Aris Corp.	Block 114.01, Lot 21.02, Tinton Falls	12.00	2.00	3.00	M	NJDEP
42/29-23290	Aris Corp.	Block 114.01, Lot 21.02, Tinton Falls	12.00	2.00	3.00	M	NJDEP
43/29-23916	Aris Corp.	Block 114.01, Lot 21.02, Tinton Falls	9.00	2.00	3.00	M	NJDEP
44/29-23917	Aris Corp.	Block 114.01, Lot 21.02, Tinton Falls	13.00	2.00	3.00	M	NJDEP
45/29-23918	Aris Corp.	Block 114.01, Lot 21.02, Tinton Falls	12.00	2.00	3.00	M	NJDEP
54/29-2952	Redacted - Privacy Act	11 West Front Street, Eatontown	150.00	150.00	7.00	D	NJDEP
11IW0129-13187		11 West Street, Eatontown	80.00	41.00	15.00	G	NJDEP
151IW01/29-40917		151 Nottingham Drive, Eatontown	80.00	57.00	26.00	G	NJDEP
12IW01/29-48592		12 Tess Court, Eatontown	227.00	220.00	40.00	G	NJDEP
20IW01/29-47044		20 Tess Court, Eatontown	228.00	225.00	60.00	G	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
145IW01/29-38660	Redacted - Privacy Act	145 Nottingham Drive, Eatontown	80.00	54.00	22.00	G	NJDEP
MCMW01/29-39917	Monmouth County Dept of bldg.	Pinebrook Rd, Tinton Falls	11.00	10.00	3.00	M	NJDEP
METMW13/29-57012	Mid-Monmouth Realty Assoc.	Pinebrook Rd, Tinton Falls	12.00	10.00	3.00	M	NJDEP
METMW14/29-57013	Mid-Monmouth Realty Assoc.	Pinebrook Rd, Tinton Falls	12.00	10.00	3.00	M	NJDEP
METMW11/29-57010	Mid-Monmouth Realty Assoc.	Pinebrook Rd, Tinton Falls	12.00	10.00	3.00	M	NJDEP
METMW12/29-57011	Mid-Monmouth Realty Assoc.	Pinebrook Rd, Tinton Falls	12.00	10.00	3.00	M	NJDEP
556MW06/29-55482	Tinton Falls	556 Tinton Ave., Tinton Falls	30.00	9.80	18.00	M	NJDEP
556MW05/29-55481	Tinton Falls	556 Tinton Ave., Tinton Falls	30.00	9.80	18.00	M	NJDEP
556MW04/29-55480	Tinton Falls	556 Tinton Ave., Tinton Falls	30.00	9.80	18.00	M	NJDEP
556MW03/29-46215	Tinton Falls	556 Tinton Ave., Tinton Falls	30.00	14.50	20.00	M	NJDEP
556MW02/29-46214	Tinton Falls	556 Tinton Ave., Tinton Falls	30.00	14.50	20.00	M	NJDEP
556MW0129-46213	Tinton Falls	556 Tinton Ave., Tinton Falls	30.00	14.50	20.00	M	NJDEP
556MW01/29-55482	Tinton Falls	556 Tinton Ave., Tinton Falls	30.00	14.50	20.00	M	NJDEP
84MW01/29-40281	Redacted - Privacy Act	84 High Street, Eatontown	30.00	15.00	18.00	M	NJDEP
EMMW06/29-53181	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	30.00	25.00	10.00	M	NJDEP
160EMMW6/29-53180	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	15.00	2.00	13.00	M	NJDEP
RT35SMW19R/29-47025	Equia Services	Rt. 35 & South Street	15.00	13.00	4.00	M	NJDEP
Rt.35SMW12R/29-47026	Equia Services	Rt. 35 & South Street	15.00	13.00	4.00	M	NJDEP
RT.35SMW11R/29-47023	Equia Services	Rt. 35 & South Street	15.00	13.00	4.00	M	NJDEP
EMMW12/29-45031	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	8.00	2.50	4.00	M	NJDEP
Rt.35SMW04R/29-47022	Equia Services	Rt. 35 & South Street	15.00	2.00	4.00	M	NJDEP
EMMW13/29-45251	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	8.00	2.70	4.00	M	NJDEP
EMMW1/29-45153	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	13.00	2.70	5.00	M	NJDEP
35MW01/29-50796	Redacted - Privacy Act	35 Tinton Ave, Eatontown	23.00	7.70	15.00	M	NJDEP
EMMW12/29-49532	Exxon-Mobil	Rt. 35 & Tinton Ave., Eatontown	15.00	2.50	7.00	M	NJDEP
166MW01/29-53713	Redacted - Privacy Act	166 Tinton Ave., Eatontown	15.00	5.00	7.00	M	NJDEP
525DW01/29-40296		525 Tinton Ave, Tinton Falls	191.00	166.00	21.00	D	NJDEP
521RDW01/29-39028		521 Tinton Ave, Tinton Falls	186.00	166.00	40.00	D-1	NJDEP
MRSIW1/29-38654	Monmouth Regional High School	One Norman Field Way, Tinton Falls	173.00	158.00	14.00	G	NJDEP
43IW01/29-48605	Redacted - Privacy Act	43 Devon Ct., Tinton Falls	80.00	70.00	16.00	G	NJDEP
539MW01/29-46032		539 Tinton Ave., Tinton Falls	14.00	1.75	3.00	M	NJDEP
531RDW01/29-46811		531 Tinton Ave., Tinton Falls	186.00	166.00	16.00	D-1	NJDEP
539MW02/29-48007	Concession Supply Co. Inc	539 Tinton Ave., Tinton Falls	12.00	2.00	3.00	M	NJDEP

Fort Monmouth, New Jersey
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Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
539MW03/29-48008	Concession Supply Co. Inc	539 Tinton Ave., Tinton Falls	12.00	2.00	3.00	M	NJDEP
539MW04/29-48699	Redacted - Privacy Act	539 Tinton Ave., Tinton Falls	12.00	2.00	3.00	M	NJDEP
MRSIW3/29-52364	Monmouth Regional High School	One Norman Field Way, Tinton Falls	300.00	260.00	27.00	G	NJDEP
MRSIW2/29-45800	Monmouth Regional High School	One Norman Field Way, Tinton Falls	305.00	265.00	45.00	G	NJDEP
MRSIW4/29-52099	Monmouth Regional High School	One Norman Field Way, Tinton Falls	300.00	260.00	27.00	G	NJDEP
556IW1/29-51969	Boro of Tinton Falls	556 Tinton Ave., Tinton Falls	295.00	245.00	40.00	G	NJDEP
556IW2/29-51968	Boro of Tinton Falls	556 Tinton Ave., Tinton Falls	310.00	260.00	40.00	G	NJDEP
GSP104MW03/29-48257	NJ Highway Authority	Mile Post 104 GSP	25.00	15.00	16.00	M	NJDEP
GSP104MW02/29-48256	NJ Highway Authority	Mile Post 104 GSP	25.00	15.00	16.00	M	NJDEP
GSP104MW01/29-48255	NJ Highway Authority	Mile Post 104 GSP	25.00	15.00	16.00	M	NJDEP
CW1MW026 /29-32590	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	16.00	5.00	9.00	M	NJDEP
CW1MW027 /29-32591	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	16.00	5.00	9.00	M	NJDEP
CW1MW028/29-32592	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	15.00	5.00	7.50	M	NJDEP
CW1MW029/29-32593	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	15.00	5.00	7.50	M	NJDEP
CW1MW281/29-35312	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	50.00	31.00	10.00	M	NJDEP
CW1MW282/29-35313	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	42.00	6.00	10.00	M	NJDEP
CW1MW291/29-35314	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	34.00	6.00	10.00	M	NJDEP
CW1MW030/29-43188	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	17.00	7.00	8.00	M	NJDEP
CW1MW031/29-43189	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	19.00	4.00	3.00	M	NJDEP
CW1MW032/29-43190	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	22.00	7.00	3.00	M	NJDEP
CW1MW033/29-43191	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	20.00	5.00	3.00	M	NJDEP
CW1MW034/29-43192	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	20.00	5.00	8.00	M	NJDEP
CW1MW035/29-43193	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	20.00	5.00	7.00	M	NJDEP
CW1MW036/29-43194	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	20.00	5.00	8.00	M	NJDEP
CW1MW037/29-43195	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	20.00	5.00	8.00	M	NJDEP
CW1MW038/29-43186	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	50.00	30.00	8.00	M	NJDEP
CW1MW039/29-43185	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	48.00	28.00	8.00	M	NJDEP
CW1MW040/29-43187	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	50.00	20.00	8.00	M	NJDEP
CW1RW01/29-44633	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	23.00	5.00	*	E	NJDEP
CW1RW02/29-45955	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	23.50	8.50	*	E	NJDEP
CW1SPG1/29-37737	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	22.00	19.00	*	E	NJDEP
CW1SPG2/29-37738	US Army, Ft. Monmouth	CW-1(2700) Charles Wood, Ft. Monmouth	22.00	19.00	*	E	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
CW6MW01/29-30970	US Army, Ft. Monmouth	CW-6 (2044) Charles Wood, Ft. Monmouth	15.00	2.00	3.00	M	NJDEP
CW6MW02/29-30971	US Army, Ft. Monmouth	CW-6 (2044) Charles Wood, Ft. Monmouth	15.00	2.00	3.00	M	NJDEP
CW6MW03/29-30972	US Army, Ft. Monmouth	CW-6 (2044) Charles Wood, Ft. Monmouth	15.00	2.00	3.00	M	NJDEP
CW6MW34/29-32599	US Army, Ft. Monmouth	CW-6 (2044) Charles Wood, Ft. Monmouth	15.00	4.50	6.00	M	NJDEP
CW6MW35/29-32600	US Army, Ft. Monmouth	CW-6 (2044) Charles Wood, Ft. Monmouth	15.00	4.50	3.00	M	NJDEP
CW6MW36/29-32601	US Army, Ft. Monmouth	CW-6 (2044) Charles Wood, Ft. Monmouth	15.00	4.50	4.00	M	NJDEP
2567MW01/29-26925	US Army, Ft. Monmouth	Bldg. 2567, Charles Wood, Ft. Monmouth	13.00	3.00	4.00	M	NJDEP
2567MW02/29-26926	US Army, Ft. Monmouth	Bldg. 2567, Charles Wood, Ft. Monmouth	13.00	3.00	5.50	M	NJDEP
2567MW03/29-26927	US Army, Ft. Monmouth	Bldg. 2567, Charles Wood, Ft. Monmouth	13.00	3.00	4.00	M	NJDEP
2567MW04/29-26928	US Army, Ft. Monmouth	Bldg. 2567, Charles Wood, Ft. Monmouth	12.00	2.00	3.00	M	NJDEP
2567MW05/29-31783	US Army, Ft. Monmouth	Bldg. 2567, Charles Wood, Ft. Monmouth	12.50	2.50	7.00	M	NJDEP
2567MW06/29-42585	US Army, Ft. Monmouth	Bldg. 2567, Charles Wood, Ft. Monmouth	13.00	3.00	4.00	M	NJDEP
2567MW07/29-42586	US Army, Ft. Monmouth	Bldg. 2567, Charles Wood, Ft. Monmouth	13.00	3.00	4.00	M	NJDEP
2534MW01/29-31789	US Army, Ft. Monmouth	Bldg. 2534, Charles Wood, Ft. Monmouth	12.50	2.00	8.00	M	NJDEP
2337MW01/29-31787	US Army, Ft. Monmouth	Bldg. 2337, Charles Wood, Ft. Monmouth	12.50	2.50	7.00	M	NJDEP
GV1/29-37037	Monmouth County Dept. of Bldg.	Pine Brook Rd., Tinton Falls	23.00	19.00	6.20	V	NJDEP
GV2/29-37036	Monmouth County Dept. of Bldg.	Pine Brook Rd., Tinton Falls	8.00	3.00	6.20	V	NJDEP
MCMW-6/29-36571	Monmouth County Dept. of Bldg.	Pine Brook Rd., Tinton Falls	15.00	5.00	8.00	M	NJDEP
GV3/29-26570	Monmouth County Dept. of Bldg.	Pine Brook Rd., Tinton Falls	28.00	23.00	9.00	V	NJDEP
GV4/29-36569	Monmouth County Dept. of Bldg.	Pine Brook Rd., Tinton Falls	28.00	23.00	8.50	V	NJDEP
GV5/29-36568	Monmouth County Dept. of Bldg.	Pine Brook Rd., Tinton Falls	30.00	25.00	9.00	V	NJDEP
GV6/29-36567	Monmouth County Dept. of Bldg.	Pine Brook Rd., Tinton Falls	5.00	4.00	*	V	NJDEP
CW2MW30/29-32594	US Army, Ft. Monmouth	CW-2 (2700) Charles Wood, Ft. Monmouth	16.00	6.00	10.00	M/S	NJDEP
CW2MW31/29-32595	US Army, Ft. Monmouth	CW-2 (2700) Charles Wood, Ft. Monmouth	15.00	5.00	5.50	M/S	NJDEP
CW2MW32/29-32596	US Army, Ft. Monmouth	CW-2 (2700) Charles Wood, Ft. Monmouth	15.00	5.00	5.50	M/S	NJDEP
CW2MW33/29-32597	US Army, Ft. Monmouth	CW-2 (2700) Charles Wood, Ft. Monmouth	15.00	5.00	5.50	M/S	NJDEP
CW3AMW01/29-38021	US Army, Ft. Monmouth	CW-3, Landfill, Charles Wood, Ft. Monmouth	20.00	5.00	12.00	M	NJDEP
CW3AMW02/29-38022	US Army, Ft. Monmouth	CW-3, Landfill, Charles Wood, Ft. Monmouth	17.00	5.00	6.50	M	NJDEP
CW3AMW03/29-38023	US Army, Ft. Monmouth	CW-3, Landfill, Charles Wood, Ft. Monmouth	13.50	3.50	*	M	NJDEP
CW4AMW04/29-38024	US Army, Ft. Monmouth	CW-3, Landfill, Charles Wood, Ft. Monmouth	16.00	4.00	6.00	M	NJDEP
2000MW01/29-31777	US Army, Ft. Monmouth	Bldg. 2000, Charles Wood, Ft. Monmouth	12.00	2.00		M	NJDEP
ISW6/29-32158	US Army, Ft. Monmouth	Irrigation wells, Ft. Monmouth Golf Course	50.00	15.00	6.00	G	NJDEP
ISW5/29-32162	US Army, Ft. Monmouth	Irrigation wells, Ft. Monmouth Golf Course	48.00	16.00	6.50	G	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
ISW4/29-32161	US Army, Ft. Monmouth	Irrigation wells, Ft. Monmouth Golf Course	45.00	14.50	6.00	G	NJDEP
ISW3/29-32160	US Army, Ft. Monmouth	Irrigation wells, Ft. Monmouth Golf Course	50.00	18.00	8.00	G	NJDEP
ISW2/29032159	US Army, Ft. Monmouth	Irrigation wells, Ft. Monmouth Golf Course	50.00	18.50	6.00	G	NJDEP
2018MW01/29-35763	US Army, Ft. Monmouth	Bldg. 2018, Charles Wood	16.00	4.00	*	M/S	NJDEP
2067MW01/29-31778	US Army, Ft. Monmouth	Bldg. 2067, Charles Wood	12.50	2.50	*	M/S	NJDEP
2067MW02/29-31779	US Army, Ft. Monmouth	Bldg. 2067, Charles Wood	12.50	2.50	*	M/S	NJDEP
2562MW01/29-30958	US Army, Ft. Monmouth	Bldg. 2562, Charles Wood	12.50	2.00	*	M/S	NJDEP
2562MW02-29-30959	US Army, Ft. Monmouth	Bldg. 2562, Charles Wood	15.00	5.00	*	M/S	NJDEP
2562MW03/29-30960	US Army, Ft. Monmouth	Bldg. 2562, Charles Wood	15.00	5.00	*	M/S	NJDEP
2537MW01/29-31787	US Army, Ft. Monmouth	Bldg. 2537, Charles Wood	12.50	2.00	*	M	NJDEP
2602MW01/29-40888	US Army, Ft. Monmouth	Bldg. 2602, Charles Wood	13.00	1.75	*	M	NJDEP
2700MW04/29-30969	US Army, Ft. Monmouth	Bldg. 2700, Charles Wood	20.00	9.50	*	M	NJDEP
2700MW06/29-31778	US Army, Ft. Monmouth	Bldg. 2700, Charles Wood	20.00	1.50	*	M	NJDEP
3012MW1/29-26929	US Army, Ft. Monmouth	Bldg. 3021, Pine Brook, Ft. Monmouth	12.00	2.00	*	M	NJDEP
3021MW2/29-26930	US Army, Ft. Monmouth	Bldg. 3021, Pine Brook, Ft. Monmouth	12.00	2.00	*	M	NJDEP
3021MW3/29-26931	US Army, Ft. Monmouth	Bldg. 3021, Pine Brook, Ft. Monmouth	11.00	1.00	*	M	NJDEP
2603MW01/2-40888	US Army, Ft. Monmouth	Bldg. 2603, Charles Wood	13.00	1.50	1.80	M	NJDEP
980MW01/29-40077	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	12.50	2.50	3.00	M	NJDEP
980MW02/29-40078	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	14.00	2.00	3.00	M	NJDEP
980MW03/29-40079	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	12.00	2.00	4.80	M	NJDEP
980MW05/29-51884	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	13.00	3.00	3.50	M	NJDEP
980MW06/29-51885	New Plan Excel Reality	980 Shrewsbury Ave, Tinton Falls	13.00	3.00	3.00	M	NJDEP
NRDMW07/29-39066	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	15.00	4.50	8.00	M	NJDEP
NRDMW08/29-39067	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	64.00	44.00	12.00	M	NJDEP
NRDMW09/29-40631	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	15.00	5.00	8.00	M	NJDEP
NRDMW10/29-41633	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	14.00	4.00	6.00	M	NJDEP
NRDMW11/29-41634	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	12.00	2.00	6.00	M	NJDEP
NRDMW12/29-41635	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	13.00	3.00	6.00	M	NJDEP
NRDMW13/20-41636	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	14.00	4.00	6.00	M	NJDEP
NRDMW14/29-43777	National Realty Development	Rt. 35 & Shrewsbury Ave., Tinton Falls	15.00	5.00	7.00	M	NJDEP
246/29-47022	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
247/29-47023	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
248/29-47024	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
249/29-47025	Equiva Services	Rt. 35 & South Street, Eatontown	15.00	2.00	4.00	M	NJDEP
250/29-45153	Exxon-Mobil Corp	Rt.35 & Tinton Ave., Eatontown	13.00	2.70	5.00	M	NJDEP
251/29-45251	Exxon-Mobil Corp	Rt. 35 & Tinton Ave., Eatontown	8.00	2.70	4.00	M	NJDEP
252/29-45031	Exxon-Mobil Corp	Rt. 35 & Tinton Ave., Eatontown	8.00	2.50	4.00	M	NJDEP
253/29-50796	Redacted - Privacy Act	35 Tinton Ave., Eatontown	23.00	8.00	15.00	M	NJDEP
254/29-49532	Exxon-Mobil Corp	Rt. 35 & Tinton Ave., Eatontown	15.00	2.50	7.00	M	NJDEP
309/29-47072	Redacted - Privacy Ac	43 Oak Lane, Eatontown	8.50	3.00	6.00	M	NJDEP
310/29-47071		43 Oak Lane, Eatontown	9.50	3.50	5.00	M	NJDEP
311/29-47070		43 Oak Lane, Eatontown	9.50	2.00	6.00	M	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
Geo-1/29-39550	US Army, Ft. Monmouth	Bldg. 2700, Charles Wood	305	n/a	n/a	H	NJDEP
Geo-2/29-45846	US Army, Ft. Monmouth	Corrigador Rd., Charles Wood	404	n/a	n/a	H	NJDEP
Geo-3/29-47795	US Army, Ft. Monmouth	Corrigador Rd., Charles Wood	404	n/a	n/a	H	NJDEP
Geo-4/29-40473	US Army, Ft. Monmouth	Charles Wood (Main Street)	304	n/a	n/a	H	NJDEP
Geo-5/29-40203	US Army, Ft. Monmouth	Charles Wood (Main Street)	304	n/a	n/a	H	NJDEP
Geo-6/29-49430	US Army, Ft. Monmouth	Bldg. 2539, Charles Wood	305	n/a	n/a	H	NJDEP
Geo-7/29-51514	US Army, Ft. Monmouth	Quartz Ave. Battery Test Facility	400	n/a	n/a	H	NJDEP
Geo-8/29-51834	US Army, Ft. Monmouth	Saltzman Ave. Recruit Command Cntr.	420	n/a	n/a	H	NJDEP
Geo-9/29-53242	US Army, Ft. Monmouth	Bldg. 603 (Piegon & Sherrill Aves)	360	n/a	n/a	H	NJDEP
Geo-10/29-4415	US Army, Ft. Monmouth	Charles Wood (Main Street)	426	n/a	n/a	H	NJDEP
Geo-11/29-43966	US Army, Ft. Monmouth	Charles Wood (Main Street)	400	n/a	n/a	H	NJDEP
Geo-12/29-53243	US Army, Ft. Monmouth	Bldg. 603 (Piegon & Sherrill Aves)	350	n/a	n/a	H	NJDEP
Geo-13/29-50067	US Army, Ft. Monmouth	Bldg. 801, Moonshot Dr.	405	n/a	n/a	H	NJDEP
Geo-14/29-51831	US Army, Ft. Monmouth	Saltzman Ave. Recruit Command Cntr.	420	n/a	n/a	H	NJDEP
Geo-15/29-51832	US Army, Ft. Monmouth	Saltzman Ave. Recruit Command Cntr.	420	n/a	n/a	H	NJDEP
Geo-16/29-51833	US Army, Ft. Monmouth	Saltzman Ave. Recruit Command Cntr.	420	n/a	n/a	H	NJDEP
Geo-17/29-49433	US Army, Ft. Monmouth	Bldg. 2539, Charles Wood	305	n/a	n/a	H	NJDEP
Geo-18/29-53244	US Army, Ft. Monmouth	Bldg. 603 (Piegon & Sherrill Aves)	350	n/a	n/a	H	NJDEP
Geo-19/29-53245	US Army, Ft. Monmouth	Bldg. 603 (Piegon & Sherrill Aves)	350	n/a	n/a	H	NJDEP
Geo-20/29-53242	US Army, Ft. Monmouth	Bldg. 603 (Piegon & Sherrill Aves)	350	n/a	n/a	H	NJDEP
Geo-21/29-51044	US Army, Ft. Monmouth	Bldg. 801, Moonshot Dr.	410	n/a	n/a	H	NJDEP

Fort Monmouth, New Jersey
May 2009 Well Search Summary Table

Well ID No. and permit	Well Owner	Well Address	Total Depth (in feet)	Length of Casing (in feet)	Static water elevation (feet BGS)	Use code	Source of information
Geo-22/29-39551	US Army, Ft. Monmouth	Bldg. 2700, Charles Wood	305	n/a	n/a	H	NJDEP
Geo-23/29-49431	US Army, Ft. Monmouth	Bldg. 2539, Charles Wood	305	n/a	n/a	H	NJDEP
Geo-24/29-49432	US Army, Ft. Monmouth	Bldg. 2539, Charles Wood	305	n/a	n/a	H	NJDEP
Geo-25/29-52757	US Army, Ft. Monmouth	Bldgs. 1207 &1208, Rittko Ave.	425	n/a	n/a	H	NJDEP
Geo-26/29-52588	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-27/29-52589	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-28/29-52587	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-29/29-52591	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-30/29-52592	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-31/29-52593	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-32/29-52594	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-33/29-52587	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-34/29-52594	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-35/29-51426	US Army, Ft. Monmouth	Bldg. 1200, Tosell Ave.	425	n/a	n/a	H	NJDEP
Geo-36/29-52590	US Army, Ft. Monmouth	Bldg. 1212, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-37/29-53248	US Army, Ft. Monmouth	Bldg. 603 (Piegon & Sherrill Aves)	350	n/a	n/a	H	NJDEP
Geo-38/29-53246	US Army, Ft. Monmouth	Bldg. 603 (Piegon & Sherrill Aves)	350	n/a	n/a	H	NJDEP
Geo-39/29-53300	US Army, Ft. Monmouth	Bldg. 1206, De Rum Ave.	425	n/a	n/a	H	NJDEP
Geo-40/29-50066	US Army, Ft. Monmouth	Bldg. 1152 Ave. of Memories	405	n/a	n/a	H	NJDEP
Geo-41/29-45017	US Army, Ft. Monmouth	Abbey Rd.	305	n/a	n/a	H	NJDEP
Geo-42/29-44608	US Army, Ft. Monmouth	Carty St.	304	n/a	n/a	H	NJDEP
Geo-43/29-47715	US Army, Ft. Monmouth	Bldg. 2525, Charles Wood	404	n/a	n/a	H	NJDEP
Geo-44/29-46966	US Army, Ft. Monmouth	Charles Wood (Main Street)	400	n/a	n/a	H	NJDEP

M= monitoring well
J = injection well
E = recovery well
D = domestic well
G = irrigation well

/s = sealed/abandoned well
W = dewatering well
H = heat well/geothermal

Exhibit G

Public Notification Addresses

Note:

The proposed CEA is limited to Fort Monmouth property; therefore notification of off-site property owners is not required

NJDEP CEA Notification Requirements
Tinton Falls NJ

The following Departments were notified to establish the Classification Exception Area.
Certified Letters, return receipt requested, were mailed.