
Draft Remedial Action Plan for Risk-Based Remediation - Transco Station 150 Mooresville, NC



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Prepared for:

Transcontinental Gas Pipe Line Company, LLC

Prepared by:



I have reviewed this document in sufficient depth to accept full responsibility for its contents related to the geologic discussion/data/information contained herein.

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August 7, 2023



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REPORT

Section 1

Introduction

Compressor Station 150 (the Station) is a Transcontinental Gas Pipe Line Company, LLC (Transco) compressor station located in the North Charlotte metropolitan area approximately 4 miles southwest of Mooresville, North Carolina (**Figure 1**). During historical Station operations, waste liquids were generated and placed in pits on-site.

In 1987, Transco initiated an assessment of soil and groundwater conditions near two former pits at the site and, in May 1988, Transco entered into an Administrative Order on Consent with the North Carolina Department of Environment and Natural Resources (DENR).¹ In June 1988, Transco submitted a RCRA Part A application for the facility and a RCRA Facility Assessment was completed in June 1992 wherein 12 Solid Waste Management Units (SWMUs) were identified (*Revised RCRA Facility Assessment*; A.T. Kearney, Inc., 1992).

In 2014, an Administrative Order in Lieu of Post-Closure Permit (the Order)² was issued, which required limited groundwater monitoring and land use restrictions at the facility. In response to the Order, Transco submitted a Sampling and Analysis Plan in 2014, which proposed additional monitoring wells and a revised groundwater monitoring schedule (SSP&A, 2014). This SAP was revised in 2018, with groundwater monitoring occurring every 36-months (SSP&A, 2018). NCDEQ approved the modified sampling schedule in 2018 and issued a modified Alternative Mechanism in lieu of Post-Closure Permit to reflect this change.³

The Order recognized that, should North Carolina law change to allow for a risk-based solution for the facility, then Transco and the NCDEQ agree to either modify or rescind the Order to allow for application of the new law to the facility. In 2015, the North Carolina General Assembly passed Session Law 2015-286 that allows groundwater contamination to be cleaned up to risk-based standards pursuant to Chapter 130A of the North Carolina General Statutes 9130A-310.65-310.77). This Remedial Action Plan was prepared to satisfy the reporting requirements in pursuit of risk-based environmental remediation of Station 150 as described in the North Carolina General Statutes 130A-310.65 through 310.77. These Statutes provide for achieving a risk-based approach to remediate the site groundwater to levels that are protective of human health and the environment, combined with land-use restrictions, as applicable. The restricted-use/risk-based cleanup requires the agreement of all affected property owners if the placement of land-use restrictions is needed on their property, in addition to additional fees, ongoing maintenance and inspections of risk-management controls instituted at the site.

¹ The NCDENR officially was renamed the NC Department of Environmental Quality (NCDEQ) in September 2015.

² Administrative Order In lieu of Post-Closure Permit, Docket Number 2014-054, entered into by Transco and NCDENR on August 26, 2014, 39 pp.

³ Letter from Julie S. Woosley (NCDEQ) to Rich Lutz (Transcontinental Gas Pipe Line Company, LLC), June 20, 2018. NCDEQ Acknowledgement and Approval of RCRA Class I Permit Modification Request, Transcontinental Gas Pipe Line Company, Transco Compressor Station 150, Mooresville, North Carolina, EPA ID Number: NCD 981 863 012.

North Carolina General Statute 130A-310-69(a) requires that a facility complete a remedial investigation prior to submitting a remedial action plan. The remedial investigations for SWMU 1 and SWMU 13 were completed through a series of investigations and reports submitted to the NCDEQ (Radian, 1988, Radian, 1990a; Radian, 1992; Radian, 1993; URS Corporation - North Carolina, 2002; Ground Water Investigations, 2012; and S.S. Papadopoulos & Associates, 2014), thus the conditions of this regulatory requirement have been met.

This report is the Remedial Action Plan submitted to the NCDEQ in pursuit of risk-based environmental remediation of Station 150. The remainder of **Section 1** provides background information on the former Pits and a discussion of iron and manganese in groundwater. A site description including zoning, nearby water use, geology, and water levels is provided in **Section 2**. The results of water-quality monitoring of site monitoring wells are described in **Section 3**. Controls on the sources and migration of contaminants is discussed in **Section 4** including modeling analyses of fate and transport of iron and manganese in groundwater. The results of water level and water-quality monitoring at the site are discussed in **Section 4**. A discussion of the extent of impacts and potential receptors is included in **Section 5**. Additional plans to fulfill the requirements of the North Carolina risk-based environmental remediation program are presented in **Section 6** and references cited are listed in **Section 7**.

Site Background

Station 150 has operated as a natural gas compressor station since 1949. Three former pits were used at Station 150:

1. SWMU-1 (Former Pit No. 2) is located in the northwestern portion of the station property (**Figure 2**). SWMU-1 was used from 1950 to 1986 for the management of natural gas condensate and hydrocarbon liquids. Closure of this pit was completed in April 1991 by partial excavation followed by capping with an impermeable liner system.
2. SWMU-2 (Former Pit No. 1; also known as the “Runoff Impoundment” or “Water Pond”) was located 20 to 30 feet east/northeast of SWMU-1 and received primarily storm water runoff from about 1950 to 1988. SWMU-2 was reported to have been used for the management of *de minimis* discharges from roof drains, building floor drains and engine cooling systems. Samples of sediment and soil underlying the former pond were analyzed in 1987 and no hazardous wastes were detected. Standing water in the pit was also found to contain no hazardous characteristics. Pit closure was completed in November 1989; therefore, this SWMU is not discussed further herein.
3. SWMU-13, which is located approximately 150 feet southwest of SWMU-1, was discovered in 2001 following additional review of historical facility operations and circa 1950 aerial photography during Transco’s Consent Decree⁴ negotiation with the United States Environmental Protection Agency and Department of Justice. Transco notified the DENR of this SWMU in June 2001 and believes that SWMU-13 was used to manage used

⁴ Civil Action No. H-02-0387, entered in the United States District Court, Southern District of Texas, on May 15, 2002.

lubricating oils from approximately 1950 to 1953. Soils in the vicinity of the SWMU-13 were assessed in November 2001 and have not been remediated.

Historically, petroleum liquids that were discharged to the pits contained compounds such as benzene and naphthalene and these compounds were originally measured in groundwater at Station 150 at concentrations exceeding the North Carolina groundwater quality standards for Class GA waters;⁵ these compounds have not been detected in groundwater since December 2003 at concentrations exceeding the practical quantitation limits.⁶

Iron and Manganese

Iron and manganese are the contaminants of concern (COC) in this assessment and are the only compounds measured in groundwater at concentrations consistently above groundwater quality standards in monitoring wells located near SWMU-1 and SWMU-13.

The exceedance of iron and manganese at Station 150 is attributed to mobilization of naturally-occurring iron and manganese in the soil, saprolite, and bedrock due to reducing geochemical conditions near and downgradient of the former pits as a result of biodegradation of the petroleum compounds placed in former pits. The zone of reducing conditions is localized near SWMU-1 and SWMU-13 and the mobility of iron and manganese in groundwater is controlled by the natural surrounding groundwater oxidizing geochemical state (*i.e.*, mobilized dissolved phase iron and manganese precipitate from the groundwater as a mineral phase once the groundwater changes from a reducing geochemical state back to the natural oxidizing state a short distance from the pits). Iron and manganese were not used at the site as part of site operations.

The North Carolina 2L groundwater quality standards are 0.3 mg/L for iron and 0.05 mg/L for manganese. These criteria are equivalent to the U. S. Environmental Protection Agency's (EPA's) secondary maximum contaminant levels (MCLs), which are based on aesthetic effects such as taste, odor, or color and not risk-based (*e.g.*, toxicity or carcinogenicity) water quality standards. The EPA has not established a primary MCL for iron or manganese in drinking water.

Groundwater with naturally-occurring concentrations of iron and manganese in excess of the North Carolina groundwater quality standards commonly occurs in water wells in the North Carolina Piedmont and high concentrations of iron and manganese are the most common water quality problem in the Piedmont and Blue Ridge physiographic province in North Carolina (Harden, et al., 2009; Daniel and Dahlen, 2002). The prevalence of naturally-occurring concentrations of iron and manganese in groundwater in the North Carolina piedmont has been the subject of recent studies (*e.g.*, Johnson, et al, 2018; and Polizzoto, et al., 2015).

Redox conditions in the subsurface have a strong influence on the solubility of iron and manganese in groundwater, and the concentration of iron and manganese in water can increase due

⁵ Class GA standards apply to the groundwater at Station 150 and, in this report, the North Carolina groundwater quality standards for Class GA waters are referred to as "North Carolina groundwater quality standards", "groundwater quality standards", or 2L Groundwater quality standards, referring to North Carolina Administrative Code Title 15A Subchapter 2L, which specifies the water quality standards for compounds of concern.

⁶ The term 'practical quantitation limits' is used herein to include both method detection limits and practical quantitation limits as reported by the analytical laboratories.

to the reducing (low oxygen) conditions in the subsurface. Similarly, the concentration of these compounds dissolved in the water can decrease as oxygen is added to the groundwater system (Hem, 1980; Hem, 1963). In addition, where groundwater discharges to surface water, dissolved iron and manganese are expected to precipitate as oxide/hydroxide solids as the water mixes with more oxygen-rich surface water.

In addition to redox effects, the concentration of iron and manganese in groundwater measured as total metals includes the contribution of suspended particles or sediment in the samples. The North Carolina Statute for groundwater quality standards (15A NCAC 02L.0202) for Class GA waters,⁷ such as the groundwater at Station 150, states:

“The standard refers to the total concentration in micrograms per liter of any constituent in a dissolve, colloidal or particulate form which is mobile in groundwater. This does not apply to sediment or other particulate matter which is preserved in a groundwater sample as a result of well construction or sampling procedures”.

The use of total metals to evaluate the water quality of drinking water supplies is common; however, wells that supply drinking water are usually open to relatively permeable water-yielding zones and are pumped on a regular basis. Under these conditions, turbidity and an abundance of suspended particulate matter are minimized, and the total and dissolved metals concentrations measured in water samples are likely to be similar. In the case of monitoring wells where pumping is infrequent, the turbidity measured in samples can be relatively high and the total metals concentrations of groundwater samples are elevated above the dissolved metals concentrations. Groundwater samples collected at Station 150 commonly exceed the recommended turbidity value of 1 Nephelometric Turbidity Units (NTU) for drinking water. Iron and manganese in groundwater are commonly evaluated on the basis of dissolved metals analyses to eliminate the effects of particulate matter in the analytical results. Regulation 15A NCAS Subtitle 02L.0202 requires that total concentrations of any constituent in a dissolved, colloidal, or particulate form be measured in groundwater and the measured concentrations form the basis for decision making. **Although this document discusses both dissolved and total metals concentrations in groundwater, all decisions are based on total concentrations of iron and manganese and not the dissolved phase concentrations of these metals.**

North Carolina has established surface-water quality criteria (NC 15A NCAC 02B Water Quality Standards for Surface Waters; standards table 6/10/2019); however, the earlier criteria for iron and manganese were removed due to the high natural occurrence of these metals in North Carolina surface water and groundwater (NCDENR, 2015). Water-quality monitoring data indicated that levels of iron and manganese in surface water and groundwater in North Carolina were often higher than the State’s originally mandated surface-water quality criteria (freshwater aquatic life criterion of 1,000 ug/L for iron; freshwater supply class I to V criterion of 50 ug/L for manganese, and manganese in surface water for fish consumption criterion of 100 ug/L). The

⁷ Class GA water is intended for those groundwaters in which chloride concentrations are equal to or less than 250 mg/l, and which are considered suitable for drinking in their natural state, but which may require treatment to improve quality related to natural conditions.

average concentration of iron in North Carolina groundwater was 1,320 ug/L across the state, and 624 ug/L for the North Carolina piedmont. The average concentration of manganese in groundwater across the state was 102 ug/L, and the average concentration of manganese in groundwater from the piedmont was 221 ug/L.

Section 2

Site Description

Station 150 is located approximately four miles southwest of the town of Mooresville in southern Iredell County, North Carolina. An aerial photograph of the Station and the surrounding area is shown in **Figure 2**. The compressor station covers an area of about 42 acres in three parcels. The largest parcel, Parcel 1, straddles Transco Road, and hosts the main site features including the compressor buildings, an auxiliary building, a maintenance shop, warehouse, pipe storage area, drum storage shed and office buildings on the east side of Transco Road. A site plan map is included in **Appendix A**.

The Station is located east of Interstate 77 in a suburban and mixed-use area adjacent to Lake Norman (**Figure 3**). The Station is bounded by residential property to the northwest, undeveloped land to the north, east, and south, and commercial property to the west across Transco Road, where two private businesses operate. A home-furnishing business operates out of the northern building on the property and the southern portion of the property contains offices, greenhouses, and storage for a commercial landscape supplier.

Properties adjacent to Transco property are privately owned; property ownership of adjacent parcels are summarized in **Table 1**, which includes the address, owner, and use of the adjacent properties. Seven properties are directly adjacent to Transco property at Station 150 as shown in **Figure 3**. Five properties share a property boundary with the Site (parcel nos. 1, 2, 3, 4, and 5). Surface water is also nearby on three sides, including Davidson Creek to the east and Lake Norman to the south and west.

Zoning and Land Use

The Site itself is zoned Industrial with the surrounding areas under the zoning jurisdiction of the Towns of Mooresville and Davidson and Iredell County. The area immediately surrounding the sites is zoned Conditional Zoning- Planned Development District, Corridor Mixed Use, and Traditional Neighborhood (**Figure 4**). The areas outside of the Town of Mooresville are under Iredell County Zoning and include Residential Agricultural and Rural Residential (**Figure 4**).

The site and surrounding properties are within the Mooresville municipal planning area. The area surrounding the site has been undergoing recent development with the construction of an office/technology campus south of the Station in the unnamed parcel south of parcel No. 7 in **Figure 3** and development plans underway for adjacent parcels Nos. 1 and 3 (**Figure 3**). Mixed-use development, including apartments, town homes, and hotel or office space, is proposed for parcel No. 3 and municipal greenspace is proposed for parcel No. 1.⁸ These redevelopment plans are in the concept/planning stages and are not yet approved (personal communication, Brad Priest of Mooresville Planning & Community Development, July 17, 2023). The Town of Mooresville has identified parcel Nos 1 and 3 as “Employment Center” classification according to the “Future

⁸ <https://www.providencegroup.com/property-listings/mooresville-commerce-center-at-langtree/>

Character and Land Use Plan”.⁹ Municipal water and sewer service are available for Parcels Nos. 1 and 3 and future use of the water supply wells on these properties is not anticipated as the mixed-use development will rely on municipal water supply. The existing residences on parcel No. 3 are currently abandoned and will be demolished during proposed site redevelopment.

No environmentally sensitive areas were identified on or adjacent to Station 150.

Nearby Water Supply and Water Use

Regional water supply for municipal, commercial, and domestic uses in the vicinity of the Station is supplied from both surface water and groundwater. The towns of Mooresville, Davidson, and Cornelius obtain water from surface water sources. Mooresville has a water supply intake point on Lake Norman and serves residences, businesses, and industries within the city limits. The towns of Davidson and Cornelius are connected to the Charlotte-Mecklenburg Utilities water system which intakes water from Mountain Island Lake located approximately eight miles south of Lake Norman.

Water supply areas near Station 150 are shown in **Figure 5**. Areas shown in pink rely on private water wells for water supply and include Station 150. Areas in blue color are supplied water from the Town of Mooresville, which has a water supply intake on Lake Norman. The Mooresville public water supply line extends to the development located west of Interstate Highway 77 and along Transco Road, and public water supply is available to the adjacent properties.

Available well records indicate that most wells in the area obtain water from fractured bedrock (Radian Corporation, 1990a). A search of available well records and a vehicular reconnaissance of the site were conducted in 1990 (Radian Corporation, 1990a); these well locations are shown with a red symbol in **Figure 5**. Note that adjacent properties along Transco Road north of the site are planned for redevelopment and the existing wells are expected to be abandoned with future water supply to be provided by the Town of Mooresville. The residences on these properties are currently abandoned. A review of current aerial photos to identify possible residences and businesses constructed since the 1990 survey was used to identify an additional twelve potential well sites located within 3000 feet of SWMUs 1 and 13; these locations are shown in **Figure 5**. It is not known whether areas that are now serviced by municipal water supply rely on pre-existing wells for their water supply. Six additional public water supply wells were identified through a search of the NCDEQ Public Water Supply Well database conducted in October 2022 (**Appendix B**; these well locations are shown as ‘Public Water Supply Sources 2022’ in **Figure 5**).

The Station has two water-supply wells that are located northeast of the main building complex at the site (**Figure 5**). One well is the primary source of drinking water for the facility and the other well is used for the utility water systems at the site. Both of these wells are located upgradient from SWMU1 and SWMU-13 and upgradient of impacted groundwater at the site. Total iron and manganese concentrations for these wells are below the North Carolina 2L

⁹ Town of Mooresville GIS Online data, July 31, 2023. [Future Character & Land Use Plan \(arcgis.com\).](https://experience.arcgis.com/experience/18f9e361c0094f99b27af7433d975f15/)
<https://experience.arcgis.com/experience/18f9e361c0094f99b27af7433d975f15/>

groundwater quality standards and water supply sampling of these wells for iron and manganese is no longer required under the current Land Use Restrictions at the site.¹⁰

The closest offsite private supply well is located about 570 feet southwest of SWMU-1 (and 450 feet from SWMU-13) located across Transco Road at the private well that supplies water for the commercial businesses on that property (at 206 and 214 Transco Road), including the landscape operation (**Figure 5**). Town of Mooresville municipal water supply is available at this property. A pond is located on the landscape operation property and likely supplements the water supply for plant irrigation. The landscape operation was constructed sometime between 2002 and early 2003 based on an evaluation of aerial photos.

The direction of groundwater flow from SWMU-1 and SWMU-13 since late 2000 is towards the southwest with groundwater discharge towards the unnamed inlet of Lake Norman. The only known water supply well currently located potentially downgradient of SWMU-1 and SWMU-13 is the well at the commercial facilities located at 206 and 214 Transco Road.

Land Use Restrictions

Perpetual land use restrictions (LURs) were placed on the site in 2016. These land use restrictions were implemented as part of the Alternative Mechanism in Lieu of Post-Closure Permit in response to the presence of iron and manganese in groundwater near SWMU-1 and SWMU-13. The LUR specifies areas near SWMU-1 and SWMU-13 that are to be used only for commercial or industrial purposes and prohibits groundwater use and excavation in defined areas. These LURs protect against a potential future pathway for human exposure by eliminating exposure to onsite workers who may perform excavation and earthwork in the immediate area of SWMU-1 and SWMU-13, and to groundwater extraction in the area. The LUR was modified in June 2022 with the removal of the requirement that the annual LUR certification include analytical results characterizing the onsite water supply wells. The LUR documents are included in **Appendix A**.

SWMU-1 – Background

SWMU-1, also known as Former Pit No. 2, is located in the northwest portion of the station property (**Figure 2**) and received waste materials between 1950 and 1986. Materials placed in the former pit were primarily used compressor oils and pipeline liquids (*i.e.*, pipeline condensate) but may have also included small amounts of spent commercial products. The unit was operated as a surface impoundment with approximate dimensions of 46 by 47 feet by 8 feet deep. In June 1986, liquids contained in SWMU-1 were removed and the area was backfilled to the original grade with clean-fill soils and revegetated (Radian Corporation, 1990b).

The facility attempted to complete closure of SWMU-1 in 1991 under an approved RCRA closure plan; however clean closure could not be demonstrated due to benzene and naphthalene in two groundwater monitoring wells. In April 1991, pit closure was completed by excavation and disposal of the upper 2 feet of soil followed by capping with an impermeable cap system (also

¹⁰ The water supply well was sampled and analyzed for iron and manganese on January 27, 2022, Laboratory results were 0.017 mg/L for manganese and below the detection limit of 0.040 mg/L for iron. Laboratory results for iron and manganese in 2018 were not detected for iron (< 0.06 mg/L) and manganese measured at 0.014 mg/L. In 2019, iron and manganese were reported as not detected at <0.06 mg/L and <0.01 mg/L, respectively.

referred to as a “RCRA Cap”), which consists of a lower layer of compacted clay, a middle layer constructed of a geotextile cushion and high-density polyethylene membrane, and an upper layer of HDPE membrane and geotextile padding (Radian International, 2000). DENR approved the closure of the former pit in September 1991 in accordance with 40 CFR Part 265 standards, codified at 10 NCAC 10F.0033. An air sparging system was installed near SWMU-1 in August 1998 and operated until December 2002; air was injected into monitoring well MW-12 to enhance removal of benzene in groundwater.

A number of groundwater monitoring wells have been installed in the vicinity of SWMU-1 with groundwater monitoring starting in 1998. Hydrocarbon constituents in groundwater have not been detected above practical quantitation limits (and, hence, the NC groundwater quality standards) at SWMU-1 since 2003. Total and dissolved iron and manganese are the only constituents that currently exceed applicable standards and the exceedances are observed only in wells proximal to the former pit, where a reducing groundwater geochemical state allows iron and manganese to be mobilized for short distances or are associated with suspended particulates in the water sample.

SWMU-13 – Background

During an early 2001 review of the original facility construction drawings for the Mooresville facility during Transco’s Consent Decree negotiation, it was noted that the used oil drain lines terminated at a location southwest of SWMU-1. Aerial photographs of the site from 1950 were subsequently obtained and Transco noted a feature that resembled a pit southwest of SWMU-1. Transco confirmed the presence of this pit by trenching and subsequently verbally notified DENR of its presence during a meeting on June 29, 2001; in a follow-up letter dated August 7, 2001, Transco designated this former pit as SWMU-13 (Perdue, 2001) (**Figure 2**). An investigation was conducted in November 2001 to characterize the soil and groundwater conditions at SWMU-13 and Transco installed five monitoring wells near SWMU-13 and collected groundwater samples in 2001, 2011, and 2013. Transco installed three additional monitoring wells in 2014-2015 (MW13-5, MW13-6, and MW-13-7) to provide monitoring locations downgradient of SWMU-13 and groundwater monitoring was conducted through June 2020. Ground water levels near SWMU-13 have been monitored from 2001 to 2020.

Geology

Compressor Station 150 is located in the central portion of the Piedmont physiographic province on a topographic high with a maximum elevation of 830 feet above mean sea level. The site is located in the Charlotte Belt of the Piedmont physiographic province, which is composed mainly of metamorphic and igneous rocks (LeGrand, 1954) (**Figure 6**). The site area is mapped as fine-grained biotite gneiss, dominantly of granodioritic composition; this unit continues to the west and northwest of the site where it outcrops on the shores of Lake Norman. To the northeast, the Churchland Plutonic Suite (Goldsmith et al, 1988), a zone of Late Paleozoic zone of intrusive rocks, predominates the area. Metamorphosed quartz diorite and tonalite lie to the south and east of the site, where they are intruded by metagabbro, granodiorite, and related granitoids.

Site lithology consists of saprolite overlying partially weathered and unweathered bedrock. The saprolite is described in boring logs as silty clay to clayey silt and exhibits a gradational weathering profile ranging from a completely weathered soil near the surface to variably weathered

bedrock at depth. The saprolite is predominantly a weathered diorite or gabbro. Due to the nature of the parent bedrock, the texture of the saprolite varies only slightly over tens of feet from a silty clayey soil near the surface to a clayey sandy silt closer to the competent bedrock. At depth, the saprolite is brown to green clayey to sandy silt with minor quartz veins and displays relict textures of the parent rock. Overlying material is described as a micaceous silt (Radian, 1990a).

Compressor building foundation boring logs indicate depth to bedrock at the Station to be 60 to 90 feet, with depths between 80 to 85 feet most common. The depth to bedrock at borings advanced near SWMU-1, based on auger refusal, ranges from 36 to 83 feet below ground surface (Radian Corporation, 1990b).

Monitoring Wells

Twenty-five monitoring wells have been installed near SWMU-1 and SWMU-13 since 1988. Well construction details are provided in **Table 2** and well locations are shown in **Figure 7**. Fourteen of the wells were installed to monitor shallow groundwater near SWMU-1; these wells have the tops of the screened intervals installed at depths of 15 to 23 feet below ground surface. Five additional monitoring wells near SWMU-1 are deep wells constructed to monitor deeper groundwater beneath the former pit (MW-4D, MW-7D, MW-11D, MW-12, and MW-13) with wells MW-12 and MW-13 the deepest wells. At the time of monitoring well installation, wells MW-1 and MW-5 were installed as upgradient monitoring wells. Well MW-14 was installed in 2015 to monitor groundwater downgradient from SWMU-1 northwest of the former pit.

Five additional monitoring wells were constructed for evaluation of hydrogeologic conditions near SWMU-13 in 2001. Monitoring wells MW-13-1, MW-13-2, MW-13-3 and MW-13-4 are shallow wells and well MW-13-3D is a deep well. At the time of the well installation in 2001, well MW-13-1 was installed as the upgradient well. Subsequent monitoring indicated that well MW-13-1 was no longer upgradient and three additional wells were installed downgradient of SWMU-13 in 2014-2015 (MW-13-5, MW-13-6, and MW-13-7).

Water Levels and Groundwater Flow near SWMU-1 and SWMU-13

Water levels have been measured in monitoring wells near SWMU-1 and SWMU-13 since 1988 with the most recent event in June 2020.¹¹ Historic water level data are summarized in **Appendix C**, including water-level contour maps for select time periods. The depth to groundwater near SWMU-1 and SWMU-13 is approximately 7 to 25 feet below ground surface and the water table occurs in the saprolite.

The water table in unconfined aquifers such as at Station 150 generally mimics the land surface topography; based on the topography at Station 150 and the depth to groundwater in shallow monitoring wells, groundwater flow follows a radial pattern from the higher elevations

¹¹ The water level elevation data for wells constructed prior to 2002 in this report are calculated based on the 2002 measurement point elevations as reported by Ground Water Investigations, Inc. (2011). These measurement point elevations differed by as much as five feet from reported surveyed elevations in February 1992 (Radian Corporation, 1993). An evaluation of water level data based on a comparison of water level elevations using both sets of measurement point elevations indicate that the direction of groundwater flow is similar on each date regardless of which measurement point elevation data set is used.

towards the surrounding stream valley drainages and surface water. A water-level contour map based on this principle is shown in **Figure 8** where approximate water level contour lines are drawn based on the regional topography and measured depth to water at Station 150 monitoring wells. SWMU-1 and SWMU-13 are located in a topographic ‘saddle’ situated between two hills where the land surface slopes towards two separate drainages; one located northeast and one located southwest of the former pits (**Figure 8**). On a regional scale, the direction of groundwater flow from SWMU-1 and SWMU-13 is expected to be toward the nearby drainages located to the northeast and to the southwest of these SWMUs.

Water-level data from wells located near SWMU-1¹² indicate that the direction of groundwater flow at SWMU-1 has shifted over time from a generally easterly direction toward the drainage to the northeast to a westerly direction toward the drainage to the southwest. During the thirteen-year period from 1988 to December 2000, groundwater level data indicated that wells MW-01, MW-04 and MW-05 were usually upgradient of SWMU-1 with groundwater flow towards well MW-11, which is located east of SWMU-1. Groundwater level data since December 2000 indicate that groundwater flow in the vicinity of SWMU-1 is toward the west-northwest with well MW-11 upgradient of SWMU-1.

The shift in the direction of groundwater flow at SWMU-1 is shown graphically in **Figure 9**, which shows the direction (azimuth) and horizontal gradient (magnitude) of groundwater flow between three wells located on three sides of SWMU-1 (wells MW-1, MW-5, and MW-11) from 1992 to 2020, with each data point representing one monitoring event.¹³ The direction of groundwater flow between these three wells is represented on the upper figure by the azimuth, where 0 is due north, 90 is due east, and 270 is due west. The horizontal hydraulic gradient between the three wells for each date is indicated by the distance each point is plotted from the center of the circular diagram (lower gradients are clustered in the center of the circle and higher gradients extend beyond the outside of the circle). The azimuth lines in the upper half of the circular plot illustrate that the direction of groundwater flow between these three wells has varied from east (at 90 degrees) to southwest (at about 250 degrees) during the period of record.

The lower graph on **Figure 9** shows the direction (azimuth) as circle symbols and magnitude of the hydraulic gradient (as square symbols) between wells MW-1, MW-5 and MW-11 from 1992 to 2020. This graph shows that a shift in the direction of groundwater flow at SWMU-1 from easterly to westerly occurs regularly after 2000. The cause of the shift in flow direction is unknown but could be the result of nearby groundwater pumping on the 20-acre commercial property to the west of the Station (Parcel No. 3 on **Figure 3**). The magnitude of the horizontal gradient in the vicinity of SWMU-1 from 1992 to 2020 (square symbols on **Figure 9**) is usually between about 0.01 to about 0.04 ft/ft, with occasional values exceeding this range.

The shift in the direction of groundwater flow towards the northwest since late 2000 is based on an evaluation of water levels located close to SWMU-1 where the monitoring wells are located. On a regional scale as shown in **Figure 8**, the groundwater flowing in a northwest

¹² Note that monitoring wells in the vicinity of SWMU-13 were not installed until 2001 and thus data from these wells does not inform on directions of groundwater flow prior to 2000.

¹³ Note that only monitoring periods with water levels from all three wells used to calculate the direction of groundwater flow and gradient are plotted on Figure 9 (wells MW-1, MW-5, and MW-11).

direction away from SWMU-1 will eventually flow to the southwest and likely discharge in the unnamed drainage located southwest of Station 150 flowing to Lake Norman. During the period up to 2000, however, groundwater from SWMU-1 flowed to the northeast and likely discharged to the upper reaches of Davidson Creek.

The groundwater velocity in the area of SWMU-1 is estimated to be approximately 120 feet per year based on a hydraulic gradient of 0.04 ft/ft, and a porosity of 0.25 and hydraulic conductivity of 2 feet/day, which are typical for saprolite. Under conditions of lower hydraulic gradient, the groundwater velocity would be less than 120 feet/year.

Vertical hydraulic gradients at the Station, as measured in well clusters MW-07/MW-7D and MW-11/MW-11D are summarized in **Figure 10** and MW-7/MW-12 and MW-7/MW-13 are summarized in **Figure 11**. The vertical gradients after December 2001 were slightly downward in the three well pairs located closest to SWMU-1 (pairs MW-7/MW-7D, MW-7/MW-12 and MW-7/MW-13), with an average gradient of 0.005 ft/ft, and the vertical gradient was slightly upward at well pair MW-11/MW-11D (with an average gradient of -0.002 ft/ft).¹⁴ Prior to December 2001, the vertical gradients were variable and varied between upward and downward, particularly during the period December 1999 to December 2001.

¹⁴ Negative values of vertical gradient indicate an upward direction of flow and positive numbers indicate a downward direction of flow.

Section 3

Groundwater Quality

Twenty-five groundwater monitoring wells have been installed to monitor groundwater conditions near SWMU-1 and SWMU-13 (**Table 2**). Ground water monitoring for volatile and semi-volatile organics, metals, inorganics, and indicator parameters (total organic carbon, total organic halogen, conductivity, and pH) was conducted for SWMU-1 from 1988 to 2000. The monitoring plan was revised in 2000 to semi-annual monitoring of groundwater monitoring wells MW-5 (the background well), MW-2, MW-7, MW-8, and MW-9 for parameters including BTEX, Cd, Cr, Hg, Pb, volatile organic compounds (VOCs), and total and dissolved iron and manganese and monitoring of wells MW-7D, MW-12, and MW-13 for BTEX.

The monitoring program was revised in December 2014 to sample eleven of the SWMU-1 monitoring wells for total and dissolved iron and manganese and sampling of the SWMU-13 wells for VOCs, SVOCs, and total and dissolved iron, manganese, and chromium (SSP&A, 2014). These groundwater monitoring events occurred every 9 months over a period of 27 months through March 2017. The groundwater monitoring schedule at Station 150 was further revised in 2017 to occur at thirty-six month intervals, and with the omission of volatile organic and semi-volatile organic compounds from future sampling (SSP&A, 2018).¹⁵ The triennial sampling began with the June 2020 sampling event and the required analytes included dissolved and total iron and manganese for SWMU-1 and SMWU-13 wells, in addition to dissolved and total chromium at the SWMU-13 wells.

Monitoring wells associated with SWMU-13 also were analyzed for VOCs, semi-volatile organic compounds (SVOC)s, RCRA metals in 2001 (URS Corporation, 2002) and in June 2013 (GWI, personal communication, August, 2013). Additional analyses of select monitoring wells near SWMU-1 and SWMU-13 were analyzed for total and dissolved iron and manganese and additional water quality parameters in March and August 2011 (Ground Water Investigations, 2011; SSP&A, 2012).

Analytical results for water-quality monitoring conducted at the station since 1988 are provided in **Appendix D**. The detailed laboratory data reports for water-quality sampling at Station 150 have been provided to the NCDEQ in water-quality monitoring reports and are available upon request.

Organic Compounds

Prior to September 1989, no organic compounds were detected in monitoring wells; however, with the installation of monitoring wells MW-7 and MW-8 in 1989, benzene and naphthalene were measured in groundwater above the groundwater standards (Radian Corporation, 1990a).¹⁶ Additional water-quality samples were collected in 1989 from six Hydropunch samples

¹⁵ Letter from Mary Siedlecki (NCDEQ) to Rich Lutz (Williams Atlantic-Gulf Transco), August 9, 2017. NCDEQ Comment on the Groundwater Monitoring Summary Report: March 2017 Sampling Event. Transcontinental Gas Pipe Line Company, LLC. Compressor Station 150, Mooresville, NC. EPA ID Number NCD 981 863 012.

¹⁶ The Subchapter 2L NC groundwater quality standard for benzene is 1 ug/L; for naphthalene the standard is 6 ug/L.

located near SWMU-1 to a depth of 24.5 feet. The analytical results from the Hydropunch samples were consistent with the prior monitoring well water-quality results, with benzene being reported at the highest concentration, and minor amounts of other volatile organic compounds detected (ethylbenzene, 1,1,2-trichloroethane, and xylenes) (Radian Corporation, 1990a).

The primary organic contaminant of concern associated with SWMU-1 was benzene with a maximum concentration of 280 ug/L measured in monitoring well MW-7 in 1990. Benzene concentrations in well MW-7 gradually declined over time and, following the operation of an air sparge system from 1998 to 2002, benzene has not been detected at concentrations above the practical quantitation limit at the site since December 2003. A plot of benzene concentrations measured in SWMU-1 monitoring wells from 1988 through 2013 is shown in **Figure 12**.¹⁷ In addition to well MW-7, benzene has been measured in wells MW-7D (maximum of 120 ug/L), MW-08 (maximum 19 ug/L), MW-9 (maximum 170 ug/L), MW-12 (maximum 41 ug/L), and MW-13 (maximum 6 ug/L), and benzene was measured during only the first water-quality analyses of wells MW-6 (1j ug/L) and MW-4D (5 ug/L).

Benzene was measured in one SWMU-13 monitoring well (MW-13-3D) at a concentration of 1 ug/L in well in December 2001 and was not detected at any of the other SWMU-13 monitoring wells.

Naphthalene was detected in wells located near SWMU-1 and SWMU-13. A plot of naphthalene measured in SWMU-1 monitoring wells from 1988 through 2013 is shown in **Figure 13**.¹⁸ Naphthalene has been detected in wells MW-7, MW-7D, MW-8, MW-9 and MW-12 with the highest concentration of naphthalene measured in wells MW-7 (24 ug/L) and MW-9 (27 ug/L). Naphthalene was last detected in December 1996 in well MW-7 (5.19 ug/L) and well MW-9 (0.2 ug/L). Naphthalene was measured in SWMU-13 well MW-13-3D at 22 ug/L in December 2001 and was not detected since then.

Other organic compounds detected in wells located east of SWMU-1 and measured at concentrations below the NC groundwater quality standards, include xylene (in well MW-7 and last measured in 1990 at 4.3 ug/L) and 2-methylnaphthalene (detected in well MW-7, MW-7D, and well MW-9; last measured in well MW-7 in 1996 at 1.1 ug/L). Additional VOC and SVOC compounds were measured at concentrations below the NC groundwater quality standards in wells MW-7, MW-7D, and MW-8 and last detected in December 1996 (isophorone, dibenzofuran, fluorene, phenanthrene, 2-chloronaphthalene, and phenol). Bis(2-ethylhexyl)phthalate was measured above the NC groundwater quality standard of 3 ug/L in wells near SWMU-1 (with the maximum concentration measured in well MW-2 at 58 ug/L), but has not been detected in any monitoring well since 1997.

The following compounds were measured in groundwater samples from monitoring well MW-13-3-D located near SWMU-13 in 2001 but not in subsequent sampling events: o-xylene at 5 ug/L; and 2-methylnaphthalene at 6 ug/L. The SVOC compound 2-methylnaphthalene was also

¹⁷ All measurements of benzene in monitoring wells since 2003 were reported as none detected; Figure 12 only shows data through 2013.

¹⁸ All measurements of naphthalene in monitoring wells since 2013 were reported as none detected.

measured in well MW-13-3 at 7 ug/L in 2001 but not detected in subsequent monitoring. In June 2013, the only organic compound detected above the practical quantitation limit in SWMU-13 monitoring wells was phenanthrene, which was measured at a concentration of 0.12 ug/L in well MW-13-3, far below the NC groundwater quality standard of 200 ug/L; the compound has not been detected since then.

Total organic carbon was measured in monitoring wells from 1989 to 1992 as an indicator parameter to identify groundwater that was impacted by hydrocarbons placed in the former pit. Additional analyses for total and dissolved organic carbon were conducted in March 2011 as part of additional groundwater characterization activities (SSP&A, 2012). Total organic carbon concentrations measured in monitoring wells near SWMU-1 and SWMU-13 are shown in **Figure 14**. Wells with concentrations of total organic carbon in excess of 10 mg/L are wells MW-7, MW-7D, MW-8 and MW-9, which are the same wells where volatile organic compounds were measured, as discussed above.¹⁹ Wells with very low total organic carbon, in particular well MW-3 which is distal to the SWMUs, indicate groundwater that has not been impacted by organic liquids placed in the former pits and likely represent background conditions in the aquifer.

In summary, no organic constituents of concern have been measured in any of the SWMU-1 monitoring wells at concentrations above the practical quantitation limits since December 2003. At SWMU-13, no organic constituents of concern have been measured above the NC groundwater quality standard since 2001 and the only organic compound detected since 2001 was phenanthrene, which was detected in one well in 2013 at a concentration far below the groundwater quality standard.

Iron and Manganese

Water-quality analyses of monitoring wells at the site since 1988 have measured concentrations of iron and manganese in excess of the North Carolina groundwater quality standards of 0.3 and 0.05 mg/L, respectively. As noted earlier, high concentrations of iron and manganese are the most common water-quality problem in the Piedmont and Blue Ridge physiographic province in North Carolina (Harden, et al., 2009; Daniel and Dahlen, 2002). Transco notes that total iron and manganese concentrations measured in site background well MW-3 occasionally exceed the 2L water quality standard.

The water-quality results for iron and manganese in well MW-14 were anomalously elevated during the June 2020 sampling event. This well is located downgradient from SWMU-1 and prior measurements have all been below the method detection limit for dissolved iron and manganese. During the June 2020 sampling event, the water in the well was noted to be very turbid and turbidity remained even in the filtered sample, which had a turbidity value of 46.7 NTU (Larry Coddington, personal communication, November 2022). The elevated concentrations of dissolved iron and manganese are attributed to suspended particles/colloids in the filtered sample. In addition, dissolved iron and manganese in well MW-1, which is much further upgradient toward SWMU-1, have been reported as none detected since 1992. Subsequent discussions on the extent of iron and manganese in groundwater exclude the 2020 water-quality result for well MW-

¹⁹ Well MW-4 reported 19 mg/L total organic carbon in March 2011; however a duplicate of this sample reported total organic carbon as < 1.0 mg/L. For this reason, **Figure 14** does not show the 19 mg/L result for well MW-4.

14 as this sample was undoubtedly impacted by suspended sediments and the well is considered to be not impacted by iron and manganese mobilized from the former pit areas.

Iron Concentrations in Groundwater

Historically, the concentration of total iron has exceeded the NC groundwater quality standard of 0.3 mg/L in most monitoring wells with maximum concentrations of 47 mg/L (well MW-11 in 1992). In 1992,²⁰ most of the existing monitoring wells, including the background wells MW-3, had total iron concentrations in excess of 0.3 mg/L (**Figure 15**). During the most recent sampling of total iron (**Figure 16**), only four²¹ monitoring wells had concentrations of total iron above the groundwater quality standard and the areal extent of groundwater with total iron in excess of 0.3 mg/L is smaller than it was in 1992 (the “exceedance area” shown in the figures represents the most recent extent of exceedance of the water quality standard).

Historically, the highest concentration of dissolved iron was measured in well MW-9 at 15.1 mg/L (in 1999). In 1992, four wells were found to have dissolved Fe concentrations greater than 0.3 mg/L, including: MW-7, MW-7D, MW-8, and MW-9. All of these wells are located close to and east of SWMU-1 (**Figure 17**). The most recent sampling of dissolved iron (**Figure 18**) shows that the area with groundwater concentrations greater than 0.3 mg/L is about the same as it was in 1992, with the exception of dissolved iron at well MW-4D, which is located close to SWMU-1

Time-series plots of the concentrations of total and dissolved iron at individual Station 150 monitoring wells are included in **Appendix E**. The time-series plots show that the concentrations of total iron are currently less than the NC groundwater quality standard of 0.3 mg/L or are stable or decreasing over time.

Manganese Concentrations in Groundwater

Historically, the concentrations of total manganese have been reported to be in excess of the NC groundwater quality standard of 0.05 mg/L in most monitoring wells, with a maximum reported concentration of 10.4 mg/L in 1993 (in well MW-9). Dissolved manganese has also been reported to be in excess of 0.05 mg/L with concentrations ranging from less than the detection limit to 9.09 mg/L (at well MW-9).

Maps showing the areal distribution of the total and dissolved manganese concentrations measured in monitoring wells in 1992 and during the most recent analysis are shown in **Figures 19 through Figure 22**. Comparison of these maps demonstrate that the extent of groundwater with total manganese concentrations greater than the NC groundwater quality standard has decreased over time, with fewer wells exceeding the standard in the most recent analyses as compared to the 1992 data.

Time-series plots of the concentration of total and dissolved manganese at Station 150 SWMU-1 and SWMU-13 monitoring wells are included in **Appendix E**. The time-series plots

²⁰ The November 1992 monitoring event is used for comparison as this event included sampling and analysis of all existing monitoring wells.

²¹ Excluding well MW-14, which was impacted by suspended particles in 2020 sampling.

show that for most monitoring wells the concentrations of total manganese are currently less than the NC groundwater quality standard of 0.05 mg/L or are stable or decreasing over time, with the exception being wells MW-4D and MW-8. Both wells MW-4D and MW-8 are located in close proximity to SWMU-1 and the measured concentrations of total manganese are within the range of historical measurements and are not considered to be increasing over time.

Other Inorganic Compounds

A summary of other metals that have exceeded the North Carolina groundwater quality standards is provided in **Table 3**. Arsenic, barium, cadmium, chromium, and lead have been measured above the water quality standards; however, only sporadic detections of these metals have been measured at concentrations in excess of the NC groundwater quality standards.

Prior to 2013, total chromium was measured above the NC groundwater quality standard of 0.010 mg/L sporadically and the monitoring program for SWMU 13 wells conducted since 2013 included sampling and analysis for total and dissolved chromium. Between 2013 and 2020, total chromium was measured above the NC Water Quality Standard at well MW-13-2, with a maximum concentration of 0.0296 mg/L with sporadic exceedances of the water quality standard at wells MW-13-4 (0.0182 mg/L) and MW13-6 (0.033 mg/L). A time-series of chromium measured in well MW-13-2 is shown in **Figure 23**, which illustrates that the chromium concentrations are not increasing over time. .

Additional Water Quality Parameters

Additional water-quality data that were collected in March 2011 to characterize the redox conditions in the subsurface included monitoring the dissolved oxygen (DO) concentration and the oxidation-reduction potential (ORP) during well purging prior to sample collection. Summary plots of DO versus dissolved iron and manganese are shown in **Figure 24**. The correlation between DO and dissolved iron and manganese is fair-to-good, with all instances of elevated dissolved iron and manganese occurring at low DO concentrations. The correlation between ORP and dissolved iron and manganese is fair-to-poor as shown in **Figure 25**, where only some instances of elevated dissolved iron and manganese are correlated with low or negative ORP.

Elevated levels of dissolved organic carbon (DOC) in groundwater provide a measure of the occurrence of organic compounds in the subsurface. The concentration of DOC measured in March 2011 and the resulting data plotted versus dissolved Fe and Mn are shown in **Figure 26**. Elevated concentrations of DOC are associated with elevated concentrations of dissolved Mn and Fe in the groundwater.

Water-quality sampling conducted in March 2011 included limited analyses for the biodegradation parameters nitrate, nitrite, sulfate and sulfide. Nitrate concentrations were highest in upgradient well MW-3 (1.1 mg/L), lowest in impacted well MW-7D (< 0.1 mg/L) and measured at 0.23 mg/L in downgradient well MW-1, which is consistent with denitrification during biodegradation in the area near SWMU-1. Sulfate concentrations do not appear to be impacted by biodegradation, suggesting that only nitrate, manganese, and iron concentrations in groundwater have been impacted by biodegradation at the site.

Summary of Water Quality

Thirty-four years of water-quality monitoring at SWMU-1 demonstrates that the groundwater no longer contains VOC or SVOC compounds in excess of the North Carolina groundwater quality standards and these compounds have not been detected above practical quantitation limits (and, hence, North Carolina groundwater quality standards) since 2003, nearly 20 years ago. At SWMU-13, no organic constituents of concern have been measured above the NC groundwater quality standards since 2001 and the only organic compound detected since 2001 was phenanthrene at a concentration far below the groundwater quality standard.

The only compounds that exceed the North Carolina groundwater quality standards consistently in some Station monitoring wells are total iron and manganese. In most monitoring wells, the concentrations of total iron and manganese in groundwater are below the NC groundwater quality standard or are stable or decreasing over time. In the limited cases where concentration trends suggest increasing concentrations, the recent concentrations are within the range of historic values and the concentrations are not increasing over time.

The data presented herein demonstrate that the areal extent of groundwater with iron and manganese in excess of the NC groundwater quality standard has decreased over time and the plume extent is stable. These observations are made on the basis of thirty-four years of water quality monitoring data from wells near SWMU-1 and SWMU-13. Because the elevated concentrations of iron and manganese are controlled by in-situ geochemical conditions at the site, elevated concentrations of iron and manganese are expected to be present into the foreseeable future. As geochemical conditions revert to a more oxidizing environment over time, the extent of elevated iron and manganese in groundwater also will continue to decrease over time. The area of impacted groundwater is considered stable in extent and further migration of impacted groundwater is not expected to occur.

Some of the exceedances of total iron and manganese concentrations are attributed to elevated levels of suspended particulate matter (*e.g.*, elevated turbidity), such as the most recent measurement at well MW-14.

The elevated concentrations of iron and manganese in groundwater resulted from the biodegradation of organic compounds that were placed in the former pits, which have created reducing conditions in the subsurface. The reducing conditions have enabled naturally-occurring redox sensitive compounds, such as iron and manganese, to become stable in the dissolved form, which increases their concentration in groundwater. The extent of reducing conditions caused by biodegradation of organic compounds is restricted to the area where organic compounds have been present and undergone biodegradation in the subsurface.

Section 4

Control of Sources of Contaminants and Migration

The primary source of groundwater contamination in the area of the former pits was the surficial accumulations of hydrocarbon liquids that were placed in SWMU-1 and SWMU-13 during operation of the pits. There are no longer any primary sources of groundwater contamination present (note: primary sources are defined as: “...buried waste, waste stockpiles or surficial accumulations of free products”). Since there are residual hydrocarbon-contaminated soils present at these SWMUs, there is a secondary source of contamination that could potentially be a continuing source of pollutants to the groundwater (note: secondary sources are defined as: “...contaminated soils and non-aqueous phase liquids”; no non-aqueous phase liquids have been observed at either SWMU). Soluble components of the residual hydrocarbons in soils became dissolved in precipitation that percolated through the unsaturated zone and migrated vertically downward to the aquifer beneath the pits. Since there has been only one detection of a hydrocarbon constituent above practical quantitation limits (and, hence, groundwater standards) at either SWMU in approximately two decades, the secondary sources of contaminants are therefore controlled and pose no additional threat to groundwater.

The presence of residual hydrocarbon compounds in the soil and groundwater near the former pits, however, has resulted in a zone of enhanced microbial activity associated with natural biodegradation of the hydrocarbon compounds, which in turn created a localized reducing geochemical state in the groundwater. Iron and manganese are redox-sensitive elements present in water, soil and sediment and, when reducing conditions occur in an aquifer, iron and manganese commonly occur in solution (*i.e.*, dissolved phase) rather than as a solid mineral phase, resulting in increased concentrations of these elements in groundwater; some elevated total concentrations of iron and manganese measured in groundwater are attributed to suspended particulate matter during sample collection (*e.g.*, high turbidity). As the groundwater moves away from the reducing conditions associated with biodegradation of hydrocarbons in the former pit area, the subsurface geochemical state returns to its natural oxidizing condition and the iron and manganese precipitate out of solution as stable mineral phases, thereby reducing the concentration of these elements in the groundwater and limiting their mobility in groundwater to the area proximal to the former pits.

Furthermore, the zone of reducing conditions in shallow groundwater in the vicinity of SWMU-1 and SWMU-13 is not mobile as the organic constituents responsible for these conditions are not mobile. Observations suggest that the extent of this zone of reducing conditions is decreasing with time as several wells that historically had iron and manganese concentrations in excess of the NC groundwater quality standard no longer have concentrations that exceed the standard and the concentrations of iron and manganese are stable or decreasing over time in most wells. Because the zone of reducing conditions is not mobile and its areal extent is decreasing, there is no potential for future migration of iron and manganese in groundwater downgradient from the former pits.

In the area near SWMU-1 and SWMU-13, elevated concentrations of iron and manganese occur within approximately 100 feet or less of the former pit. This area is proximal to the areas where elevated concentrations of petroleum hydrocarbon compounds have historically been observed in soil and groundwater. As the amount of readily-degradable hydrocarbons decreases

over time, redox conditions in the subsurface will continue to be restored to its natural oxidizing state, leading to a decrease in iron and manganese concentrations in groundwater over time.

Although the extent of shallow groundwater with elevated concentrations of iron and manganese has decreased over time, the concentrations of iron and manganese are expected to exceed the NC groundwater quality standard in limited areas into the foreseeable future.

Control of Sources of Contaminants

The primary source of groundwater contaminants in SWMU-1 and SWMU-13 were the surficial accumulations of hydrocarbon liquids that were placed in these pits. Liquids contained in SWMU-1 were removed and the area was backfilled with clean-fill soils in 1986 (Radian Corporation, 1990b). The pit area was capped with an impermeable cap system in April 1991. Since SWMU-13 was determined to be operational from 1950 to 1953 according to aerial photography, no records are available regarding the pit closure. Primary sources of groundwater contamination (*i.e.*, buried waste, waste stockpiles, or surficial accumulations of free products) are no longer present at either SWMU. At both SWMU-1 and SWMU-13, there is no threat of fire, explosion, or spread of noxious fumes from the former pits.

The soil remaining in the subsurface at SWMU-1 was investigated in October 1987 and July, August, and December 1989. During these investigations, soil borings were advanced within the former pit area and soil samples were collected and analyzed for metals, VOCs, and SVOCs; the December 1989 samples were also analyzed for RCRA Appendix IX compounds and total organic carbon. Soil samples were collected at a depth 3 to 15 feet in the pit area and contained barium, chromium, and lead concentrations above background as well as VOCs and SVOC compounds at concentrations ranging from 49 ppm to < 0.01 ppm. Soil sample results from 48 feet below ground surface at well MW-07D measured VOCs and SVOCs up to 43 ug/kg. The VOC and SVOC compounds detected in soil borings at SWMU-1 include benzene, toluene, ethylbenzene, xylene, 2-butanone, methylene chloride, 1,1,2-trichloroethane, bis(2-ethylexyl) phthalate, acetone, naphthalene, 2-methylnaphthalene, acenaphthene, anthracene, benzo(a)pyrene, chrysene, dibenzofuran, fluoranthene, fluorene, phenanthrene, and pyrene (Radian Corporation 1990a, 1990b).

Although hydrocarbon-impacted soil remained under the cap system at SWMU-1, extensive groundwater monitoring since the cap was emplaced 31 years ago has demonstrated that the residual hydrocarbons no longer pose a threat to groundwater quality as the concentrations of VOC and SVOC compounds have decreased over time and no organic constituents of concern have been measured in any of the SWMU-1 monitoring wells at concentrations above the practical quantitation limits since December 2003. No free-phase liquids are known to have been present in the subsurface at SWMU-1. The only secondary source of groundwater contamination at SWMU-1 is hydrocarbon-impacted soils, which are under control and no significant increase in groundwater contamination is expected to occur. Secondary sources of groundwater contamination at SWMU-1; therefore, are under control and no offsite migration of contaminants is expected to occur.

At SWMU-13, soil investigations that were conducted in 2001 indicated the presence of petroleum hydrocarbons (TPH-GRO, TPH-DRO, and O&G) within 100 feet of the former pit area of SWMU-13 (Perdue, 2001). Of 22 soil samples, 11 contained hydrocarbon concentrations above

the soil action level; these samples were all within the immediate SWMU-13 area. Two of the soil samples from test borings within the former pit were also tested for VOCs. Twelve VOCs were detected: 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 4-isopropyltoluene; benzene; ethylbenzene; isopropylbenzene; n-butylbenzene; n-propylbenzene; naphthalene; sec-butylbenzene; trichloroethene; and total xylenes. Additionally, three SVOCs were detected: 2-methanaphthalene; naphthalene; and phenanthrene.

Similar to SWMU-1, free-phase liquids are not known to be present or suspected to be present in the subsurface at SWMU-13 and the only secondary source of potential groundwater contamination at SWMU-13 is hydrocarbon-impacted soils. Although impacted soil remains in the subsurface beneath SWMU-13, groundwater monitoring has demonstrated that the residual hydrocarbons no longer pose a threat to groundwater quality as the concentration of VOC and SVOC compounds have decreased over time and no organic constituents of concern have been measured above the NC groundwater quality standard since 2001 and only one organic compound was measured since 2001 above the practical quantitation limit (phenanthrene) at a concentration far below the groundwater quality standard. Secondary sources of groundwater contamination at SWMU-13; therefore, are under control and no offsite migration of contaminants is expected to occur.

Natural biodegradation of the residual hydrocarbons in soils and groundwater has occurred, which causes a localized reducing geochemical state in groundwater proximal to SWMU-1 and SWMU-13. This reducing geochemical state causes naturally-occurring mineral phase iron and manganese in soils to be liberated and enter groundwater in the dissolved phase at concentrations above groundwater standards. The reducing geochemical state in groundwater is controlled by the natural oxidizing geochemical state in groundwater surrounding SWMU-1 and SWMU-13, which causes the dissolved phase iron and manganese in groundwater to precipitate back as a mineral phase and no longer be mobile.

While the natural on-going biodegradation and localized reducing groundwater condition is expected to persist for the foreseeable future, the extent of groundwater with elevated concentrations of iron and manganese in groundwater and the concentration of iron and manganese have declined over time in most monitoring wells, particularly those wells that have historically had the highest concentrations of these metals. As discussed earlier in this section, the zone of reducing conditions is not mobile and its extent is decreasing, so there is no potential for future migration of iron and manganese in groundwater downgradient from the former pits.

Control of Migration

Waste liquids were placed in SWMU-1 during site operations from about 1950 to 1986 and in SWMU-13 from 1950 to 1953. Over the past 70 or so years, contaminants from these pits have biodegraded and concentrations of organic contaminants previously measured above the North Carolina groundwater quality standards have not been measured above the practical quantitation limit in nearly two decades. Reducing conditions in the subsurface as a result of the biodegradation of the organic compounds have been present for many years as well; however, elevated concentrations of iron and manganese in the area near SWMU-1 and SWMU-13 occur within approximately 100 feet or less of the former pit. This area mimics the area where elevated concentrations of petroleum hydrocarbons have historically been observed in soil and groundwater. As the amount of readily degradable hydrocarbons decreases over time, redox

conditions in groundwater will continue to be restored to the natural oxidizing state, leading to a decrease in iron and manganese concentrations in groundwater over time. This observation demonstrates that these compounds are not mobile in the groundwater and their presence is restricted to the area near the former pits, and off-site migration will not occur.

The oxidation of iron and manganese will produce some colloids in groundwater; however, they are not expected to be significantly transported in the aquifer. This is consistent with the groundwater quality observed at the site and is supported by scientific studies. Although the reaction of Fe(II) and Mn(II) with dissolved oxygen and other dissolved constituents will initially produce nano-scale particles of various sizes and stability, depending on mineral surface and aqueous chemistry of the groundwater, studies suggest that these will tend to aggregate and deposit over time (Gunnars et al., 2002). Voegelin et al. (2010 and 2013), for example, demonstrate that nearly 100% of iron oxyhydroxides produced by oxidation in aerated water are retained on filters of 0.2 μm within 4 hours of reaction. At this particle size, transport is driven by physical mechanisms (gravity and fluid drag) as opposed to chemical (*i.e.*, Brownian motion) (Bin et al., 2011), making suspensions inherently unstable, especially in slowly migrating groundwater. Tosco et al. (2013) estimated the travel distance of oxyhydroxide nanoparticles (which were even smaller, 0.1 μm), as between 5 and 30 meters in typical groundwater, to less than 1 meter in groundwater with higher ionic strength. The fact that mineral precipitation (and immobilization) is a well-known process that causes clogging by iron and manganese minerals in wells where reduced and aerated groundwater interact (Farnsworth and Hring 2011), provides additional support to the relative instability of colloids.

In cases where oxidation occurs between reduced dissolved species and oxidized minerals, the reaction itself will occur on the mineral surfaces (e.g. Fe(II) on Mn(IV) and mixed Fe(II)/Fe(III) oxides), and the reaction product will be retained on the surface without colloid formation (Hansel, 2005; Gorski et al., 2012). As an example, Postma and Appelo (2000) conducted a laboratory column study of dissolved Fe(II) oxidation by Mn-oxides and found that mineral precipitation and retention (as opposed to colloid formation and migration) was the principal geochemical process occurring in the columns.

As discussed in **Section 2**, the direction of groundwater flow shifted in the area near SWMU-1 and SWMU-13 in late 2000 from northeasterly to northwesterly. The extent of elevated iron and manganese, though, did not shift which provides additional evidence that the extent of iron and manganese-impacted groundwater persists only where the biodegradation of the organic compounds has occurred, which is immediately beneath and adjacent to the former pits. The iron and manganese are not migrating with the groundwater beyond the zone of reducing conditions in the groundwater near the former pits; therefore, the extent of iron and manganese-impacted groundwater is self-limited by the naturally occurring oxidizing conditions that exist in the surrounding shallow groundwater. The geochemical conditions in the subsurface adequately control migration of iron and manganese in groundwater.

Rates of groundwater flow at the Station indicate that groundwater flows at a rate of about 120 feet per year. The nearest potential receptors to SWMU-1 and SWMU-13 are water supply wells located about 475 feet from SWMU-1 and 450 feet from SWMU-13. Both of these potential receptors are located beyond a one-year time of travel distance from the former pits and beyond the zone of impacted groundwater.

Modeling Analysis of Fate and Transport of Iron and Manganese in Groundwater

The long-term fate and transport of iron and manganese in groundwater downgradient of Former Pit No. 2 was simulated using the USGS-supported geochemical reaction transport model PHREEQC (Parkhurst and Appelo, 1999). These modeling analyses were conducted to gain insight into the natural attenuation processes that have limited the areal extent of elevated concentrations of iron and manganese in groundwater and that have resulted in the gradual reduction through time of the areal extent of groundwater with iron and manganese concentrations in excess of the NC groundwater quality standards. A series of titration experiments were conducted with this model to determine the amount of naturally-occurring oxidants required to attenuate dissolved iron and manganese via mineral precipitation. This mass was subsequently converted to distance using conservative assumptions about the presence of manganese oxide, nitrate, and dissolved oxygen concentrations in the aquifer. It is predicted that iron and manganese will be sequestered from groundwater via mineral precipitation within tens of feet of the reducing conditions that prevail in areas with petroleum hydrocarbons in soil and groundwater. Consequently, no offsite migration will occur.

Iron and Manganese Geochemistry

Iron and manganese are redox-sensitive elements present in all water, soil, and sediment. They predominantly occur in the environment in one of several valence states. For iron, these include Fe(II) and Fe(III) (or Fe^{+2} and Fe^{+3}) (Hem, 1980). For manganese, these include Mn(II), Mn(III), and Mn(IV) (or Mn^{+2} , Mn^{+3} , and Mn^{+4}) (Hem, 1963).

Dissolved concentrations of iron and manganese in groundwater are typically controlled by the solubility of the most-stable mineral under a given set of environmental conditions. **Figures 27a** and **27b** depict (via Eh-pH diagrams) the stable dissolved and mineral forms of iron and manganese at concentrations of 2 mg/L. As shown in **Figure 27a**, the minerals $\text{Fe}(\text{OH})_3$, pyrite, and siderite are supersaturated (and therefore predicted to precipitate) under oxidizing and alkaline conditions. As shown in **Figure 27b**, manganese oxides (pyrolusite [MnO_2], bixbyite [Mn_2O_3], and hausmannite [Mn_3O_4]) and carbonates (rhodochrosite [MnCO_3]) are supersaturated under similar conditions. **Figures 27a** and **27b** also show that groundwater with characteristics similar to well MW-8, which is plotted on the figures, is poised in the stability field of Fe^{+2} and Mn^{+2} , respectively, and therefore does not have a stable mineral phase to regulate dissolved concentrations. As a result, iron and manganese concentrations can rise above 2 mg/L under these Eh-pH conditions.

The fate of iron and manganese in groundwater is primarily affected by microbial respiration that accompanies degradation of organic matter (such as petroleum hydrocarbons). As shown in **Figure 28**, microorganisms gain energy through the process of respiration, during which the microorganisms transfer electrons from organic carbon to a terminal electron acceptor (TEA). Oxygen is the most thermodynamically favorable of the TEAs, and aerobic respiration predominates during the initial (aerobic) degradation process. Once this oxygen supply is exhausted, however, microbial respiration shifts to alternate TEAs (under anaerobic conditions). As shown in the figure, subsequent TEAs include (in the order of utilization): nitrate (NO_3^{-1}); manganese (Mn^{+4}); ferric iron (Fe^{+3}); sulfate (SO_4^{-2}); and carbon (methanogenesis) (Stumm and Morgan, 1996). During iron and manganese reduction, these metals are liberated into groundwater

under conditions such as those that exist at well MW-8, where no stable minerals are available to regulate their concentration.

As dissolved iron (Fe^{+2}) and manganese (Mn^{+2}) are transported away from the zone of active microbial degradation of organic carbon, they will be re-oxidized through reactions with manganese oxide minerals (such as pyrolusite), dissolved nitrate, and dissolved oxygen. These reactions will shift the redox status of the groundwater back into the stability field of iron(III) and manganese(IV) (see arrows in **Figures 27a** and **27b**). As discussed above, dissolved concentrations of iron and manganese will then decrease below North Carolina groundwater quality standards.

Modeling Results

Two sets of model simulations were conducted with the geochemical reaction transport model PHREEQC. The first simulated the effect of titrating groundwater with oxidizing agents. These simulations utilized the approximate groundwater composition of wells MW-3 and MW-2, as background wells for purposes of these analyses, and included MnO_2 , nitrate, and oxygen as oxidants. As shown in **Figure 29a**, the addition of oxidants at levels less than 1 mg/L results in dissolved iron concentrations that fall below 0.3 mg/L due to the precipitation of iron hydroxide minerals. **Figure 29b** shows that dissolved oxygen and nitrate are similarly capable of reducing dissolved manganese concentrations below 0.05 mg/L. In this case, pyrolusite (MnO_2) is predicted to precipitate.

The second set of PHREEQC model titrations were conducted to estimate the distance required for dissolved iron and manganese to be reduced to levels below North Carolina groundwater quality standards for these metals. For these calculations, it was assumed that the natural surrounding groundwater contains approximately 10 mg/kg of MnO_2 based on measured levels of 10 to 100 mg/kg in North Carolina Piedmont saprolite (McDaniel and Buol, 1991). Using a porosity of 0.3, this value corresponds to a titrated quantity of 0.3 moles of MnO_2 per foot along the groundwater flow path. For dissolved oxygen and nitrate, it was conservatively assumed that the ratio of vadose zone infiltration to groundwater (on a per foot basis) is approximately 1:1000. Dissolved oxygen and nitrate concentrations in this infiltration were assumed to be 4 mg/L and 1 mg/L, based on water-quality sampling conducted in 2011.

As shown in **Figure 30**, dissolved iron concentrations are predicted to be below 0.3 mg/L at distances of less than a foot from areas with a reducing groundwater geochemical condition. By contrast, dissolved manganese concentrations are predicted to be attenuated below 0.03 mg/L within approximately 45 feet of the reducing geochemical conditions.

The model simulations were also run using an initial dissolved iron concentration of 12 mg/L and a dissolved manganese concentration of 3 mg/L to simulate the geochemical conditions at higher metals concentrations. Under these conditions, the addition of oxidants at levels less than 10 mg/L results in dissolved iron concentrations that fall below 0.3 mg/L due to the precipitation of iron hydroxide minerals (**Figure 31a**). Dissolved oxygen and nitrate are similarly capable of reducing dissolved manganese concentrations below 0.05 mg/L (**Figure 31b**). In this case, pyrolusite (MnO_2) is predicted to precipitate. Similarly, dissolved iron concentrations are predicted to be below 0.5 mg/L at distances of less than a foot from areas with a reducing groundwater geochemical condition. By contrast, dissolved manganese concentrations are

predicted to be attenuated below 0.03 mg/L within approximately 82 feet of the reducing geochemical conditions (**Figure 32**).

Modeling Conclusions

It is important to distinguish between the supply of oxidants utilized during dissolved iron and manganese attenuation. To the extent that iron is reduced via reactions with MnO₂ minerals there is a finite supply of oxidant. As a result, the supply will eventually be consumed during microbial degradation of organic matter close to the source. This, in turn, means that the actual distance required for attenuation is likely to be greater than predicted via this mechanism. However, the supply of MnO₂ is replenished in downgradient areas where manganese is re-precipitating. Consequently, dissolved iron is unlikely to migrate beyond the extent of the manganese plume, which is consistent with historical and recent water-quality data collected from Station monitoring wells.

The current extent of the manganese plume mimics the area where elevated concentrations of petroleum hydrocarbons have historically been observed in soil and groundwater and where a reducing groundwater condition has been measured. This result is consistent with the model results in **Figure 24**. In addition, as the amount of readily-degradable hydrocarbons decrease over time, groundwater with a reducing geochemical state will continue to be restored to its natural, oxidizing state. This means that dissolved manganese (and iron) concentrations in downgradient monitoring wells will further decrease over time. This is exactly what has been observed at the Station and is additional evidence that offsite groundwater will not be impaired in the future, and that iron and manganese migration in groundwater is adequately controlled and self-limiting.

Section 5

Extent of Impacts and Potential Receptors

Extent of Impacts

The area of impacts for iron and manganese in groundwater are shown in **Figures 15 through 22**. Elevated iron and manganese in groundwater are limited to wells located in proximity to SWMU-1 and SWMU-13 and the extent of groundwater impacts has remained stable and not expanded over time. The concentrations of iron and manganese in monitoring wells located close to SWMU 1 and SWMU 13 are stable or decreasing over time, with the majority of wells showing decreasing concentrations.

Groundwater with concentrations of manganese in excess of the 2L groundwater standards covers the largest area and this area remains within 100 feet of the SWMU 1 and SWMU 13 with a current area of about 0.54 acres (**Figure 20**). The areas with elevated iron and manganese concentrations in groundwater are stable and not increasing over time, nor does impacted groundwater extend to offsite properties.

For iron, the area where concentrations exceed the 2L water quality standard is limited to the area near SWMU-1 (**Figure 17**). Well MW-4D appears to indicate that the plume extent has expanded between 1992 and 2022; however, the time-series plot (in **Appendix E**) indicates that concentrations remain within the historical range and are not increasing. Similarly, the extent of impacts of manganese in groundwater has not expanded over time and the plume remains stable in extent (**Figure 21 and 22**).

Potential Receptors

A human health conceptual site model for potential human receptors is shown in **Figure 33**. The current and future potential exposure pathways to human receptors include ingestion or dermal contact with impacted groundwater or soil.

For potential groundwater receptors, the area with elevated iron and manganese in groundwater does not extend to offsite properties and impacted groundwater is not expected to migrate offsite in the future; therefore, there are no current or future offsite receptors for impacted groundwater and the exposure route to current or future offsite receptors for impacted groundwater is incomplete. The nearest potentially downgradient water supply well, located at 206/214 Transco Road is over 400 feet beyond the zone of impacted groundwater and considered an incomplete pathway due to demonstrated plume stability, the distance to this well, and the presence of monitoring wells not impacted by site contaminants downgradient from the source areas. The two onsite water supply wells for this facility are located upgradient of impacted ground water and are thus considered an incomplete pathway.

Onsite exposure to impacted groundwater by current or future utility/excavation/industrial workers is prevented through the Land Use Restrictions that have been placed at the site to prevent installation of water supply wells in proximity to the SWMUs (**Appendix A**). The potential onsite exposure route for current or future receptors from impacted groundwater is incomplete and there are no potential current or future human receptors for impacted groundwater (**Figure 33**).

Impacted soils occur onsite in the area close to the SWMUs and Land Use Restrictions have been placed to prevent exposure to impacted soils due to excavation/digging in the area near the SWMUs (**Appendix A**). The potential human exposure pathway to impacted soil via ingestion or dermal contact therefore is an incomplete exposure pathway and there are no potential human receptors for impacted soil.

Section 6

Risk Based Environmental Remediation

This report is intended to satisfy the requirements of a Remedial Action Plan report in pursuit of risk-based environmental remediation of the site as described in the North Carolina General Statutes 130A-310.65 through 310.77. These Statutes provide for achieving a risk-based approach to remediate the site groundwater to levels that are protective of human health and the environment, combined with land-use restrictions, as applicable. The restricted-use/risk-based cleanup requires a remedial action plan, the agreement of all affected property owners if the placement of land-use restrictions is needed on their property, in addition to additional fees, ongoing maintenance and inspections of risk-management controls instituted at the site.

The components required for pursuit of risk-based environmental remediation of contaminated sites are discussed below with plans for implementation.

Proposed Remedial Action

Land Use Restrictions have been placed at this site to prevent exposure to impacted soils due to excavation/digging in the area near the SWMUs and to prohibit the installation of water supply wells in proximity to the SWMUs (**Appendix A**). The remedial action proposed for Station 150 for iron and manganese in excess of the 2L groundwater standards are natural attenuation combined with the existing land use restrictions in place at the site. This remedial action will address the limited risk of exposure to receptors through direct contact by site workers and ingestion of impacted groundwater. This remedial action is protective of public health, safety and welfare and the environment.

Long-term groundwater monitoring is not proposed as an element in the remedial action as groundwater monitoring has been ongoing for at least 34 years with measured concentrations of COCs stable or decreasing in all wells. Impacted groundwater from the area near the SWMUs is not expected to migrate offsite and, with land use restrictions in place, poses no risk to public health, safety and welfare and the environment.

The geochemical conditions at the site governing the migration of iron and manganese in groundwater are expected to persist into the future for an undetermined period but these conditions do not pose a risk to human health or the environment. This plan is appropriate as the water quality standards for iron and manganese are not health-based standards.

Obtain Written Consent from Property Owners

The conceptual model for groundwater conditions at this site indicates that COCs are not migrating off site in groundwater to adjacent properties nor are they expected to migrate offsite in the future; therefore, written consent from impacted property owners is not applicable.

Draft Notice of Intent to Remediate and Mailing List

The procedures for risk-based environmental remediation of sites pursuant to NCGS 130A-310.65 through 310.77 requires that Transco prepare a Draft Notice of Intent to Remediate, including a mailing list that identifies all owners of adjoining land, jurisdictional local government

contacts, and any additional parties who have expressed interest in the environmental activities at the site. This information was provided to the DNR and distributed to all owners of adjoining land and local governments in February 2023 as part of the Statement of Intent Package for this facility.

Fee to NCDEQ

Transco submitted the appropriate fee to the NCDEQ in April 2023.

Conduct Required Public Notice of the RAP

Transco will conduct any additional public notices required per recommendations from the NCDEQ.

Final Report

Following implementation of the RAP and recording of the associated legal documents, Transco shall submit a final report to the NCDEQ, with notice to all local government with taxing and land-use jurisdiction over the site, that demonstrates that the remedial action plan has been fully implemented, and that any land-use restrictions have been certified on an annual basis.

Section 7

Summary and Conclusions

1. This Remedial Action Plan report was prepared to satisfy the reporting requirements in pursuit of risk-based environmental remediation of Station 150 as described in the North Carolina General Statutes 130A-310.65 through 310.77.
2. The primary sources of groundwater contamination were the surficial accumulations of hydrocarbon liquids placed in the pits; these primary sources have not been present in many years (i.e., approximately 35 years for SWMU-1 and 70 years for SWMU-13). There are no longer any primary sources of contamination at the former pits such as "...buried waste, waste stockpiles or surficial accumulations of free products".
3. In regard to secondary sources such as contaminated soils and non-aqueous phase liquids, hydrocarbon-impacted soils are still present at both SWMUs, but non-aqueous phase liquids are not known to occur. While hydrocarbon-impacted soils have remained in place, extensive groundwater-quality data show that hydrocarbon compounds previously measured above the NC groundwater quality standards have not been measured in groundwater at concentrations exceeding the practical quantitation limits in nearly two decades. Thus, this secondary source is controlled and no longer poses a threat to groundwater. Hydrocarbon constituents in groundwater have not been detected above practical quantitation limits (and, hence, the NC groundwater quality standards) at SWMU-1 since 2003. At SWMU-13, no organic constituents of concern have been measured above the NC groundwater quality standard since 2001 and only one organic compound was measured above the practical quantitation limit (phenanthrene) but at a concentration far below the groundwater quality standard.
4. Natural biodegradation of the residual hydrocarbons has occurred, which causes a localized reducing geochemical state in groundwater proximal to SWMU-1 and SWMU-13. The reducing geochemical state causes naturally-occurring mineral phase iron and manganese in soils to be liberated and enter groundwater in the dissolved phase at concentrations above groundwater standards. The reducing geochemical state in groundwater is controlled by the natural oxidizing geochemical state in groundwater surrounding SWMU-1 and SWMU-13, which causes the dissolved phase iron and manganese in groundwater to precipitate back as a mineral phase and no longer be mobile a short distance from the SWMUs.
5. There is no risk of fire, explosion, or spread of noxious contaminants resulting from the secondary sources of contamination that remain in the SWMUs.
6. Water-quality data have been collected since 1988 and the groundwater conditions and extent of contaminants in the groundwater have been evaluated. The only remaining compounds that exceed the North Carolina groundwater quality standards consistently in some Station monitoring wells are iron and manganese.
7. Concentrations of Mn and Fe greater than the North Carolina groundwater quality standards occur within the Station property boundary in monitoring wells located within 100 feet of SWMU-1 and SWMU-13.

8. The concentrations of iron and manganese in all monitoring wells are stable or decreasing over time, with the majority of wells showing decreasing concentrations. Furthermore, concentrations of iron and manganese are consistently decreasing in wells that historically had the highest concentrations of these metals.
9. Some of the exceedances of iron and manganese concentrations are attributed to elevated levels of suspended particulate matter (e.g., elevated turbidity) in samples collected from the wells.
10. The areal extent of groundwater with iron and manganese in excess of the NC groundwater quality standard has decreased over time. These observations are made on the basis of over thirty years of water-quality monitoring data from wells near SWMU-1 and SWMU-13.
11. Elevated concentrations of Fe and Mn in shallow groundwater in the area near SWMU-1 and SWMU-13 are a localized phenomenon in the area where biodegradation of organic compounds has and is occurring, resulting in reducing conditions in the subsurface.
12. Impacted groundwater has not, and is not expected to, migrate off site. The zone of reducing conditions in shallow groundwater in the vicinity of SWMU-1 and SWMU-13 is not mobile and the organic constituents responsible for these conditions are not mobile. In fact, observations suggest that the extent of this zone is decreasing with time as several wells that historically had Fe and Mn concentrations in excess of the NC groundwater quality standards no longer have concentrations that exceed the standard. Because the zone of reducing conditions is not mobile, there is no potential for future migration of iron and manganese.
13. Although the extent of shallow groundwater with elevated levels of Mn and Fe has decreased over time, the concentrations of Fe and Mn are expected to exceed the NC groundwater quality standards in limited areas into the foreseeable future.
14. The time and direction of migration of iron and manganese can be predicted with reasonable certainty. Although the direction of groundwater flow near SWMUs 1 and 13 has shifted over time, the concentrations of iron and manganese in groundwater is decreasing over time and the plume extent has not shifted with the direction of groundwater flow.
15. The iron and manganese are not migrating with the groundwater beyond the zone of reducing conditions in the groundwater near the former pits; therefore, the extent of iron and manganese-impacted groundwater is self-limited by the naturally occurring oxidizing conditions that exist in the surrounding shallow groundwater. The geochemical conditions in the subsurface adequately control migration of iron and manganese in groundwater.
16. Empirical groundwater-quality data and observations are consistent with modeled behavior, which show that dissolved phase iron and manganese will readily precipitate as solid mineral phases within short distances of the localized groundwater with reducing conditions.
17. The presence of elevated concentrations of iron and manganese in groundwater, which is currently confined to the area close to the former pits, and the extent of impacted groundwater is not expected to expand over time.

18. Public water supply is available for nearby water users.
19. Perpetual land use restrictions were placed on the site in 2016 as part of the Alternative Mechanism in lieu of Post-Closure Permit for the site. These LURs prohibit the installation of water-supply wells and excavation and earthwork in the immediate area of SWMU-1 and SWMU-13.
20. Potential exposure routes for current or future human receptors to site contaminants include ingestion or dermal contact with impacted soil or groundwater. These potential exposure routes are incomplete and there are no current or future human receptors for impacted groundwater or soil.
21. Potential exposure routes for current or future human receptors to site contaminants due to ingestion or dermal contact with impacted soils is an incomplete exposure route because the LURs in place at the site prohibit activities which could lead to human exposure, including drilling, excavation and earthwork in the area near SWMU-1 and SWMU-13.
22. Impacted groundwater does not extend offsite, nor is impacted groundwater expected to migrate offsite, therefore, the current and future exposure route for offsite groundwater receptors is incomplete. The exposure route for current and future onsite groundwater receptors also is incomplete as LURs in place at the site prevent drilling or installation of water supply wells in proximity to the SWMUs and existing site water supply wells are located upgradient from areas of impacted groundwater.
23. Site conditions are consistent with Risk-Based Closure requirements as described in North Carolina General Statutes 130A-310.65 through 310.77. The remedial action proposed for Station 150 for iron and manganese in excess of the 2L groundwater standards are natural attenuation combined with the existing land use restrictions. This remedial action is protective of public health, safety and welfare and the environment.

Section 8

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FIGURES

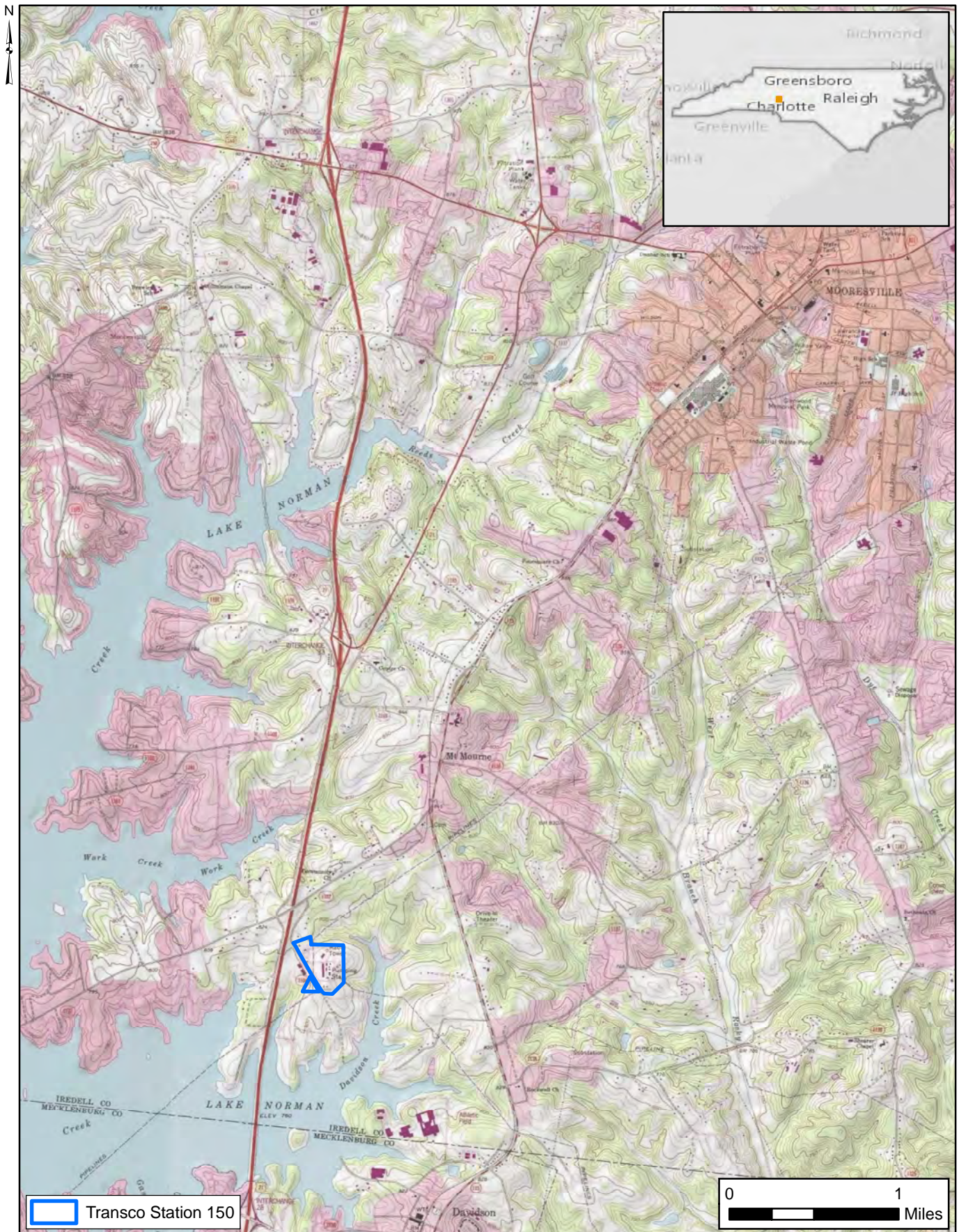


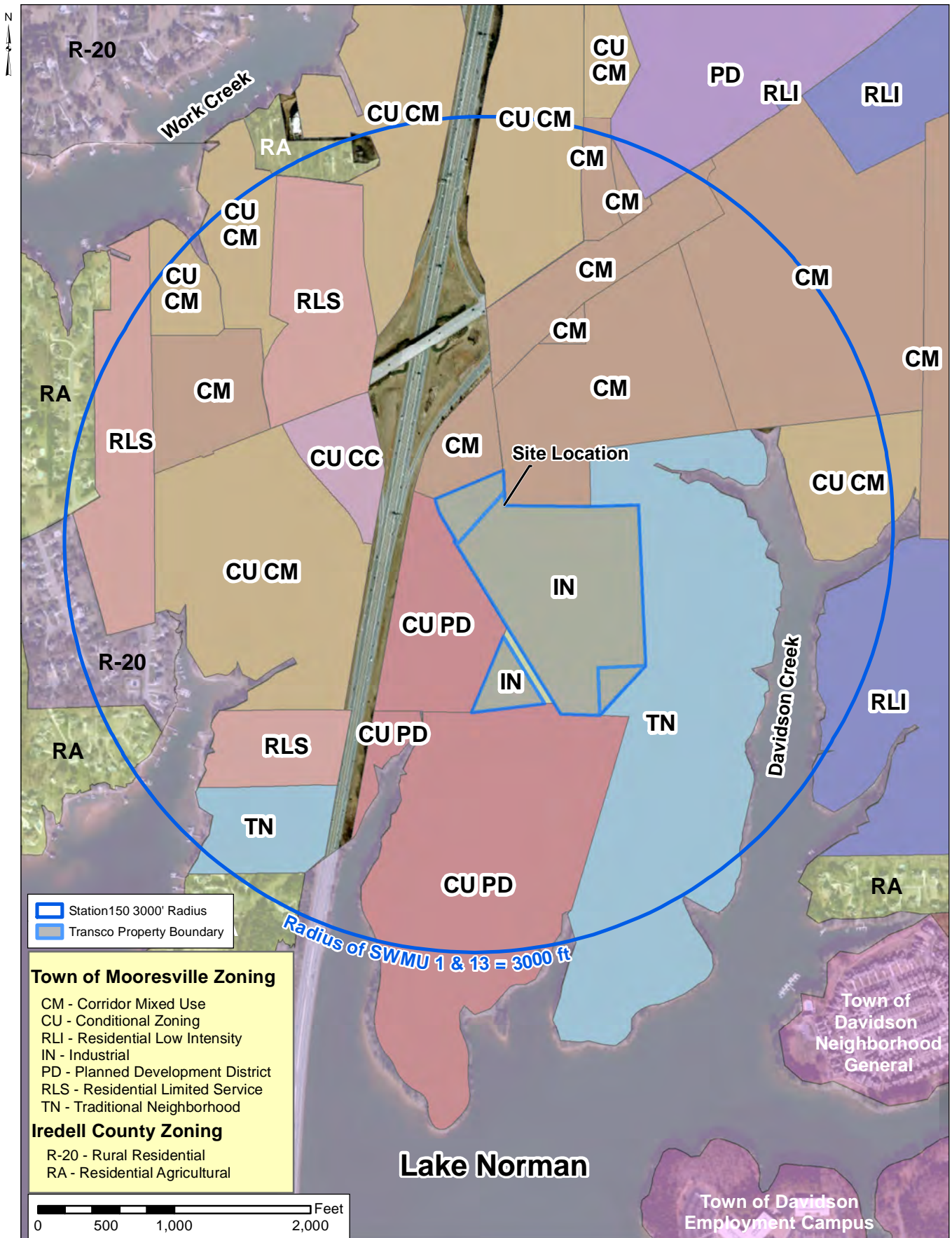
Figure 1 Regional Site Location Map - Station 150



Figure 2 Station 150 Property Map and Site Features

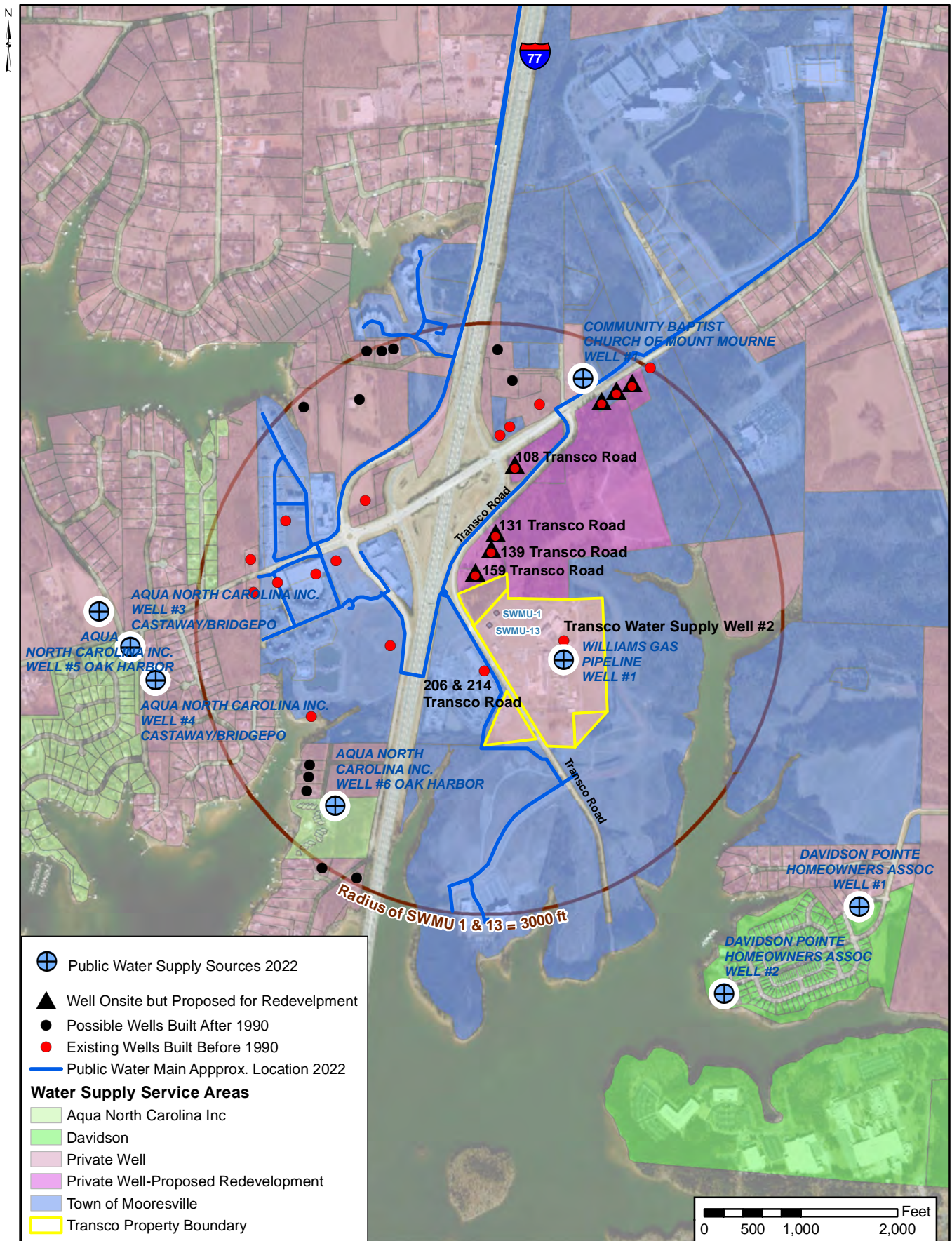


Figure 3 Adjacent Parcel Identification



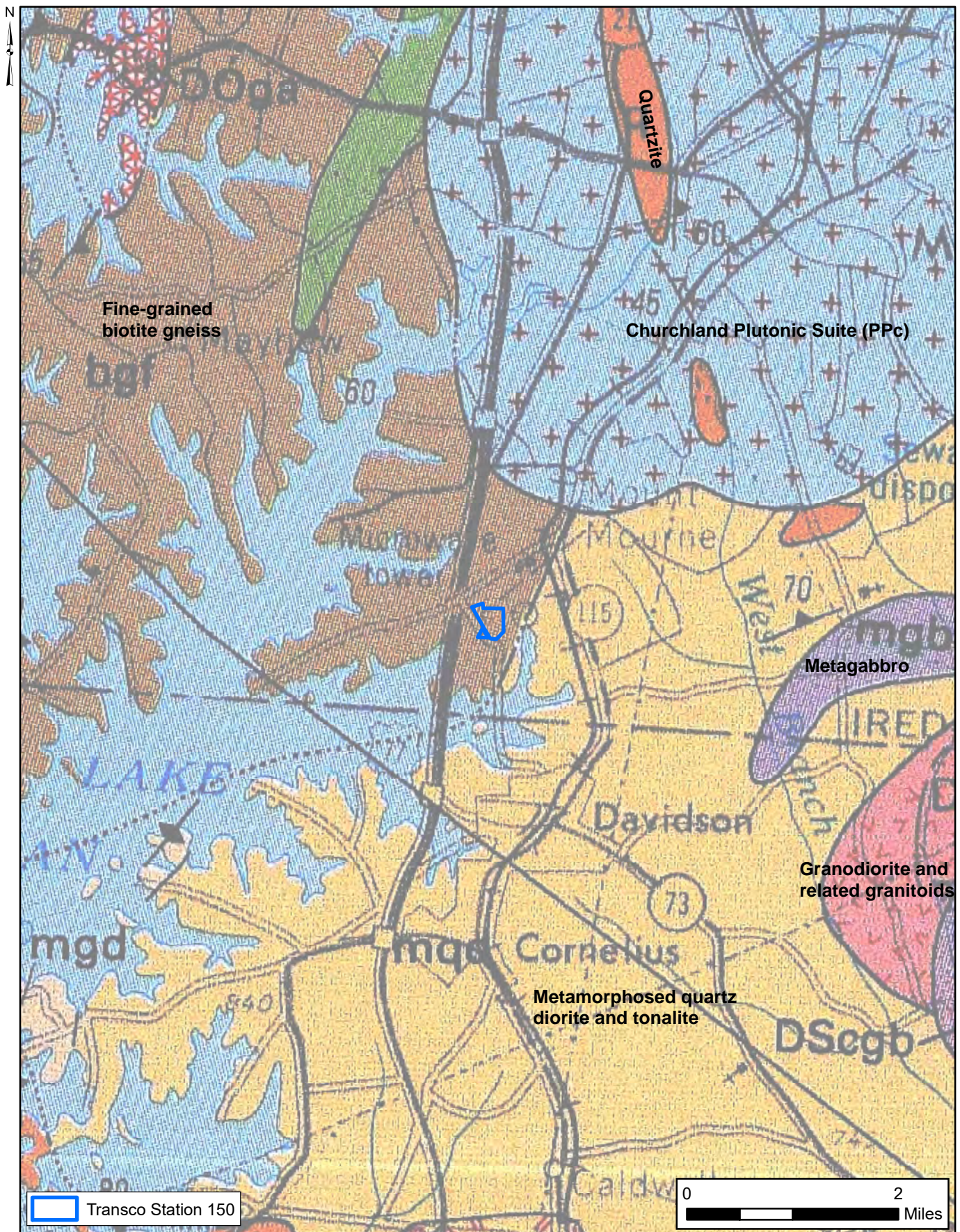
Note: Zoning data from <https://iredellcountync.mapgeo.io/datasets> August 4 2023.

Figure 4 Zoning Map of Nearby Areas



Water supply data from Iredell County GIS/Mapping Department

Figure 5 Iredell County Water Supply Areas and Well Locations



After: Goldsmith R., Milton, D.J., and J. Wright Horton, Jr., 1988. Geologic Map of the Charlotte 1 degree by 2 degree Quadrangle, North and South Carolina. USGS Miscellaneous Investigations Series Map I-1251-E.

Figure 6 Regional Geologic Map



Figure 7 Monitoring Well Location Map - Station 150

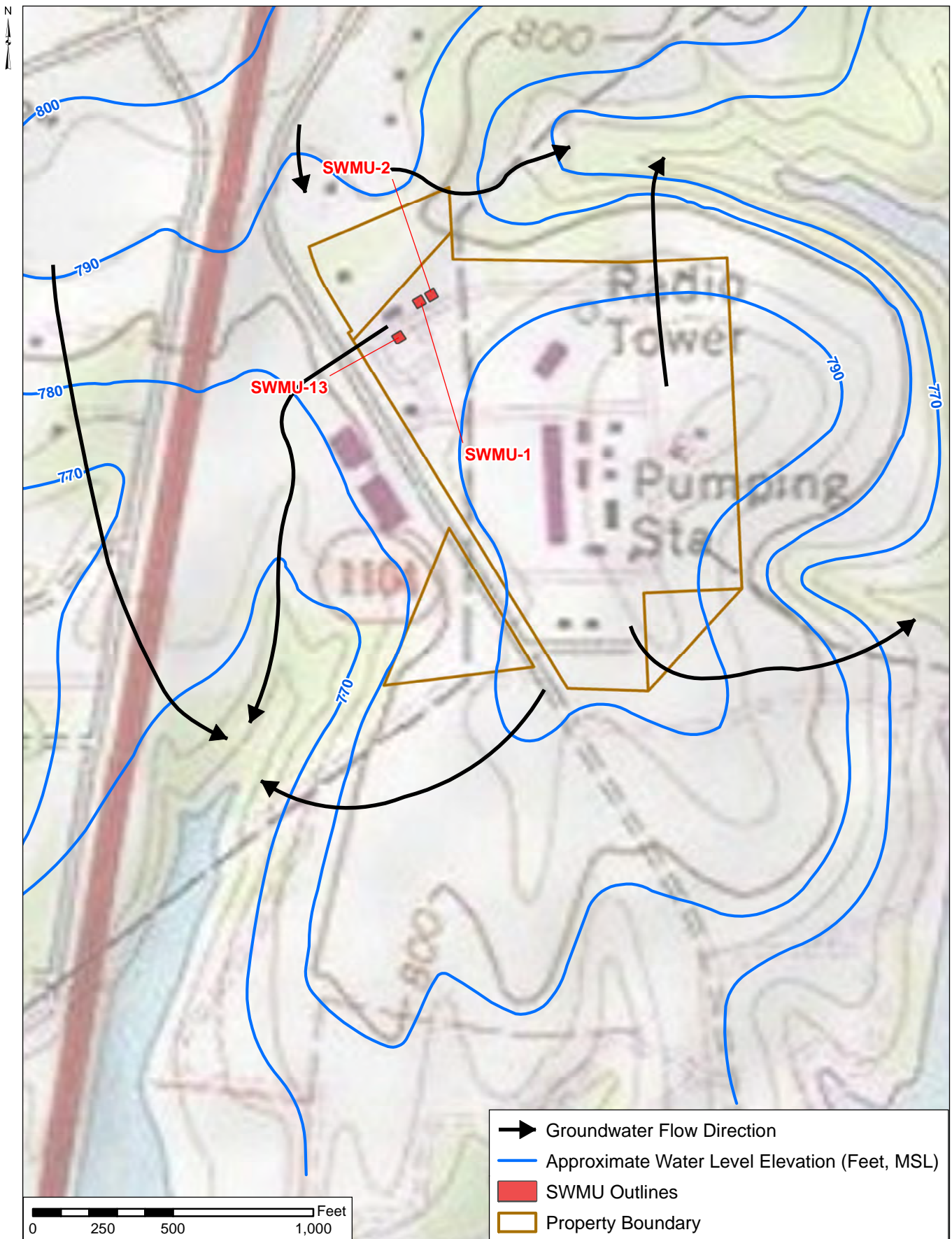


Figure 8 Regional Water Level Map

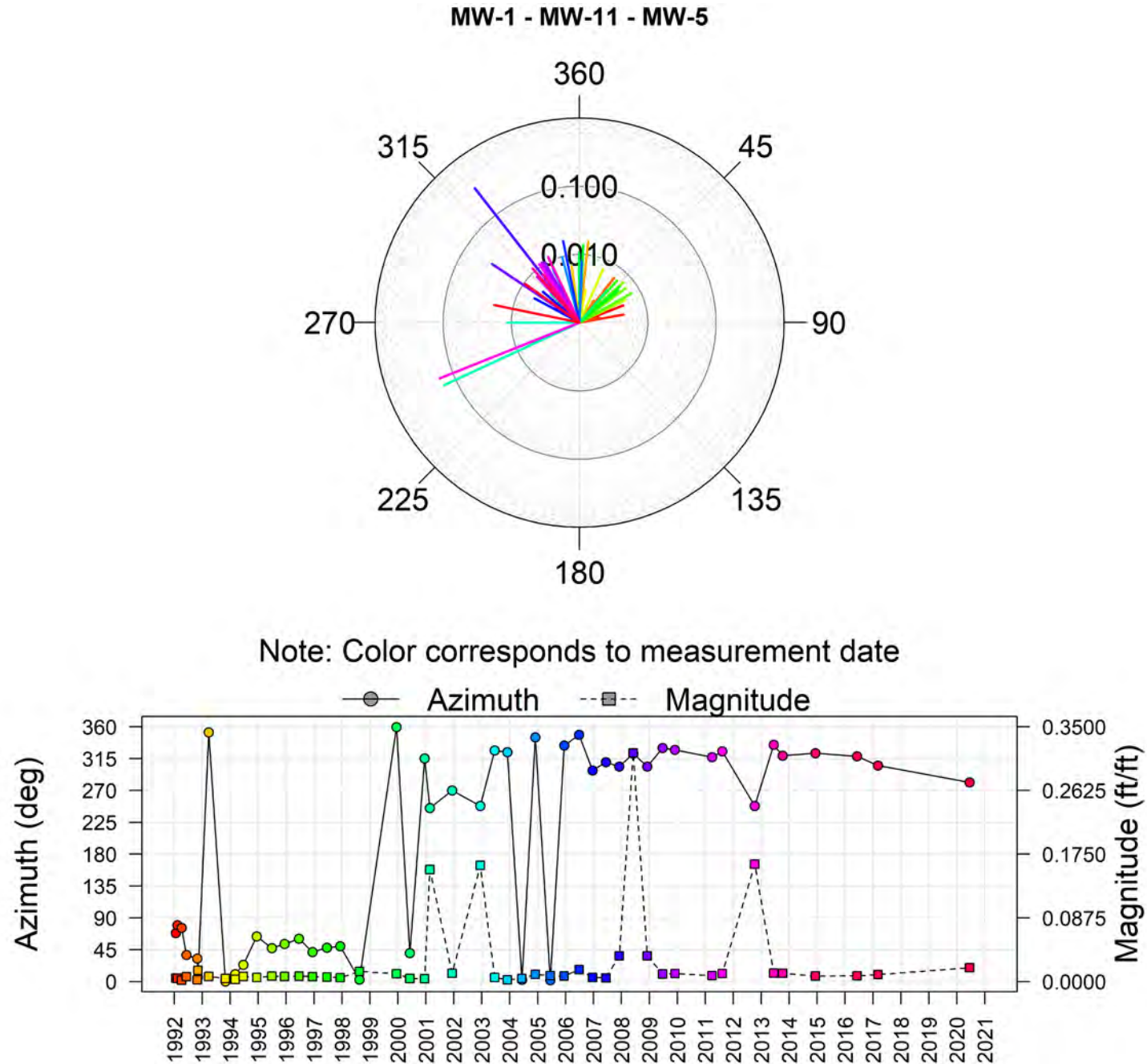


Figure 9 Direction of Groundwater Flow (Azimuth) and Gradient (Magnitude) between Wells MW-1, MW-5, and MW-11

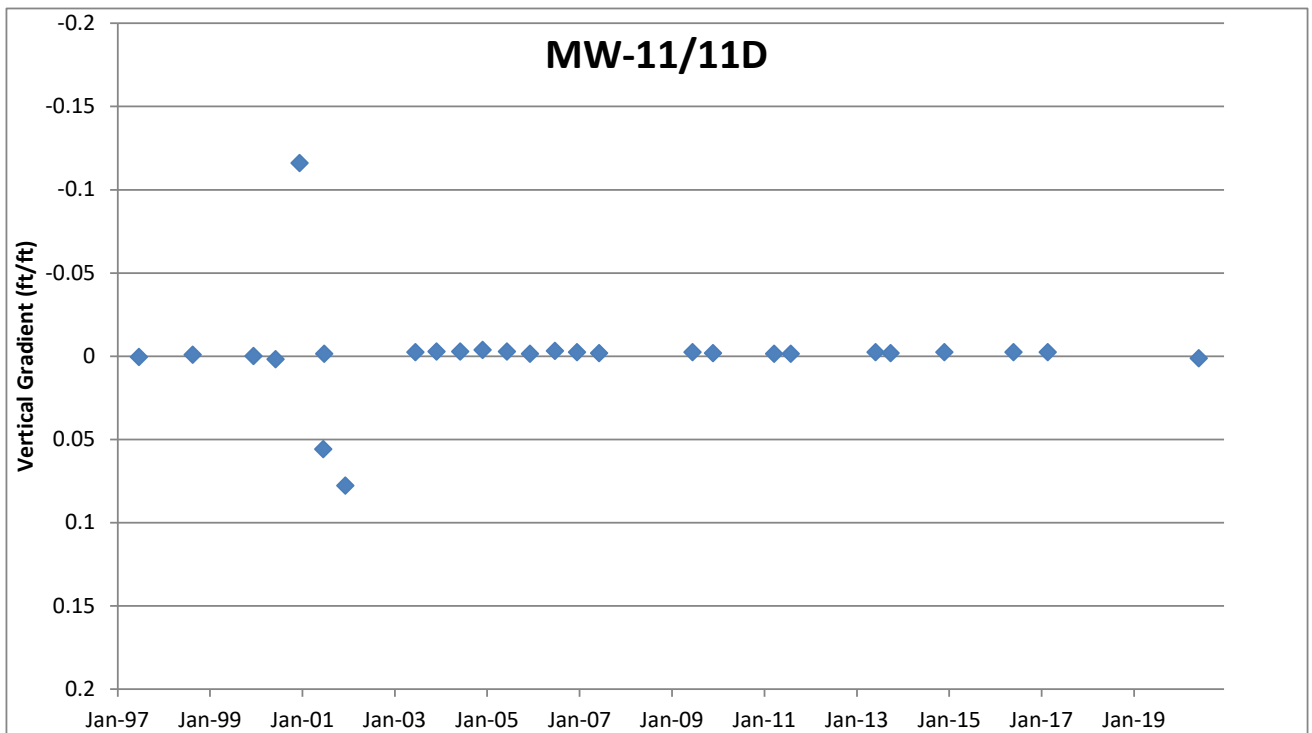
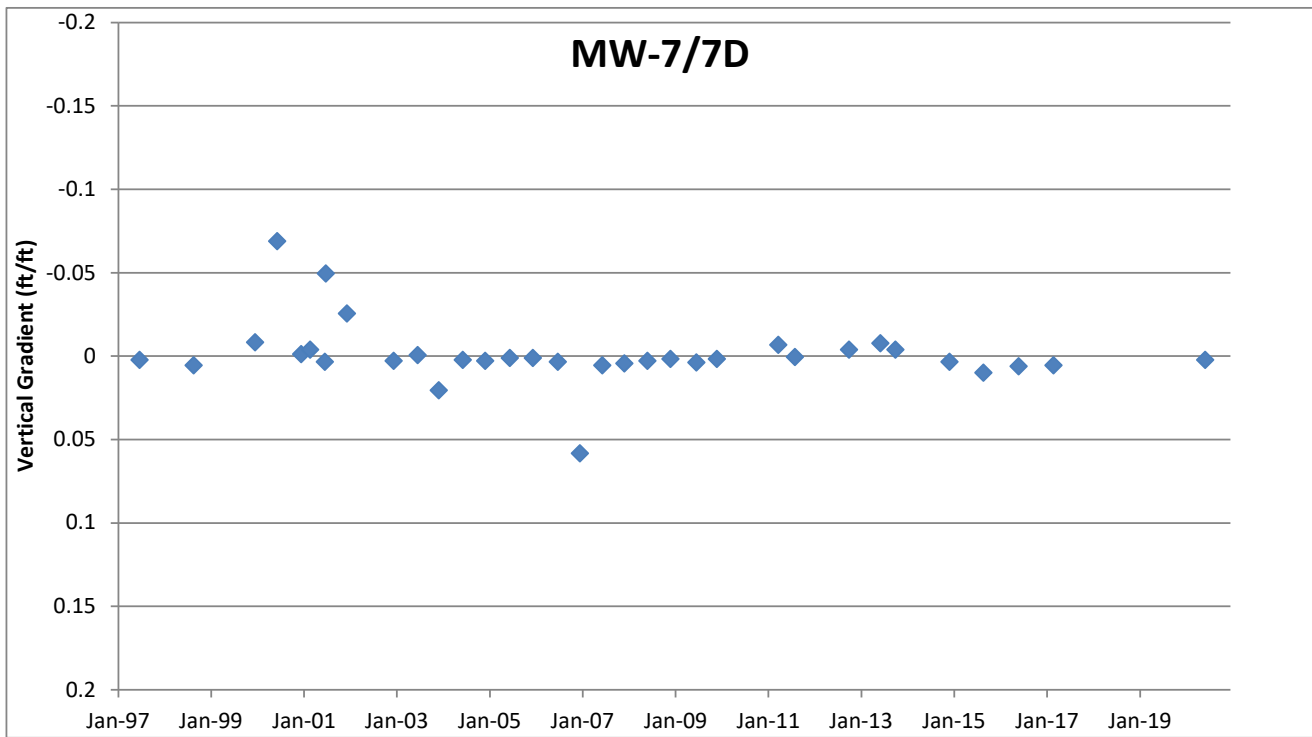


Figure 10 Vertical Hydraulic Gradient in Well Pairs MW-7/ MW-7D and MW-11/ MW-11D

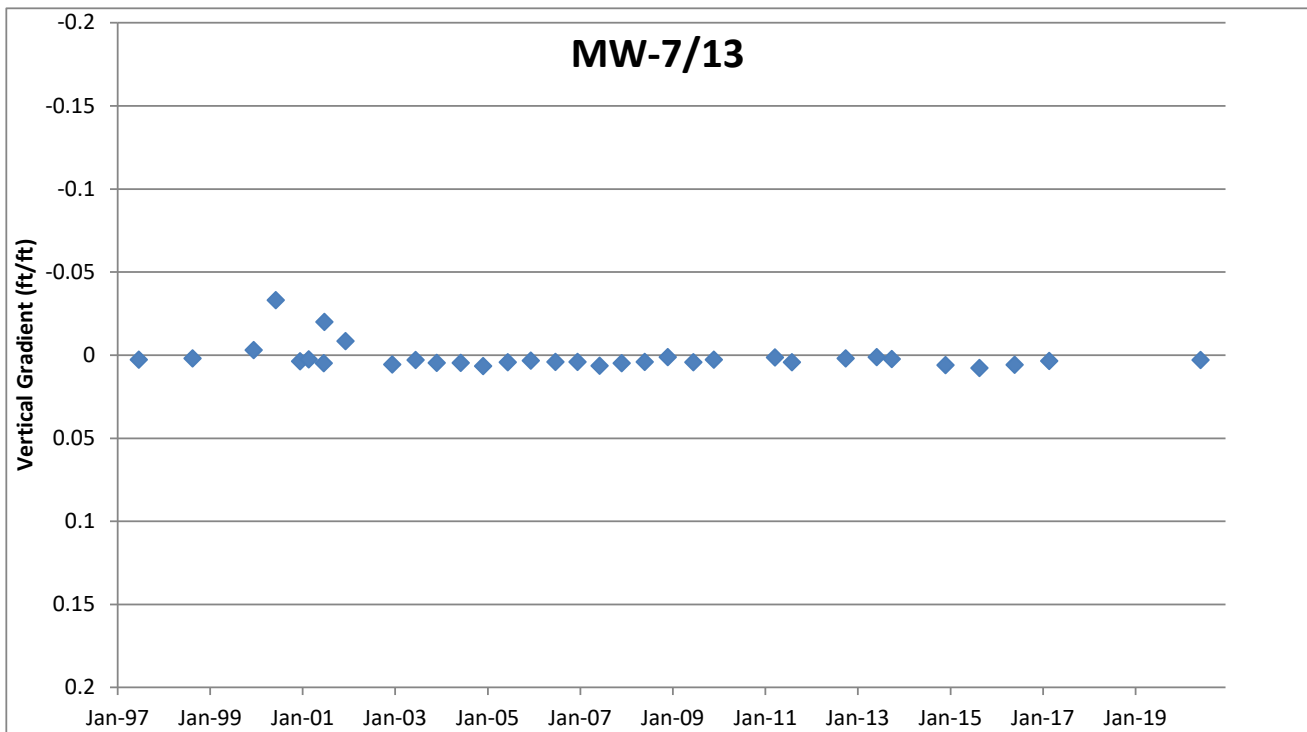
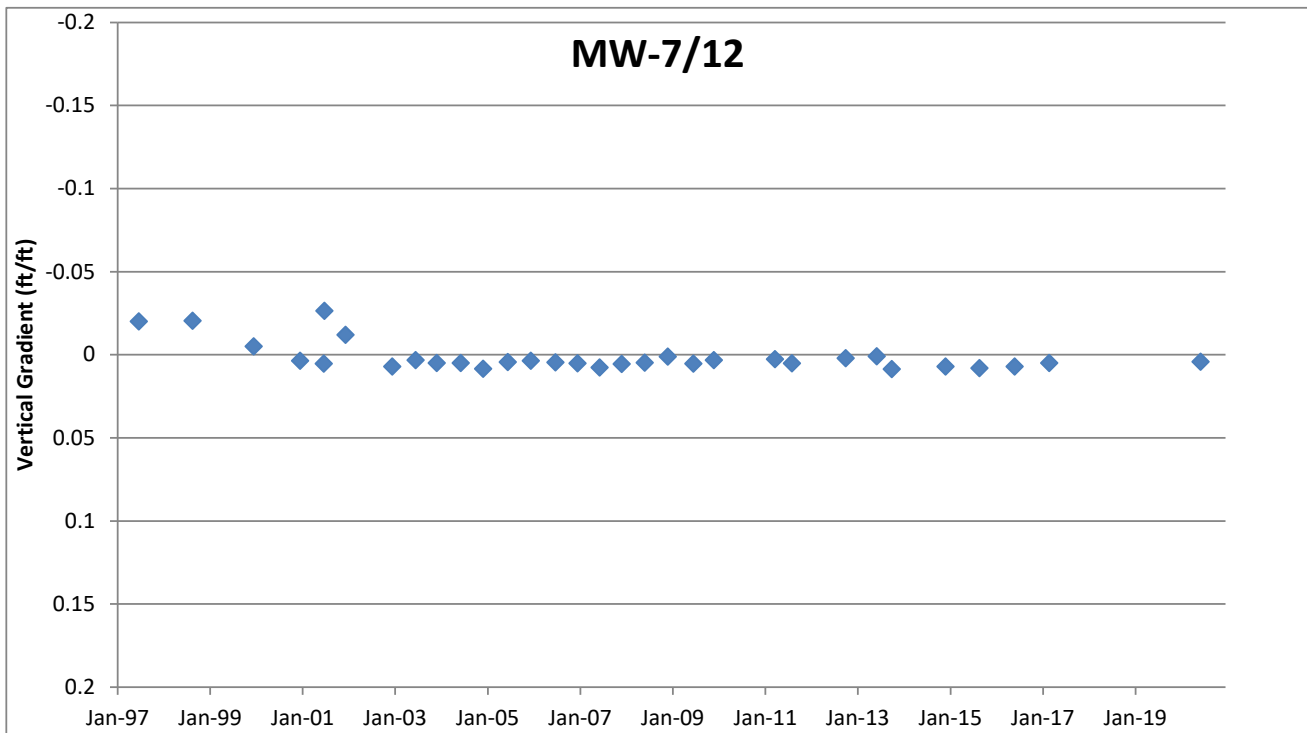


Figure 11 Vertical Hydraulic Gradient in Well Pairs MW-7/MW-12 and MW-7/MW-13

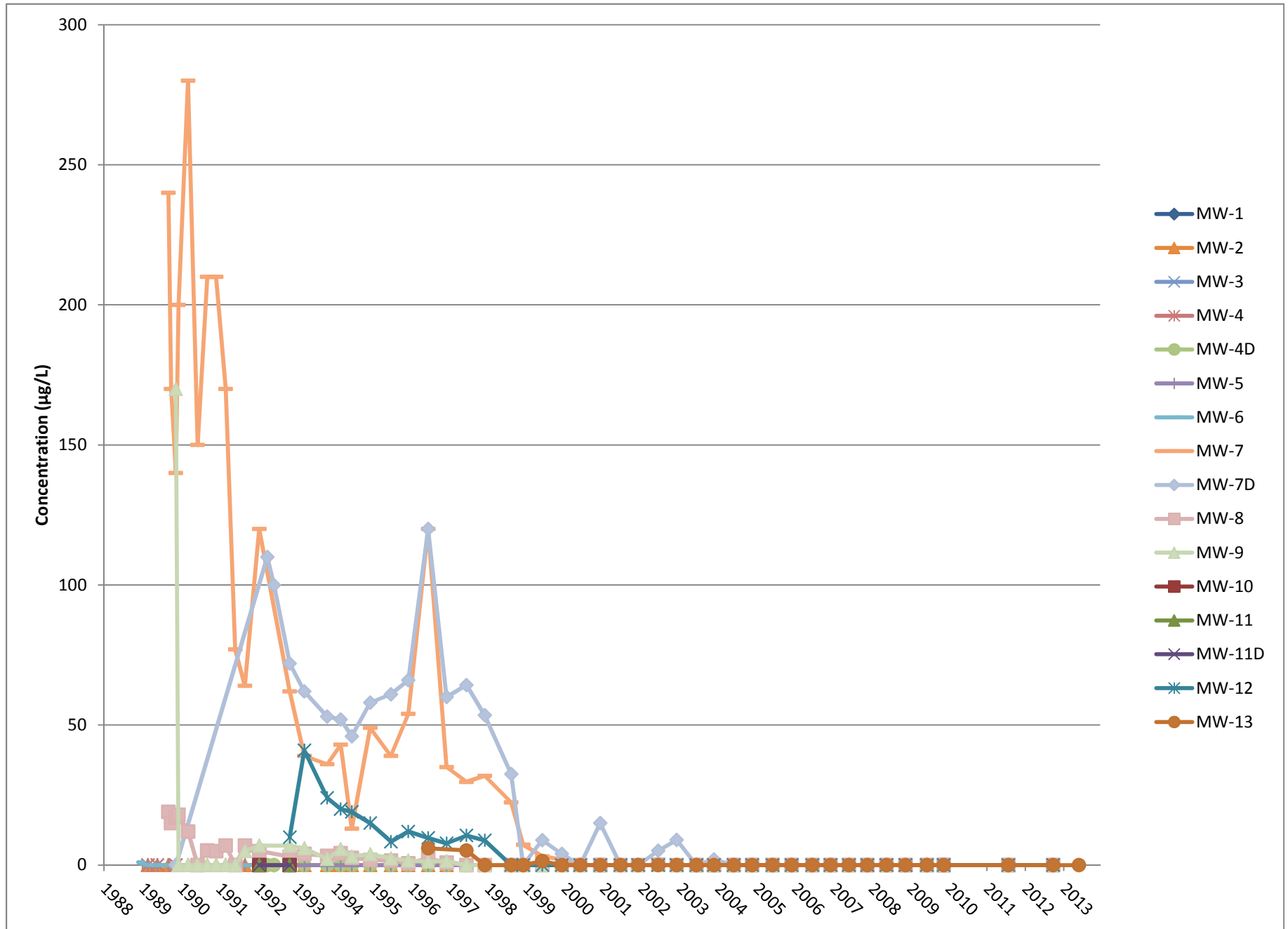


Figure 12 Benzene Concentration Measured in Monitoring Wells at SWMU-1

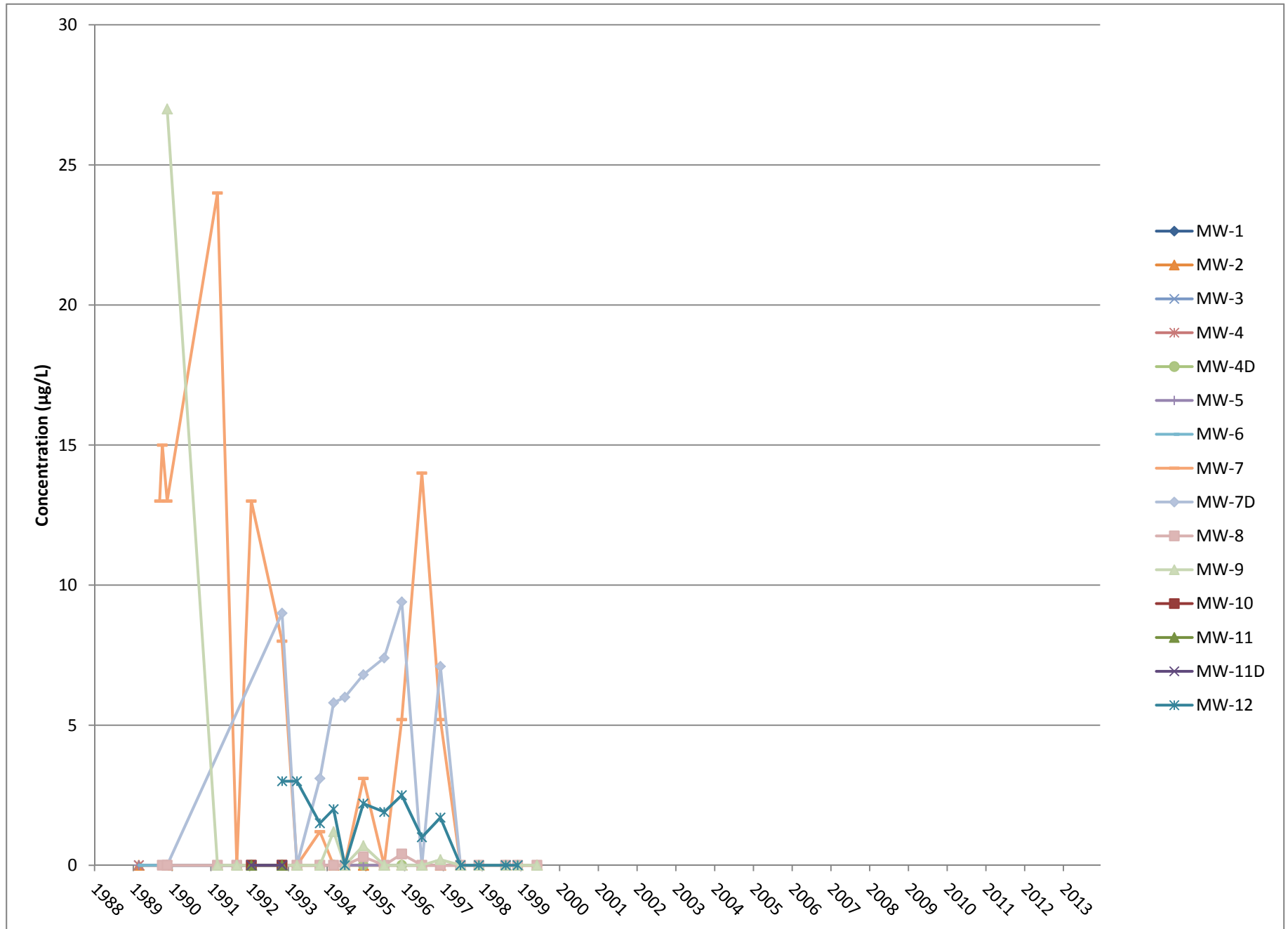


Figure 13 Naphthalene Concentration Measured in Monitoring Wells at SWMU-1

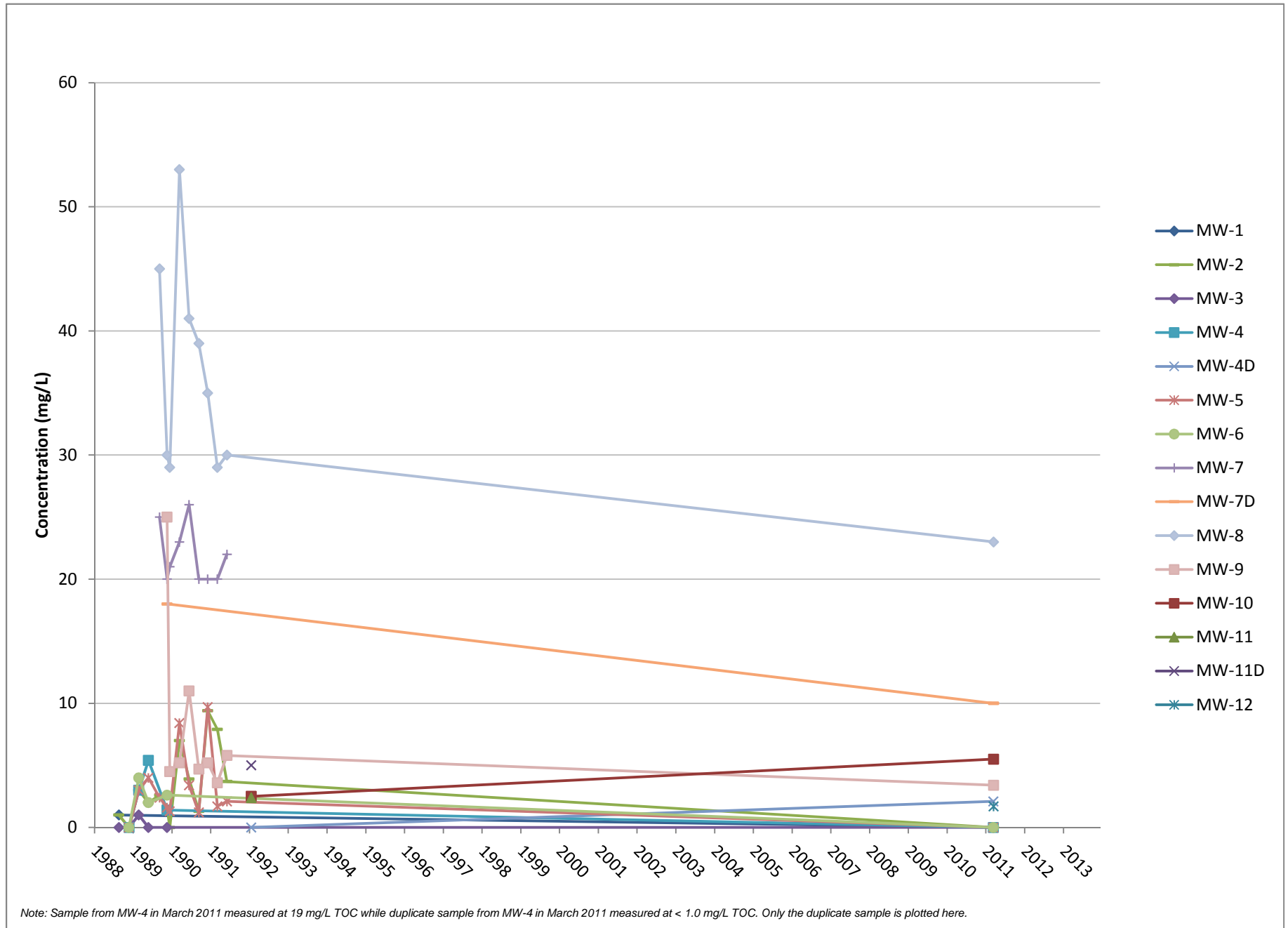


Figure 14 Total Organic Carbon Concentration Measured in Monitoring Wells at SWMU-1

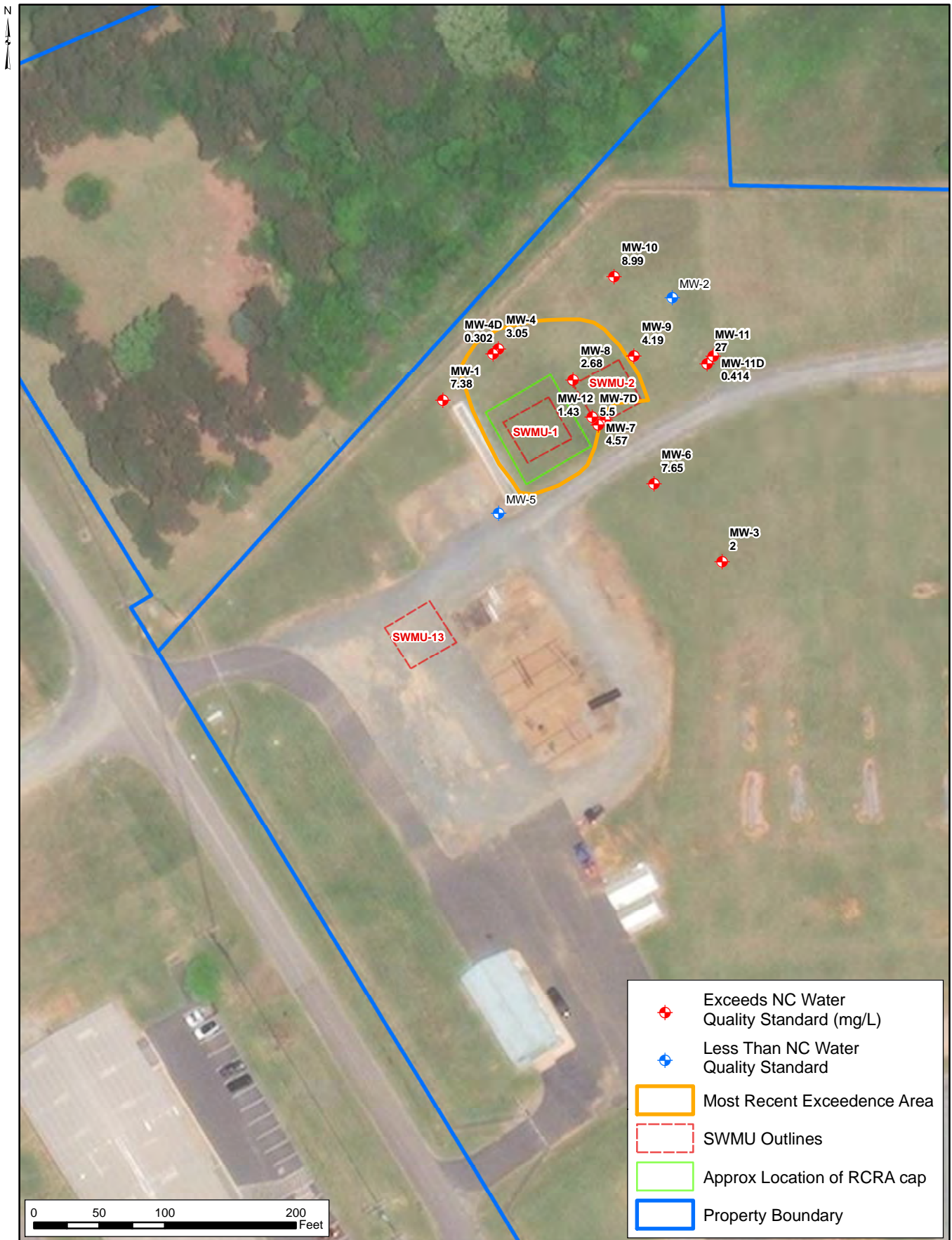


Figure 15 Total Iron in Monitoring Wells - November 1992

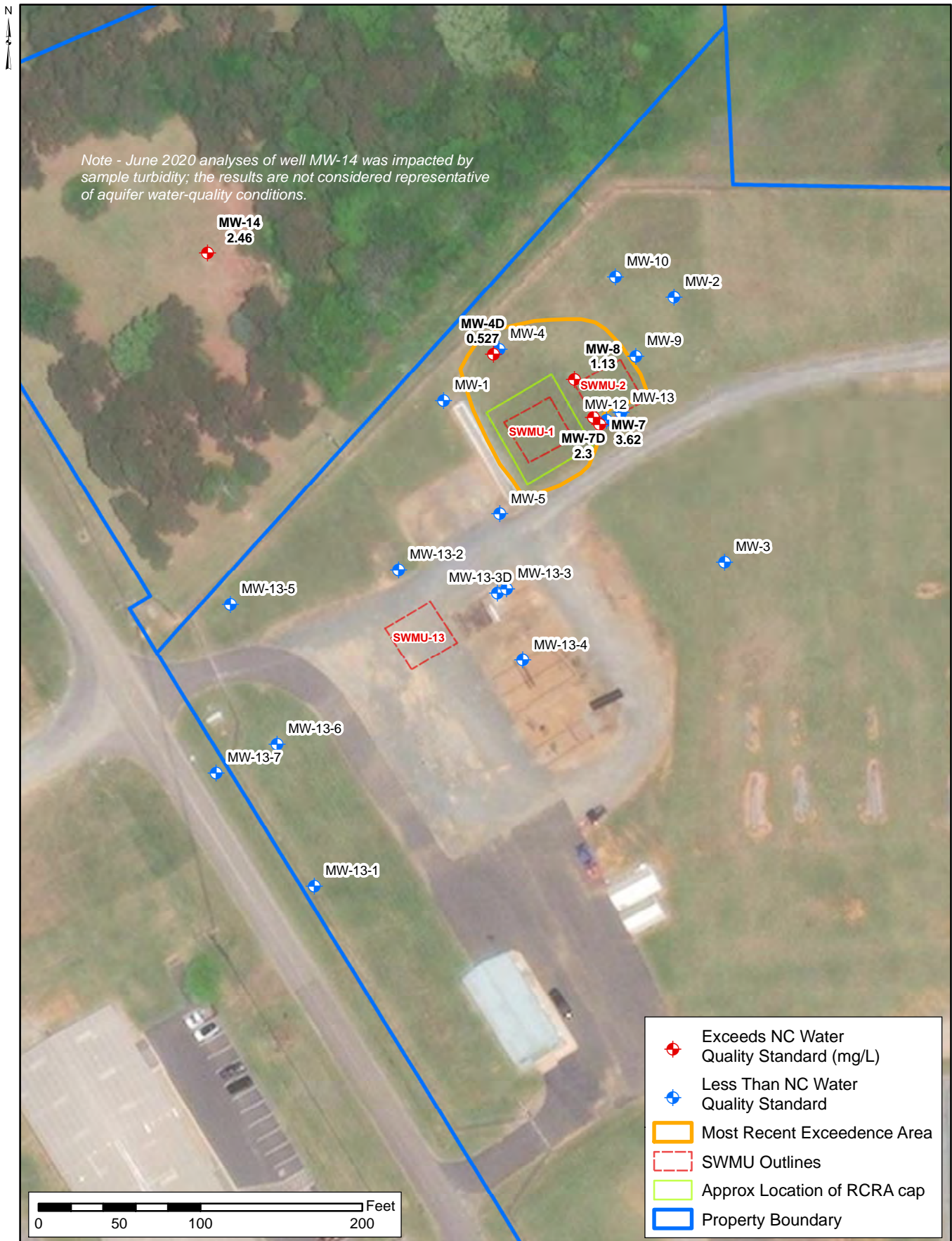


Figure 16 Total Iron - Most Recent Analysis

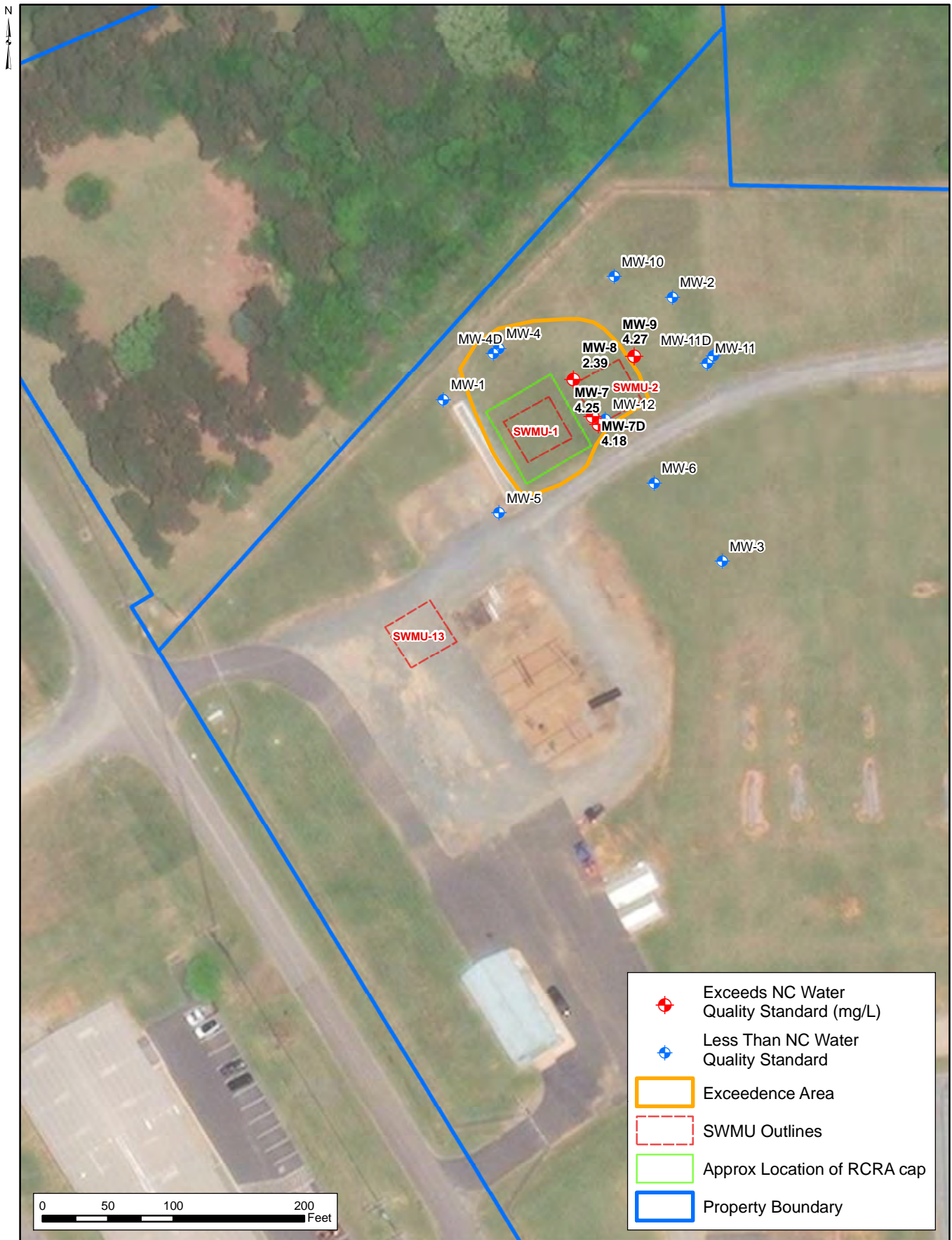


Figure 17 Dissolved Iron in Monitoring Wells - November 1992

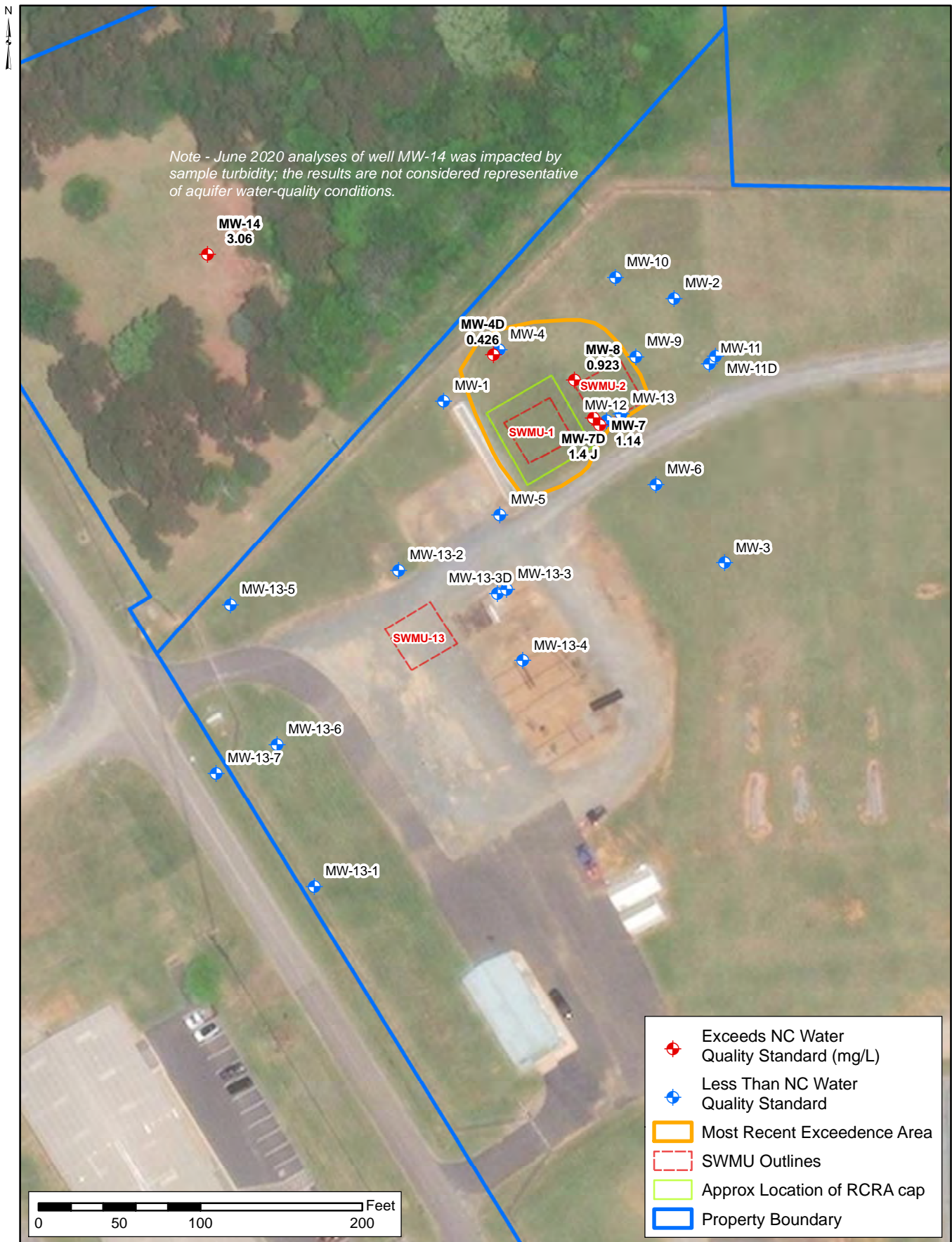


Figure 18 Dissolved Iron - Most Recent Analysis

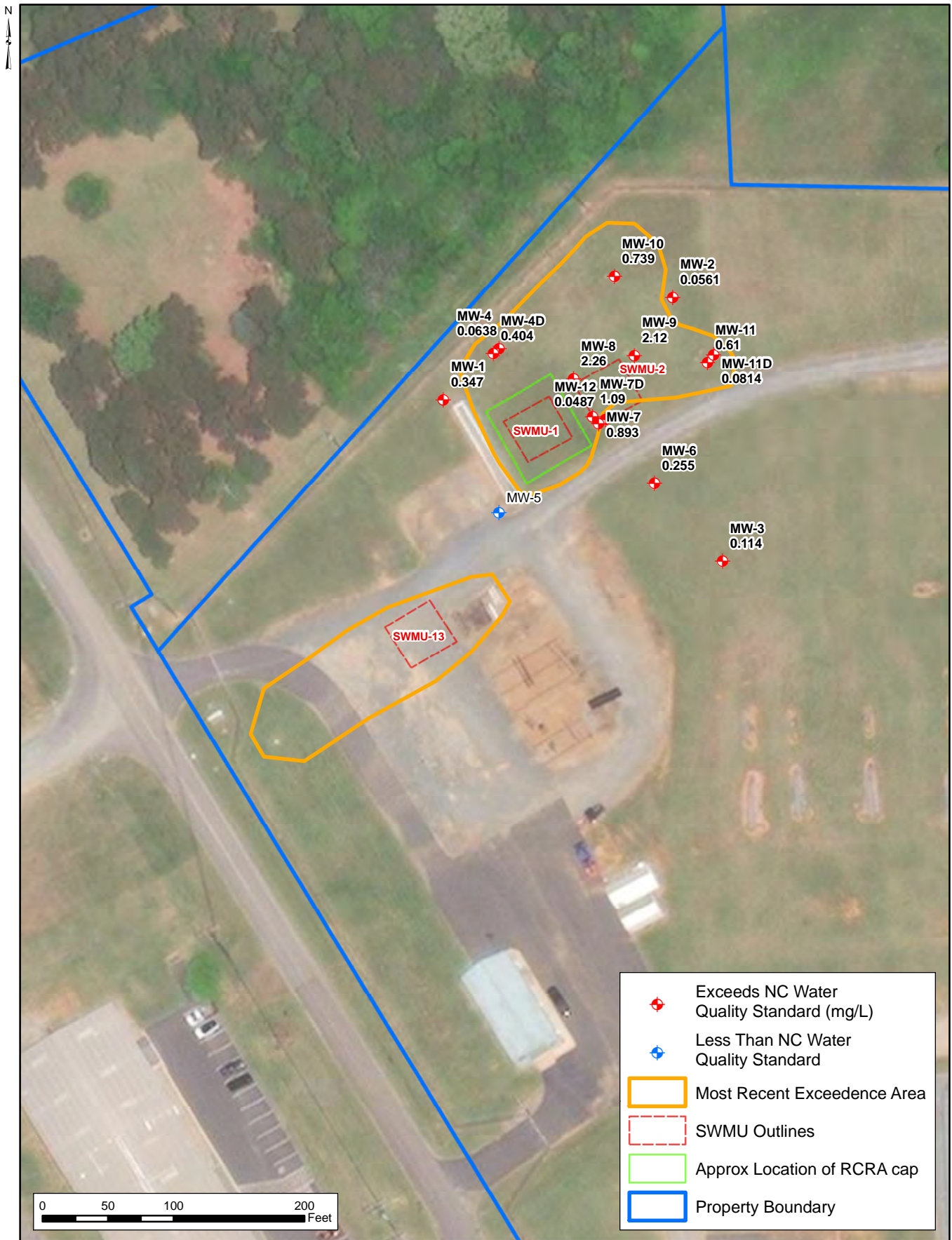


Figure 19 Total Manganese in Monitoring Wells - November 1992

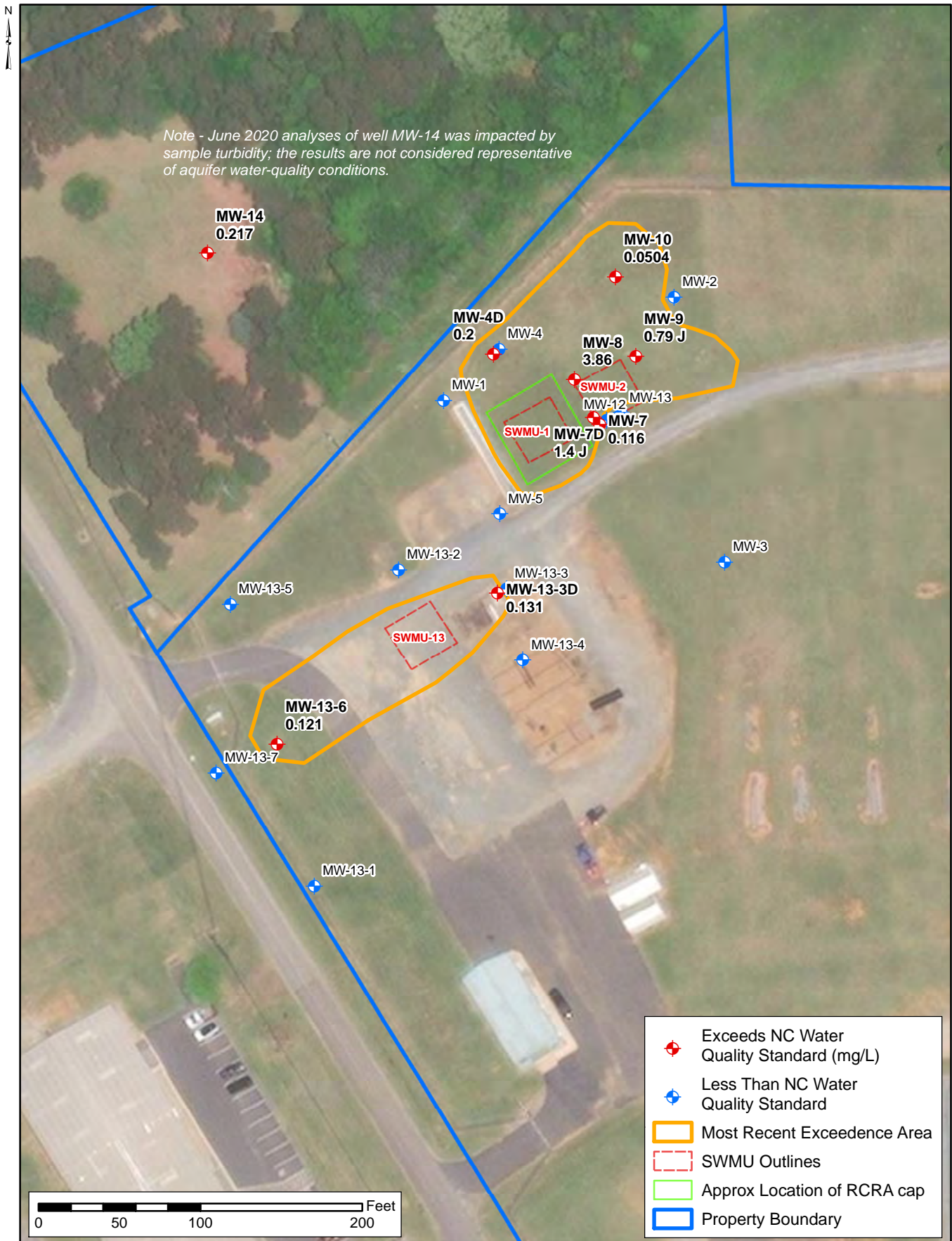


Figure 20 Total Manganese - Most Recent Analysis

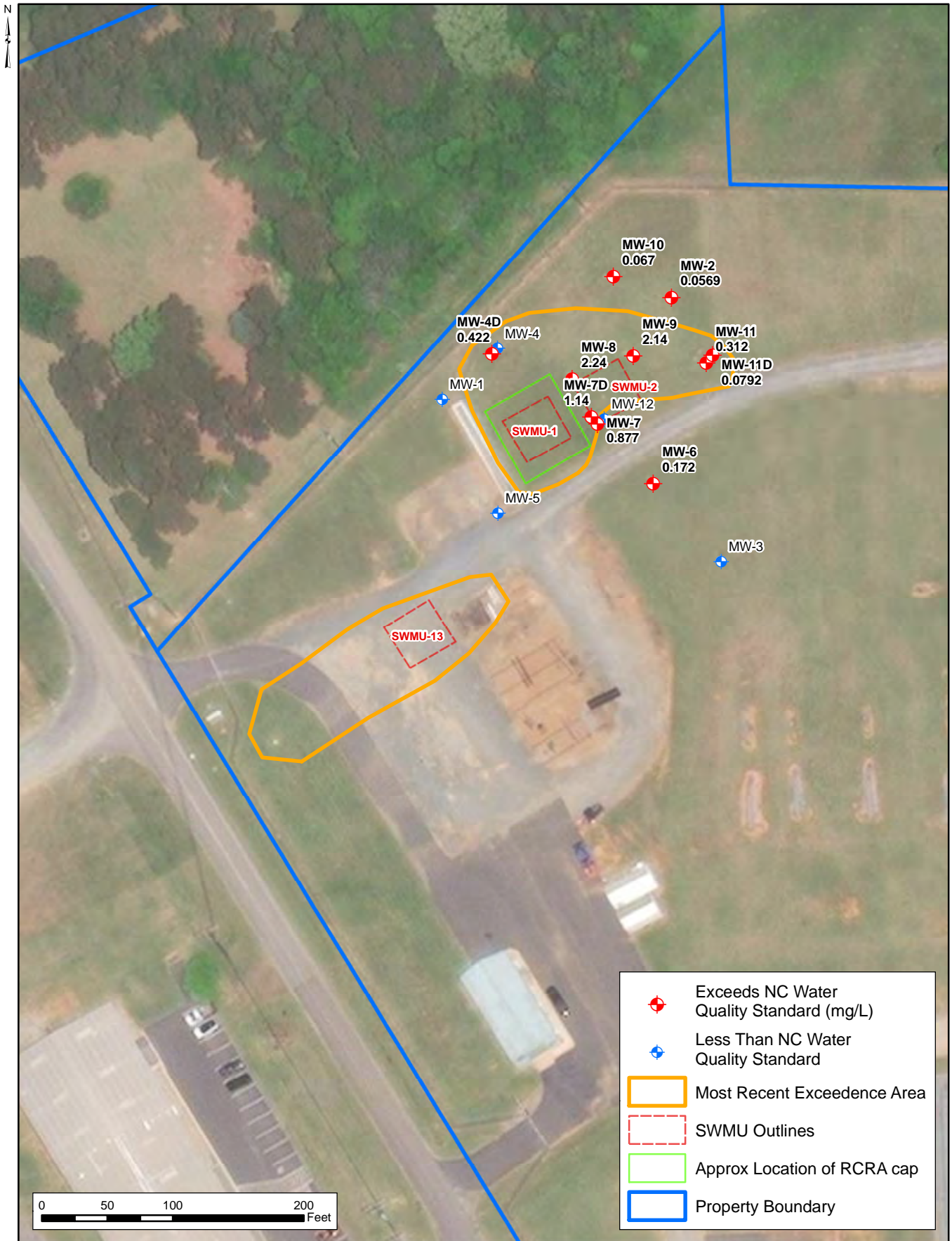


Figure 21 Dissolved Manganese in Monitoring Wells - November 1992

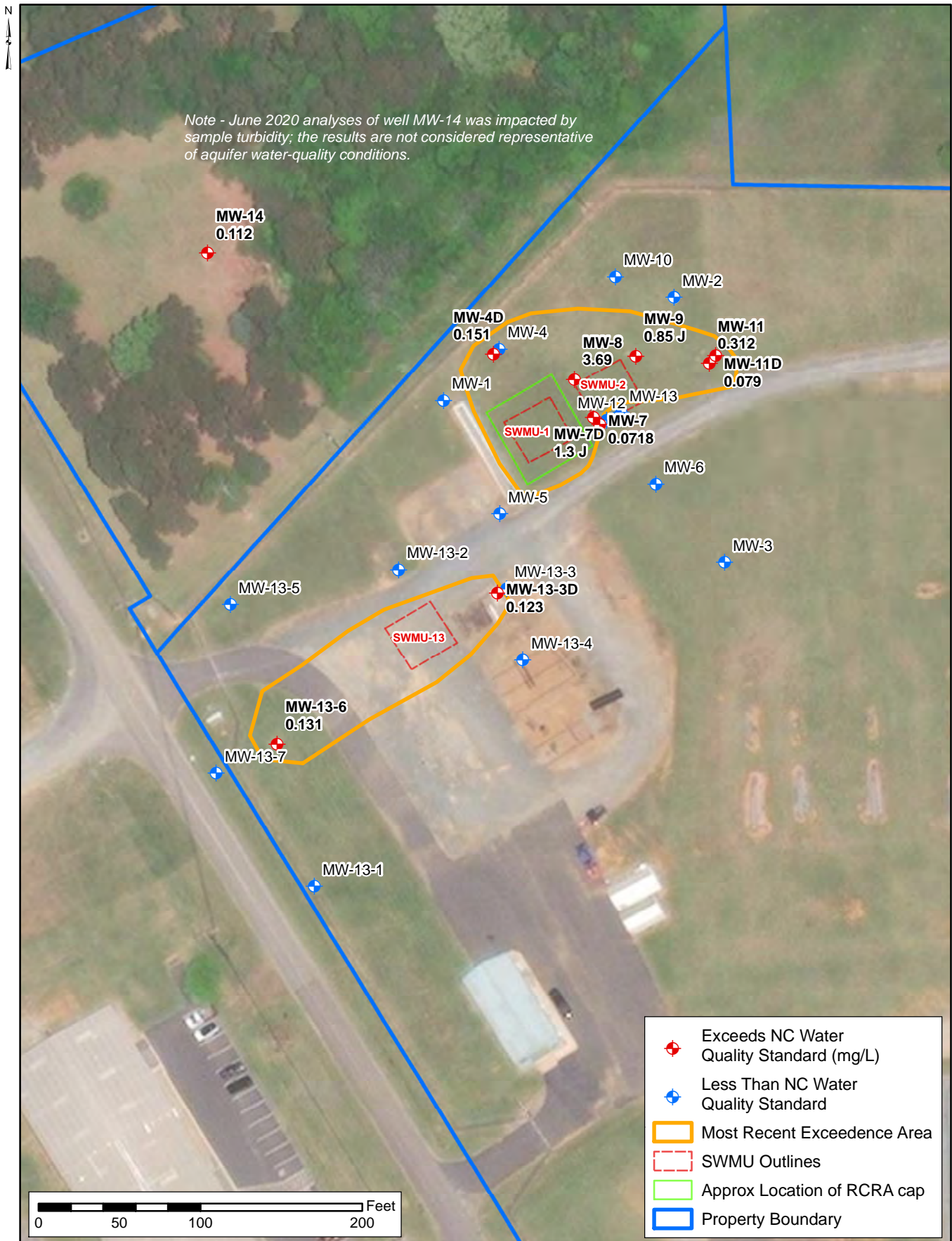


Figure 22 Dissolved Manganese - Most Recent Analysis

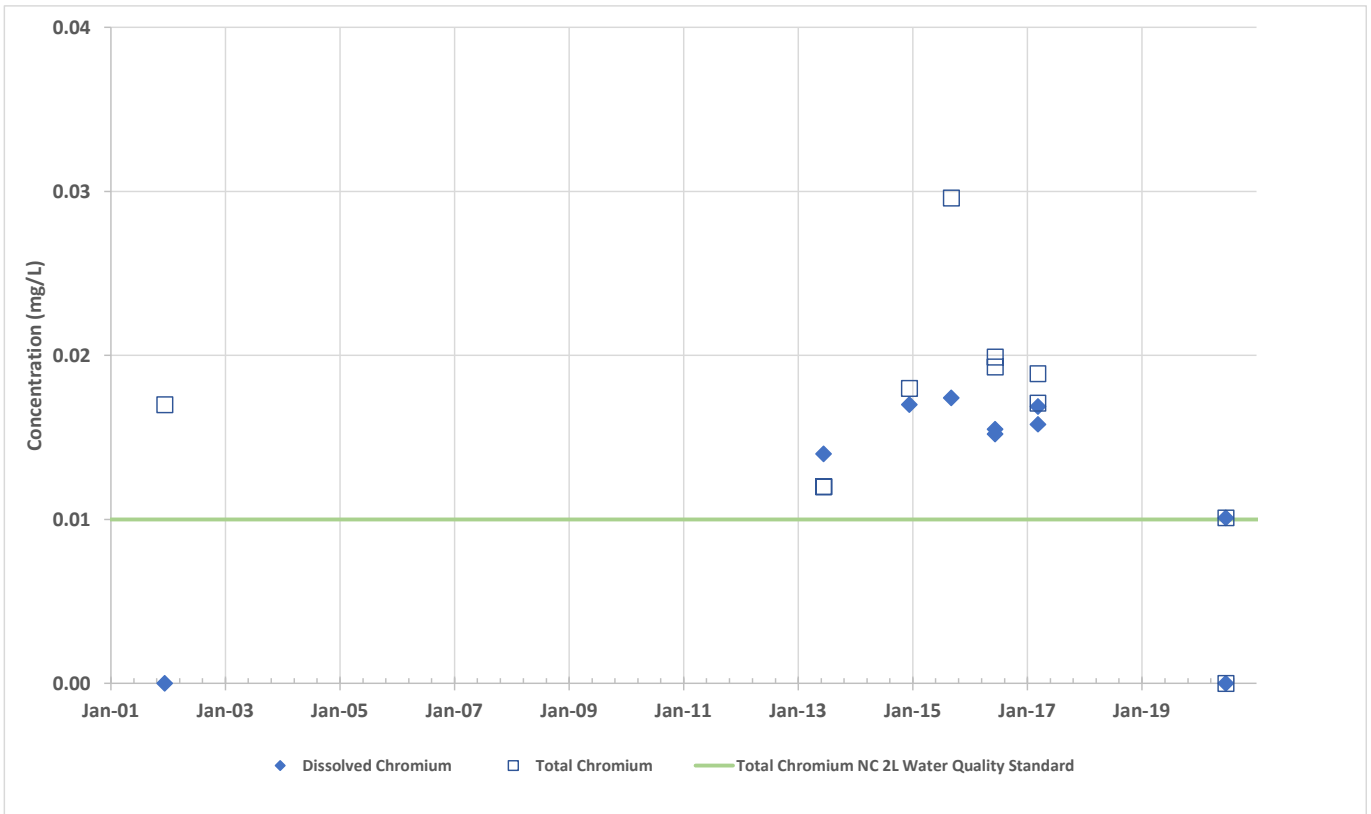


Figure 23 Time-Series of Chromium Concentrations in Well MW-13-2

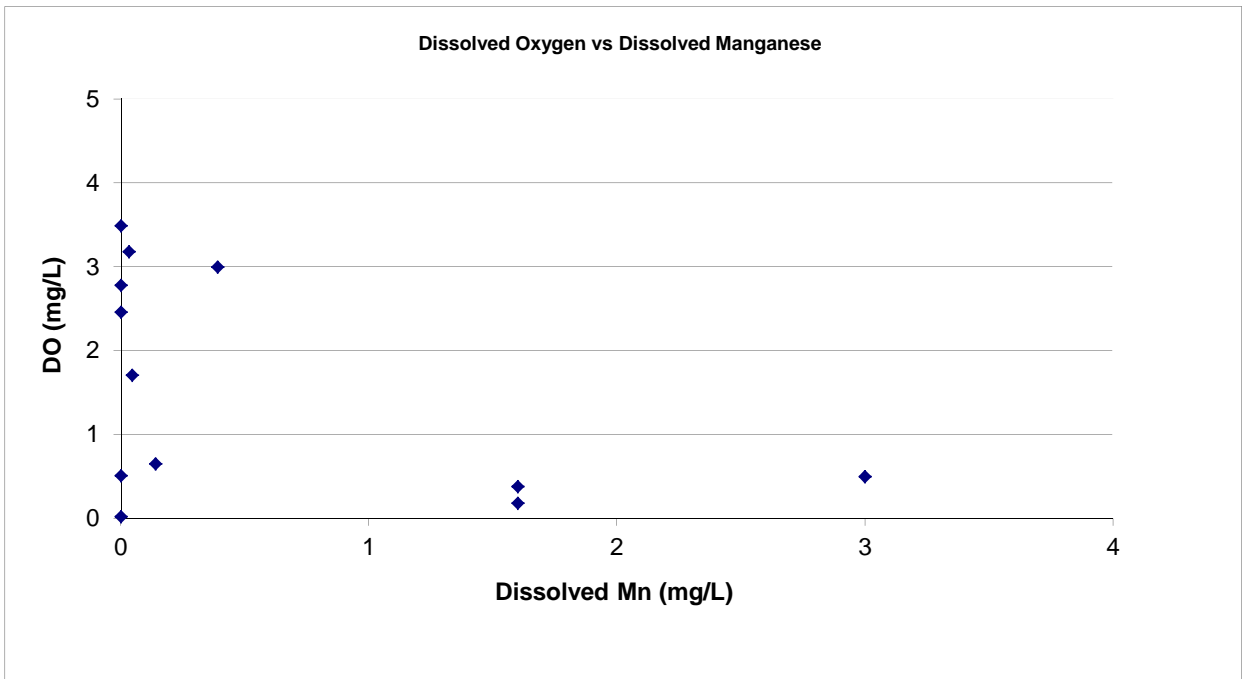
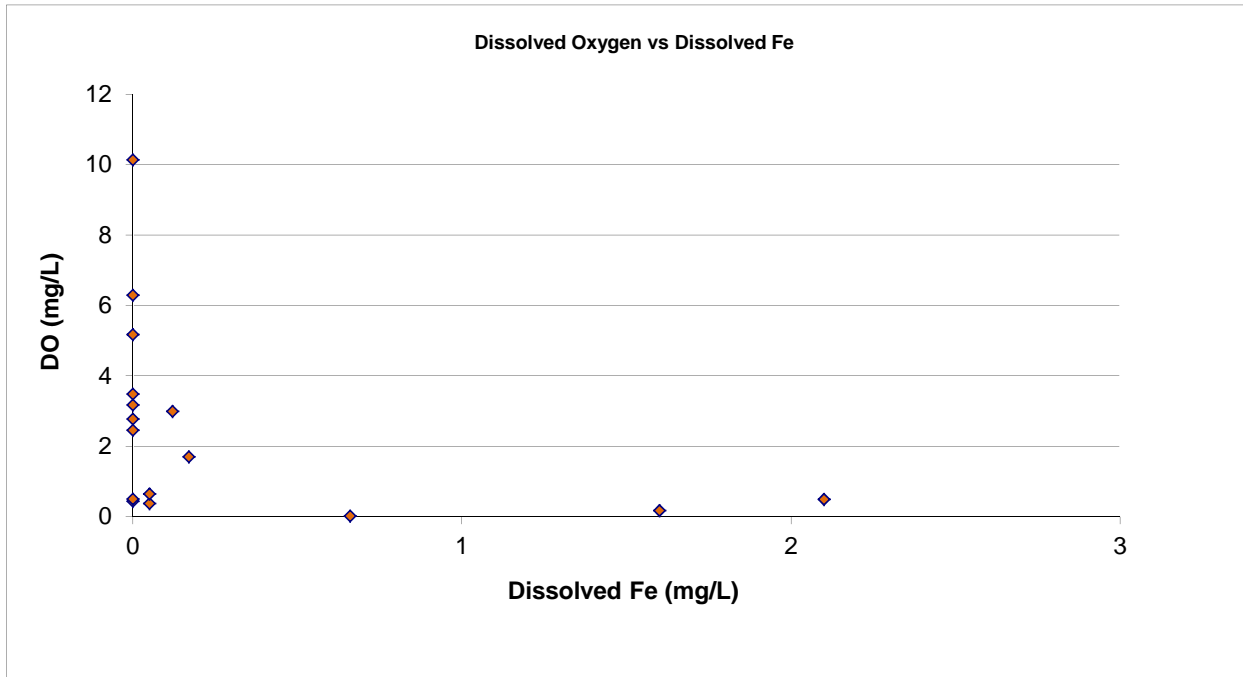


Figure 24 Dissolved Oxygen versus Dissolved Fe and Mn - March 2011

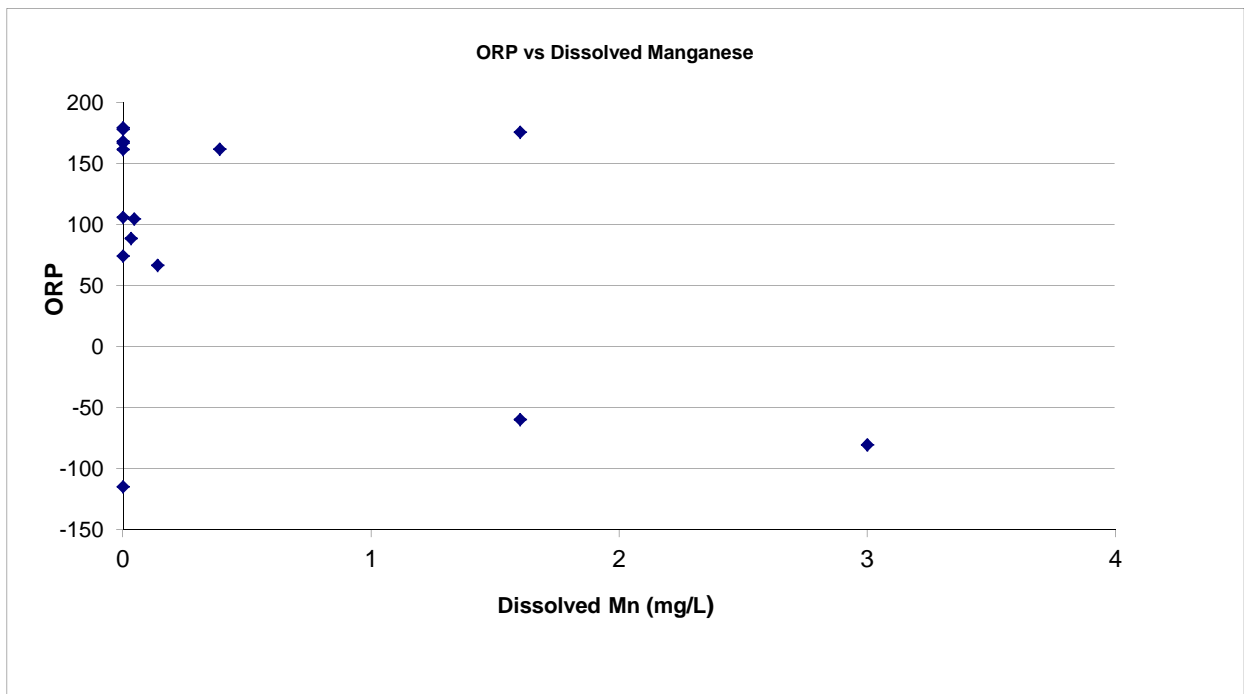
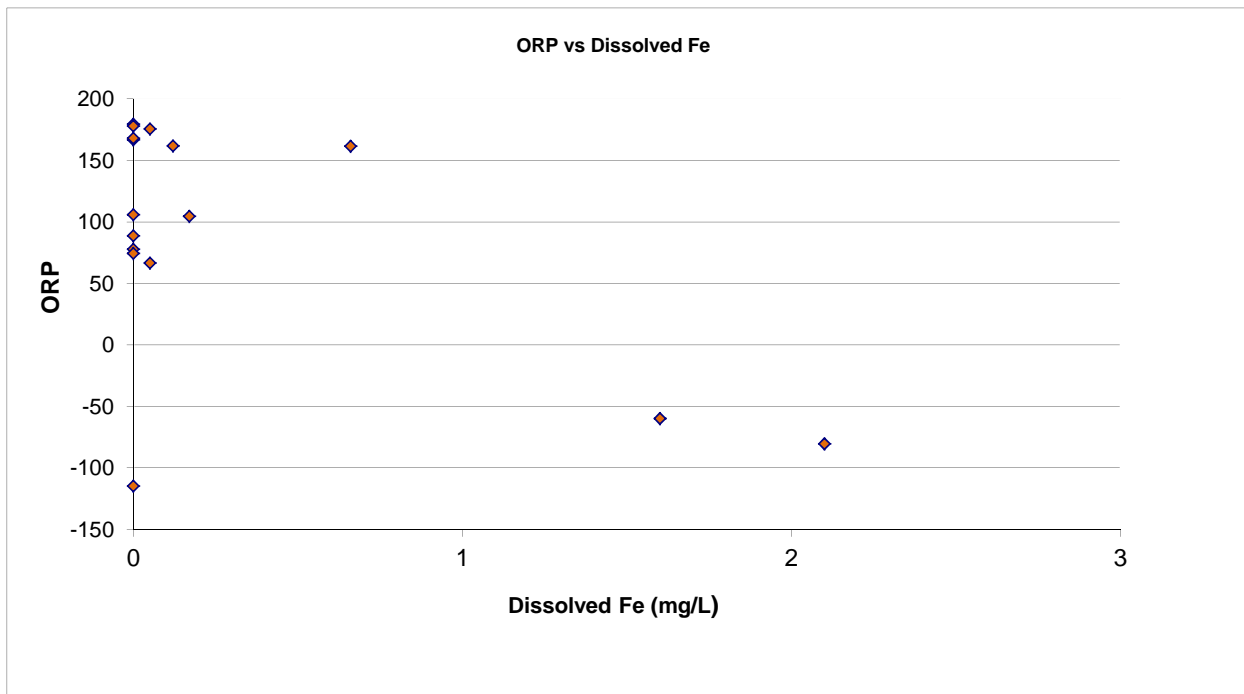


Figure 25 ORP versus Dissolved Iron and Manganese - March 2011

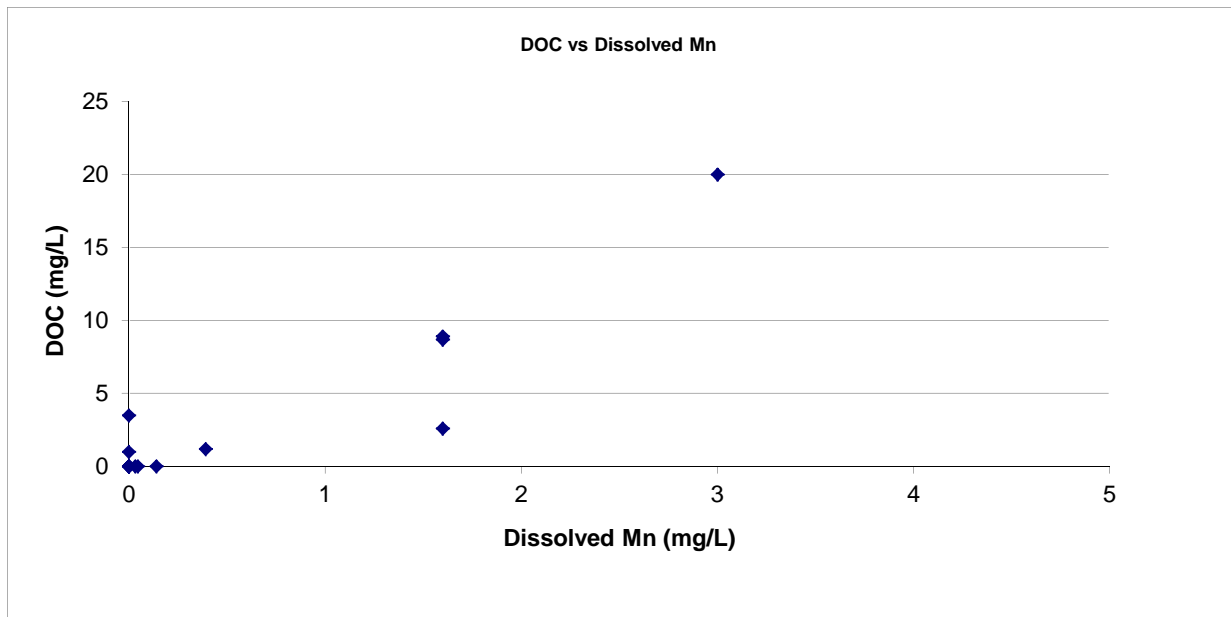
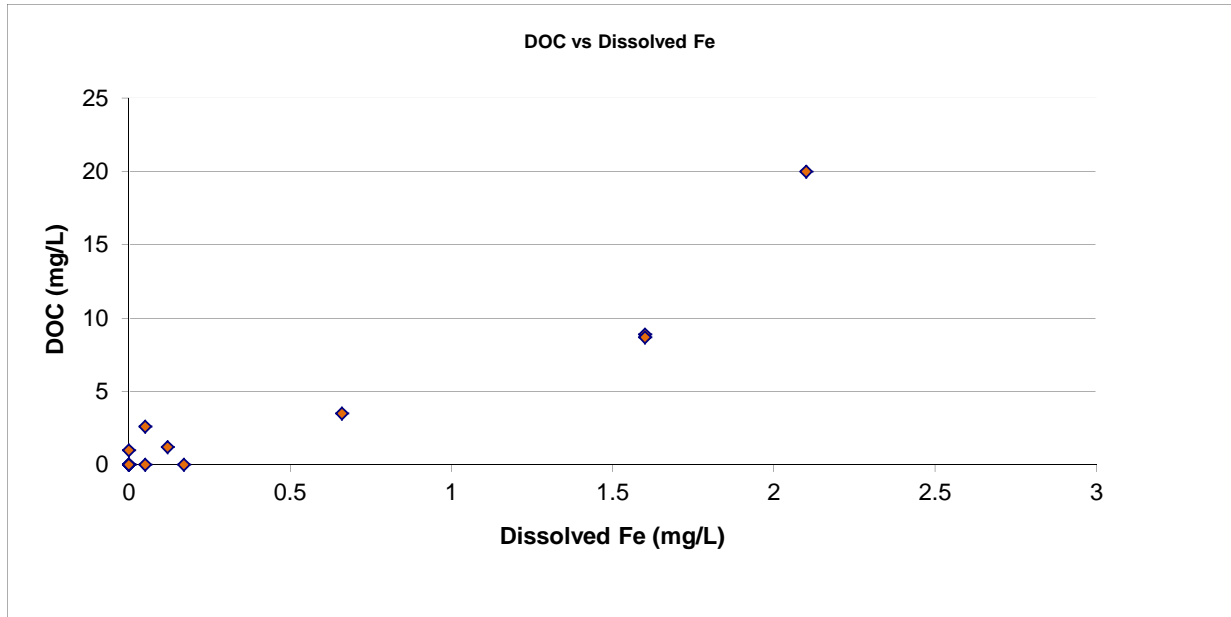


Figure 26 Dissolved Organic Carbon versus Dissolved Iron and Manganese - March 2011

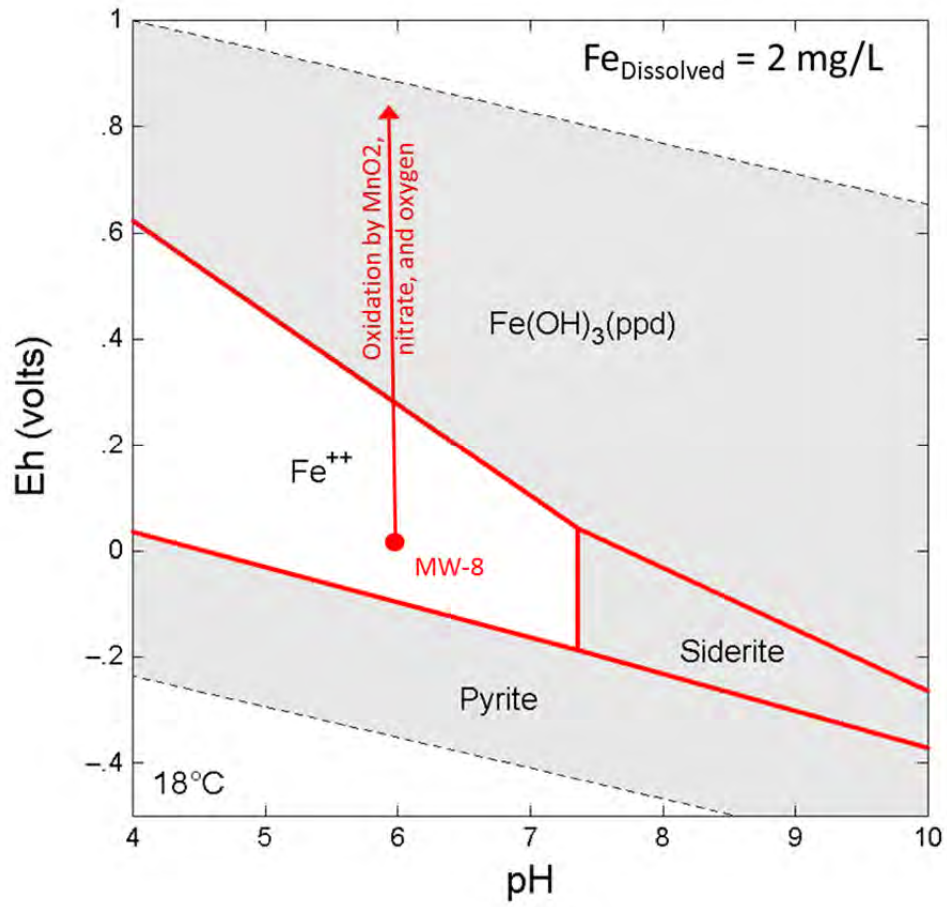


Figure 27a Eh-pH Diagram for Iron

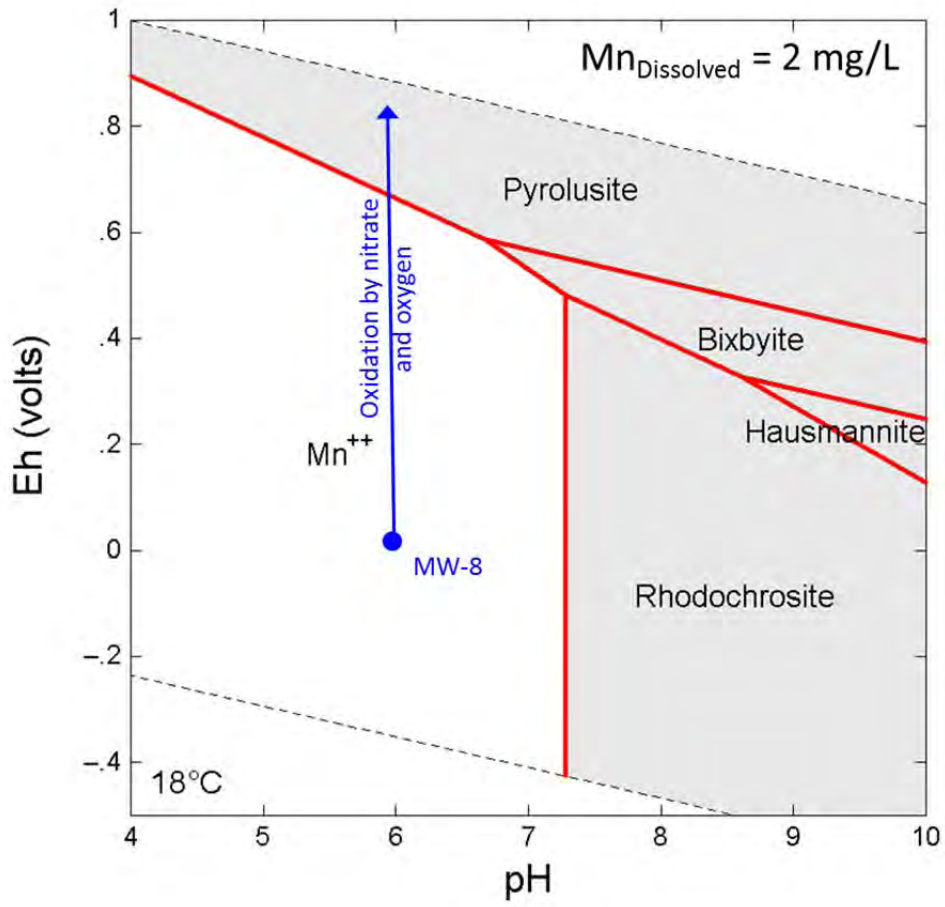


Figure 27b Eh-pH Diagram for Manganese

Terminal Electron-Accepting Process (TEAP)

Reducing ⇌ Eh ⇌ Oxidizing	$O_2 \Rightarrow H_2O$	Aerobic respiration
	$NO_3^- \Rightarrow N_2$	Denitrification
	$Mn^{(IV)}O_2 \Rightarrow Mn^{2+}$	Dissimilatory manganese reduction
	$Fe^{(III)}OOH \Rightarrow Fe^{2+}$	Dissimilatory iron reduction
	$SO_4^{2-} \Rightarrow H_2S$	Sulfate reduction
	$HCO_3^- \Rightarrow CH_4$	Methanogenesis

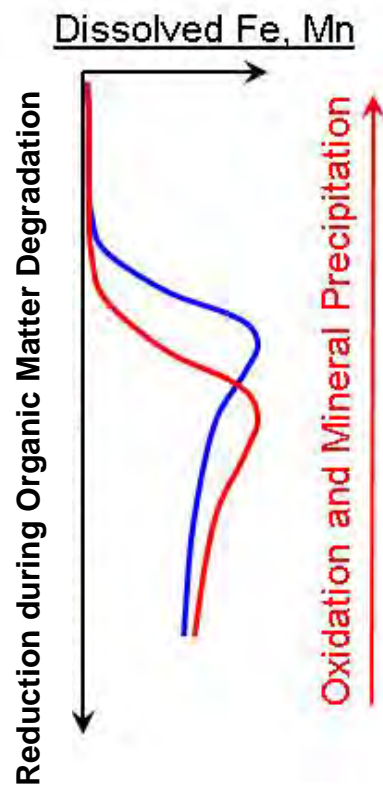


Figure 28 Redox Processes in Groundwater

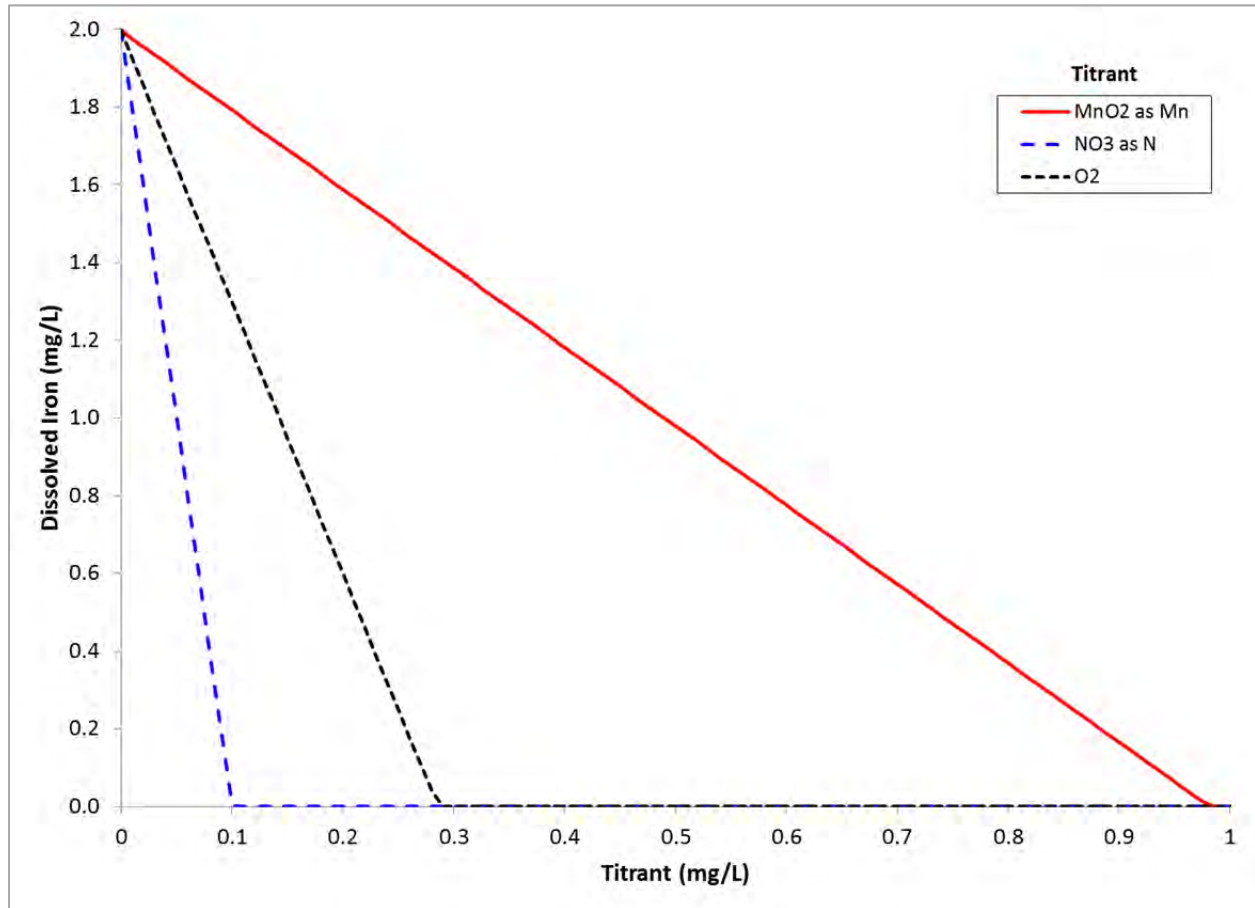


Figure 29a Dissolved Iron Concentrations in Groundwater During Reaction with MnO2 Minerals, Dissolved Nitrate, and Dissolved Oxygen

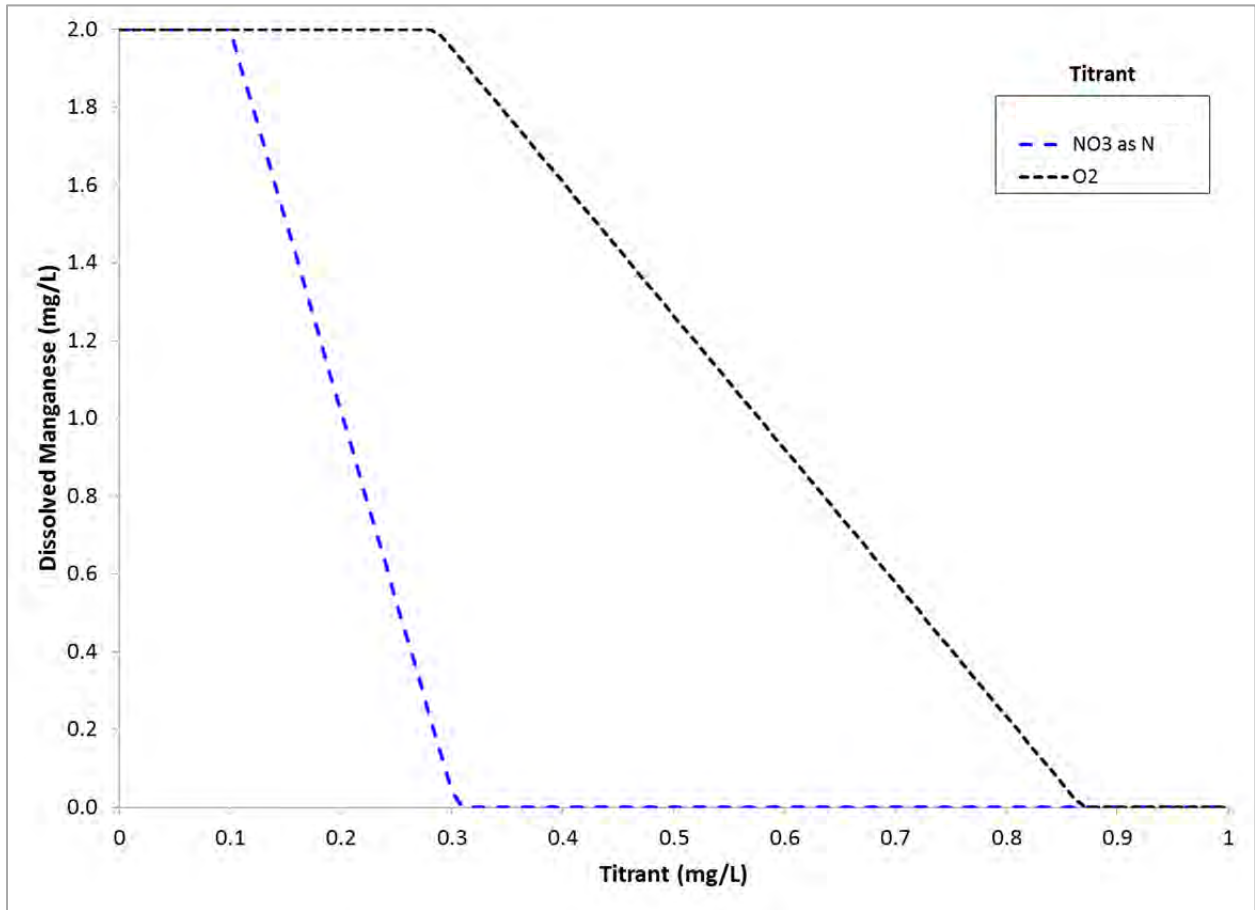


Figure 29b Dissolved Manganese Concentration in Groundwater during Reaction with Dissolved Nitrate and Dissolved Oxygen

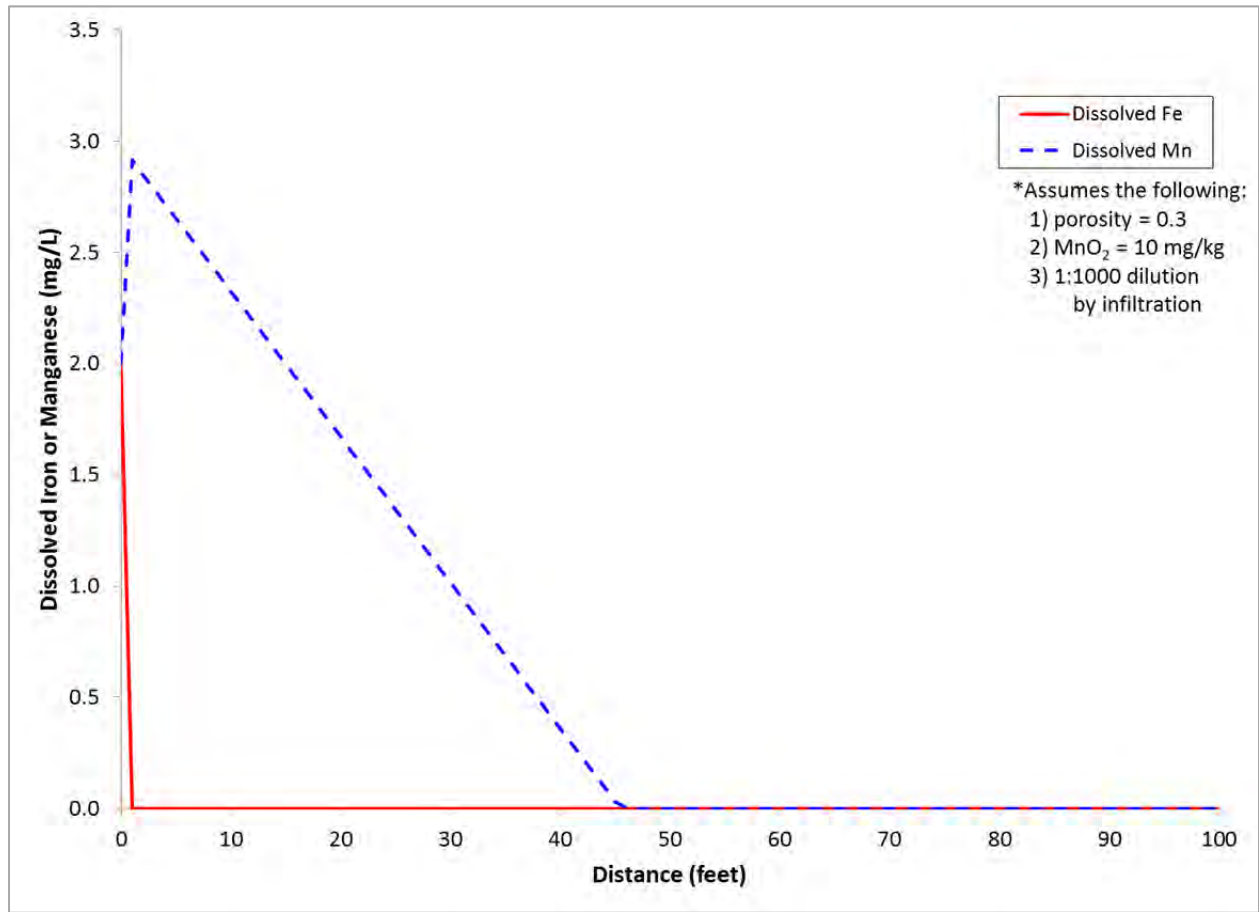


Figure 30 Predicted Lengths of Dissolved Iron and Manganese Plumes

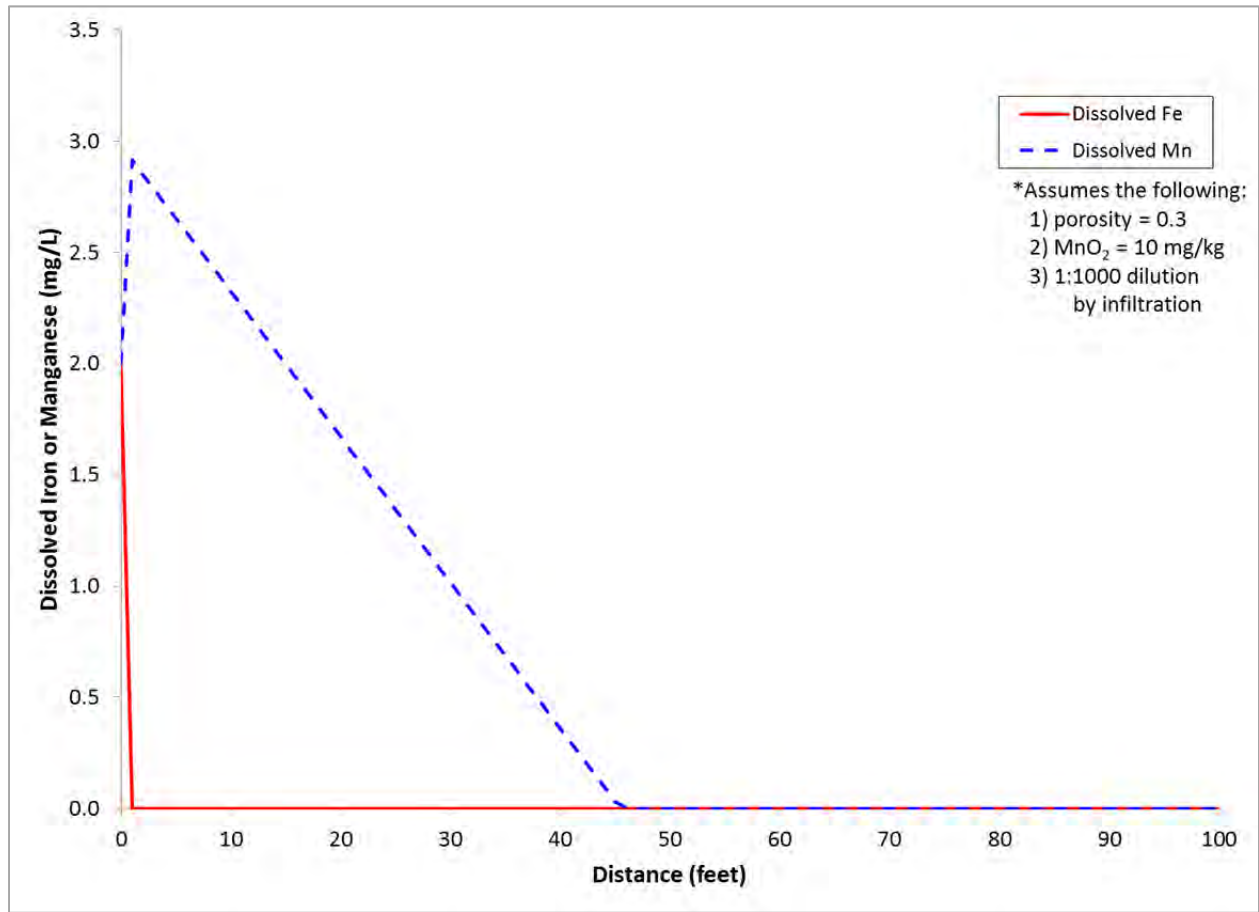


Figure 30 Predicted Lengths of Dissolved Iron and Manganese Plumes

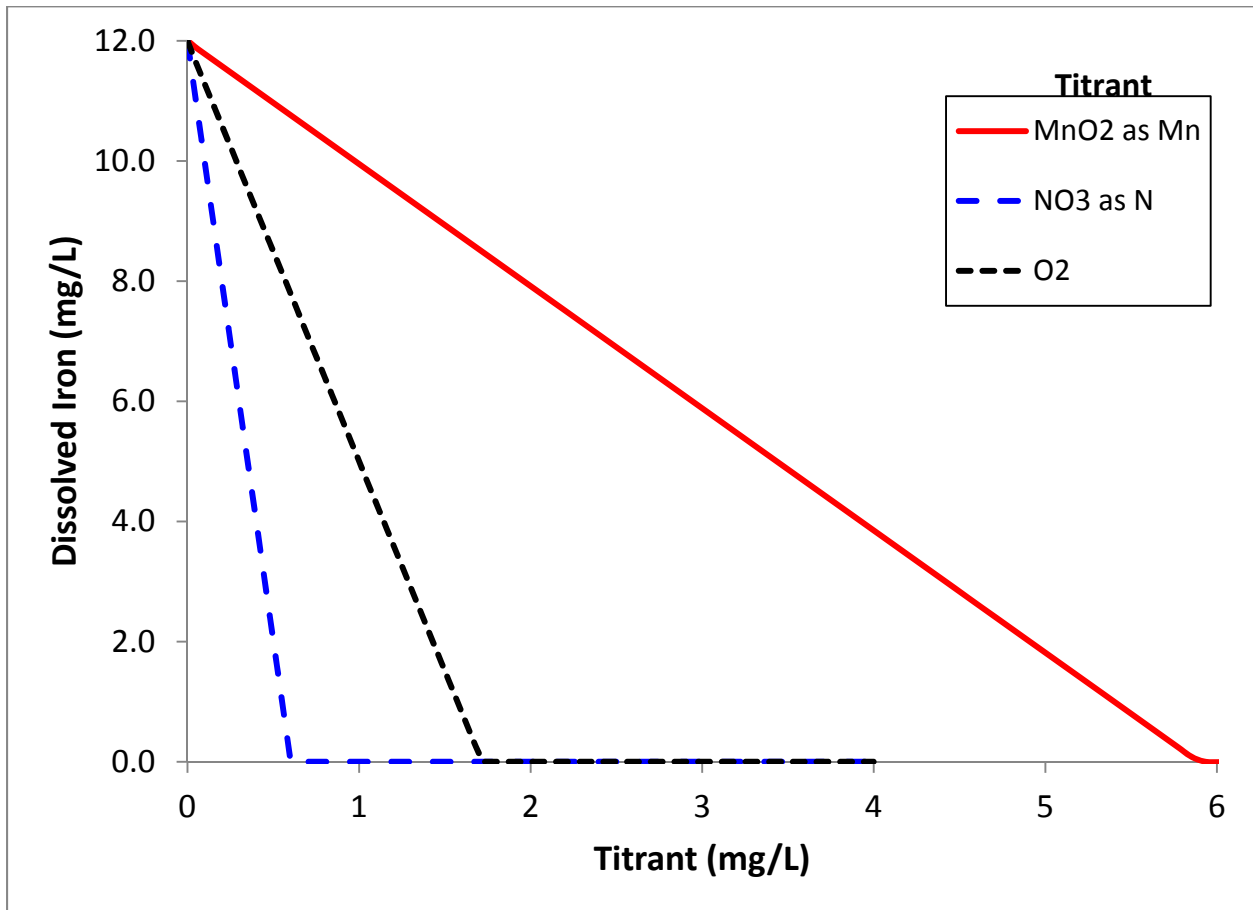


Figure 31a Dissolved Iron Concentrations in Groundwater During Reaction with MnO₂ Minerals, Dissolved Nitrate, and Dissolved Oxygen – at Hypothetical Initial Concentrations

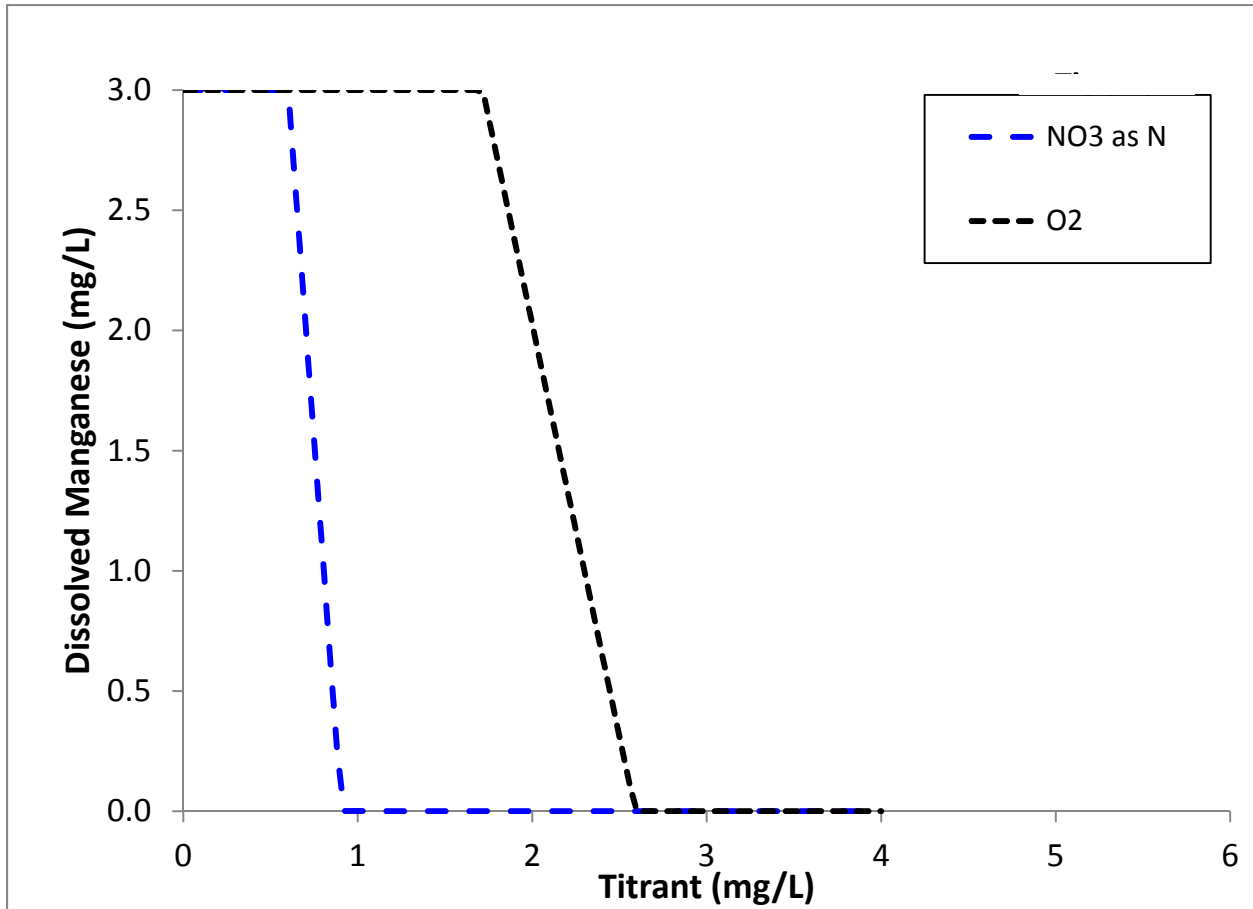


Figure 31b Dissolved Manganese Concentration in Groundwater during Reaction with Dissolved Nitrate and Dissolved Oxygen – at Hypothetical Initial Concentrations

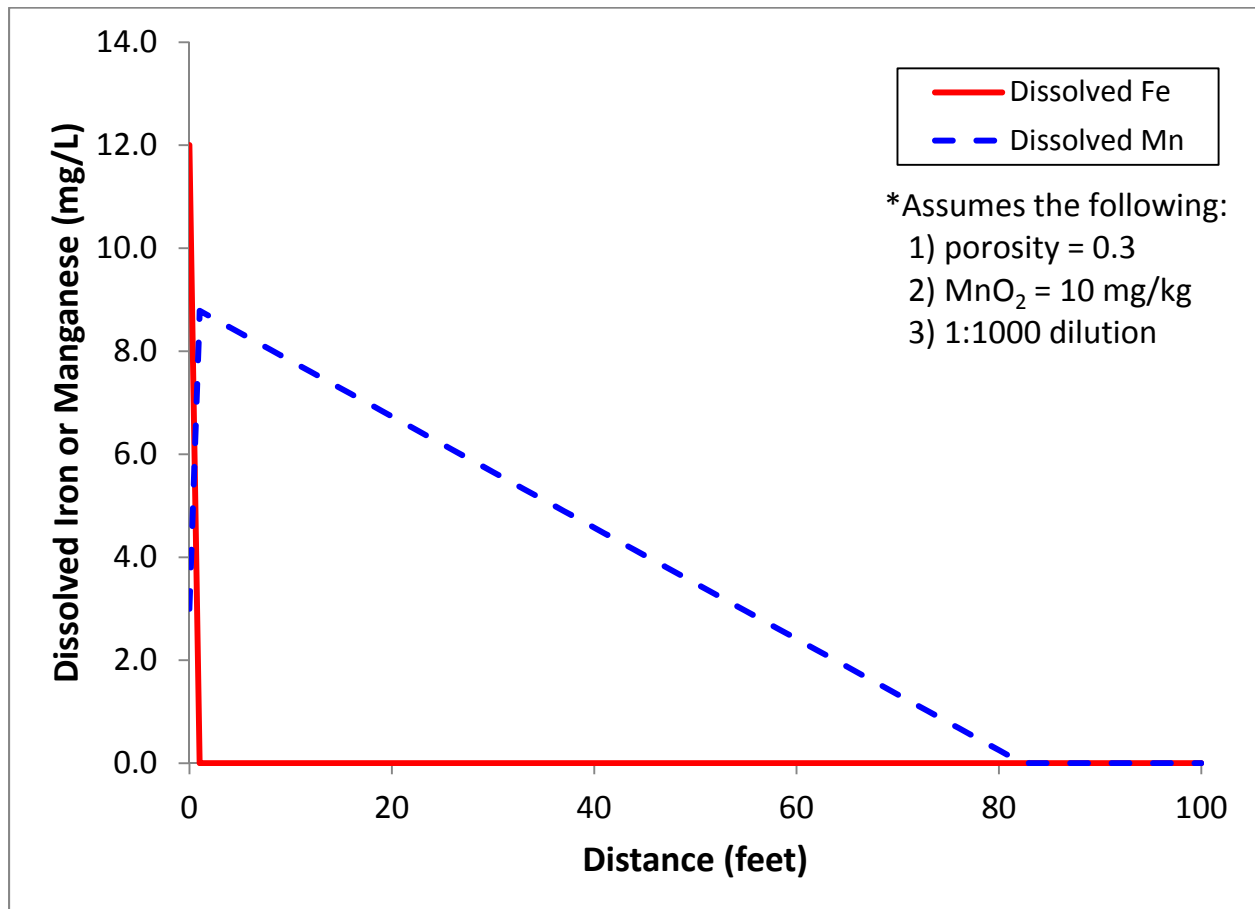


Figure 32 Predicted Lengths of Dissolved Iron and Manganese Plumes – at Hypothetical Initial Concentrations

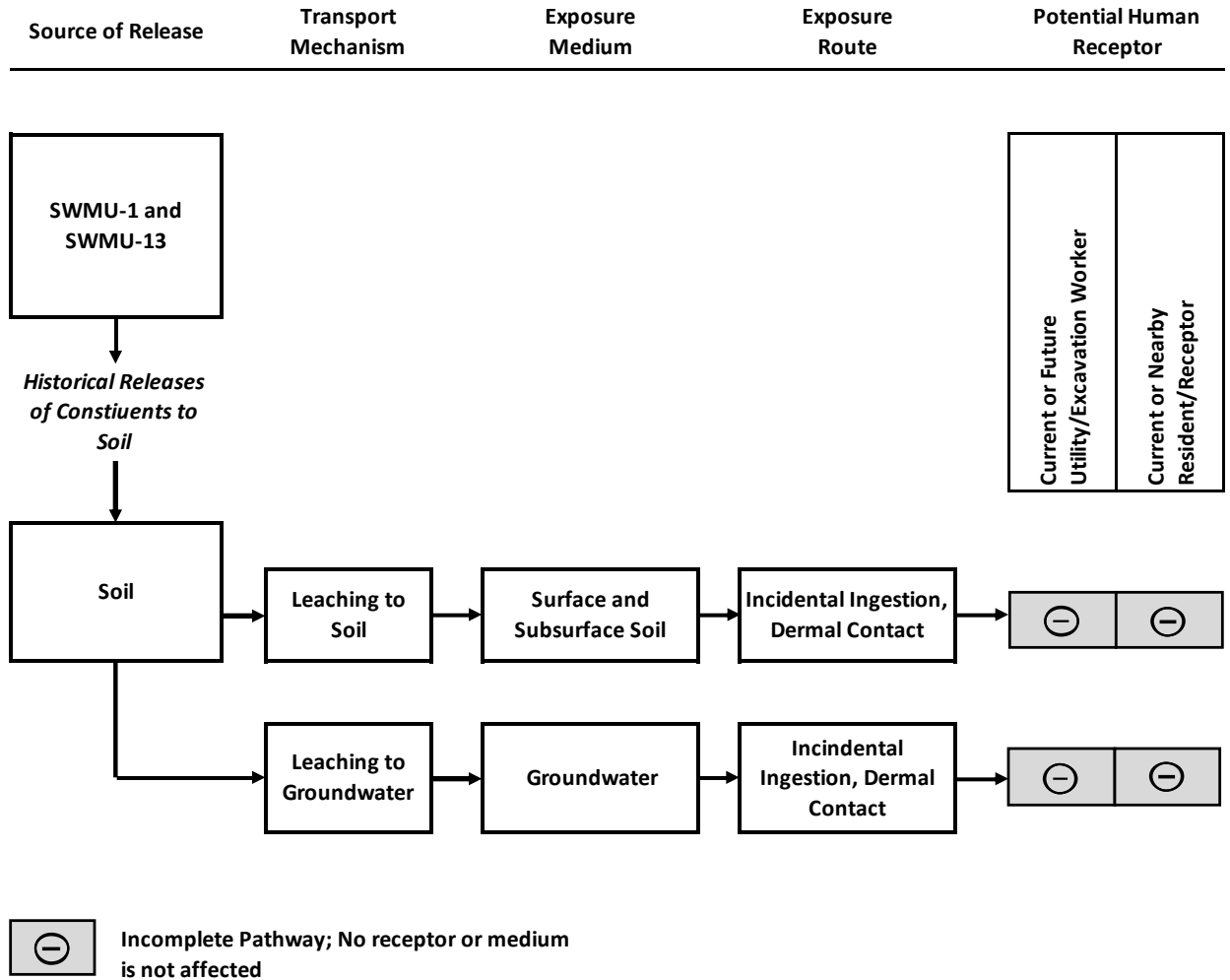


Figure 33 Human Health Conceptual Site Model

DRAFT

TABLES

Table 1**Properties Adjacent to Transco Station 150**

Parcel No.	Owner Name	Area (acres)	Parcel Description	Address	Current Use
1	Town of Mooresville	4.03	LANGTREE DOWDY OFF SR1104	413 North Main Street Mooresville, NC 28115	Undeveloped/vacant
2	Transco Property LLC	20.13	SR1104 TRANSCO RD NEW ROW	128 Lakefront Drive Mooresville, NC 28117	Retail Business
3	WCB Real Estate Investments LLC	52.66	DOWDY NEW ROW	1017 Front Avenue Columbus, GA 31901	Undeveloped/vacant
4	Langtree Dev Co LLC	96.80	TRANSCO RD PB76-68	5800 Monroe Street, Building F- 5, Sylvania, OH 43560	Undeveloped/vacant
5	Langtree Dev Co LLC	68.70	SR1104 OFF	5800 Monroe Street, Building F- 5, Sylvania, OH 43560	Undeveloped/vacant



Table 2

Summary of Monitoring Wells - SWMU-1 and SWMU-13

Well	Ground Surface Elevation*	Top of Outer Casing (feet, MSL)	Top of Inner Casing (feet, MSL)	Measuring Point Elevation (feet, MSL)	Screen Interval Top Depth (feet, bgs)	Screen Interval Bottom Depth (feet, bgs)	Screen Interval Top Elevation (feet,MSL)	Screen Interval Bottom Elevation (feet, MSL)
MW-1	802.27	804.32	803.71	803.71	16.5	20.6	785.8	781.7
MW-2	804.34	805.95	805.44	805.44	19.5	29.5	784.8	774.8
MW-3	805.50	807.38	806.94	806.94	23.5	33.5	782.0	772.0
MW-4	803.15	805.45	805.39	805.39	15	25	788.2	778.2
MW-4D	803.17	805.99	805.69	805.69	40.2	44.2	763.0	759.0
MW-5	803.32	806.32	806.10	806.10	15	25	788.3	778.3
MW-6	804.56	807.40	807.15	807.15	15	25	789.6	779.6
MW-7	804.45	806.69	806.73	806.69	20	30	784.5	774.5
MW-7D	804.47	805.93	805.70	805.70	38	48	766.5	756.5
MW-8	804.03	806.12	805.93	805.93	20.5	30.5	783.5	773.5
MW-9	805.30	807.92	807.30	807.30	19.7	29.7	785.6	775.6
MW-10	803.37	805.58	805.38	805.77	15.5	24.5	787.9	778.9
MW-11	806.01	808.24	808.06	808.06	15.5	24.5	790.5	781.5
MW-11D	806.00	808.54	808.26	808.26	40	44	766.0	762.0
MW-12*	804.86	806.66	807.04	807.04	76.6	80.9	728.3	724.0
MW-13	805.04	806.65	806.49	806.49	92	96.5	713.0	708.5
MW-14	808.70	811.39	810.46	810.46	23	38	785.7	770.7
MW-13-1	801.01	801.01	800.44	800.44	15	30	786.0	771.0
MW-13-2	802.66	802.66	802.06	802.06	15	30	787.7	772.7
MW-13-3	803.24	803.24	802.70	802.70	15	30	788.2	773.2
MW-13-3D	803.06	803.06	802.67	802.67	45	50	758.1	753.1
MW-13-4	803.10	803.10	802.38	802.38	15	30	788.1	773.1
MW-13-5	801.77	805.15	804.96	804.96	15	30	786.8	771.8
MW-13-6**	801.39	804.01 (801.40)	803.77 (801.06)	803.77	15	30	786.4	771.4
MW-13-7	800.10	800.13	799.84	799.84	15	30	785.1	770.1

* Reference measuring point for well MW-12 is the top of the 1st PVC coupling above the outer casing.

**Well MW-13-6 was modified to a flush mount well head in 2021; the new TOC is listed in parentheses

Monitoring wells re-surveyed on December 19, 2002. Reference elevations are based on NAVD 88 Vertical Datum.

Survey updated on January 29, 2015, to include MW-13-5 and MW-13-6 well installations.

Survey updated on July 29, 2015 to include MW-14 and MW-13-7 well installations.

bgs - below ground surface

Other Metals Exceeding North Carolina Groundwater Quality Standards

Well ID	Sample Date	Parameter	Value	Units	Flag Code	Detection Limit	NC Ground Water Quality Standard (mg/L)
MW-7	12/12/1989	Arsenic	0.013	mg/l	v	0.002	0.01
MW-9	12/12/1989	Arsenic	0.011	mg/l	v	0.002	0.01
MW-7	12/15/1999	Barium	0.745	mg/l	v	0.01	0.7
MW-7	12/13/2005	Barium	0.746 J	mg/l	j		0.7
MW-2	9/6/1989	Cadmium	0.009	mg/l	v	0.004	0.002
MW-2	9/12/1990	Cadmium	0.010	mg/l	v	0.004	0.002
MW-3	11/21/1988	Cadmium	0.006	mg/L	v	0.005	0.002
MW-6	11/5/1992	Cadmium	5.50	ug/l	v	5	0.002
MW-7	6/6/2000	Cadmium	0.15	mg/l	v	0.01	0.002
MW-8	12/12/1989	Cadmium	0.006	mg/l	v	0.005	0.002
MW-1	11/5/1992	Chromium	17.8	ug/l	v	10	0.01
MW-10	1/21/1992	Chromium	0.08	mg/l	v	0.01	0.01
MW-10	6/8/1992	Chromium	0.11	mg/l	v		0.01
MW-10	11/5/1992	Chromium	41.00	ug/l	v	10	0.01
MW-11	1/21/1992	Chromium	0.07	mg/l	v	0.01	0.01
MW-11	6/8/1992	Chromium	0.08	mg/l	v		0.01
MW-11	11/4/1992	Chromium	41.10	ug/l	v	10	0.01
MW-11D	11/5/1992	Chromium	37.00	ug/l	v	10	0.01
MW-12	11/6/1992	Chromium	15.10	ug/l	v	10	0.01
MW-13	12/9/1997	Chromium	19.30	ug/l	v	10	0.01
MW-13-2	12/11/2001	Chromium	0.017	mg/l			0.01
MW-13-2	6/12/2013	Chromium	0.012	mg/l	j		0.01
MW-2	3/13/1990	Chromium	0.14	mg/l	v	0.01	0.01
MW-2	9/12/1990	Chromium	0.036	mg/l	v	0.007	0.01
MW-2	12/1/2004	Chromium	0.014	mg/l			0.01
MW-5	3/13/1990	Chromium	0.054	mg/l	v	0.01	0.01
MW-5	6/12/1990	Chromium	0.028	mg/l	v	0.007	0.01
MW-5	9/12/1990	Chromium	0.034	mg/l	v	0.007	0.01
MW-5	1/20/1992	Chromium	0.060	mg/l	v	0.01	0.01
MW-5	6/8/1992	Chromium	0.050	mg/l	v		0.01
MW-7	9/6/1989	Chromium	0.014	mg/l	v	0.007	0.01
MW-7	3/13/1990	Chromium	0.021	mg/l	v	0.01	0.01
MW-7	6/12/1990	Chromium	0.016	mg/l	v	0.007	0.01
MW-7	1/20/1992	Chromium	0.010	mg/l	v	0.01	0.01
MW-7	6/6/2000	Chromium	0.039	mg/l	v	0.01	0.01
MW-7	12/14/2000	Chromium	0.013	ppm			0.01
MW-7	12/13/2002	Chromium	0.031	mg/l			0.01
MW-7	12/13/2002	Chromium	0.060	mg/l			0.01
MW-7	6/14/2005	Chromium	0.0107 J	mg/l	j		0.01
MW-7	12/4/2007	Chromium	0.0107 J	mg/l	j		0.01
MW-7	6/3/2008	Chromium	0.011	mg/l			0.01
MW-8	3/13/1990	Chromium	0.012	mg/l	v	0.01	0.01
MW-8	9/5/1991	Chromium	0.030	mg/l	v		0.01
MW-8	1/20/1992	Chromium	0.040	mg/l	v	0.01	0.01
MW-9	12/12/1989	Chromium	0.023	mg/l	v	0.01	0.01
MW-9	3/13/1990	Chromium	0.010	mg/l	v	0.01	0.01
MW-9	6/12/1990	Chromium	0.092	mg/l	v	0.007	0.01
MW-9	9/12/1990	Chromium	0.057	mg/l	v	0.007	0.01
MW-9	1/20/1992	Chromium	0.060	mg/l	v	0.01	0.01
MW-9	6/8/1992	Chromium	0.080	mg/l	v		0.01
MW-9	12/10/2001	Chromium	0.017	mg/l			0.01
MW-9	12/13/2002	Chromium	0.021	mg/l			0.01
MW-2	3/13/1990	Lead	0.016	mg/l	v	0.003	0.015
MW-5	6/12/1990	Lead	0.020	mg/l	v	0.003	0.015
MW-7	12/10/1998	Lead	28.10	ug/l	v	3	0.015
MW-7	6/10/1999	Lead	21.60	ug/l	jv	3	0.015



Other Metals Exceeding North Carolina Groundwater Quality Standards

Well ID	Sample Date	Parameter	Value	Units	Flag Code	Detection Limit	NC Ground Water Quality Standard (mg/L)
MW-7	12/15/1999	Lead	0.067	mg/l	jv	0.01	0.015
MW-7	6/6/2000	Lead	0.4780	mg/l	v	0.01	0.015
MW-7	12/14/2000	Lead	0.042	ppm			0.015
MW-7	6/19/2002	Lead	0.0315	mg/l			0.015
MW-7	6/19/2002	Lead	0.0443	mg/l			0.015
MW-7	12/13/2002	Lead	0.0151	mg/l			0.015
MW-7	12/13/2002	Lead	0.0183	mg/l			0.015
MW-7	6/14/2005	Lead	0.0193 J	mg/l	j		0.015
MW-7	12/13/2005	Lead	0.0204 J	mg/l	j		0.015
MW-7	12/4/2007	Lead	0.0243 J	mg/l	j		0.015
MW-8	3/13/1990	Lead	0.021	mg/l	v	0.003	0.015

j - estimated value

v - surrogate recovery is not within method control limits

Appendix A

Site Plan Map and Land Use Restriction Document

GROUNDWATER AOC MAP

PURPOSE

- Provide general information and guidance for Transco personnel in regard to ongoing operational, maintenance and construction activities
- Indicate areas in which use restrictions are in place.
 - Potential exposure is minimized
 - Generated waste may require special handling and/or disposal - Call Contact(s)

SUMMARY







- **RESTRICTED - Call contact(s) before disturbance**

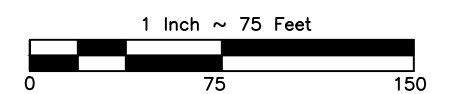
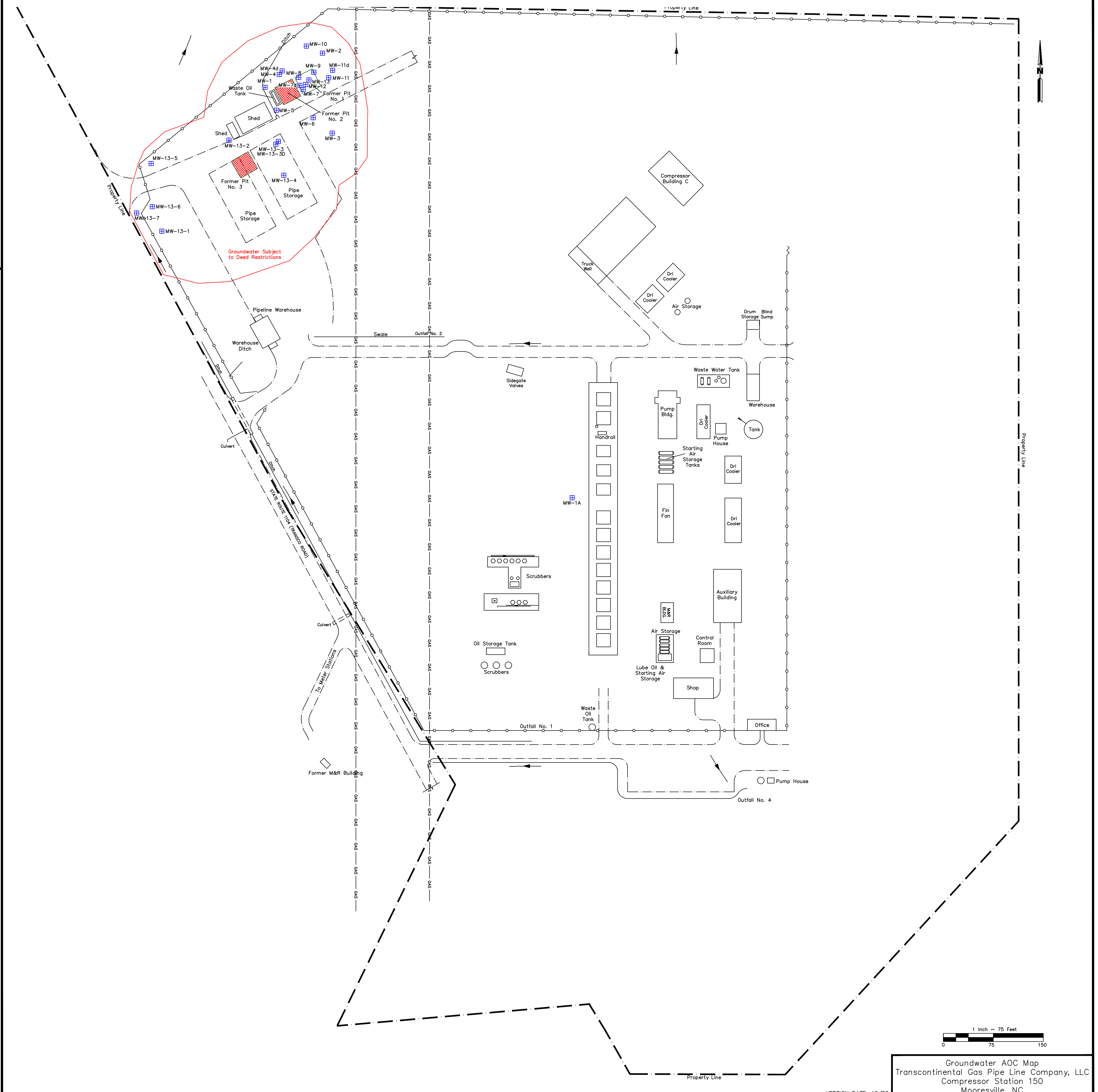
CONTACTS

Mike Maben
(Cell) 609-865-1929
mike.c.maben@williams.com

or: Bill Scarpinato
(Cell) 434-906-8525
william.scarpinato@williams.com

Legend

	RESTRICTED - Call Contact(s) Before Disturbance
	Monitoring Well
	Surface Water Drainage Flow Direction
	Road
	Fence
	Approximate Boundary of Pipeline Right-of-Way



Groundwater AOC Map
Transcontinental Gas Pipe Line Company, LLC
Compressor Station 150
Mooresville, NC

VERSION DATE: 12/22

Prepared by Womble Bond Dickinson (US) LLP (JCC)

STATE OF NORTH CAROLINA

**NOTICE OF MODIFICATION OF LAND
USE RESTRICTIONS**

IREDELL COUNTY

Property Owner: Transcontinental Gas Pipe Line Company, LLC

Property Address: SR 1104, Mooresville, North Carolina

Parcel Identification Numbers (PIN#): 4645-62-2082
4645-61-9445
4645-70-3722

This documentary component of the Notice of Modification of Land Use Restrictions (this "Notice of Modification") is hereby made this 27th day of June, 2022, by Transcontinental Gas Pipe Line Company, LLC, a Delaware limited liability company ("Property Owner"). The property hereinabove referenced (the "Property") is described more particularly in (i) that certain Declaration of Perpetual Land Use Restrictions (the "2016 Land Use Restrictions") filed in the land records of Iredell County Register of Deeds (the "Registry") on October 25, 2016, in Book 2453, Page 1367, a copy of which is attached here to as **Exhibit A** and incorporated herein by reference, and (ii) that certain survey plat (the "2016 Plat") filed in the Registry on October 25, 2016, in Plat Book 65, Page 104, a copy of which is attached hereto as **Exhibit B** and incorporated herein by reference.

Submitted electronically by "Womble Bond Dickinson (US) LLP"
in compliance with North Carolina statutes governing recordable documents
and the terms of the submitter agreement with the Iredell County Register of Deeds.

The 2016 Land Use Restrictions imposed certain restrictions on the use of the Property as approved by the Secretary of the North Carolina Department of Environmental Quality, Division of Waste Management, Hazardous Waste Section (“DEQ”), as authorized by N.C.G.S. § 143B-279.9.

The Property Owner has requested, and DEQ has agreed to Cancel the requirement to submit analytical results characterizing water supply use for purposes of human consumption as set out in paragraph thirteen (13) of the 2016 Land Use Restrictions.

Pursuant to N.C.G.S. § 143B-279.9 DEQ hereby acknowledges that the requirements set out in paragraph thirteen (13) of the 2016 Land Use Restrictions are hereby CANCELLED. The risk to public health and the environment associated with contamination on the Property is adequately addressed by the remaining provisions of the 2016 Land Use Restrictions. THIS NOTICE OF MODIFICATION AND THE ACTIONS CONTEMPLATED HEREBY ONLY APPLY TO PARAGRAPH THIRTEEN (13) OF THE 2016 LAND USE RESTRICTIONS. THE REMAINING LAND USE RESTRICTIONS AND THE 2016 PLAT REMAIN IN FULL FORCE AND EFFECT AS OF THE DATE HEREOF.

[Signature pages follow]

PROPERTY OWNER SIGNATURE

IN WITNESS WHEREOF, Property Owner has caused this instrument to be duly executed this the 6th day of June, 2022.

**Transcontinental Gas Pipe Line Company, LLC
a Delaware limited liability company**

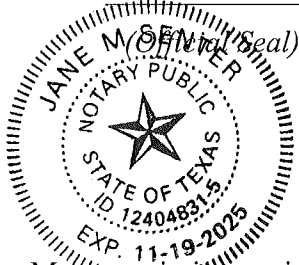
By: Glen Jasek
Name: Glen Jasek

Title: Vice President and General Manager, Eastern Interstates

STATE OF TEXAS
COUNTY OF Harris

I certify that the following person personally appeared before me this day, acknowledging to me that he or she voluntarily signed the foregoing document for the purposes stated therein and in the capacity indicated: Glen Jasek

Date: 6.14.22



Jane M Senter
Notary Public

Jane M Senter
Printed Name of Notary

My commission expires: 11.19.25

[OFFICIAL SEAL MUST BE FULLY LEGIBLE]

APPROVAL AND CERTIFICATION

The foregoing Notice of Modification of Land Restrictions is hereby approved and certified.

Name: Michael E. Scott

Date: 6/27/22

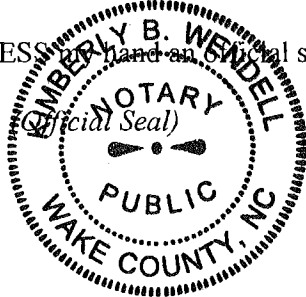
Title: Michael Scott, Director
Division of Waste Management
North Carolina Department of Environmental Quality

STATE OF NORTH CAROLINA

COUNTY OF Wake

I, a Notary Public of the county and state aforesaid, certify that Michael E. Scott personally came before me this day and acknowledged that he/she is the Hazardous Waste Section Chief, Division of Waste Management, Department of Environmental Quality, and that by authority duly given and as the act of said Department, the foregoing Notice of Modification of Land Restrictions was signed in its name by him/her.

WITNESS my hand and official seal this the 27th day of June, 2022.



Kimberly B. Wendell
Notary Public

Kimberly B. Wendell
Printed Name of Notary

My commission expires: March 19, 2027

[OFFICIAL SEAL MUST BE FULLY LEGIBLE]

Exhibit A

2016 Land Use Restrictions

[See attached.]

DECLARATION OF PERPETUAL LAND USE RESTRICTIONS

For Property Owned By: Transcontinental Gas Pipe Line Co., LLC

**Transcontinental Gas Pipe Line Co., LLC
Compressor Station 150 (Transco Station 150)
Mooresville, Iredell County, North Carolina**

The real property which is the subject of this Declaration of Perpetual Land Use Restrictions ("Declaration") is contaminated with hazardous waste or hazardous constituents and is a Contaminated Site for Hazardous Waste or Solid Waste Management Unit Disposal Site. The real property which is the subject of this Declaration shall hereinafter be referred to as the "Site." "Area A," "Area B," and "Area C" shall herein be defined as portions of the Site.

This Declaration is part of an agreement that has been approved by the Secretary of the North Carolina Department of Environmental Quality, Division of Waste Management, Hazardous Waste Section, as authorized by N.C.G.S. § 143B-279.9. The North Carolina Department of Environmental Quality shall hereinafter be referred to as "DEQ." Hereafter, the Division of Waste Management, Hazardous Waste Section shall be referred to as "Hazardous Waste Section."

Transcontinental Gas Pipe Line Co., LLC (Transco), headquartered in Houston, Texas, is a limited liability company organized under the laws of the State of Delaware. Transco is the owner in fee simple of the Site subject to land use restrictions. Transco's Compressor Station 150 (the "Facility") is located at 236 Transco Road in the City of Mooresville, County of Iredell, State of North Carolina, and consists of four tracts, legally described in the Office of the Register of Deeds for Iredell County as follows:

Tract No.	Deed Book No.	Page No.	Size (acres)
1	208	321	24.897
2	467	313	9.49
3	917	1209	3.07
4	1127	1321	1.406

R.O.T.C.

Page Count: 8
MS PQ P

While four tracts comprise the Facility, only Tract Nos. 1 and 3 are impacted by environmental contaminants, so, for the purposes of this Declaration of Perpetual Land Use Restrictions, the "Site" is defined to consist of only Tract Nos. 1 and 3.

The Site is also shown on a Notice of Contaminated Site for Hazardous Waste or Solid Waste Management Unit Disposal Site in the form of a survey plat, hereinafter referred to as the "Survey Plat", which has been recorded immediately prior to the recordation of this Declaration in Map Book 65 Page 104 in the Office of the Register of Deeds for Iredell County. A copy of the Survey Plat showing the Site along with Area A, Area B, and Area C, is included as Exhibit A to this Declaration. Note that Areas A, B, and C encompass only portions of Tract Nos. 1 and 3.

For the purpose of protecting public health and the environment, Transco hereby declares that Area A, Area B, and Area C shall be held, sold and conveyed subject to the following perpetual land use restrictions, which shall run with the land; shall be binding on all parties having any right, title or interest-in the Site or any part thereof, their heirs, successors and assigns; and shall, as provided in N.C.G.S. § 143B-279.9, be enforceable without regard to lack of privity of estate or contract, lack of benefit to particular land, or lack of any property interest in particular land. These restrictions shall continue in perpetuity and cannot be amended or canceled unless and until the Iredell County Register of Deeds receives and records the written concurrence of the Secretary of DEQ (or its successor in function), or his/her delegate. If any provision of this Declaration is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

PERPETUAL LAND USE RESTRICTIONS

The following restrictions shall apply to Areas A and B (shown on the Survey Plat contained in Exhibit A):

1. Areas A and B shall be used exclusively for commercial or industrial purposes but shall not be used for child care centers, nursing homes, schools, parks, recreational areas, or athletic fields.
2. Areas A and B shall not be used for any commercial or industrial purposes that could cause or allow human exposure to constituents of concern unless approved in writing in advance by the Hazardous Waste Section or its successor in function.
3. With the exception of groundwater obtained for purposes of environmental monitoring, any use of groundwater located at or under Areas A and B is prohibited. This includes the use of groundwater for drinking, bathing, irrigation, industrial processes, or any other purpose which would cause groundwater to come into contact, either directly or indirectly, with people, animals, surface vegetation, or the atmosphere.
4. No below-ground construction or improvements (including, but not limited to, utilities, roads, and sidewalks) may be installed at or under Areas A or B unless approved in writing in advance by the Hazardous Waste Section or its successor in function.
5. No alteration or disturbance of the existing soil, landscape and contours shall occur at or under Areas A and B other than (a) erosion control measures approved in writing by the Hazardous Waste Section or its successor in function, and/or (b) the alteration or disturbance of existing soil, landscape and contours caused by nature

and/or an act of God.

6. No surface or subsurface native or fill earthen materials may be removed from Areas A or B without prior written approval by the Hazardous Waste Section or its successor in function.
7. Activities necessary to investigate or remediate constituents of concern identified within Areas A and B; maintain the security of the Site; and prevent human exposure to impacted media are permitted. Furthermore, Area B may be used to stockpile and store above ground equipment, as required by the Facility. It is the responsibility of the Facility to ensure that equipment storage does not damage or destroy any wells used to monitor groundwater quality.
8. No person involved in determining compliance with applicable land use restrictions at Areas A and B may be denied access for the purpose of conducting such activities with reasonable notice to the owner or owners of any portion of the Site.

To further protect human health and the environment, a buffer zone, designated as Area C, has been defined. Area C is defined as a 100-foot buffer surrounding Areas A and B. Area C is shown on the Survey Plat (Exhibit A). The following restrictions and requirements shall apply to Area C:

9. The installation of groundwater wells or other devices for access to groundwater for purposes of human consumption is prohibited. This includes the use of groundwater for drinking, bathing, irrigation, industrial processes, or any other purpose which would cause groundwater to come into contact, either directly or indirectly, with people, animals, surface vegetation, or the atmosphere.
10. All existing and future water supply wells at the Facility and outside of Area C that can be used for purposes of human consumption must be sampled on an annual basis to ensure adequate drinking water quality. Samples must be analyzed for iron, manganese, and pH using a North Carolina Drinking Water Certified Laboratory. Analytical results must be submitted as part of the annual certification of continued compliance with land use restrictions (see Annual Certification).
11. No person involved in determining compliance with applicable land use restrictions at Area C may be denied access for the purpose of conducting such activities with reasonable notice to the owner or owners of any portion of the Site.

ANNUAL CERTIFICATIONS

12. Each owner of any portion of the Areas subject to the land use restrictions (Area A, Area B, and/or Area C) shall submit a letter report, containing the notarized signature of the owner, in January of each year on or before January 31st, to the Hazardous Waste Section, or its successor in function, confirming that this Declaration is still recorded in the Office of the Iredell County Register of Deeds, that activities and conditions at the Facility remain in compliance with the land use restrictions herein, and that the property has not been subdivided since the last letter report submitted to the Hazardous Waste Section.
13. Analytical results characterizing water supply wells used for purposes of human consumption must be submitted as part of the annual certification of continued compliance with land use restrictions.

14. Each owner of any portion of the Areas subject to the land use restrictions (Area A, Area B, and/or Area C) shall cause the instrument of any sale, lease, grant, or other transfer of any interest in the property to include a provision expressly requiring the lessee, grantee, or transferee to comply with this Declaration. The failure to include such provision shall not affect the validity or applicability of any land use restriction in this Declaration.

REPRESENTATIONS AND WARRANTIES

The owner of the Site hereby represents and warrants to the other signatories hereto:

- that the owner of the Site is the sole owner;
- that the owner of the Site holds fee simple title to the property free, clear and unencumbered;
- that the owner of the Site has the power and authority to enter into this Declaration, to grant the rights and interests herein provided and to carry out all obligations hereunder;
- that the owner of the Site has provided to the Hazardous Waste Section the names of all other persons that own an interest in or hold an encumbrance on the property and has notified such persons of the owner's intention to enter into this Declaration;
- that this Declaration will not materially violate or contravene or constitute a material default under any other agreement, document or instrument to which the owner of the property is a party or by which the owner of the property may be bound or affected.

ENFORCEMENT

The above land use restrictions are an integral part of the remedy for the contamination at the Site. Adherence to the restrictions is necessary to protect public health and the environment. These land use restrictions shall be enforced by any owner, operator, or other party responsible for the Areas identified and described in this Agreement. The above land use restrictions may also be enforced by the Hazardous Waste Section through the remedies provided in N.C.G.S. § 130A, Article 1, Part 2, or by means of a civil action, and may also be enforced by any unit of local government having jurisdiction over any part of the Site. Any attempt to cancel this Declaration without the approval of the Hazardous Waste Section or its successor in function shall constitute noncompliance with the remedial action plan approved by the Hazardous Waste Section for the Site, and shall be subject to enforcement by the Hazardous Waste Section to the full extent of the law. Failure by any party required or authorized to enforce any of the above restrictions shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

FUTURE SALES, LEASES, CONVEYANCES AND TRANSFERS

When any portion of Areas A or B or C are sold, leased, conveyed or transferred, pursuant to N.C.G.S. Section 143B-279.10(e) the deed or other instrument of transfer shall contain in the description section, in no smaller type than that used in the body of the deed or instrument, a statement that the real property being sold, leased, conveyed, or transferred is a contaminated site and a reference by book and page to the recordation of the Notice of Contaminated Site for Hazardous Waste or Solid Waste Management Unit Disposal Site referenced in this Declaration.

DRAFT

ATTACHMENT A
Unrecorded Final Plat Survey

OWNER SIGNATURE

IN WITNESS WHEREOF, I, exercising power of attorney for Transcontinental Gas Pipe Line Co., LLC, execute these presents on this ___ day of _____, 20__.

Signatory's name typed or printed: Albert R. Taylor

Signatory's title typed or printed: Vice President, Eastern Interstates

Signature: _____ *Albert R. Taylor*

STATE OF TEXAS

COUNTY OF Harris

I, Vicky L. Peeler, a Notary Public, do hereby certify that Albert R. Taylor personally appeared before me this day, produced proper identification in the form of driver's license, and declared that he is the Vice President of signatory of Transco and that by authority duly given, and as the act of Authority, he has signed this Declaration.

WITNESS my hand and official seal this 6th day of October, 2011.

Vicky L. Peeler
Notary Public

My Commission expires: 11-19-2017

[SEAL]



APPROVAL AND CERTIFICATION OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY

The foregoing Declaration of Perpetual Land Use Restrictions is hereby approved and certified.

By: Michael Scott

Michael Scott, Director
Division of Waste Management
North Carolina Department of Environmental
Quality

STATE OF NORTH CAROLINA

COUNTY OF Wake

I, Kathleen Lance, a Notary Public, do hereby certify that
Michael Scott personally appeared before me this day,
produced proper identification in the form of drivers license, and signed this
Declaration.

WITNESS my hand and official seal this 11 day of October, 20 16

Kathleen Lance
Notary Public

My Commission expires: January 24, 2019

[SEAL]



REGISTER OF DEEDS CERTIFICATION

The foregoing Declaration of Perpetual Land Use Restrictions is certified to be duly recorded at the date and time, and the Book and Page, shown on the first page hereof.

Register of Deeds for Iredell County

By: _____
(signature)

(type or print name and title)

Exhibit B

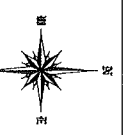
2016 Plat

[See attached.]



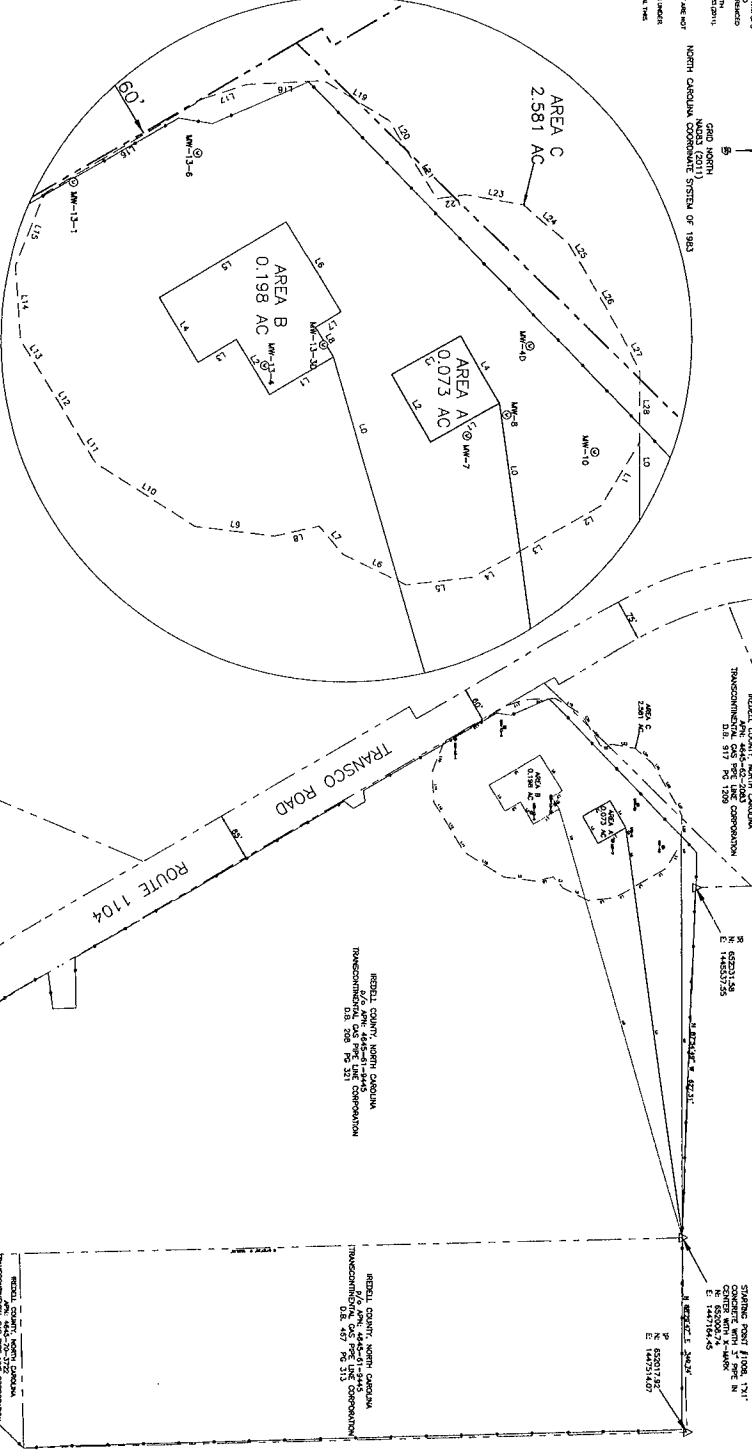
LEGEND

- PROPERTY CORNER
- PROPERTY LINE
- RIGHT OF WAY BOUNDARY
- CHAIN LINK FENCE
- WIRE FENCE
- AREA C BOUNDARY
- MONITORING WELL



NOTE: FLOOD ZONE X
 FLOOD PANEL 44661
 MAP NO. 3710444500

PROJECT NO. 104
 SHEET NO. 104



PROPERTY INFORMATION

OWNER	TRANSCO ROAD DEVELOPMENT CO., LLC
PROJECT	TRANSCO ROAD DEVELOPMENT CO., LLC
ADDRESS	TRANSCO ROAD, WAKE COUNTY, NC
APPLICANT	TRANSCO ROAD DEVELOPMENT CO., LLC
DATE	12/21/16

DEVELOPMENT INFORMATION

AREA	AREA A	AREA B	AREA C
ACREAGE	0.073	0.198	2.581
USE	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
STATUS	PENDING	PENDING	PENDING

AREA A

AREA B

AREA C

$1" = 40'$

DEVELOPMENT INFORMATION

PROPERTY INFORMATION

LEGAL DESCRIPTION

WITNESSES

NOTARY PUBLIC

LEGEND

TOWN OF MOOREVILLE

FINAL PLAN

NOTICE OF COMMENCEMENT

TRANSCO ROAD DEVELOPMENT CO., LLC

DEWBERRY

Appendix B

Results of Private Water Supply Well Survey 2022

Prepared for:

DRAFT
S. S. PAPADOPULOS & ASSOCIATES, INC.
7044 Wisconsin Ave.
Bethesda, MD 20814



Water Well Report

Transco Station 15-

Mooresville, NC 28117

ES-140902

Wednesday, October 19, 2022

DRAFT

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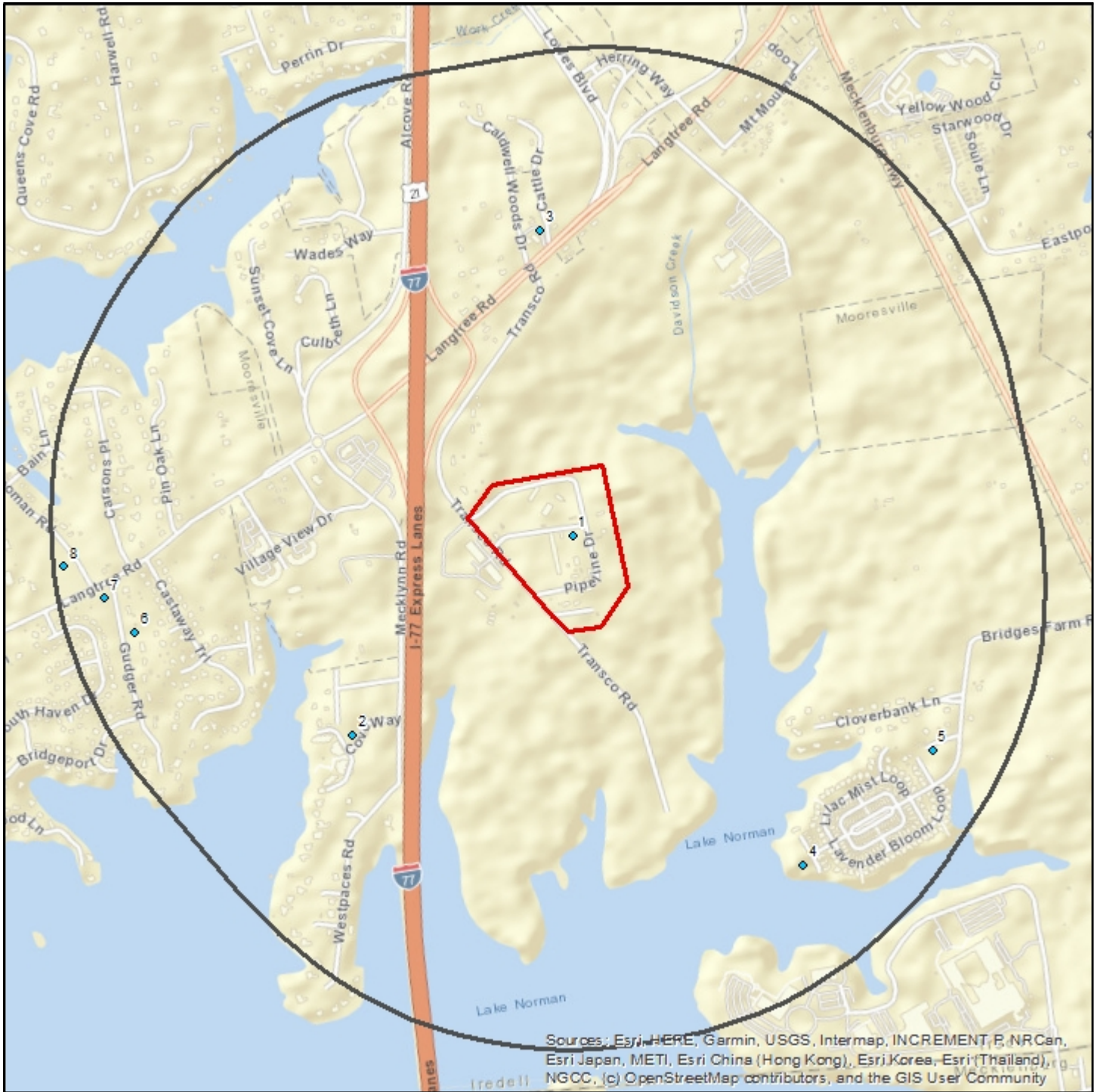
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Maps	
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Topographic Overlay Map - 0.75 Mile Buffer	5
Current Imagery Overlay Map - 0.75 Mile Buffer	6
Water Well Details	7
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Geographic Summary



Location	
NC	
Target location is 0.054 square miles and has a 0.92 mile perimeter	
Coordinates	
Longitude & Latitude in Degrees Minutes Seconds	NA
Longitude & Latitude in Decimal Degrees	NA
X and Y in UTM	NA
Elevation	
NA	
Zip Codes Searched	
Search Distance	Zip Codes (historical zip codes included)
Target Property	28117
0.75 miles	28117, 28036, 28115
Topos Searched	
Search Distance	Topo Name
Target Property	Mooreville (1979)
0.75 miles	Mooreville (1979)

DRAFT
Summary Map - 0.75 Mile Buffer



Transco Station 15-

- Well
- Well Cluster

- Target Property
- Search Buffer

1 : 16,500
 1 inch = 0.260 miles
 1 inch = 1375 feet
 1 centimeter = 0.165 kilometers
 1 centimeter = 165 meters



Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 00' North
 Second Standard Parallel: 45° 00' North
 Central Meridian: 96° 00' West
 Latitude of Origin: 39° 00' North

DRAFT

Topographic Overlay Map - 0.75 Mile Buffer



Transco Station 15-

- Well
- Well Cluster

- Target Property
- Search Buffer

Target Property Quad Name(s)
Mooresville (1979)

1 : 16,500
1 inch = 0.260 miles
1 inch = 1375 feet

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33° 0' 00" North
Second Standard Parallel: 45° 0' 00" North
Central Meridian: 96° 0' 00" West
Latitude of Origin: 39° 0' 00" North



DRAFT

Current Imagery Overlay Map - 0.75 Mile Buffer



Source: Esri, Maxar, GeoEye, Earthstar, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Transco Station 15-

- Well
- Well Cluster
- Target Property
- Search Buffer

1 : 16,500
 1 inch = 0.260 miles
 1 inch = 1375 feet
 1 centimeter = 0.165 kilometers
 1 centimeter = 165 meters



Lambert Conformal Conic Projection
 1983 North American Datum
 First Standard Parallel: 33° 00' North
 Second Standard Parallel: 45° 00' North
 Central Meridian: 96° 00' West
 Latitude of Origin: 39° 00' North

DRAFT
Water Well Details



Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
1	16448	NC WW PWS	WILLIAMS GAS PIPELINE	Non-Transient, Non-Community	235	N/A	-80.8583	35.5256	820 ft	N/A
2	16298	NC WW PWS	AQUA NORTH CAROLINA INC.	Community	1005	N/A	-80.8663	35.5214	777 ft	N/A
3	16513	NC WW PWS	COMMUNITY BAPTIST CHURCH OF MOUNT MOURNE	Non-Community Transient	0	N/A	-80.8577	35.5336	846 ft	N/A
4	66371	NC WW PWS	DAVIDSON POINTE HOMEOWNERS ASSOC	Community	1005	N/A	-80.8528	35.5161	766 ft	N/A
5	66370	NC WW PWS	DAVIDSON POINTE HOMEOWNERS ASSOC	Community	600	N/A	-80.8481	35.5185	792 ft	N/A
6	16296	NC WW PWS	AQUA NORTH CAROLINA INC.	Community	605	N/A	-80.8726	35.525	797 ft	N/A
7	16295	NC WW PWS	AQUA NORTH CAROLINA INC.	Community	850	N/A	-80.8734	35.526	805 ft	N/A
8	16297	NC WW PWS	AQUA NORTH CAROLINA INC.	Community	395	N/A	-80.8745	35.527	801 ft	N/A

Well Summary

Water Well Dataset	# of Wells
NC WW PWS	8
Total Count	8

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Dataset Descriptions and Sources



Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
NC WW PWS - North Carolina Public Water Supply	North Carolina Department of Environment and Natural Resources, Public Water Supply	This dataset contains all groundwater records compiled by North Carolina Department of Environment and Natural Resources, Public Water Supply.	As requested	N/A	N/A	10/19/2022	N/A
NC WW - North Carolina Water Wells	North Carolina Department of Environment and Natural Resources, Division of Water Quality	This dataset contains all groundwater records compiled by North Carolina Department of Environment and Natural Resources, Division of Water Quality.	As requested	N/A	N/A	N/A	N/A
USGS WW - USGS Water Wells	U.S. Geological Survey	This dataset contains groundwater well records from the U.S. Geological Survey.	Semi-annually	10/11/2022	10/11/2022	10/18/2022	10/11/2022

DRAFT

Disclaimer



The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

Appendix C

Summary of Water Level Data

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Figure C-2	June 1992 Water Level Elevation
Figure C-3	June 1994 Water Level Elevation
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Figure C-6	December 1998 Water Level Elevation
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Table C-1	Summary of Water Level Data, Station 150, Mooresville, NC
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Appendix C

Summary of Water Level Data

Water level data collected from monitoring wells at Station 150 since 1988 are summarized as a series of figures showing water level elevation contour maps from 1990 to 2020 in **Figures C-1 through C-20**. Water levels measured in monitoring wells were calculated based on the 2002 measuring point elevations and the water level elevation contour lines were developed using standard krigging methods in KT3D_H2O (Karanovic, et al., 2009¹). Water level elevations for the deep wells were omitted from the data sets.

A summary of water level data in tabular form is provided in **Table C-1**.

¹ Karanovic, M., Tonkin, M., and D. Wilson, 2009. KT3D_H2O: A Program for Kriging Water Level Data Using Hydrologic Drift Terms. Ground Water, volume 47, number 4, pages 580-586.

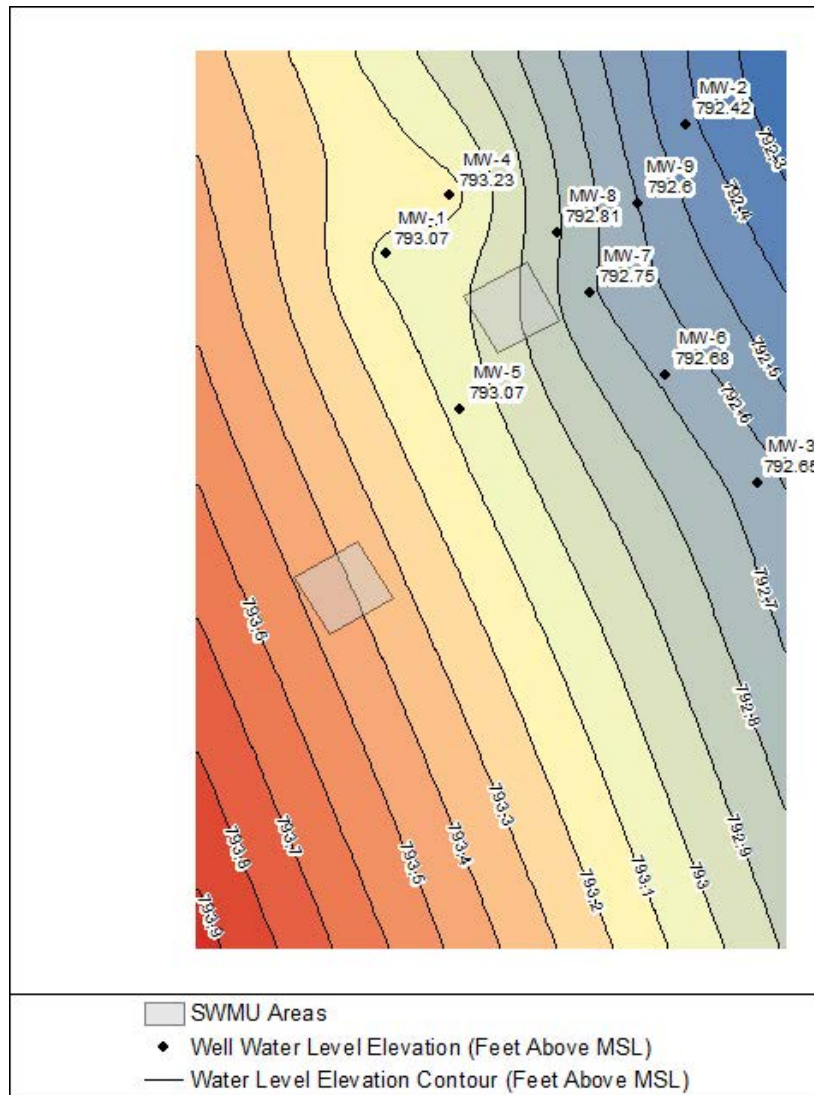


Figure C-1 June 1990 Water Level Elevation

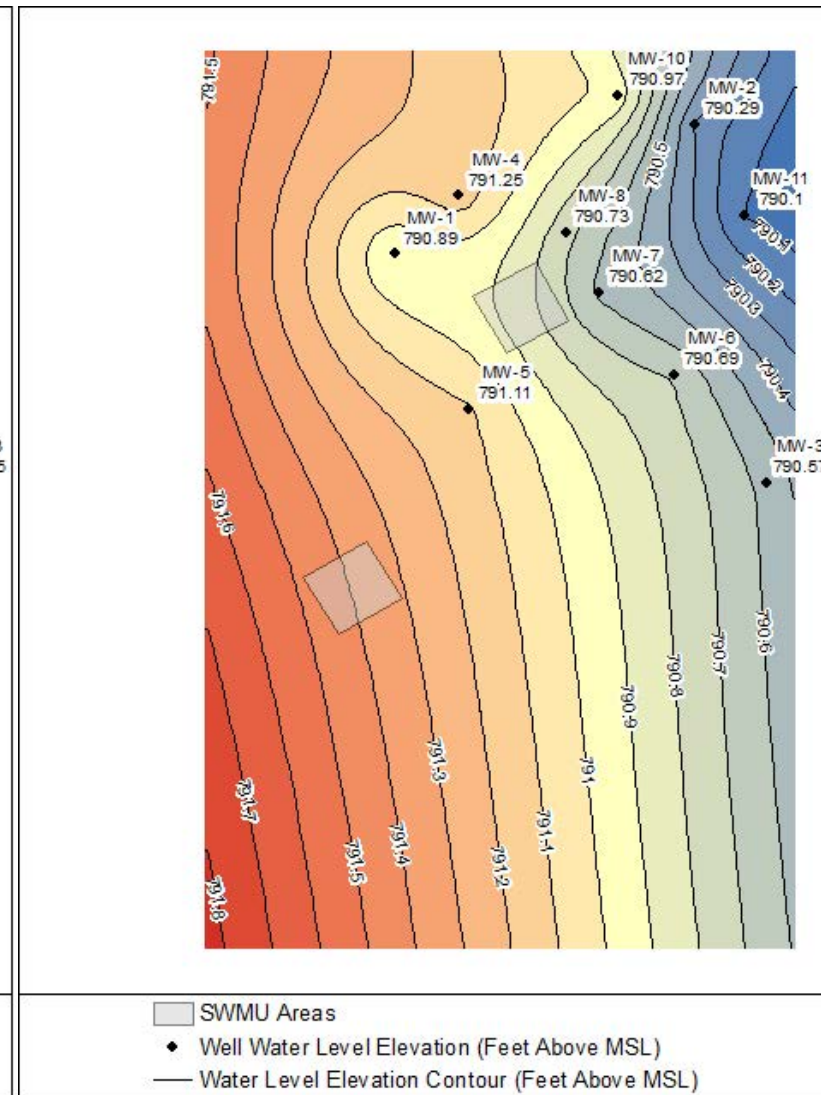


Figure C-2 June 1992 Water Level Elevation

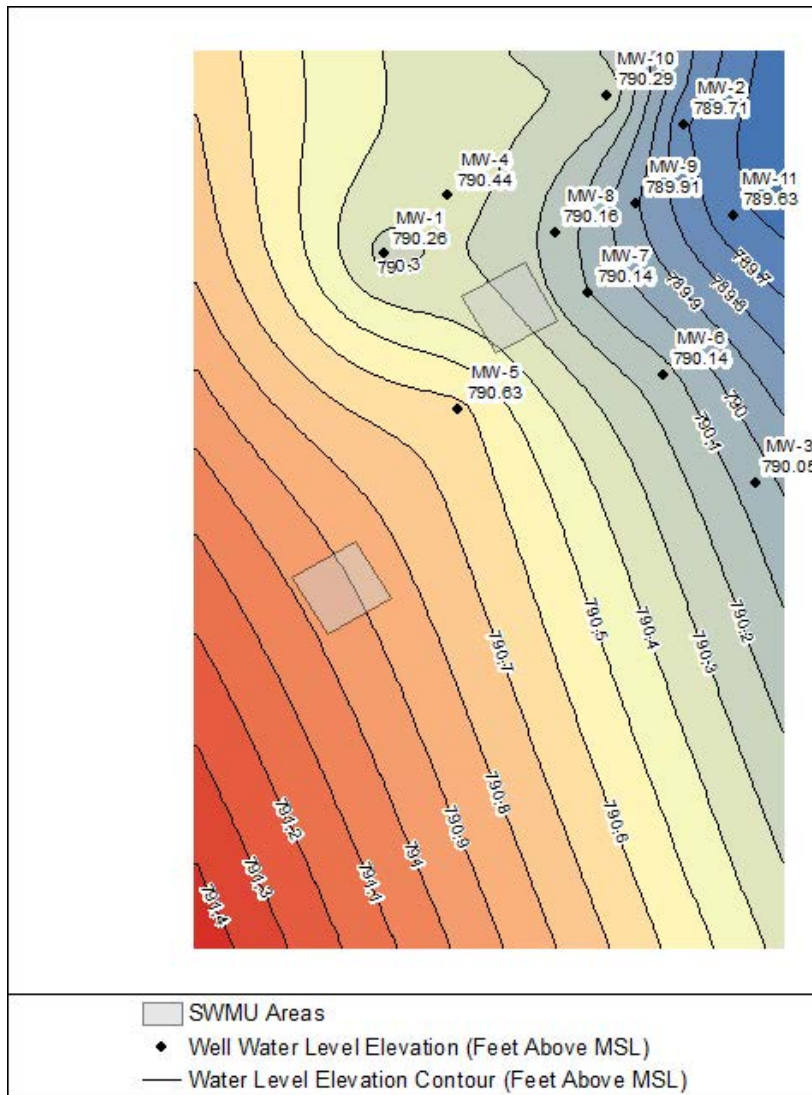


Figure C-3 June 1994 Water Level Elevation

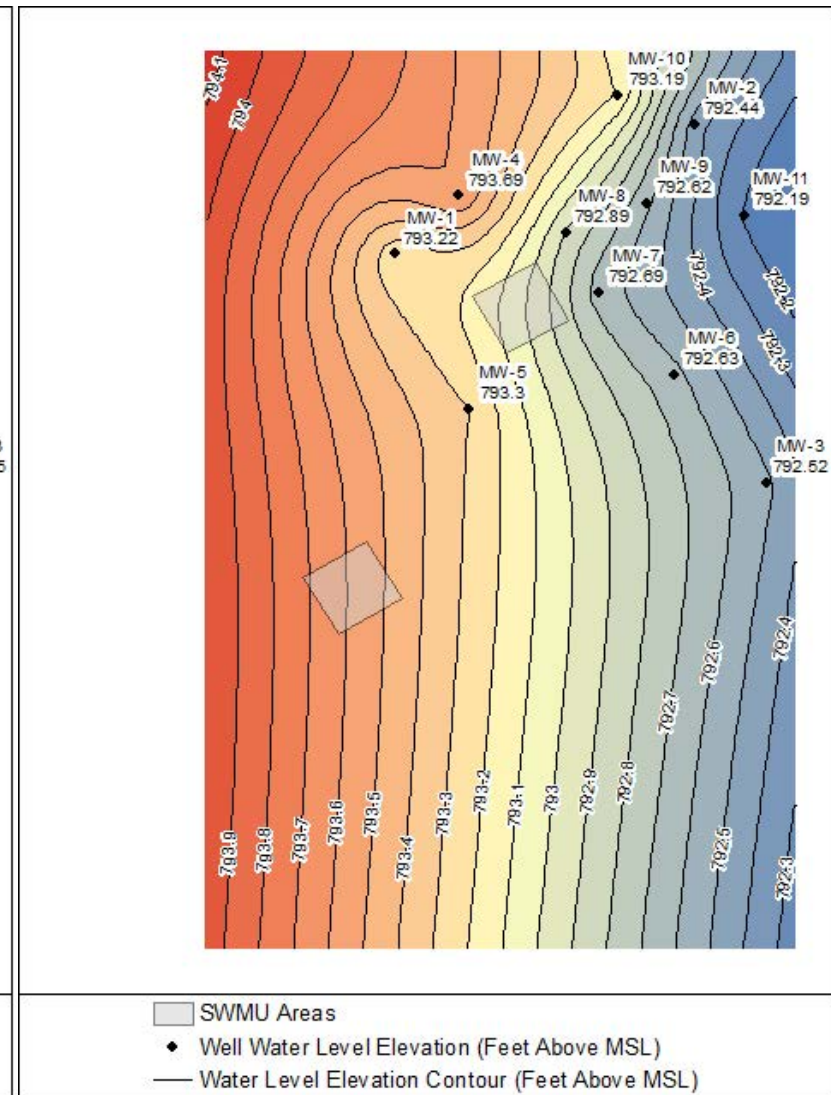


Figure C-4 December 1995 Water Level Elevation

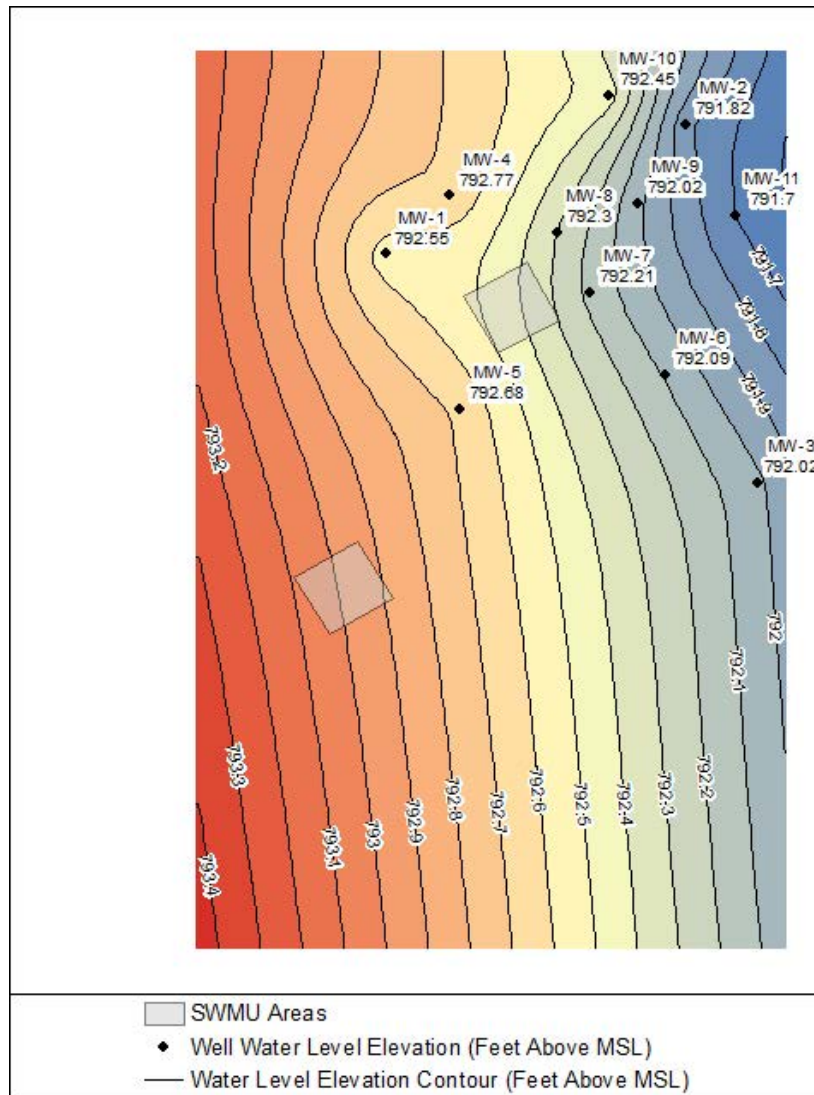


Figure C-5 June 1997 Water Level Elevation

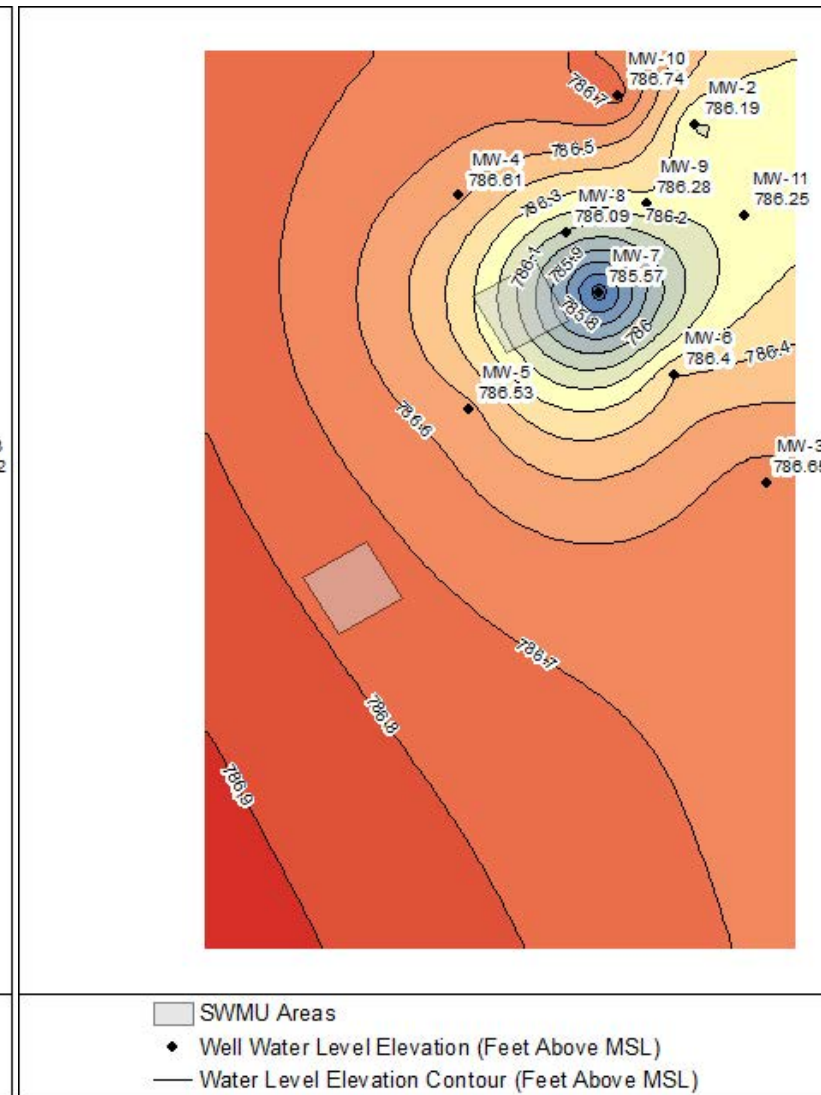


Figure C-6 December 1998 Water Level Elevation

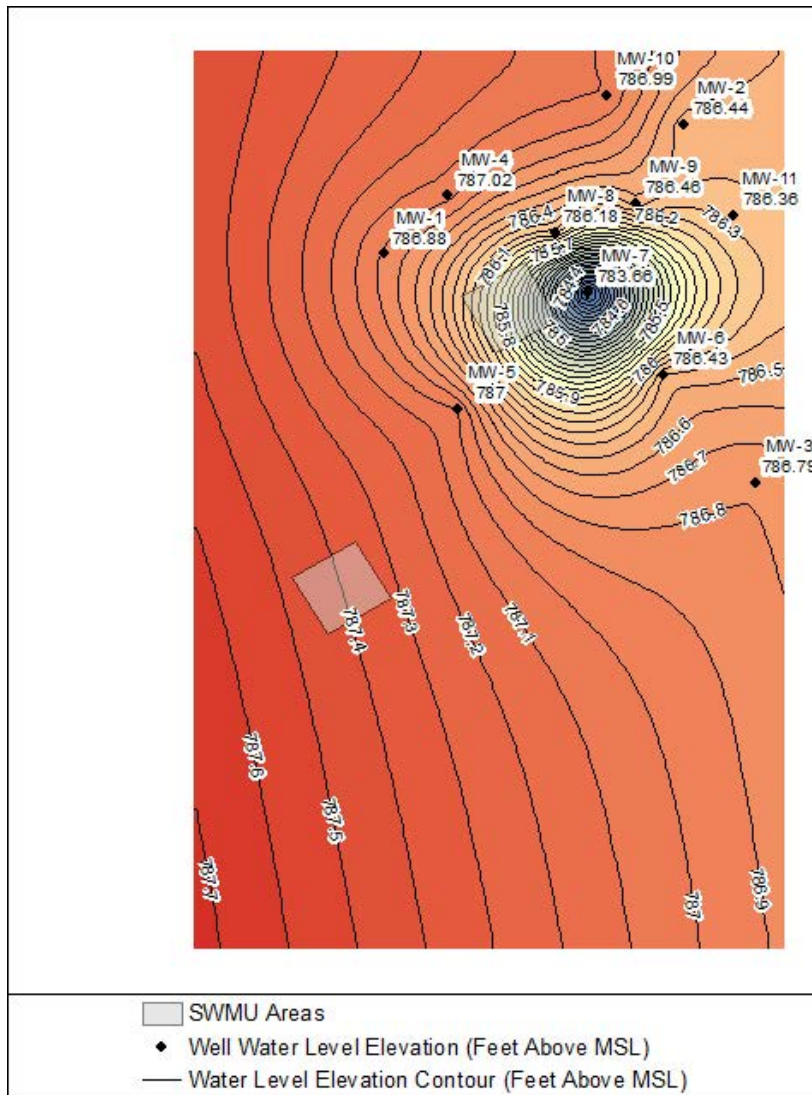


Figure C-7 June 2000 Water Level Elevation

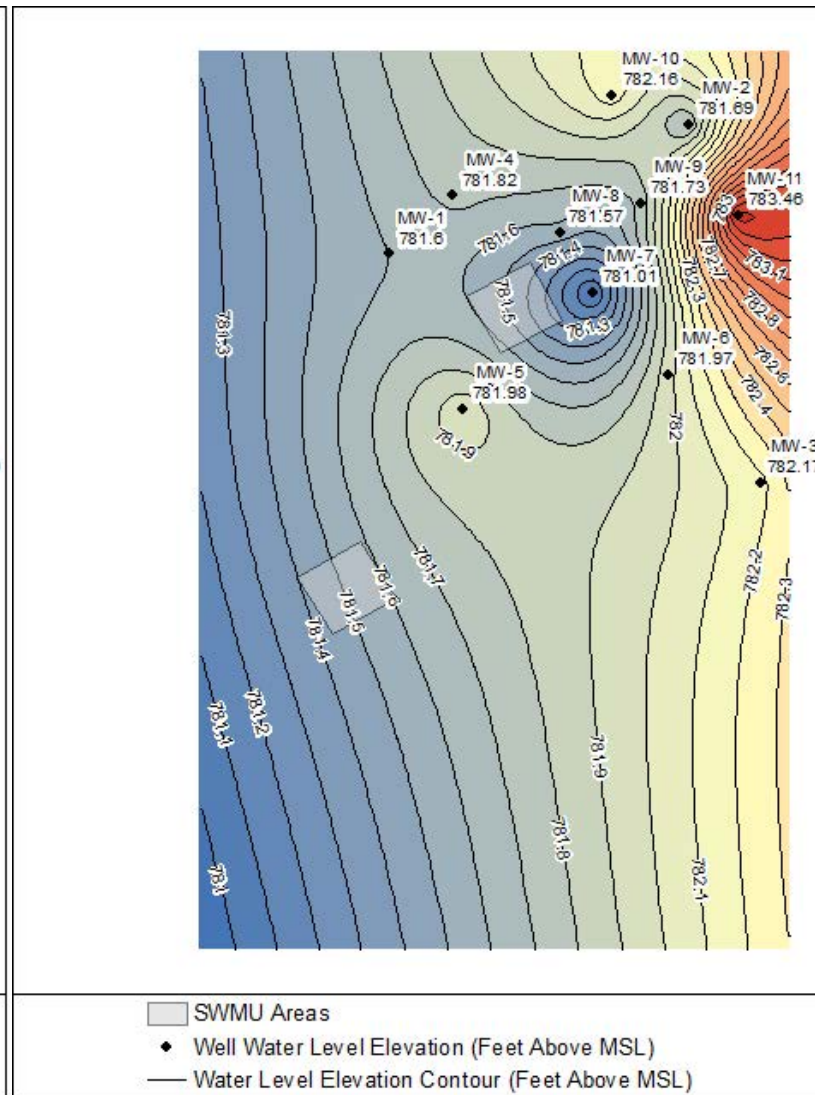


Figure C-8 December 2001 Water Level Elevation

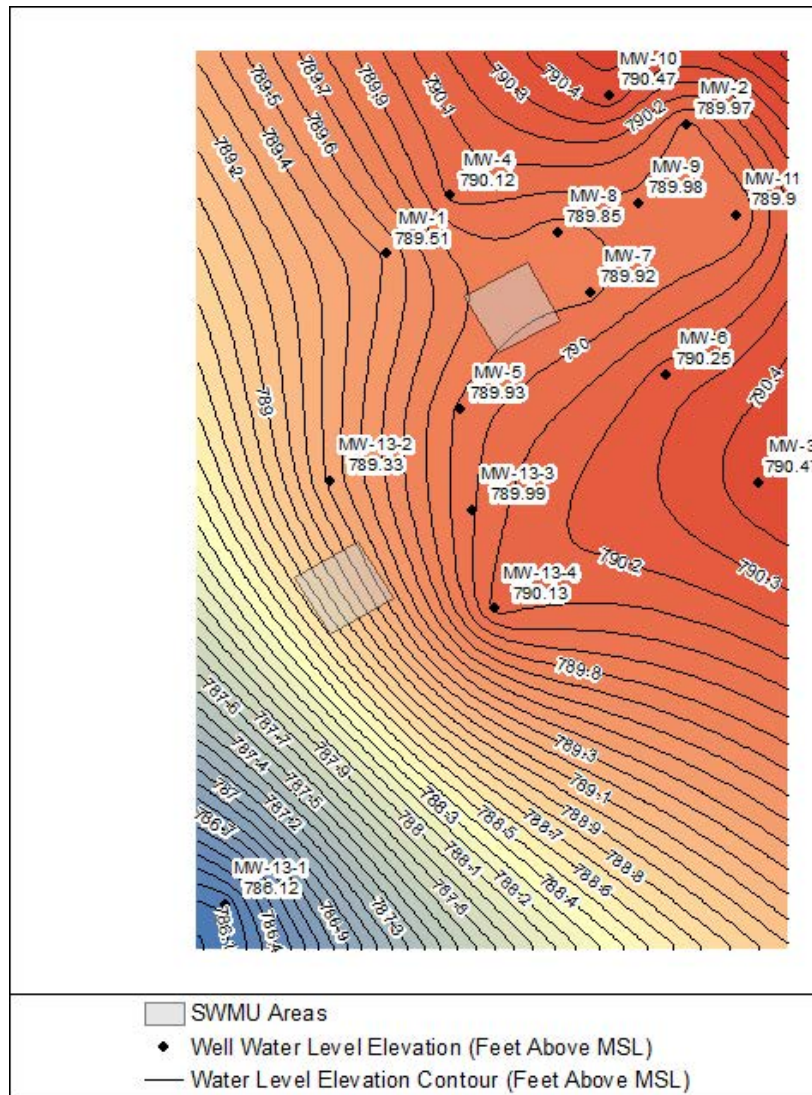


Figure C-9 June 2003 Water Level Elevation

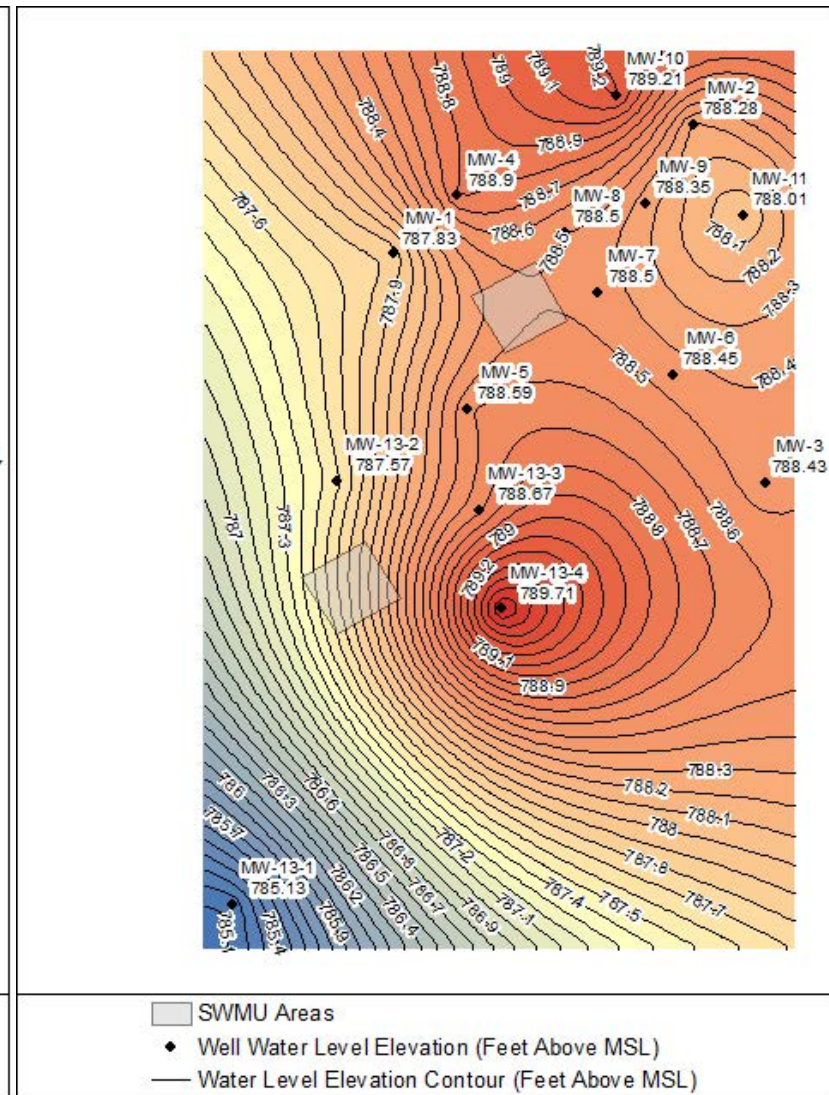


Figure C-10 December 2004 Water Level Elevation

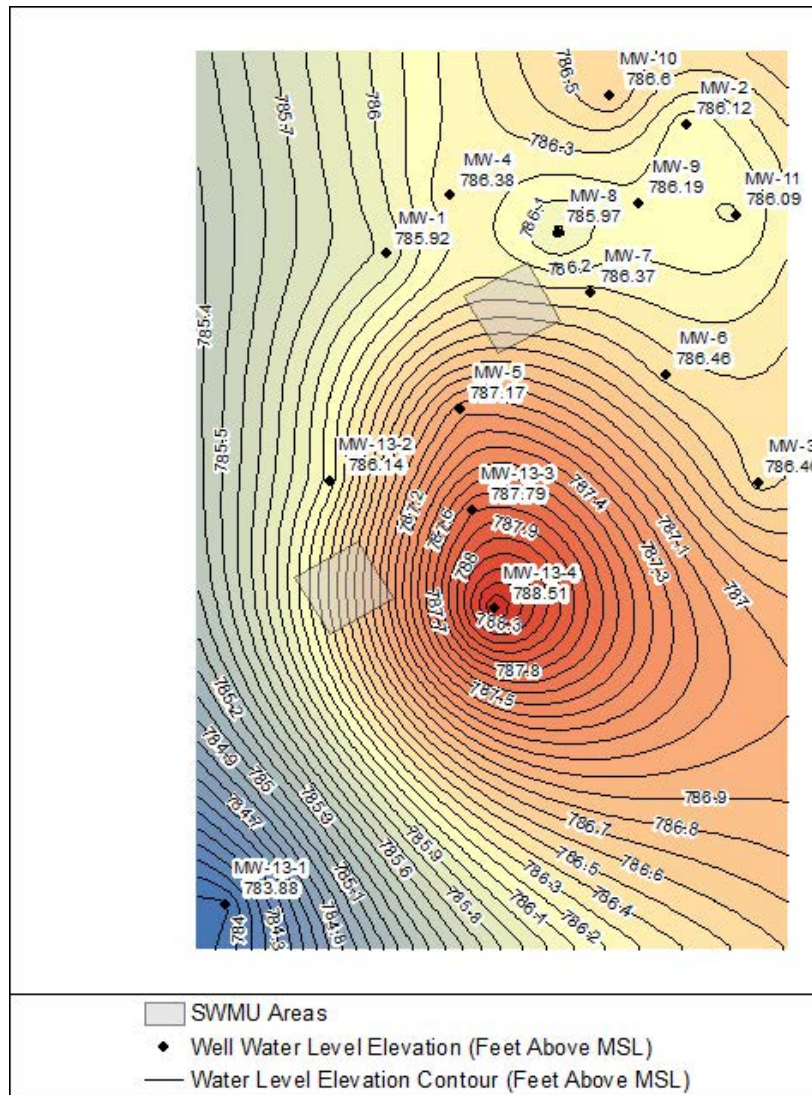


Figure C-11 June 2006 Water Level Elevation

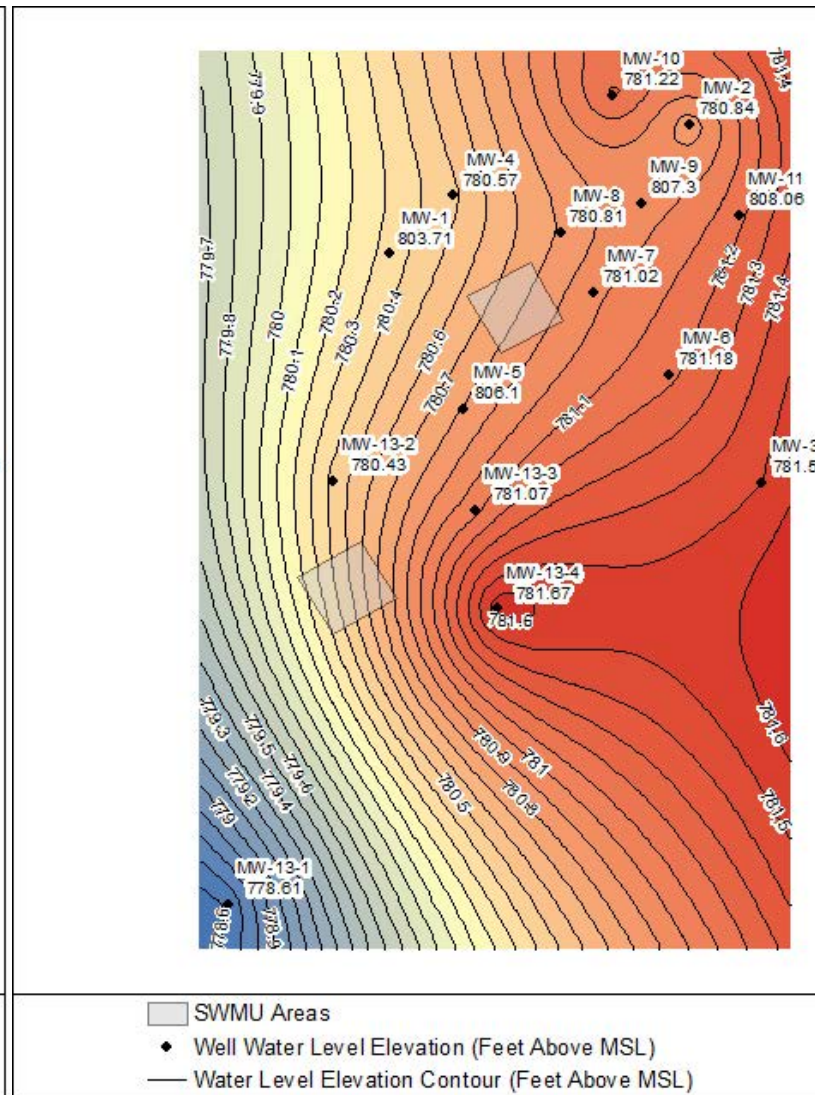


Figure C-12 December 2007 Water Level Elevation

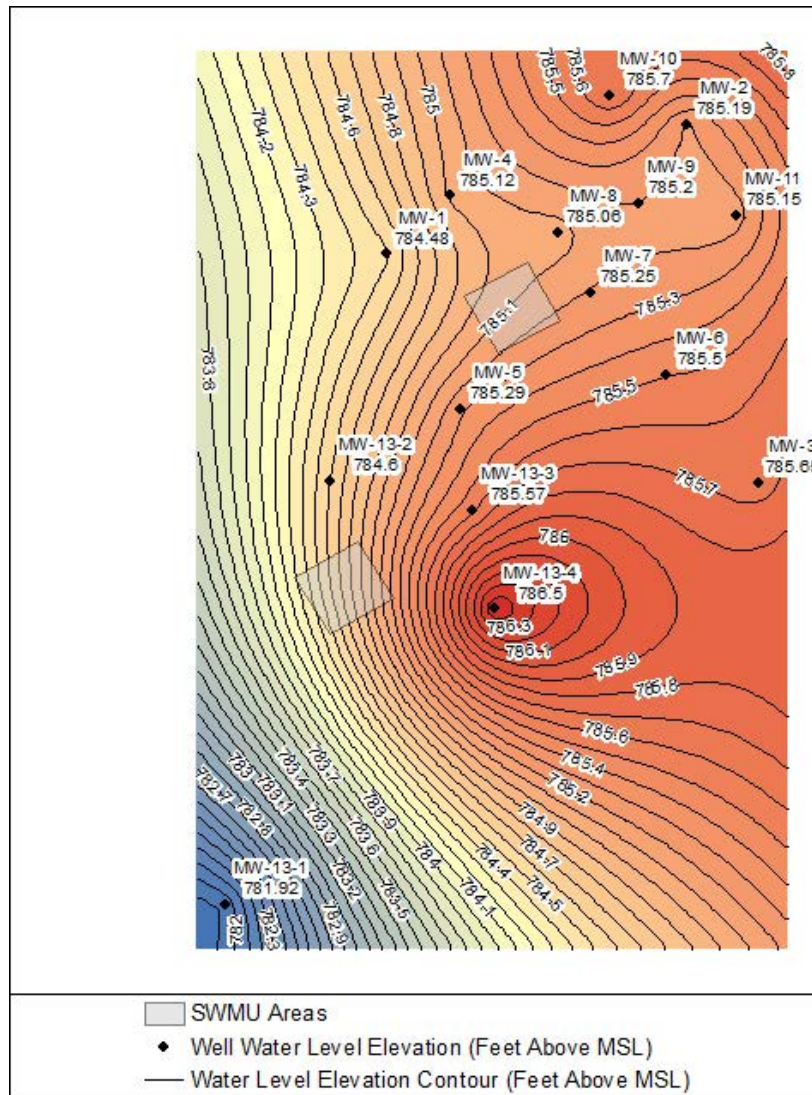


Figure C-13 June 2009 Water Level Elevation

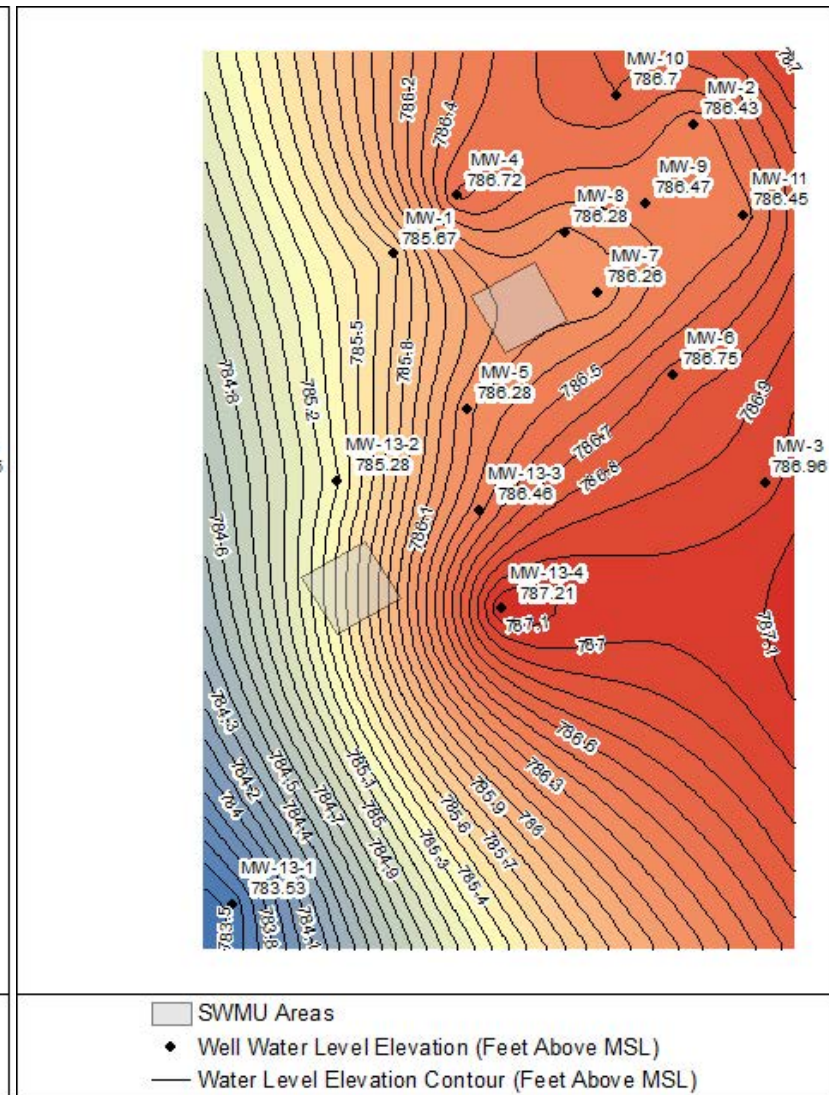


Figure C-14 March 2011 Water Level Elevation

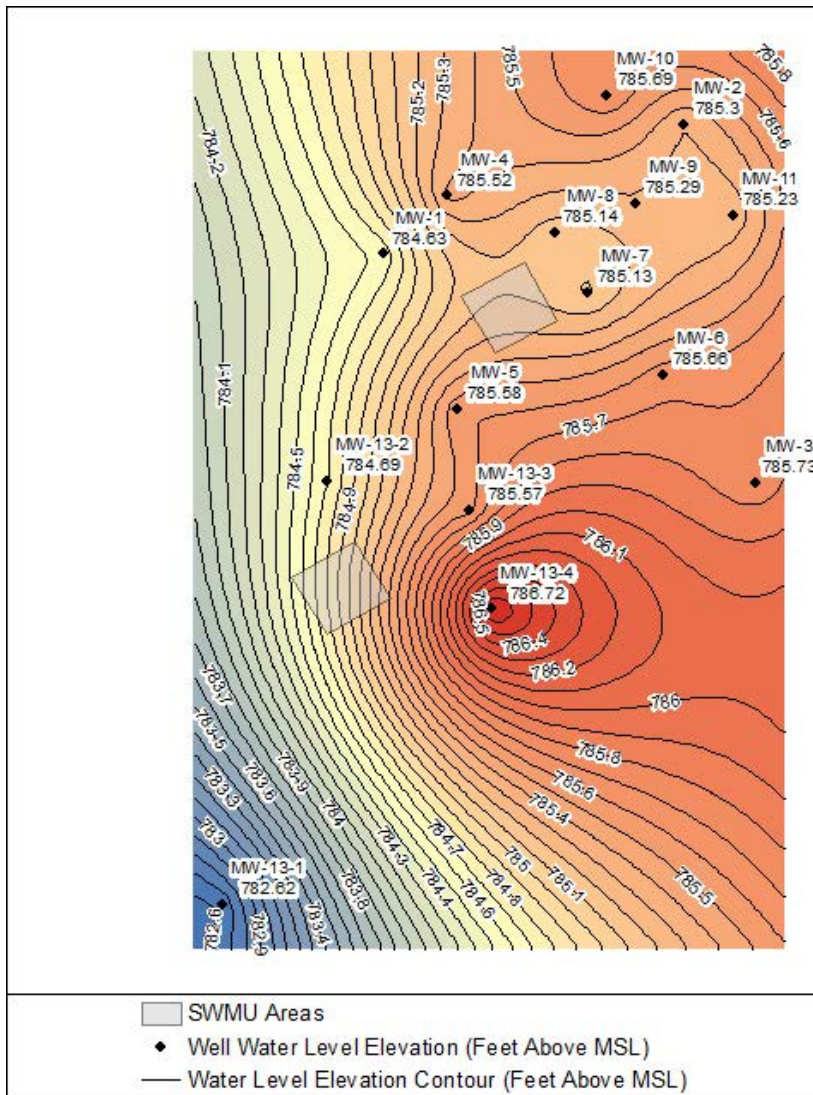


Figure C-15 June 2013 Water Level Elevation

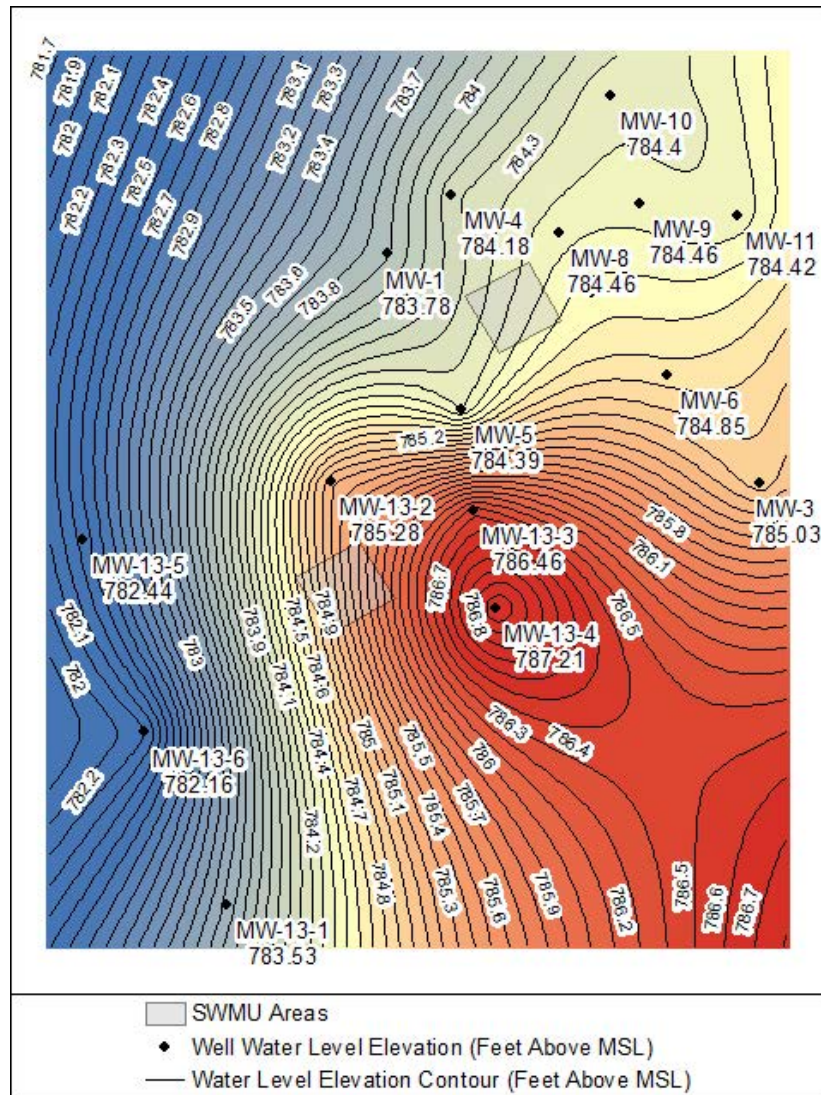


Figure C-16 December 2014 Water Level Elevation

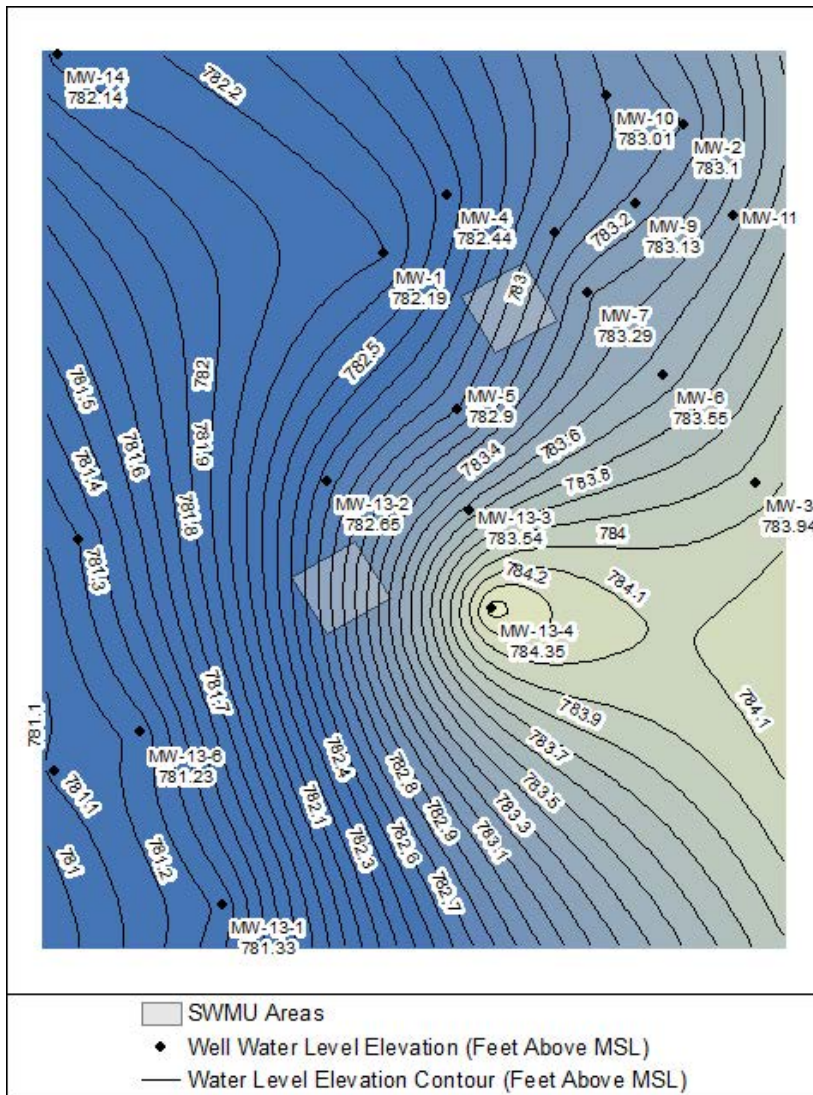


Figure C-17 September 2015 Water Level Elevation

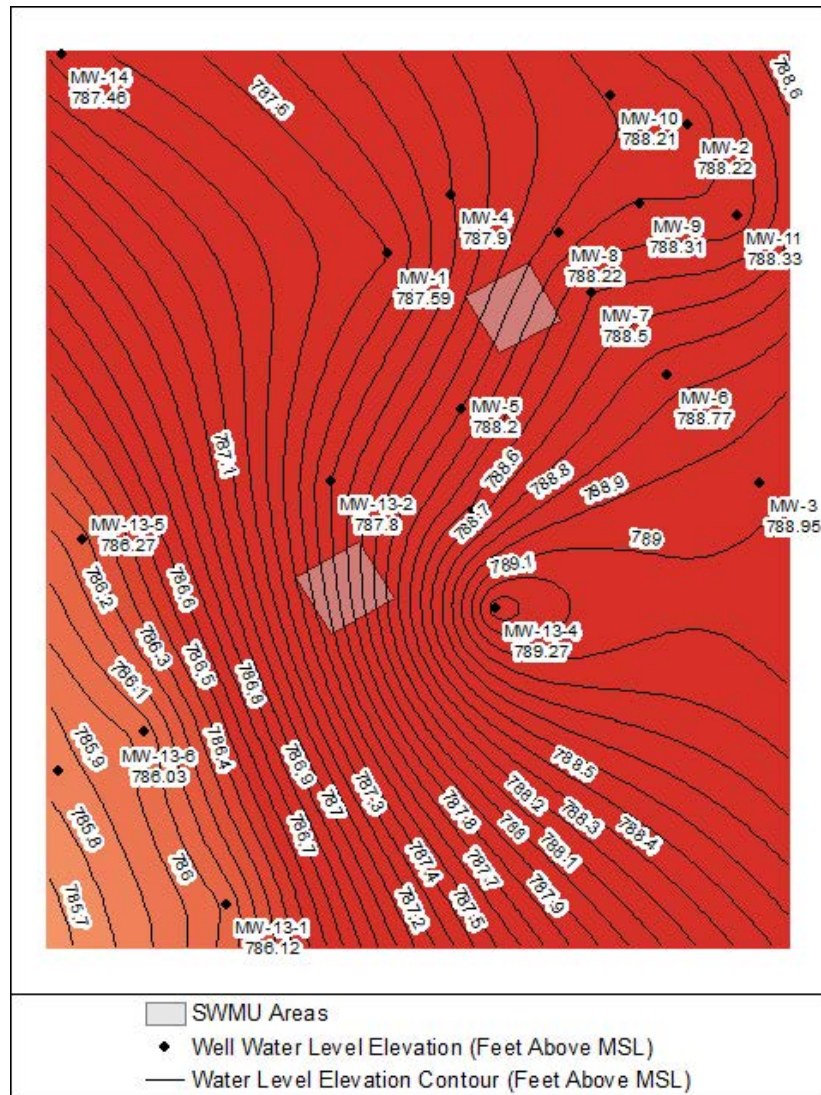


Figure C-18 June 2016 Water Level Elevation

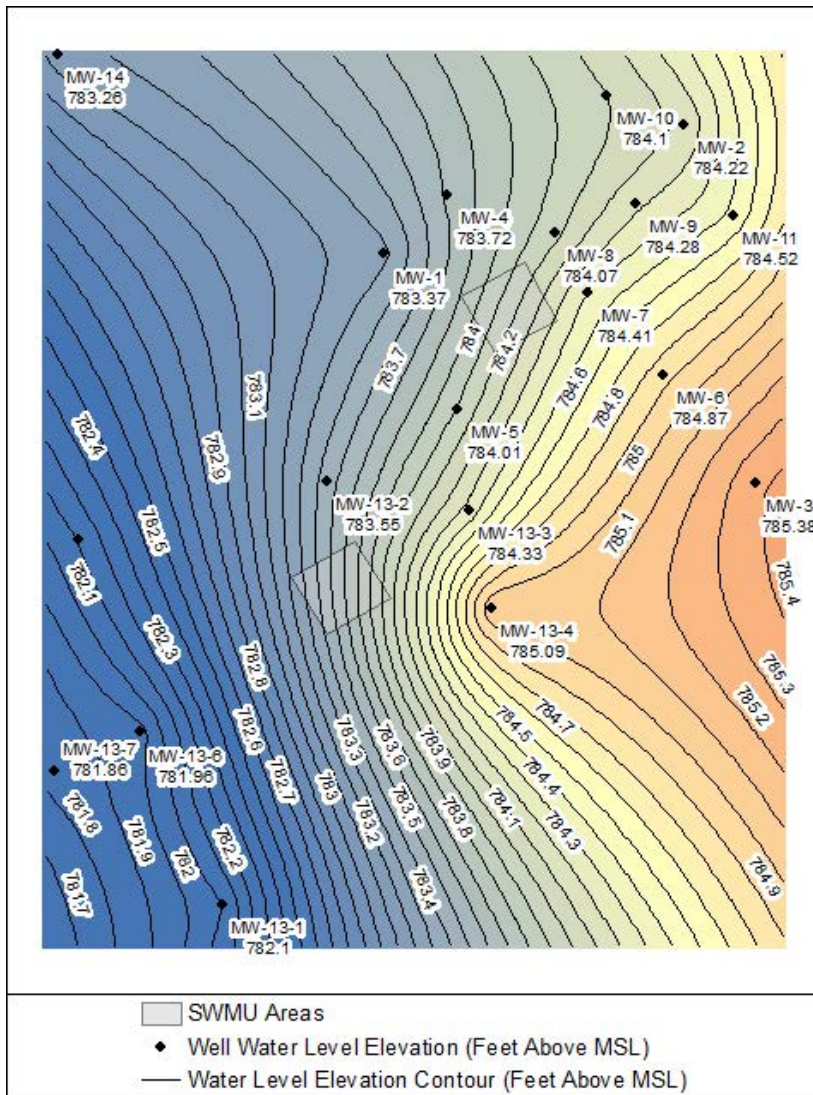


Figure C-19 March 2017 Water Level Elevation

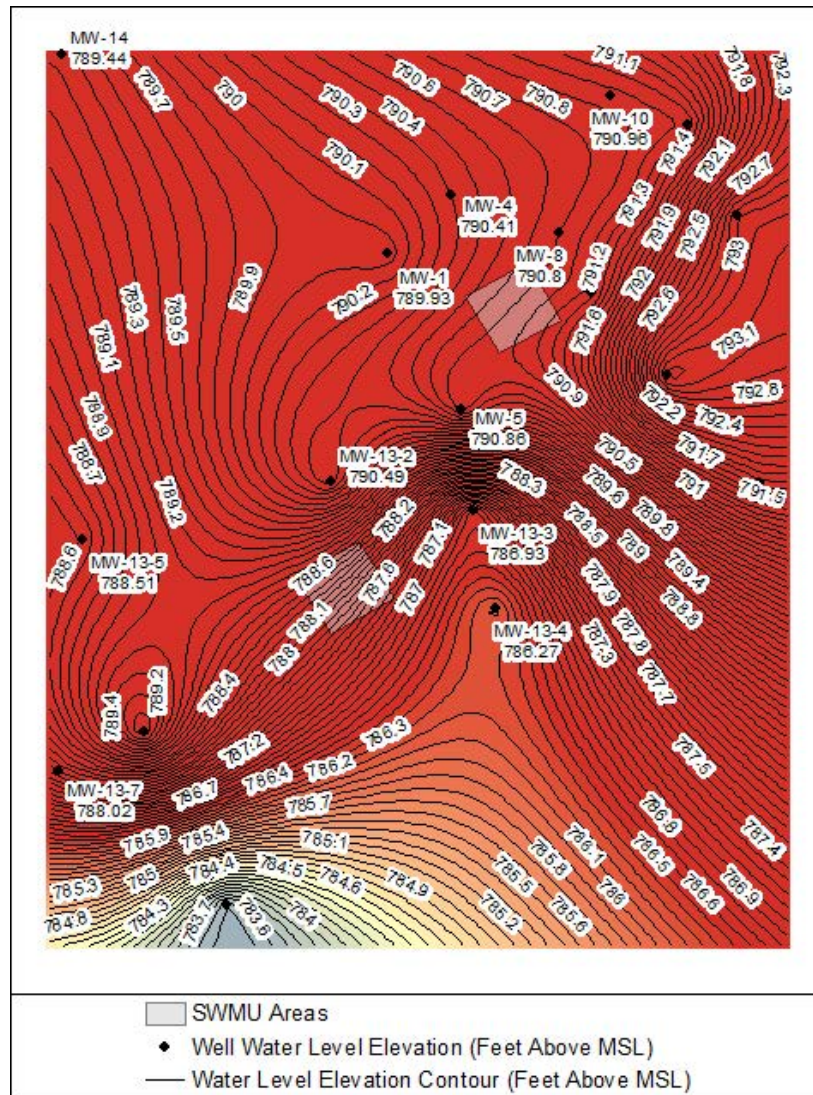


Figure C-20 June 2020 Water Level Elevation

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-1	8/18/1988	787.05	803.71	16.66	
MW-2	8/18/1988	787.18	805.44	18.26	
MW-3	8/18/1988	787.37	806.94	19.57	
MW-1	9/29/1988	787.83	803.71	15.88	
MW-2	9/29/1988	788.27	805.44	17.17	
MW-3	9/29/1988	787.95	806.94	18.99	
MW-1	10/13/1988	788.24	803.71	15.47	
MW-2	10/13/1988	788.67	805.44	16.77	
MW-3	10/13/1988	788.55	806.94	18.39	
MW-1	11/10/1988	788.17	803.71	15.54	
MW-2	11/10/1988	787.88	805.44	17.56	
MW-3	11/10/1988	787.92	806.94	19.02	
MW-1	11/21/1988	787.98	803.71	15.73	
MW-2	11/21/1988	787.51	805.44	17.93	
MW-3	11/21/1988	787.62	806.94	19.32	
MW-5	11/21/1988	787.95	806.10	18.15	
MW-6	11/21/1988	787.69	807.15	19.46	
MW-4	11/22/1988	788.20	805.45	17.25	
MW-1	12/9/1988	788.66	803.71	15.05	
MW-2	12/9/1988	788.56	805.44	16.88	
MW-3	12/9/1988	788.77	806.94	18.17	
MW-4	12/9/1988	788.91	805.45	16.54	
MW-5	12/9/1988	788.84	806.10	17.26	
MW-6	12/9/1988	788.76	807.15	18.39	
MW-1	12/22/1988	788.55	803.71	15.16	
MW-2	12/22/1988	788.20	805.44	17.24	
MW-3	12/22/1988	788.49	806.94	18.45	
MW-4	12/22/1988	788.75	805.45	16.70	
MW-5	12/22/1988	788.57	806.10	17.53	
MW-6	12/22/1988	788.47	807.15	18.68	
MW-1	1/5/1989	788.77	803.71	14.94	
MW-2	1/5/1989	788.46	805.44	16.98	
MW-3	1/5/1989	788.56	806.94	18.38	
MW-4	1/5/1989	789.46	805.45	15.99	
MW-5	1/5/1989	788.80	806.10	17.30	
MW-6	1/5/1989	788.62	807.15	18.53	
MW-1	2/22/1989	789.56	803.71	14.15	
MW-2	2/22/1989	789.03	805.44	16.41	
MW-3	2/22/1989	788.92	806.94	18.02	
MW-4	2/22/1989	790.56	805.45	14.89	
MW-5	2/22/1989	789.93	806.10	16.17	
MW-6	2/22/1989	789.21	807.15	17.94	
MW-1	5/24/1989	792.09	803.71	11.62	
MW-2	5/24/1989	791.53	805.44	13.91	
MW-3	5/24/1989	791.79	806.94	15.15	
MW-4	5/24/1989	792.53	805.45	12.92	
MW-5	5/24/1989	792.39	806.10	13.71	
MW-6	5/24/1989	791.91	807.15	15.24	
MW-1	9/6/1989	791.39	803.71	12.32	
MW-2	9/6/1989	791.10	805.44	14.34	
MW-3	9/6/1989	791.45	806.94	15.49	
MW-4	9/6/1989	791.53	805.45	13.92	
MW-5	9/6/1989	791.60	806.10	14.50	
MW-6	9/6/1989	791.43	807.15	15.72	
MW-7	9/6/1989	791.41	806.69	15.28	
MW-8	9/6/1989	791.41	805.93	14.52	
MW-1	11/16/1989	792.25	803.71	11.46	
MW-2	11/16/1989	791.96	805.44	13.48	
MW-3	11/16/1989	792.31	806.94	14.63	
MW-4	11/16/1989	792.37	805.45	13.08	
MW-5	11/16/1989	792.29	806.10	13.81	
MW-6	11/16/1989	792.25	807.15	14.90	
MW-7	11/16/1989	792.16	806.69	14.53	
MW-7D	11/16/1989	794.86	805.70	10.84	
MW-8	11/16/1989	792.19	805.93	13.74	
MW-1	12/12/1989	792.87	803.71	10.84	
MW-2	12/12/1989	792.52	805.44	12.92	
MW-3	12/12/1989	792.74	806.94	14.20	
MW-4	12/12/1989	793.51	805.45	11.94	
MW-5	12/12/1989	793.25	806.10	12.85	
MW-6	12/12/1989	792.89	807.15	14.26	
MW-7	12/12/1989	792.65	806.69	14.04	
MW-7D	12/12/1989	792.79	805.70	12.91	
MW-8	12/12/1989	792.88	805.93	13.05	
MW-9	12/12/1989	792.66	807.30	14.64	
MW-1	3/13/1990	795.96	803.71	7.75	
MW-2	3/13/1990	795.44	805.44	10.00	
MW-3	3/13/1990	795.67	806.94	11.27	
MW-4	3/13/1990	796.18	805.45	9.27	
MW-5	3/13/1990	795.81	806.10	10.29	
MW-6	3/13/1990	795.66	807.15	11.49	
MW-7	3/13/1990	795.59	806.69	11.10	
MW-7D	3/13/1990	795.68	805.70	10.02	
MW-8	3/13/1990	795.75	805.93	10.18	
MW-9	3/13/1990	795.57	807.30	11.73	
MW-1	6/12/1990	793.07	803.71	10.64	
MW-2	6/12/1990	792.42	805.44	13.02	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-3	6/12/1990	792.65	806.94	14.29	
MW-4	6/12/1990	793.14	805.45	12.31	
MW-5	6/12/1990	793.07	806.10	13.03	
MW-6	6/12/1990	792.68	807.15	14.47	
MW-7	6/12/1990	792.71	806.69	13.98	
MW-7D	6/12/1990	792.77	805.70	12.93	
MW-8	6/12/1990	792.81	805.93	13.12	
MW-9	6/12/1990	792.60	807.30	14.70	
MW-1	9/12/1990	788.26	803.71	15.45	
MW-2	9/12/1990	788.07	805.44	17.37	
MW-3	9/12/1990	788.42	806.94	18.52	
MW-4	9/12/1990	788.35	805.45	17.10	
MW-5	9/12/1990	788.58	806.10	17.52	
MW-6	9/12/1990	788.35	807.15	18.80	
MW-7	9/12/1990	788.39	806.69	18.30	
MW-7D	9/12/1990	788.40	805.70	17.30	
MW-8	9/12/1990	788.40	805.93	17.53	
MW-9	9/12/1990	788.25	807.30	19.05	
MW-1	12/5/1990	790.20	803.71	13.51	
MW-2	12/5/1990	790.31	805.44	15.13	
MW-3	12/5/1990	790.74	806.94	16.20	
MW-4	12/5/1990	791.12	805.45	14.33	
MW-5	12/5/1990	791.18	806.10	14.92	
MW-6	12/5/1990	790.95	807.15	16.20	
MW-7	12/5/1990	790.58	806.69	16.11	
MW-7D	12/5/1990	790.66	805.70	15.04	
MW-8	12/5/1990	790.75	805.93	15.18	
MW-9	12/5/1990	790.48	807.30	16.82	
MW-1	3/6/1991	794.09	803.71	9.62	
MW-2	3/6/1991	794.28	805.44	11.16	
MW-3	3/6/1991	794.67	806.94	12.27	
MW-4	3/6/1991	794.82	805.45	10.63	
MW-5	3/6/1991	794.72	806.10	11.38	
MW-6	3/6/1991	794.72	807.15	12.43	
MW-7	3/6/1991	794.41	806.69	12.28	
MW-8	3/6/1991	794.61	805.93	11.32	
MW-9	3/6/1991	794.46	807.30	12.84	
MW-1	6/5/1991	793.22	803.71	10.49	
MW-2	6/5/1991	792.63	805.44	12.81	
MW-3	6/5/1991	792.99	806.94	13.95	
MW-4	6/5/1991	793.30	805.45	12.15	
MW-5	6/5/1991	793.29	806.10	12.81	
MW-6	6/5/1991	793.06	807.15	14.09	
MW-7	6/5/1991	792.97	806.69	13.72	
MW-7D	6/5/1991	793.01	805.70	12.69	
MW-8	6/5/1991	793.01	805.93	12.92	
MW-9	6/5/1991	792.81	807.30	14.49	
MW-1	9/5/1991	789.96	803.71	13.75	
MW-2	9/5/1991	789.35	805.44	16.09	
MW-3	9/5/1991	789.63	806.94	17.31	
MW-4	9/5/1991	790.06	805.45	15.39	
MW-5	9/5/1991	790.12	806.10	15.98	
MW-6	9/5/1991	789.67	807.15	17.48	
MW-7	9/5/1991	789.73	806.69	16.96	
MW-7D	9/5/1991	789.76	805.70	15.94	
MW-8	9/5/1991	789.81	805.93	16.12	
MW-9	9/5/1991	789.55	807.30	17.75	
MW-1	1/20/1992	787.60	803.71	16.11	
MW-10	1/20/1992	787.54	805.77	18.23	
MW-11	1/20/1992	786.82	808.06	21.24	
MW-11D	1/20/1992	786.90	808.26	21.36	
MW-2	1/20/1992	787.01	805.44	18.43	
MW-3	1/20/1992	787.12	806.94	19.82	
MW-4	1/20/1992	787.75	805.45	17.70	
MW-4D	1/20/1992	787.57	805.69	18.12	
MW-5	1/20/1992	787.55	806.10	18.55	
MW-6	1/20/1992	787.17	807.15	19.98	
MW-7	1/20/1992	789.45	806.69	17.24	
MW-7D	1/20/1992	787.93	805.70	17.77	
MW-8	1/20/1992	787.66	805.93	18.27	
MW-9	1/20/1992	787.18	807.30	20.12	
MW-1	2/11/1992	787.60	803.71	16.11	
MW-10	2/11/1992	787.62	805.77	18.15	
MW-11	2/11/1992	786.86	808.06	21.20	
MW-11D	2/11/1992	786.94	808.26	21.32	
MW-2	2/11/1992	787.01	805.44	18.43	
MW-3	2/11/1992	787.16	806.94	19.78	
MW-4	2/11/1992	787.78	805.45	17.67	
MW-4D	2/11/1992	787.59	805.69	18.10	
MW-5	2/11/1992	787.50	806.10	18.60	
MW-6	2/11/1992	787.17	807.15	19.98	
MW-7	2/11/1992	787.24	806.69	19.45	
MW-7D	2/11/1992	787.33	805.70	18.37	
MW-8	2/11/1992	787.41	805.93	18.52	
MW-9	2/11/1992	787.17	807.30	20.13	
MW-1	4/6/1992	790.63	803.71	13.08	
MW-10	4/6/1992	790.82	805.77	14.95	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-11	4/6/1992	790.29	808.06	17.77	
MW-11D	4/6/1992	790.36	808.26	17.90	
MW-2	4/6/1992	790.29	805.44	15.15	
MW-3	4/6/1992	790.72	806.94	16.22	
MW-4	4/6/1992	790.85	805.45	14.60	
MW-4D	4/6/1992	790.62	805.69	15.07	
MW-5	4/6/1992	790.57	806.10	15.53	
MW-6	4/6/1992	790.65	807.15	16.50	
MW-7	4/6/1992	790.42	806.69	16.27	
MW-7D	4/6/1992	790.52	805.70	15.18	
MW-8	4/6/1992	790.50	805.93	15.43	
MW-9	4/6/1992	790.44	807.30	16.86	
MW-1	6/8/1992	790.89	803.71	12.82	
MW-10	6/8/1992	790.97	805.77	14.80	
MW-11	6/8/1992	790.10	808.06	17.96	
MW-11D	6/8/1992	790.21	808.26	18.05	
MW-2	6/8/1992	790.29	805.44	15.15	
MW-3	6/8/1992	790.57	806.94	16.37	
MW-4	6/8/1992	791.16	805.45	14.29	
MW-4D	6/8/1992	790.87	805.69	14.82	
MW-5	6/8/1992	791.11	806.10	14.99	
MW-6	6/8/1992	790.69	807.15	16.46	
MW-7	6/8/1992	790.58	806.69	16.11	
MW-7D	6/8/1992	790.66	805.70	15.04	
MW-8	6/8/1992	790.73	805.93	15.20	
MW-1	10/26/1992	789.46	803.71	14.25	
MW-10	10/26/1992	789.77	805.77	16.00	
MW-11	10/26/1992	789.21	808.06	18.85	
MW-11D	10/26/1992	789.25	808.26	19.01	
MW-12	10/26/1992	790.59	807.04	16.45	
MW-2	10/26/1992	790.20	805.44	15.24	
MW-3	10/26/1992	789.66	806.94	17.28	
MW-4	10/26/1992	789.65	805.45	15.80	
MW-4D	10/26/1992	789.47	805.69	16.22	
MW-5	10/26/1992	789.58	806.10	16.52	
MW-6	10/26/1992	789.59	807.15	17.56	
MW-7	10/26/1992	789.47	806.69	17.22	
MW-7D	10/26/1992	789.50	805.70	16.20	
MW-8	10/26/1992	789.50	805.93	16.43	
MW-9	10/26/1992	789.37	807.30	17.93	
MW-1	11/4/1992	789.99	803.71	13.72	
MW-10	11/4/1992	790.40	805.77	15.37	
MW-11	11/4/1992	789.38	808.06	18.68	
MW-11D	11/4/1992	789.47	808.26	18.79	
MW-12	11/4/1992	791.03	807.04	16.01	
MW-2	11/4/1992	789.60	805.44	15.84	
MW-3	11/4/1992	789.77	806.94	17.17	
MW-4	11/4/1992	790.71	805.45	14.74	
MW-4D	11/4/1992	790.22	805.69	15.47	
MW-5	11/4/1992	791.00	806.10	15.10	
MW-6	11/4/1992	790.00	807.15	17.15	
MW-7	11/4/1992	789.94	806.69	16.75	
MW-7D	11/4/1992	789.94	805.70	15.76	
MW-8	11/4/1992	790.16	805.93	15.77	
MW-9	11/4/1992	789.81	807.30	17.49	
MW-1	3/25/1993	796.86	803.71	6.85	
MW-10	3/25/1993	797.55	805.77	8.22	
MW-11	3/25/1993	796.84	808.06	11.22	
MW-11D	3/25/1993	796.92	808.26	11.34	
MW-3	3/25/1993	797.71	806.94	9.23	
MW-4	3/25/1993	797.33	805.45	8.12	
MW-4D	3/25/1993	797.06	805.69	8.63	
MW-6	3/25/1993	797.46	807.15	9.69	
MW-7D	3/25/1993	797.05	805.70	8.65	
MW-12	3/26/1993	798.16	807.04	8.88	
MW-2	3/26/1993	796.90	805.44	8.54	
MW-5	3/26/1993	797.39	806.10	8.71	
MW-7	3/26/1993	796.90	806.69	9.79	
MW-8	3/26/1993	797.01	805.93	8.92	
MW-9	3/26/1993	797.03	807.30	10.27	
MW-1	10/29/1993	786.86	803.71	16.85	
MW-10	10/29/1993	787.25	805.77	18.52	
MW-11	10/29/1993	786.76	808.06	21.30	
MW-11D	10/29/1993	786.84	808.26	21.42	
MW-12	10/29/1993	788.09	807.04	18.95	
MW-2	10/29/1993	786.72	805.44	18.72	
MW-3	10/29/1993	787.20	806.94	19.74	
MW-4	10/29/1993	786.96	805.45	18.49	
MW-4D	10/29/1993	786.87	805.69	18.82	
MW-5	10/29/1993	787.15	806.10	18.95	
MW-6	10/29/1993	787.09	807.15	20.06	
MW-7	10/29/1993	787.04	806.69	19.65	
MW-7D	10/29/1993	787.07	805.70	18.63	
MW-8	10/29/1993	787.03	805.93	18.90	
MW-9	10/29/1993	786.90	807.30	20.40	
MW-1	3/7/1994	791.75	803.71	11.96	
MW-10	3/7/1994	792.29	805.77	13.48	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-11	3/7/1994	791.60	808.06	16.46	
MW-11D	3/7/1994	791.68	808.26	16.58	
MW-12	3/7/1994	792.96	807.04	14.08	
MW-2	3/7/1994	791.71	805.44	13.73	
MW-3	3/7/1994	792.19	806.94	14.75	
MW-4	3/7/1994	792.34	805.45	13.11	
MW-4D	3/7/1994	791.99	805.69	13.70	
MW-5	3/7/1994	791.95	806.10	14.15	
MW-6	3/7/1994	792.10	807.15	15.05	
MW-7	3/7/1994	791.78	806.69	14.91	
MW-7D	3/7/1994	791.92	805.70	13.78	
MW-8	3/7/1994	791.93	805.93	14.00	
MW-9	3/7/1994	791.82	807.30	15.48	
MW-1	6/21/1994	790.26	803.71	13.45	
MW-10	6/21/1994	790.29	805.77	15.48	
MW-11	6/21/1994	789.63	808.06	18.43	
MW-11D	6/21/1994	789.71	808.26	18.55	
MW-12	6/21/1994	791.19	807.04	15.85	
MW-2	6/21/1994	789.71	805.44	15.73	
MW-3	6/21/1994	790.05	806.94	16.89	
MW-4	6/21/1994	790.35	805.45	15.10	
MW-4D	6/21/1994	790.19	805.69	15.50	
MW-5	6/21/1994	790.63	806.10	15.47	
MW-6	6/21/1994	790.14	807.15	17.01	
MW-7	6/21/1994	790.10	806.69	16.59	
MW-7D	6/21/1994	790.15	805.70	15.55	
MW-8	6/21/1994	790.16	805.93	15.77	
MW-9	6/21/1994	789.91	807.30	17.39	
MW-1	12/13/1994	790.35	803.71	13.36	
MW-10	12/13/1994	790.33	805.77	15.44	
MW-11	12/13/1994	789.48	808.06	18.58	
MW-11D	12/13/1994	789.56	808.26	18.70	
MW-12	12/13/1994	791.06	807.04	15.98	
MW-2	12/13/1994	789.66	805.44	15.78	
MW-3	12/13/1994	789.80	806.94	17.14	
MW-4	12/13/1994	790.61	805.45	14.84	
MW-4D	12/13/1994	790.33	805.69	15.36	
MW-5	12/13/1994	790.36	806.10	15.74	
MW-6	12/13/1994	789.89	807.15	17.26	
MW-7	12/13/1994	789.91	806.69	16.78	
MW-7D	12/13/1994	790.02	805.70	15.68	
MW-8	12/13/1994	790.08	805.93	15.85	
MW-9	12/13/1994	789.82	807.30	17.48	
MW-1	6/28/1995	791.05	803.71	12.66	
MW-10	6/28/1995	790.91	805.77	14.86	
MW-11	6/28/1995	790.04	808.06	18.02	
MW-11D	6/28/1995	790.12	808.26	18.14	
MW-12	6/28/1995	791.74	807.04	15.30	
MW-2	6/28/1995	789.20	805.44	16.24	
MW-3	6/28/1995	790.39	806.94	16.55	
MW-4	6/28/1995	791.16	805.45	14.29	
MW-4D	6/28/1995	790.95	805.69	14.74	
MW-5	6/28/1995	791.22	806.10	14.88	
MW-6	6/28/1995	790.47	807.15	16.68	
MW-7	6/28/1995	790.55	806.69	16.14	
MW-7D	6/28/1995	790.66	805.70	15.04	
MW-8	6/28/1995	790.71	805.93	15.22	
MW-9	6/28/1995	790.44	807.30	16.86	
MW-1	12/11/1995	793.22	803.71	10.49	
MW-10	12/11/1995	793.19	805.77	12.58	
MW-11	12/11/1995	792.19	808.06	15.87	
MW-11D	12/11/1995	792.29	808.26	15.97	
MW-12	12/11/1995	793.83	807.04	13.21	
MW-2	12/11/1995	792.44	805.44	13.00	
MW-3	12/11/1995	792.52	806.94	14.42	
MW-4	12/11/1995	793.60	805.45	11.85	
MW-4D	12/11/1995	793.21	805.69	12.48	
MW-5	12/11/1995	793.30	806.10	12.80	
MW-6	12/11/1995	792.63	807.15	14.52	
MW-7	12/11/1995	792.65	806.69	14.04	
MW-7D	12/11/1995	792.80	805.70	12.90	
MW-8	12/11/1995	792.89	805.93	13.04	
MW-9	12/11/1995	792.62	807.30	14.68	
MW-1	6/18/1996	791.51	803.71	12.20	
MW-10	6/18/1996	791.21	805.77	14.56	
MW-11	6/18/1996	790.37	808.06	17.69	
MW-11D	6/18/1996	790.45	808.26	17.81	
MW-12	6/18/1996	792.06	807.04	14.98	
MW-13	6/18/1996	789.65	806.49	16.84	
MW-2	6/18/1996	790.55	805.44	14.89	
MW-3	6/18/1996	790.66	806.94	16.28	
MW-4	6/18/1996	791.50	805.45	13.95	
MW-4D	6/18/1996	791.34	805.69	14.35	
MW-5	6/18/1996	791.55	806.10	14.55	
MW-6	6/18/1996	790.77	807.15	16.38	
MW-7	6/18/1996	790.87	806.69	15.82	
MW-7D	6/18/1996	791.02	805.70	14.68	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-8	6/18/1996	791.04	805.93	14.89	
MW-9	6/18/1996	790.70	807.30	16.60	
MW-1	12/10/1996	789.66	803.71	14.05	
MW-10	12/10/1996	789.91	805.77	15.86	
MW-11	12/10/1996	788.82	808.06	19.24	
MW-11D	12/10/1996	788.92	808.26	19.34	
MW-12	12/10/1996	790.39	807.04	16.65	
MW-2	12/10/1996	789.12	805.44	16.32	
MW-3	12/10/1996	789.16	806.94	17.78	
MW-4	12/10/1996	790.23	805.45	15.22	
MW-4D	12/10/1996	789.81	805.69	15.88	
MW-5	12/10/1996	789.85	806.10	16.25	
MW-6	12/10/1996	789.21	807.15	17.94	
MW-7	12/10/1996	789.26	806.69	17.43	
MW-7D	12/10/1996	789.38	805.70	16.32	
MW-8	12/10/1996	789.55	805.93	16.38	
MW-9	12/10/1996	789.26	807.30	18.04	
MW-1	6/18/1997	792.55	803.71	11.16	
MW-10	6/18/1997	792.45	805.77	13.32	
MW-11	6/18/1997	791.70	808.06	16.36	
MW-11D	6/18/1997	791.77	808.26	16.49	
MW-12	6/18/1997	793.29	807.04	13.75	
MW-13	6/18/1997	792.00	806.49	14.49	
MW-2	6/18/1997	791.82	805.44	13.62	
MW-3	6/18/1997	792.02	806.94	14.92	
MW-4	6/18/1997	792.68	805.45	12.77	
MW-4D	6/18/1997	792.49	805.69	13.20	
MW-5	6/18/1997	792.68	806.10	13.42	
MW-6	6/18/1997	792.09	807.15	15.06	
MW-7	6/18/1997	792.17	806.69	14.52	
MW-7D	6/18/1997	792.24	805.70	13.46	
MW-8	6/18/1997	792.30	805.93	13.63	
MW-9	6/18/1997	792.02	807.30	15.28	
MW-1	12/9/1997	789.50	803.71	14.21	
MW-10	12/9/1997	789.71	805.77	16.06	
MW-11	12/9/1997	788.76	808.06	19.30	
MW-11D	12/9/1997	788.98	808.26	19.28	
MW-12	12/9/1997	790.36	807.04	16.68	
MW-13	12/9/1997	789.03	806.49	17.46	
MW-2	12/9/1997	789.12	805.44	16.32	
MW-3	12/9/1997	788.76	806.94	18.18	
MW-4	12/9/1997	789.88	805.45	15.57	
MW-4D	12/9/1997	789.54	805.69	16.15	
MW-5	12/9/1997	789.59	806.10	16.51	
MW-6	12/9/1997	789.24	807.15	17.91	
MW-7	12/9/1997	789.28	806.69	17.41	
MW-7D	12/9/1997	789.34	805.70	16.36	
MW-8	12/9/1997	789.46	805.93	16.47	
MW-9	12/9/1997	789.14	807.30	18.16	
MW-1	8/17/1998	789.61	803.71	14.10	
MW-10	8/17/1998	789.62	805.77	16.15	
MW-11	8/17/1998	789.16	808.06	18.90	
MW-11D	8/17/1998	789.26	808.26	19.00	
MW-12	8/17/1998	790.73	807.04	16.31	
MW-13	8/17/1998	789.47	806.49	17.02	
MW-2	8/17/1998	789.19	805.44	16.25	
MW-4	8/17/1998	789.65	805.45	15.80	
MW-4D	8/17/1998	789.49	805.69	16.20	
MW-5	8/17/1998	790.55	806.10	15.55	
MW-6	8/17/1998	789.70	807.15	17.45	
MW-7	8/17/1998	789.59	806.69	17.10	
MW-7D	8/17/1998	789.60	805.70	16.10	
MW-8	8/17/1998	789.53	805.93	16.40	
MW-9	8/17/1998	789.35	807.30	17.95	
MW-10	12/10/1998	786.74	805.77	19.03	
MW-11	12/10/1998	786.25	808.06	21.81	
MW-11D	12/10/1998	786.31	808.26	21.95	
MW-12	12/10/1998	787.38	807.04	19.66	
MW-13	12/10/1998	786.21	806.49	20.28	
MW-2	12/10/1998	786.19	805.44	19.25	
MW-3	12/10/1998	786.65	806.94	20.29	
MW-4	12/10/1998	786.52	805.45	18.93	
MW-4D	12/10/1998	786.41	805.69	19.28	
MW-5	12/10/1998	786.53	806.10	19.57	
MW-6	12/10/1998	786.40	807.15	20.75	
MW-7	12/10/1998	785.53	806.69	21.16	
MW-7D	12/10/1998	786.06	805.70	19.64	
MW-8	12/10/1998	786.09	805.93	19.84	
MW-9	12/10/1998	786.28	807.30	21.02	
MW-12	6/10/1999	788.31	807.04	18.73	
MW-13	6/10/1999	787.24	806.49	19.25	
MW-2	6/10/1999	787.24	805.44	18.20	
MW-5	6/10/1999	787.77	806.10	18.33	
MW-7	6/10/1999	786.47	806.69	20.22	
MW-7D	6/10/1999	787.11	805.70	18.59	
MW-8	6/10/1999	787.33	805.93	18.60	
MW-9	6/10/1999	787.28	807.30	20.02	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-1	12/14/1999	784.21	803.71	19.50	
MW-10	12/14/1999	784.41	805.77	21.36	
MW-11	12/14/1999	783.98	808.06	24.08	
MW-11D	12/14/1999	784.06	808.26	24.20	
MW-12	12/14/1999	784.11	807.04	22.93	
MW-13	12/14/1999	784.02	806.49	22.47	
MW-2	12/14/1999	783.95	805.44	21.49	
MW-3	12/14/1999	784.47	806.94	22.47	
MW-4	12/14/1999	784.35	805.45	21.10	
MW-4D	12/14/1999	784.17	805.69	21.52	
MW-5	12/14/1999	784.99	806.10	21.11	
MW-6	12/14/1999	784.27	807.15	22.88	
MW-7	12/14/1999	783.79	806.69	22.90	
MW-7D	12/14/1999	784.05	805.70	21.65	
MW-8	12/14/1999	784.00	805.93	21.93	
MW-9	12/14/1999	784.05	807.30	23.25	
MW-1	6/6/2000	786.88	803.71	16.83	
MW-10	6/6/2000	786.99	805.77	18.78	
MW-11	6/6/2000	786.36	808.06	21.70	
MW-11D	6/6/2000	786.40	808.26	21.86	
MW-12	6/6/2000		807.04	81.00	
MW-13	6/6/2000	785.91	806.49	20.58	
MW-2	6/6/2000	786.44	805.44	19.00	
MW-3	6/6/2000	786.79	806.94	20.15	
MW-4	6/6/2000	786.93	805.45	18.52	
MW-4D	6/6/2000	786.73	805.69	18.96	
MW-5	6/6/2000	787.00	806.10	19.10	
MW-6	6/6/2000	786.43	807.15	20.72	
MW-7	6/6/2000	783.62	806.69	23.07	
MW-7D	6/6/2000	784.97	805.70	20.73	
MW-8	6/6/2000	786.18	805.93	19.75	
MW-9	6/6/2000	786.46	807.30	20.84	
MW-1	12/14/2000	783.00	803.71	20.71	
MW-10	12/14/2000	783.34	805.77	22.43	
MW-11	12/14/2000	783.41	808.06	24.65	dry
MW-11D	12/14/2000	785.96	808.26	22.30	
MW-12	12/14/2000	782.99	807.04	24.05	
MW-13	12/14/2000	782.93	806.49	23.56	
MW-2	12/14/2000	782.86	805.44	22.58	
MW-3	12/14/2000	783.37	806.94	23.57	
MW-4	12/14/2000	783.11	805.45	22.34	
MW-4D	12/14/2000	783.06	805.69	22.63	
MW-5	12/14/2000	783.30	806.10	22.80	
MW-6	12/14/2000	783.21	807.15	23.94	
MW-7	12/14/2000	783.14	806.69	23.55	
MW-7D	12/14/2000	783.20	805.70	22.50	
MW-8	12/14/2000	783.08	805.93	22.85	
MW-9	12/14/2000	783.00	807.30	24.30	
MW-1	2/21/2001	783.64	803.71	20.07	
MW-10	2/21/2001	784.09	805.77	21.68	
MW-11	2/21/2001		808.06		dry
MW-11D	2/21/2001	783.19	808.26	25.07	
MW-13	2/21/2001	783.27	806.49	23.22	
MW-2	2/21/2001	783.32	805.44	22.12	
MW-3	2/21/2001	783.51	806.94	23.43	
MW-4	2/21/2001	784.11	805.45	21.34	
MW-4D	2/21/2001	783.74	805.69	21.95	
MW-5	2/21/2001	783.97	806.10	22.13	
MW-6	2/21/2001	783.52	807.15	23.63	
MW-7	2/21/2001	783.40	806.69	23.29	
MW-7D	2/21/2001	783.51	805.70	22.19	
MW-8	2/21/2001	783.56	805.93	22.37	
MW-9	2/21/2001	783.40	807.30	23.90	
MW-1	6/19/2001	782.06	803.71	21.65	
MW-10	6/19/2001	782.74	805.77	23.03	
MW-11	6/19/2001	783.46	808.06	24.60	dry
MW-11D	6/19/2001	782.23	808.26	26.03	
MW-12	6/19/2001	782.04	807.04	25.00	
MW-13	6/19/2001	782.00	806.49	24.49	
MW-2	6/19/2001	782.26	805.44	23.18	
MW-3	6/19/2001	782.42	806.94	24.52	
MW-4	6/19/2001	782.25	805.45	23.20	
MW-4D	6/19/2001	782.10	805.69	23.59	
MW-5	6/19/2001	782.55	806.10	23.55	
MW-6	6/19/2001	782.31	807.15	24.84	
MW-7	6/19/2001	782.29	806.69	24.40	
MW-7D	6/19/2001	782.27	805.70	23.43	
MW-8	6/19/2001	782.29	805.93	23.64	
MW-9	6/19/2001	782.32	807.30	24.98	
MW-1	6/26/2001	784.82	803.71	18.89	
MW-10	6/26/2001	785.24	805.77	20.53	
MW-11	6/26/2001	784.75	808.06	23.31	
MW-11D	6/26/2001	784.78	808.26	23.48	
MW-12	6/26/2001	784.74	807.04	22.30	
MW-13	6/26/2001	784.71	806.49	21.78	
MW-2	6/26/2001	784.73	805.44	20.71	
MW-3	6/26/2001	785.26	806.94	21.68	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-4	6/26/2001	784.98	805.45	20.47	
MW-4D	6/26/2001	784.80	805.69	20.89	
MW-5	6/26/2001	785.53	806.10	20.57	
MW-6	6/26/2001	785.00	807.15	22.15	
MW-7	6/26/2001	783.29	806.69	23.40	
MW-7D	6/26/2001	784.22	805.70	21.48	
MW-8	6/26/2001	784.62	805.93	21.31	
MW-9	6/26/2001	784.80	807.30	22.50	
MW-1	12/10/2001	781.60	803.71	22.11	
MW-10	12/10/2001	782.16	805.77	23.61	
MW-11	12/10/2001	783.46	808.06	24.60	dry
MW-11D	12/10/2001	781.75	808.26	26.51	
MW-12	12/10/2001	781.65	807.04	25.39	
MW-13	12/10/2001	781.59	806.49	24.90	
MW-2	12/10/2001	781.69	805.44	23.75	
MW-3	12/10/2001	782.17	806.94	24.77	
MW-4	12/10/2001	781.73	805.45	23.72	
MW-4D	12/10/2001	781.62	805.69	24.07	
MW-5	12/10/2001	781.98	806.10	24.12	
MW-6	12/10/2001	781.97	807.15	25.18	
MW-7	12/10/2001	780.97	806.69	25.72	
MW-7D	12/10/2001	781.47	805.70	24.23	
MW-8	12/10/2001	781.57	805.93	24.36	
MW-9	12/10/2001	781.73	807.30	25.57	
MW-13-1	3/6/2002	781.44	800.44	19.00	Hard to read
MW-13-2	3/6/2002	784.09	802.06	17.97	
MW-13-3	3/6/2002	784.61	802.70	18.09	
MW-13-3D	3/6/2002	782.84	802.67	19.83	
MW-5	3/6/2002	783.52	806.10	22.58	
MW-13-1	6/20/2002	781.21	800.44	19.23	
MW-13-2	6/20/2002	782.20	802.06	19.86	
MW-13-3	6/20/2002	782.45	802.70	20.25	
MW-13-3D	6/20/2002	782.42	802.67	20.25	was called MW-13-3b in field book
MW-13-4	6/20/2002	782.80	802.38	19.58	
MW-5	6/20/2002	782.48	806.10	23.62	
MW-1	12/13/2002	782.36	803.71	21.35	
MW-10	12/13/2002	784.08	805.77	21.69	
MW-11	12/13/2002		808.06		Dry @ 24.37
MW-11D	12/13/2002	782.98	808.26	25.28	
MW-12	12/13/2002	782.84	807.04	24.20	
MW-13	12/13/2002	782.84	806.49	23.65	
MW-13-1	12/13/2002	780.23	800.44	20.21	
MW-13-2	12/13/2002	782.39	802.06	19.67	
MW-13-3	12/13/2002	783.81	802.70	18.89	
MW-13-4	12/13/2002	784.85	802.38	17.53	
MW-2	12/13/2002	783.12	805.44	22.32	
MW-3	12/13/2002	783.55	806.94	23.39	
MW-4	12/13/2002	783.52	805.45	21.93	
MW-4D	12/13/2002	783.07	805.69	22.62	
MW-5	12/13/2002	783.36	806.10	22.74	
MW-6	12/13/2002	783.33	807.15	23.82	
MW-7	12/13/2002	783.18	806.69	23.51	
MW-7D	12/13/2002	783.17	805.70	22.53	
MW-8	12/13/2002	783.17	805.93	22.76	
MW-9	12/13/2002	783.16	807.30	24.14	
MW-1	6/18/2003	789.51	803.71	14.20	
MW-10	6/18/2003	790.47	805.77	15.30	
MW-11	6/18/2003	789.90	808.06	18.16	
MW-11D	6/18/2003	789.95	808.26	18.31	
MW-12	6/18/2003	789.75	807.04	17.29	
MW-13	6/18/2003	789.72	806.49	16.77	
MW-13-1	6/18/2003	786.12	800.44	14.32	
MW-13-2	6/18/2003	789.33	802.06	12.73	
MW-13-3	6/18/2003	789.99	802.70	12.71	
MW-13-3D	6/18/2003	788.33	802.67	14.34	
MW-13-4	6/18/2003	790.13	802.38	12.25	
MW-2	6/18/2003	789.97	805.44	15.47	
MW-3	6/18/2003	790.47	806.94	16.47	
MW-4	6/18/2003	790.03	805.45	15.42	
MW-4D	6/18/2003	789.66	805.69	16.03	
MW-5	6/18/2003	789.93	806.10	16.17	
MW-6	6/18/2003	790.25	807.15	16.90	
MW-7	6/18/2003	789.88	806.69	16.81	
MW-7D	6/18/2003	789.93	805.70	15.77	
MW-8	6/18/2003	789.85	805.93	16.08	
MW-9	6/18/2003	789.98	807.30	17.32	
MW-1	12/2/2003	787.47	803.71	16.24	
MW-10	12/2/2003	788.08	805.77	17.69	
MW-11	12/2/2003	787.65	808.06	20.41	
MW-11D	12/2/2003	787.71	808.26	20.55	
MW-12	12/2/2003	787.57	807.04	19.47	
MW-13	12/2/2003	787.52	806.49	18.97	
MW-13-1	12/2/2003	785.32	800.44	15.12	
MW-13-2	12/2/2003	787.48	802.06	14.58	
MW-13-3	12/2/2003	788.28	802.70	14.42	
MW-13-3D	12/2/2003	788.42	802.67	14.25	
MW-13-4	12/2/2003	788.47	802.38	13.91	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-2	12/2/2003	787.59	805.44	17.85	
MW-3	12/2/2003	788.07	806.94	18.87	
MW-4	12/2/2003	787.60	805.45	17.85	
MW-4D	12/2/2003	787.66	805.69	18.03	
MW-5	12/2/2003	787.68	806.10	18.42	
MW-6	12/2/2003	787.89	807.15	19.26	
MW-7	12/2/2003	787.80	806.69	18.89	
MW-7D	12/2/2003	787.47	805.70	18.23	
MW-8	12/2/2003	787.65	805.93	18.28	
MW-9	12/2/2003	787.69	807.30	19.61	
MW-1	6/8/2004	786.98	803.71	16.73	
MW-10	6/8/2004	787.49	805.77	18.28	
MW-11	6/8/2004	786.86	808.06	21.20	
MW-11D	6/8/2004	786.92	808.26	21.34	
MW-12	6/8/2004	786.90	807.04	20.14	
MW-13	6/8/2004	786.85	806.49	19.64	
MW-13-1	6/8/2004	785.02	800.44	15.42	
MW-13-2	6/8/2004	787.02	802.06	15.04	
MW-13-3	6/8/2004	787.59	802.70	15.11	
MW-13-3D	6/8/2004	787.42	802.67	15.25	
MW-13-4	6/8/2004	787.73	802.38	14.65	
MW-2	6/8/2004	786.94	805.44	18.50	
MW-3	6/8/2004	787.17	806.94	19.77	
MW-4	6/8/2004	787.09	805.45	18.36	
MW-4D	6/8/2004	787.08	805.69	18.61	
MW-5	6/8/2004	787.26	806.10	18.84	
MW-6	6/8/2004	787.15	807.15	20.00	
MW-7	6/8/2004	787.13	806.69	19.56	
MW-7D	6/8/2004	787.13	805.70	18.57	
MW-8	6/8/2004	787.12	805.93	18.81	
MW-9	6/8/2004	787.03	807.30	20.27	
MW-1	12/1/2004	787.83	803.71	15.88	
MW-10	12/1/2004	789.21	805.77	16.56	
MW-11	12/1/2004	788.01	808.06	20.05	
MW-11D	12/1/2004	788.09	808.26	20.17	
MW-12	12/1/2004	788.05	807.04	18.99	
MW-13	12/1/2004	788.06	806.49	18.43	
MW-13-1	12/1/2004	785.13	800.44	15.31	
MW-13-2	12/1/2004	787.57	802.06	14.49	
MW-13-3	12/1/2004	788.67	802.70	14.03	
MW-13-3D	12/1/2004	788.15	802.67	14.52	
MW-13-4	12/1/2004	789.71	802.38	12.67	
MW-2	12/1/2004	788.28	805.44	17.16	
MW-3	12/1/2004	788.43	806.94	18.51	
MW-4	12/1/2004	788.81	805.45	16.64	
MW-4D	12/1/2004	788.31	805.69	17.38	
MW-5	12/1/2004	788.59	806.10	17.51	
MW-6	12/1/2004	788.45	807.15	18.70	
MW-7	12/1/2004	788.46	806.69	18.23	
MW-7D	12/1/2004	788.45	805.70	17.25	
MW-8	12/1/2004	788.50	805.93	17.43	
MW-9	12/1/2004	788.35	807.30	18.95	
MW-1	6/14/2005	788.84	803.71	14.87	
MW-10	6/14/2005	789.21	805.77	16.56	
MW-11	6/14/2005	788.60	808.06	19.46	
MW-11D	6/14/2005	788.66	808.26	19.60	
MW-12	6/14/2005	788.76	807.04	18.28	
MW-13	6/14/2005	788.70	806.49	17.79	
MW-13-1	6/14/2005	786.45	800.44	13.99	
MW-13-2	6/14/2005	788.95	802.06	13.11	
MW-13-3	6/14/2005	789.45	802.70	13.25	
MW-13-3D	6/14/2005	788.85	802.67	13.82	
MW-13-4	6/14/2005	790.30	802.38	12.08	
MW-2	6/14/2005	788.63	805.44	16.81	
MW-3	6/14/2005	788.96	806.94	17.98	
MW-4	6/14/2005	789.07	805.45	16.38	
MW-4D	6/14/2005	788.88	805.69	16.81	
MW-5	6/14/2005	789.40	806.10	16.70	
MW-6	6/14/2005	788.98	807.15	18.17	
MW-7	6/14/2005	788.95	806.69	17.74	
MW-7D	6/14/2005	788.97	805.70	16.73	
MW-8	6/14/2005	788.92	805.93	17.01	
MW-9	6/14/2005	788.78	807.30	18.52	
MW-1	12/13/2005	785.19	803.71	18.52	
MW-10	12/13/2005	786.59	805.77	19.18	
MW-11	12/13/2005	785.59	808.06	22.47	
MW-11D	12/13/2005	785.62	808.26	22.64	
MW-12	12/13/2005	785.42	807.04	21.62	
MW-13	12/13/2005	785.39	806.49	21.10	
MW-13-1	12/13/2005	782.77	800.44	17.67	
MW-13-2	12/13/2005	785.09	802.06	16.97	
MW-13-3	12/13/2005	785.77	802.70	16.93	
MW-13-3D	12/13/2005	786.31	802.67	16.36	
MW-13-4	12/13/2005	787.07	802.38	15.31	
MW-2	12/13/2005	785.80	805.44	19.64	
MW-3	12/13/2005	786.00	806.94	20.94	
MW-4	12/13/2005	785.95	805.45	19.50	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-4D	12/13/2005	785.54	805.69	20.15	
MW-5	12/13/2005	785.81	806.10	20.29	
MW-6	12/13/2005	785.98	807.15	21.17	
MW-7	12/13/2005	785.57	806.69	21.12	
MW-7D	12/13/2005	785.59	805.70	20.11	
MW-8	12/13/2005	785.60	805.93	20.33	
MW-9	12/13/2005	785.74	807.30	21.56	
MW-1	6/27/2006	785.92	803.71	17.79	
MW-10	6/27/2006	786.60	805.77	19.17	
MW-11	6/27/2006	786.09	808.06	21.97	
MW-11D	6/27/2006	786.16	808.26	22.10	
MW-12	6/27/2006	786.13	807.04	20.91	
MW-13	6/27/2006	786.09	806.49	20.40	
MW-13-1	6/27/2006	783.88	800.44	16.56	
MW-13-2	6/27/2006	786.14	802.06	15.92	
MW-13-3	6/27/2006	787.79	802.70	14.91	
MW-13-3D	6/27/2006	786.71	802.67	15.96	
MW-13-4	6/27/2006	788.51	802.38	13.87	
MW-2	6/27/2006	786.12	805.44	19.32	
MW-3	6/27/2006	786.46	806.94	20.48	
MW-4	6/27/2006	786.29	805.45	19.16	
MW-4D	6/27/2006	786.08	805.69	19.61	
MW-5	6/27/2006	787.17	806.10	18.93	
MW-6	6/27/2006	786.46	807.15	20.69	
MW-7	6/27/2006	786.33	806.69	20.36	
MW-7D	6/27/2006	786.31	805.70	19.39	
MW-8	6/27/2006	785.97	805.93	19.96	
MW-9	6/27/2006	786.19	807.30	21.11	
MW-1	12/19/2006	784.16	803.71	19.55	
MW-10	12/19/2006	785.24	805.77	20.53	
MW-11	12/19/2006	784.91	808.06	23.15	
MW-11D	12/19/2006	784.96	808.26	23.30	
MW-12	12/19/2006	784.62	807.04	22.42	
MW-13	12/19/2006	784.62	806.49	21.87	
MW-13-1	12/19/2006	781.68	800.44	18.76	
MW-13-2	12/19/2006	784.11	802.06	17.95	
MW-13-3	12/19/2006	784.70	802.70	18.00	
MW-13-3D	12/19/2006	784.46	802.67	18.21	
MW-13-4	12/19/2006	785.25	802.38	17.13	
MW-2	12/19/2006	784.85	805.44	20.59	
MW-3	12/19/2006	785.32	806.94	21.62	
MW-4	12/19/2006	784.21	805.45	21.24	
MW-4D	12/19/2006	784.85	805.69	20.84	
MW-5	12/19/2006	784.52	806.10	21.58	
MW-6	12/19/2006	785.13	807.15	22.02	
MW-7	12/19/2006	784.86	806.69	21.83	
MW-7D	12/19/2006	783.85	805.70	21.85	
MW-8	12/19/2006	784.74	805.93	21.19	
MW-9	12/19/2006	784.87	807.30	22.43	
MW-1	6/12/2007	784.60	803.71	19.11	
MW-10	6/12/2007	785.64	805.77	20.13	
MW-11	6/12/2007	785.16	808.06	22.90	
MW-11D	6/12/2007	785.20	808.26	23.06	
MW-12	6/12/2007	784.92	807.04	22.12	
MW-13	6/12/2007	784.90	806.49	21.59	
MW-13-1	6/12/2007	782.17	800.44	18.27	
MW-13-2	6/12/2007	784.66	802.06	17.40	
MW-13-3	6/12/2007	785.13	802.70	17.57	
MW-13-3D	6/12/2007	784.90	802.67	17.77	
MW-13-4	6/12/2007	785.46	802.38	16.92	
MW-2	6/12/2007	785.19	805.44	20.25	
MW-3	6/12/2007	785.44	806.94	21.50	
MW-4	6/12/2007	785.03	805.45	20.42	
MW-4D	6/12/2007	784.86	805.69	20.83	
MW-5	6/12/2007	784.96	806.10	21.14	
MW-6	6/12/2007	785.34	807.15	21.81	
MW-7	6/12/2007	785.29	806.69	21.40	
MW-7D	6/12/2007	785.23	805.70	20.47	
MW-8	6/12/2007	785.18	805.93	20.75	
MW-9	6/12/2007	785.24	807.30	22.06	
MW-1	12/4/2007		803.71		Dry @ 22.78
MW-10	12/4/2007	781.22	805.77	24.55	
MW-11	12/4/2007		808.06		Dry @ 24.40
MW-11D	12/4/2007	780.99	808.26	27.27	
MW-12	12/4/2007	780.72	807.04	26.32	
MW-13	12/4/2007	780.69	806.49	25.80	
MW-13-1	12/4/2007	778.61	800.44	21.83	
MW-13-2	12/4/2007	780.43	802.06	21.63	
MW-13-3	12/4/2007	781.07	802.70	21.63	
MW-13-3D	12/4/2007	780.89	802.67	21.78	
MW-13-4	12/4/2007	781.67	802.38	20.71	
MW-2	12/4/2007	780.84	805.44	24.60	
MW-3	12/4/2007	781.50	806.94	25.44	
MW-4	12/4/2007	780.48	805.45	24.97	
MW-4D	12/4/2007	780.41	805.69	25.28	
MW-5	12/4/2007		806.10		Dry @ 22.46
MW-6	12/4/2007	781.18	807.15	25.97	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-7	12/4/2007	780.98	806.69	25.71	
MW-7D	12/4/2007	780.94	805.70	24.76	
MW-8	12/4/2007	780.81	805.93	25.12	
MW-9	12/4/2007		807.30		Dry @ 26.30
MW-1	6/3/2008	782.02	803.71	21.69	
MW-10	6/3/2008	782.97	805.77	22.80	
MW-11	6/3/2008		808.06		dry
MW-11D	6/3/2008	782.62	808.26	25.64	
MW-12	6/3/2008	782.37	807.04	24.67	
MW-13	6/3/2008	782.36	806.49	24.13	
MW-13-1	6/3/2008	779.97	800.44	20.47	
MW-13-2	6/3/2008	782.14	802.06	19.92	
MW-13-3	6/3/2008	782.87	802.70	19.83	
MW-13-3D	6/3/2008	782.50	802.67	20.17	
MW-13-4	6/3/2008	783.55	802.38	18.83	
MW-2	6/3/2008	782.56	805.44	22.88	
MW-3	6/3/2008	782.98	806.94	23.96	
MW-4	6/3/2008	782.37	805.45	23.08	
MW-4D	6/3/2008	782.22	805.69	23.47	
MW-5	6/3/2008		806.10		dry
MW-6	6/3/2008	782.81	807.15	24.34	
MW-7	6/3/2008	782.59	806.69	24.10	
MW-7D	6/3/2008	782.58	805.70	23.12	
MW-8	6/3/2008	782.46	805.93	23.47	
MW-9	6/3/2008	782.57	807.30	24.73	
MW-1	12/2/2008		803.71		Dry @ 22.80
MW-10	12/2/2008	780.83	805.77	24.94	
MW-11	12/2/2008		808.06		Dry @ 24.40
MW-11D	12/2/2008	780.29	808.26	27.97	
MW-12	12/2/2008	780.09	807.04	26.95	
MW-13	12/2/2008	780.08	806.49	26.41	
MW-13-1	12/2/2008	777.94	800.44	22.50	
MW-13-2	12/2/2008	779.83	802.06	22.23	
MW-13-3	12/2/2008	781.04	802.70	21.66	
MW-13-3D	12/2/2008	780.77	802.67	21.90	
MW-13-4	12/2/2008	781.78	802.38	20.60	
MW-2	12/2/2008	780.23	805.44	25.21	
MW-3	12/2/2008	780.78	806.94	26.16	
MW-4	12/2/2008	780.08	805.45	25.37	
MW-4D	12/2/2008	779.92	805.69	25.77	
MW-5	12/2/2008		806.10		Dry @ 22.90
MW-6	12/2/2008	780.57	807.15	26.58	
MW-7	12/2/2008	780.11	806.69	26.58	
MW-7D	12/2/2008	780.12	805.70	25.58	
MW-8	12/2/2008	780.10	805.93	25.83	
MW-9	12/2/2008		807.30		Dry @ 26.29
MW-1	6/23/2009	784.48	803.71	19.23	
MW-10	6/23/2009	785.70	805.77	20.07	
MW-11	6/23/2009	785.15	808.06	22.91	
MW-11D	6/23/2009	785.20	808.26	23.06	
MW-12	6/23/2009	784.96	807.04	22.08	
MW-13	6/23/2009	784.96	806.49	21.53	
MW-13-1	6/23/2009	781.92	800.44	18.52	
MW-13-2	6/23/2009	784.60	802.06	17.46	
MW-13-3	6/23/2009	785.57	802.70	17.13	
MW-13-3D	6/23/2009	785.13	802.67	17.54	
MW-13-4	6/23/2009	786.50	802.38	15.88	
MW-2	6/23/2009	785.19	805.44	20.25	
MW-3	6/23/2009	785.65	806.94	21.29	
MW-4	6/23/2009	785.03	805.45	20.42	
MW-4D	6/23/2009	784.77	805.69	20.92	
MW-5	6/23/2009	785.29	806.10	20.81	
MW-6	6/23/2009	785.50	807.15	21.65	
MW-7	6/23/2009	785.21	806.69	21.48	
MW-7D	6/23/2009	785.18	805.70	20.52	
MW-8	6/23/2009	785.06	805.93	20.87	
MW-9	6/23/2009	785.20	807.30	22.10	
MW-1	12/1/2009	783.78	803.71	19.93	
MW-10	12/1/2009	784.56	805.77	21.21	
MW-11	12/1/2009	784.55	808.06	23.51	
MW-11D	12/1/2009	784.59	808.26	23.67	
MW-12	12/1/2009	784.32	807.04	22.72	
MW-13	12/1/2009	784.31	806.49	22.18	
MW-13-1	12/1/2009	781.62	800.44	18.82	
MW-13-2	12/1/2009	783.84	802.06	18.22	
MW-13-3	12/1/2009	784.90	802.70	17.80	
MW-13-3D	12/1/2009	784.24	802.67	18.43	
MW-13-4	12/1/2009	785.87	802.38	16.51	
MW-2	12/1/2009	784.74	805.44	20.70	
MW-3	12/1/2009	785.17	806.94	21.77	
MW-4	12/1/2009	784.70	805.45	20.75	
MW-4D	12/1/2009	784.22	805.69	21.47	
MW-5	12/1/2009	784.63	806.10	21.47	
MW-6	12/1/2009	784.93	807.15	22.22	
MW-7	12/1/2009	784.45	806.69	22.24	
MW-7D	12/1/2009	784.46	805.70	21.24	
MW-8	12/1/2009	784.42	805.93	21.51	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-9	12/1/2009	784.64	807.30	22.66	
MW-1	3/30/2011	785.67	803.71	18.04	
MW-10	3/30/2011	786.70	805.77	19.07	
MW-11	3/30/2011	786.45	808.06	21.61	
MW-11D	3/30/2011	786.48	808.26	21.78	
MW-12	3/30/2011	786.12	807.04	20.92	
MW-13	3/30/2011	786.17	806.49	20.32	
MW-13-1	3/30/2011	783.53	800.44	16.91	
MW-13-2	3/30/2011	785.28	802.06	16.78	
MW-13-3	3/30/2011	786.46	802.70	16.24	
MW-13-3D	3/30/2011	785.79	802.67	16.88	
MW-13-4	3/30/2011	787.21	802.38	15.17	
MW-2	3/30/2011	786.43	805.44	19.01	
MW-3	3/30/2011	786.96	806.94	19.98	
MW-4	3/30/2011	786.63	805.45	18.82	
MW-4D	3/30/2011	785.98	805.69	19.71	
MW-5	3/30/2011	786.28	806.10	19.82	
MW-6	3/30/2011	786.75	807.15	20.40	
MW-7	3/30/2011	786.22	806.69	20.47	
MW-7D	3/30/2011	786.38	805.70	19.32	
MW-8	3/30/2011	786.28	805.93	19.65	
MW-9	3/30/2011	786.47	807.30	20.83	
MW-1	8/10/2011	784.18	803.71	19.53	
MW-10	8/10/2011	785.07	805.77	20.70	
MW-11	8/10/2011	785.02	808.06	23.04	
MW-11D	8/10/2011	785.05	808.26	23.21	
MW-12	8/10/2011	784.74	807.04	22.30	
MW-13	8/10/2011	784.73	806.49	21.76	
MW-2	8/10/2011	784.90	805.44	20.54	
MW-3	8/10/2011	785.63	806.94	21.31	
MW-4	8/10/2011	784.40	805.45	21.05	
MW-4D	8/10/2011	784.34	805.69	21.35	
MW-5	8/10/2011	785.03	806.10	21.07	
MW-6	8/10/2011	785.40	807.15	21.75	
MW-7	8/10/2011	784.98	806.69	21.71	
MW-7D	8/10/2011	785.01	805.70	20.69	
MW-8	8/10/2011	784.88	805.93	21.05	
MW-9	8/10/2011	784.96	807.30	22.34	
MW-1	10/9/2012	782.09	803.71	21.62	
MW-10	10/9/2012	782.82	805.77	22.95	
MW-11	10/9/2012		808.06		Dry
MW-11D	10/9/2012	782.86	808.26	25.40	
MW-12	10/9/2012	782.63	807.04	24.41	
MW-13	10/9/2012	782.61	806.49	23.88	
MW-2	10/9/2012	782.67	805.44	22.77	
MW-3	10/9/2012	783.47	806.94	23.47	
MW-4	10/9/2012	782.26	805.45	23.19	
MW-4D	10/9/2012	782.19	805.69	23.50	
MW-5	10/9/2012	783.10	806.10	23.00	
MW-6	10/9/2012	783.22	807.15	23.93	
MW-7	10/9/2012	782.70	806.69	23.99	
MW-7D	10/9/2012	782.81	805.70	22.89	
MW-8	10/9/2012	782.64	805.93	23.29	
MW-9	10/9/2012	782.74	807.30	24.56	
MW-1	6/12/2013	784.63	803.71	19.08	
MW-10	6/12/2013	785.69	805.77	20.08	
MW-11	6/12/2013	785.23	808.06	22.83	
MW-11D	6/12/2013	785.28	808.26	22.98	
MW-12	6/12/2013	785.08	807.04	21.96	
MW-13	6/12/2013	785.06	806.49	21.43	
MW-13-1	6/12/2013	782.62	800.44	17.82	
MW-13-2	6/12/2013	784.69	802.06	17.37	
MW-13-3	6/12/2013	785.57	802.70	17.13	
MW-13-3D	6/12/2013	785.34	802.67	17.33	
MW-13-4	6/12/2013	786.72	802.38	15.66	
MW-2	6/12/2013	785.30	805.44	20.14	
MW-3	6/12/2013	785.73	806.94	21.21	
MW-4	6/12/2013	785.43	805.45	20.02	
MW-4D	6/12/2013	784.98	805.69	20.71	
MW-5	6/12/2013	785.58	806.10	20.52	
MW-6	6/12/2013	785.66	807.15	21.49	
MW-7	6/12/2013	785.09	806.69	21.60	
MW-7D	6/12/2013	785.27	805.70	20.43	
MW-8	6/12/2013	785.14	805.93	20.79	
MW-9	6/12/2013	785.29	807.30	22.01	
MW-1	12/9/2014	783.78	803.71	19.93	
MW-2	12/9/2014	784.36	805.44	21.08	
MW-3	12/9/2014	785.03	806.94	21.91	
MW-4	12/9/2014	784.18	805.39	21.21	
MW-4D	12/9/2014	784.03	805.69	21.66	
MW-5	12/9/2014	784.39	806.10	21.71	
MW-6	12/9/2014	784.85	807.15	22.30	
MW-7	12/9/2014	784.65	806.73	22.08	
MW-7D	12/9/2014	784.59	805.70	21.11	
MW-8	12/9/2014	784.46	805.93	21.47	
MW-9	12/9/2014	784.46	807.30	22.84	
MW-10	12/9/2014	784.40	805.38	20.98	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-11	12/9/2014	784.42	808.06	23.64	
MW-11D	12/9/2014	784.47	808.26	23.79	
MW-12	12/9/2014	784.27	807.04	22.77	
MW-13	12/9/2014	784.24	806.49	22.25	
MW-13-1	12/9/2014	783.53	800.44	16.91	
MW-13-2	12/9/2014	785.28	802.06	16.78	
MW-13-3	12/9/2014	786.46	802.70	16.24	
MW-13-3D	12/9/2014	785.79	802.67	16.88	
MW-13-4	12/9/2014	787.21	802.38	15.17	
MW-13-5	12/9/2014	782.44	804.96	22.52	
MW-13-6	12/9/2014	782.16	803.77	21.61	
MW-1	9/2/2015	782.19	803.71	21.52	
MW-2	9/2/2015	783.10	805.44	22.34	
MW-3	9/2/2015	783.94	806.94	23.00	
MW-4	9/2/2015	782.44	805.39	22.95	
MW-4D	9/2/2015	782.36	805.69	23.33	
MW-5	9/2/2015	782.90	806.10	23.20	
MW-6	9/2/2015	783.55	807.15	23.60	
MW-7	9/2/2015	783.29	806.73	23.44	
MW-7D	9/2/2015	783.11	805.70	22.59	
MW-8	9/2/2015	782.99	805.93	22.94	
MW-9	9/2/2015	783.13	807.30	24.17	
MW-10	9/2/2015	783.01	805.38	22.37	
MW-11	9/2/2015		808.06		
MW-11D	9/2/2015	783.29	808.26	24.97	
MW-12	9/2/2015	782.86	807.04	24.18	
MW-13	9/2/2015	782.76	806.49	23.73	
MW-14	9/2/2015	782.14	810.46	28.32	
MW-13-1	9/2/2015	781.33	800.44	19.11	
MW-13-2	9/2/2015	782.65	802.06	19.41	
MW-13-3	9/2/2015	783.54	802.70	19.16	
MW-13-3D	9/2/2015	783.14	802.67	19.53	
MW-13-4	9/2/2015	784.35	802.38	18.03	
MW-13-5	9/2/2015	781.30	804.96	23.66	
MW-13-6	9/2/2015	781.23	803.77	22.54	
MW-13-7	9/2/2015	781.13	799.84	18.71	
MW-1	6/7/2016	787.59	803.71	16.12	
MW-2	6/7/2016	788.22	805.44	17.22	
MW-3	6/7/2016	788.95	806.94	17.99	
MW-4	6/7/2016	787.90	805.39	17.49	
MW-4D	6/7/2016	787.80	805.69	17.89	
MW-5	6/7/2016	788.20	806.10	17.90	
MW-6	6/7/2016	788.77	807.15	18.38	
MW-7	6/7/2016	788.50	806.73	18.23	
MW-7D	6/7/2016	788.39	805.70	17.31	
MW-8	6/7/2016	788.22	805.93	17.71	
MW-9	6/7/2016	788.31	807.30	18.99	
MW-10	6/7/2016	788.21	805.38	17.17	
MW-11	6/7/2016	788.33	808.06	19.73	
MW-11D	6/7/2016	788.38	808.26	19.88	
MW-12	6/7/2016	788.12	807.04	18.92	
MW-13	6/7/2016	788.11	806.49	18.38	
MW-14	6/7/2016	787.46	810.46	23.00	
MW-13-1	6/7/2016	786.12	800.44	14.32	
MW-13-2	6/7/2016	787.80	802.06	14.26	
MW-13-3	6/7/2016	788.52	802.70	14.18	
MW-13-3D	6/7/2016	788.17	802.67	14.50	
MW-13-4	6/7/2016	789.27	802.38	13.11	
MW-13-5	6/7/2016	786.27	804.96	18.69	
MW-13-6	6/7/2016	786.03	803.77	17.74	
MW-13-7	6/7/2016	785.87	799.84	13.97	
MW-1	3/7/2017	783.37	803.71	20.34	
MW-2	3/7/2017	784.22	805.44	21.22	
MW-3	3/7/2017	785.38	806.94	21.56	
MW-4	3/7/2017	783.72	805.39	21.67	
MW-4D	3/7/2017	783.64	805.69	22.05	
MW-5	3/7/2017	784.01	806.10	22.09	
MW-6	3/7/2017	784.87	807.15	22.28	
MW-7	3/7/2017	784.41	806.73	22.32	
MW-7D	3/7/2017	784.31	805.70	21.39	
MW-8	3/7/2017	784.07	805.93	21.86	
MW-9	3/7/2017	784.28	807.30	23.02	
MW-10	3/7/2017	784.10	805.38	21.28	
MW-11	3/7/2017	784.52	808.06	23.54	
MW-11D	3/7/2017	784.57	808.26	23.69	
MW-12	3/7/2017	784.14	807.04	22.90	
MW-13	3/7/2017	784.17	806.49	22.32	
MW-14	3/7/2017	783.26	810.46	27.20	
MW-13-1	3/7/2017	782.10	800.44	18.34	
MW-13-2	3/7/2017	783.55	802.06	18.51	
MW-13-3	3/7/2017	784.33	802.70	18.37	
MW-13-3D	3/7/2017	784.12	802.67	18.55	
MW-13-4	3/7/2017	785.09	802.38	17.29	
MW-13-5	3/7/2017	782.21	804.96	22.75	
MW-13-6	3/7/2017	781.96	803.77	21.81	
MW-13-7	3/7/2017	781.86	799.84	17.98	
MW-1	6/16/2020	789.93	803.71	13.78	

Table C-1
Summary of Water Level Data, Station 150, Mooresville, NC

Well ID	Date	Water Level Elevation (feet, MSL)	Measuring Point Elevation (2002) (Feet, MSL)	Depth to Water (feet)	Comment
MW-2	6/16/2020	791.01	805.44	14.43	
MW-3	6/16/2020	791.97	806.94	14.97	
MW-4	6/16/2020	790.41	805.39	14.98	
MW-4D	6/16/2020	790.23	805.69	15.46	
MW-5	6/16/2020	790.86	806.10	15.24	
MW-6	6/16/2020	793.27	807.15	13.88	
MW-7	6/16/2020	791.03	806.73	15.70	
MW-7D	6/16/2020	790.99	805.70	14.71	
MW-8	6/16/2020	790.80	805.93	15.13	
MW-9	6/16/2020	791.10	807.30	16.20	
MW-10	6/16/2020	790.96	805.38	14.42	
MW-11	6/16/2020	792.90	808.06	15.16	
MW-11D	6/16/2020	792.87	808.26	15.39	
MW-12	6/16/2020	790.81	807.04	16.23	
MW-13	6/16/2020	790.84	806.49	15.65	
MW-14	6/16/2020	789.44	810.46	21.02	
MW-13-1	6/16/2020	783.59	800.44	16.85	
MW-13-2	6/16/2020	790.49	802.06	11.57	
MW-13-3	6/16/2020	786.93	802.70	15.77	
MW-13-3D	6/16/2020	791.29	802.67	11.38	
MW-13-4	6/16/2020	786.27	802.38	16.11	
MW-13-5	6/16/2020	788.51	804.96	16.45	
MW-13-6	6/16/2020	789.62	803.77	14.15	
MW-13-7	6/16/2020	788.02	799.84	11.82	

Note - Water level elevations are based on measuring point elevations surveyed in 2002.

Appendix D

Water Quality Data – Laboratory Results

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-1	8/18/1988	Acetone	7.5	ug/l	ju	7.5		radian	
MW-1	6/9/1992	Acetone	100	ug/l	u	100		IEA	
MW-1	11/5/1992	Barium	0.219	mg/L	v	200		Envirotech	
MW-1	6/9/1992	Benzene	5	ug/l	u	5		IEA	
MW-1	11/5/1992	Benzene	5	ug/l	u	5		Envirotech	
MW-1	11/5/1992	bis(2-Ethylhexyl)phthalate	10	ug/l	u	10		Envirotech	
MW-1	11/5/1992	Cadmium	5	ug/l	u	5		Envirotech	
MW-1	6/9/1992	Carbon disulfide	5	ug/l	u	5		IEA	
MW-1	8/18/1988	Chloride	3.40	mg/l	v			radian	
MW-1	6/9/1992	Chloroform	5	ug/l	u	5		IEA	
MW-1	11/5/1992	Chloroform	5	ug/l	u	5		Envirotech	
MW-1	11/5/1992	Chromium	17.8	ug/l	v	10		Envirotech	
MW-1	11/5/1992	Dissolved Barium	200	ug/l	u	200		Envirotech	
MW-1	11/5/1992	Dissolved Cadmium	5	ug/l	u	5		Envirotech	
MW-1	11/5/1992	Dissolved Chromium	10	ug/l	u	10		Envirotech	
MW-1	11/5/1992	Dissolved Iron	100	ug/l	u	100		Envirotech	
MW-1	3/30/2011	Dissolved Iron	<0.1	mg/l	u	0.1			L508799-01
MW-1	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-01
MW-1	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-01
MW-1	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-01
MW-1	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-01
MW-1	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-01
MW-1	11/5/1992	Dissolved Lead	3	ug/l	u	3		Envirotech	
MW-1	11/5/1992	Dissolved Manganese	15	ug/l	u	15		Envirotech	
MW-1	3/30/2011	Dissolved Manganese	<0.01	mg/l	u				L508799-01
MW-1	12/9/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-01
MW-1	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-01
MW-1	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-01
MW-1	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-01
MW-1	6/17/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-01
MW-1	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-1	3/30/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L508799-01
MW-1	3/30/2011	Ferrous Fe	0	mg/l					L508799-01
MW-1	11/5/1992	Iron	7380	ug/l	v	100		Envirotech	
MW-1	3/30/2011	Iron	1.2	mg/l					L508799-01
MW-1	8/18/1988	Laboratory conductivity	790	umhos/cm	v			radian	
MW-1	8/18/1988	Laboratory pH	11.7	s. u.	v			radian	
MW-1	11/5/1992	Lead	4.80	ug/l	v	3		Envirotech	
MW-1	11/5/1992	Manganese	347	ug/l	v	15		Envirotech	
MW-1	3/30/2011	Manganese	0.034	mg/l					L508799-01
MW-1	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-1	6/9/1992	Methyl ethyl ketone	100	ug/l	u	100		IEA	
MW-1	6/9/1992	Methylene chloride	5	ug/l	u	5		IEA	
MW-1	11/5/1992	Methylene chloride	5	ug/l	u	5		Envirotech	
MW-1	11/5/1992	Naphthalene (SVOA)	10	ug/l	u	10		Envirotech	
MW-1	3/30/2011	Nitrate	0.23	mg/l					L508799-01
MW-1	3/30/2011	Nitrite	<0.1	mg/l	u				L508799-01
MW-1	3/30/2011	pH	6.6	s. u.					L508799-01
MW-1	3/30/2011	Sulfate	25.0	mg/l					L508799-01
MW-1	3/30/2011	Sulfide	<0.05	mg/l	u				L508799-01
MW-1	12/9/2014	Total Iron	1.7	mg/L					L738573-01
MW-1	9/2/2015	Total Iron	2.46	mg/L					L787147-01
MW-1	6/7/2016	Total Iron	<0.1	mg/L	u	0.1			L840417-01
MW-1	3/7/2017	Total Iron	0.53	mg/L					L894955-01
MW-1	6/17/2020	Total Iron	0.104	mg/L					L1231176-01
MW-1	12/9/2014	Total Manganese	0.1	mg/L					L738573-01
MW-1	9/2/2015	Total Manganese	0.059	mg/L					L787147-01
MW-1	6/7/2016	Total Manganese	<0.005	mg/L	u	0.005			L840417-01
MW-1	3/7/2017	Total Manganese	0.00946	mg/L					L894955-01
MW-1	6/17/2020	Total Manganese	<0.005	mg/L	u	0.005			L1231176-01
MW-1	8/18/1988	Total organic carbon	1	mg/l	v			radian	
MW-1	3/30/2011	Total Organic Carbon	<1.0	mg/l	u				L508799-01
MW-1	3/30/2011	Total Suspended Solids	36.0	mg/l					L508799-01
MW-2	12/15/1999	1,1,1-Trichloroethane	5	ug/l	u	5	8260B	SPLAF	9912941-01
MW-2	12/13/2002	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,1,1-Trichloroethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	1,1,1-Trichloroethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	1,1,2,2,-Tetrachloroethane	5	ug/l	u	5	8260B	SPLAF	9912941-01
MW-2	12/13/2002	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,1,2,2,-Tetrachloroethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	1,1,2,2,-Tetrachloroethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,1,2,2,-Tetrachloroethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,1,2,2,-Tetrachloroethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,1,2,2,-Tetrachloroethane	<1.0	ug/L	u	1			L662184-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/1/2009	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	1,1,2-Trichloroethane	5	ug/l	u	5	8260 B	SPLLAF	9912941-01
MW-2	12/13/2002	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,1,2-Trichloroethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	1,1,2-Trichloroethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	1,1-Dichloroethane	5	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	1,1-Dichloroethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,1-Dichloroethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	1,1-Dichloroethane	5	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	1,1-Dichloroethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,1-Dichloroethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	1,2,3-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	1,2,4-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	1,2-Dibromo-3-Chloropropane	<5 UJ	ug/l	UJ		8260 B		L434468-08
MW-2	10/9/2012	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L662184-08
MW-2	10/8/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L662184-06
MW-2	12/1/2009	1,2-Dibromoethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,2-Dibromoethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,2-Dibromoethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	1,2-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L662184-06
MW-2	8/17/1988	1,2-Dichloroethane	2.80	ug/l	u	2.80		radian	
MW-2	11/21/1988	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	2/22/1989	1,2-Dichloroethane	1.10	ug/l	jv	2.800		Radian	
MW-2	5/24/1989	1,2-Dichloroethane	2.00	ug/l	u	2		Radian	
MW-2	9/6/1989	1,2-Dichloroethane	5.00	ug/l	u	5		Radian	
MW-2	11/16/1989	1,2-Dichloroethane	5.00	ug/l	u	5		Radian	
MW-2	12/12/1989	1,2-Dichloroethane	2.80	ug/l	u	2.80			
MW-2	3/13/1990	1,2-Dichloroethane	2.80	ug/l	u	2.80		Radian	
MW-2	6/12/1990	1,2-Dichloroethane	2.80	ug/l	u	2.80		Radian	
MW-2	9/12/1990	1,2-Dichloroethane	2.80	ug/l	u	2.80		Radian	
MW-2	12/5/1990	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	3/6/1991	1,2-Dichloroethane	5.00	ug/l	u	5		IEA	
MW-2	6/5/1991	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	9/5/1991	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	1/20/1992	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	11/5/1992	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	3/26/1993	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	10/29/1993	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	3/7/1994	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	6/21/1994	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	12/13/1994	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	6/28/1995	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	12/11/1995	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	6/18/1996	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	12/10/1996	1,2-Dichloroethane	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1997	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	12/9/1997	1,2-Dichloroethane	5.00	ug/l	u	5			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	8/19/1998	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	12/10/1998	1,2-Dichloroethane	5.00	ug/l	u	5			
MW-2	12/15/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	1,2-Dichloroethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	1,2-Dichloroethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	1,2-Dichloroethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	1,2-Dichloroethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	1,2-Dichloroethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	1,2-Dichloroethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,2-Dichloroethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	1,2-Dichloroethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,2-Dichloroethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,2-Dichloroethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	1,2-Dichloroethane (total)	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	1,2-Dichloroethane (total)	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,2-Dichloroethane (total)	<5	ug/l	u		8260 B		08120127-07
MW-2	12/15/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/4/2007	1,2-Dichloropropane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	1,2-Dichloropropane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	1,2-Dichloropropane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,2-Dichloropropane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,2-Dichloropropane	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	1,3-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	1,4-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L662184-06
MW-2	12/13/2002	2-Butanone	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	2-Butanone	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	2-Butanone	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	2-Butanone	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	2-Butanone	ND UJ	ug/l	UJ		8260 B		06121018-08
MW-2	12/4/2007	2-Butanone	ND J	ug/l	j		8260 B		07120184-07
MW-2	12/2/2008	2-Butanone	<20	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	2-Butanone (MEK)	<10 R	ug/l	R		8260 B		L434468-08
MW-2	10/9/2012	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	2-Butanone (MEK)	<10.0	ug/L	u	10			L662184-08
MW-2	10/8/2013	2-Butanone (MEK)	<10.0	ug/L	u	10			L662184-06
MW-2	12/15/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	2-Hexanone	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	2-Hexanone	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	2-Hexanone	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	2-Hexanone	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	2-Hexanone	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	2-Hexanone	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	2-Hexanone	<10	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	2-Hexanone	<10	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	2-Hexanone	<10.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	2-Hexanone	<10.0	ug/L	u	10			L662184-08
MW-2	10/8/2013	2-Hexanone	<10.0	ug/L	u	10			L662184-06
MW-2	12/15/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	4-Methyl-2-pentanone	<10 J	ug/l	j		8260 B		08120127-07
MW-2	12/1/2009	4-Methyl-2-pentanone	<10	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L662184-08
MW-2	10/8/2013	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L662184-06
MW-2	8/17/1988	Acetone	7.50	ug/l	u	7.5		radian	
MW-2	11/21/1988	Acetone	100.00	ug/l	u	100			
MW-2	2/22/1989	Acetone	3.50	ug/l	jv	7.5		Radian	
MW-2	5/24/1989	Acetone	25.00	ug/l	u	25		Radian	
MW-2	9/6/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-2	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-2	12/12/1989	Acetone	32.80	ug/l	bv	10		Radian	
MW-2	3/13/1990	Acetone	5.50	ug/l	jvb	10		Radian	
MW-2	6/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-2	9/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-2	12/5/1990	Acetone	100.00	ug/l	u	100		IEA	
MW-2	3/6/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-2	6/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-2	9/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-2	1/20/1992	Acetone	100.00	ug/l	u	100		IEA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	3/26/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	10/29/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	6/21/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	6/28/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-2	12/9/1997	Acetone	12.40	ug/l	v	10		UHL	
MW-2	8/19/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-2	12/10/1998	Acetone	10.00	ug/l	u	10			
MW-2	12/15/1999	Acetone	100.00	ug/l	u	100	8260B	SPLLAFF	9912941-01
MW-2	12/13/2002	Acetone	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Acetone	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Acetone	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Acetone	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Acetone	ND R	ug/l	u R		8260 B		06121018-08
MW-2	12/4/2007	Acetone	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Acetone	<100 R	ug/l	R		8260 B		08120127-07
MW-2	12/1/2009	Acetone	<50	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Acetone	<50.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Acetone	<50.0	ug/L	u	50			L662184-08
MW-2	10/8/2013	Acetone	<50.0	ug/L	u	50			L662184-06
MW-2	11/21/1988	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-2	2/22/1989	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-2	5/24/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-2	9/6/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-2	12/12/1989	Arsenic	0.0020	mg/l	u	0.002		Radian	
MW-2	3/13/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-2	6/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-2	9/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-2	12/5/1990	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-2	3/6/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-2	6/5/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-2	11/21/1988	Barium	0.010	ug/L	u	0.01		Radian	
MW-2	2/22/1989	Barium	0.020	mg/L	v			Radian	
MW-2	5/24/1989	Barium	0.028	mg/l	v	0.002		Radian	
MW-2	9/6/1989	Barium	0.033	mg/l	v	0.002		Radian	
MW-2	12/12/1989	Barium	0.072	mg/l	v	0.01		Radian	
MW-2	3/13/1990	Barium	0.022	mg/l	v	0.01		Radian	
MW-2	6/12/1990	Barium	0.032	mg/l	v	0.002		Radian	
MW-2	9/12/1990	Barium	0.049	mg/l	v	0.002		Radian	
MW-2	12/5/1990	Barium	0.100	mg/l	u	0.10		IEA	
MW-2	3/6/1991	Barium	0.100	mg/l	u	0.10		IEA	
MW-2	6/5/1991	Barium	0.100	mg/l	u	0.10		IEA	
MW-2	1/20/1992	Barium	0.100	mg/l	u	0.10		IEA	
MW-2	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	3/26/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/28/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-2	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-2	8/19/1998	Barium	200.00	ug/l	u	200		UHL	
MW-2	12/10/1998	Barium	200.00	ug/l	u	200		UHL	
MW-2	12/15/1999	Barium	0.028	mg/l	v	0.01	6010B	SPLLAFF	9912941-01
MW-2	12/14/2000	Barium	0.015	ppm			SW-846 6010		
MW-2	12/10/2001	Barium	0.023	mg/l			SW-846 6010		
MW-2	12/13/2002	Barium	0.021	mg/l			6010 B		02120518-04
MW-2	12/2/2003	Barium	0.0174 U	mg/l	u		6010 B		03120155-01
MW-2	12/1/2004	Barium	0.026	mg/l			6010 B		04120075-07
MW-2	12/13/2005	Barium	0.0203 J	mg/l	j		6010 B		05120626-07
MW-2	12/19/2006	Barium	0.0176 J	mg/l	j		6010 B		06121018-08
MW-2	12/4/2007	Barium	0.0174 J	mg/l	j		6020 A		07120184-07
MW-2	12/2/2008	Barium	0.0152 J	mg/l	j		6020 A		08120127-07
MW-2	12/1/2009	Barium	0.013	mg/l			6010 B/6020 B		L434468-08
MW-2	10/9/2012	Barium	0.011	mg/l			6010 B/6020 B		L600034-08
MW-2	2/22/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-2	5/24/1989	Benzene	2.00	ug/l	u	2		Radian	
MW-2	9/6/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-2	11/16/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-2	12/12/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-2	3/13/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-2	6/12/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-2	9/12/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-2	12/5/1990	Benzene	5.00	ug/l	u	5		IEA	
MW-2	3/6/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-2	6/5/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-2	9/5/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-2	1/20/1992	Benzene	5.00	ug/l	u	5		IEA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	11/5/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	3/26/1993	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	10/29/1993	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	3/7/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	6/21/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	12/13/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	6/28/1995	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	12/11/1995	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1996	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	12/10/1996	Benzene	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-2	12/9/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-2	8/19/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-2	6/10/1999	Benzene	1.00	ug/l	u	1		Pace	
MW-2	12/15/1999	Benzene	1.00	ug/l	u	1	8260B	SPLLAF	9912941-01
MW-2	6/6/2000	Benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-01
MW-2	12/14/2000	Benzene	< 1	ppb	u		SW-846 8260		
MW-2	6/25/2001	Benzene	<1	ug/l	u		SW-846 8021		
MW-2	12/10/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-2	6/19/2002	Benzene	<0.05	ug/l	u		SW-846 8021		
MW-2	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-04
MW-2	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-07
MW-2	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-01
MW-2	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-07
MW-2	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-07
MW-2	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-07
MW-2	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-07
MW-2	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-2	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-08
MW-2	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-06
MW-2	12/4/2007	Benzene	ND	ug/l	u		8260 B		07120184-07
MW-2	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-07
MW-2	12/2/2008	Benzene	<1	ug/l	u		8260 B		08120127-07
MW-2	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-06
MW-2	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-08
MW-2	8/10/2011	Benzene	< 1	ug/l	u		8021 B		L530497-01
MW-2	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-06
MW-2	2/22/1989	bis(2-Ethylhexyl)phthalate	58.00	ug/l	v	10		Radian	
MW-2	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-2	3/6/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-2	9/5/1991	bis(2-Ethylhexyl)phthalate	14.00	ug/l	v	10		IEA	
MW-2	1/20/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	3/26/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	10/29/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	3/7/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	6/21/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	12/13/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	6/28/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	12/11/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	12/10/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1997	bis(2-Ethylhexyl)phthalate	10.20	ug/l	u	10.20		UHL	
MW-2	12/9/1997	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-2	8/19/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-2	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-2	6/10/1999	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-2	12/1/2009	Bromochloromethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Bromochloromethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Bromochloromethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Bromochloromethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Bromodichloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Bromodichloromethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Bromodichloromethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Bromodichloromethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Bromodichloromethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Bromodichloromethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Bromodichloromethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Bromodichloromethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Bromodichloromethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Bromodichloromethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Bromodichloromethane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Bromodichloromethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Bromoform	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Bromoform	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Bromoform	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Bromoform	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Bromoform	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Bromoform	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Bromoform	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Bromoform	<1 UJ	ug/l	UJ		8260 B		L434468-08
MW-2	10/9/2012	Bromoform	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Bromoform	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Bromoform	<1.0	ug/L	u	1			L662184-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/15/1999	Bromomethane	10.00	ug/l	u	10	8260B	SPLLA	9912941-01
MW-2	12/13/2002	Bromomethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Bromomethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Bromomethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Bromomethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Bromomethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Bromomethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Bromomethane	<10	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Bromomethane	<5	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Bromomethane	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Bromomethane	<5.0	ug/L	u	5			L662184-08
MW-2	10/8/2013	Bromomethane	<5.0	ug/L	u	5			L662184-06
MW-2	11/21/1988	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-2	2/22/1989	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-2	5/24/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-2	9/6/1989	Cadmium	0.009	mg/l	v	0.004		Radian	
MW-2	12/12/1989	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-2	3/13/1990	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-2	6/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-2	9/12/1990	Cadmium	0.010	mg/l	v	0.004		Radian	
MW-2	12/5/1990	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-2	3/6/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-2	6/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-2	9/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-2	1/20/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-2	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	3/26/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	6/28/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-2	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-2	8/19/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-2	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-2	6/10/1999	Cadmium	5.00	ug/l	u	5		Pace	
MW-2	12/15/1999	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-01
MW-2	6/6/2000	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-01
MW-2	12/14/2000	Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-2	6/25/2001	Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-2	12/10/2001	Cadmium	<.05	mg/l	u		SW-846 6010		
MW-2	6/19/2002	Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-2	12/13/2002	Cadmium	ND	mg/l	u		6010 B		02120518-04
MW-2	6/18/2003	Cadmium	ND	mg/l	u		6010 B		03060775-07
MW-2	12/2/2003	Cadmium	ND	mg/l	u		6010 B		03120155-01
MW-2	6/8/2004	Cadmium	ND	mg/l	u		6010 B		04060338-07
MW-2	12/1/2004	Cadmium	ND	mg/l	u		6010 B		04120075-07
MW-2	6/14/2005	Cadmium	ND	mg/l	u		6010 B		05060699-07
MW-2	12/13/2005	Cadmium	ND	mg/l	u		6010 B		05120626-07
MW-2	6/27/2006	Cadmium	ND	mg/l	u		6010 B		
MW-2	12/19/2006	Cadmium	ND	mg/l	u		6010 B		06121018-08
MW-2	6/12/2007	Cadmium	ND	mg/l	u		6010 B		07060670-06
MW-2	12/4/2007	Cadmium	0.000199 UJ	mg/l	UJ		6020 A		07120184-07
MW-2	6/3/2008	Cadmium	ND	mg/l	u		6020		08060177-07
MW-2	12/2/2008	Cadmium	<0.0045 UJ	mg/l	UJ		6020 A		08120127-07
MW-2	6/23/2009	Cadmium	<0.0026	mg/l	u		6020		09061301-06
MW-2	12/1/2009	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-08
MW-2	8/10/2011	Cadmium	<0.0005	mg/l	u		6020		L530497-01
MW-2	10/9/2012	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L600034-08
MW-2	11/21/1988	Carbon disulfide	5.00	ug/l	u	5			
MW-2	2/22/1989	Carbon disulfide	1.70	ug/l	u	1.70		Radian	
MW-2	5/24/1989	Carbon disulfide	2.00	ug/l	u	2		Radian	
MW-2	9/6/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-2	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-2	12/12/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-2	3/13/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-2	6/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-2	9/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-2	12/5/1990	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-2	3/6/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-2	6/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-2	9/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-2	1/20/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-2	3/26/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-2	10/29/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-2	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-2	6/21/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-2	12/13/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-2	6/28/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-2	12/11/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-2	12/10/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-2	8/19/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-2	12/10/1998	Carbon disulfide	10.00	ug/l	u	10			
MW-2	12/15/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAf	9912941-01
MW-2	12/13/2002	Carbon disulfide	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Carbon disulfide	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Carbon disulfide	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Carbon disulfide	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Carbon disulfide	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Carbon disulfide	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Carbon disulfide	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Carbon disulfide	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Carbon disulfide	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Carbon disulfide	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Carbon disulfide	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAf	9912941-01
MW-2	12/13/2002	Carbon tetrachloride	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Carbon tetrachloride	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Carbon tetrachloride	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Carbon tetrachloride	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Carbon tetrachloride	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Carbon tetrachloride	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Carbon tetrachloride	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Carbon tetrachloride	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Carbon tetrachloride	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Carbon tetrachloride	<1.0	ug/L	u	1			L662184-06
MW-2	8/17/1988	Chloride	5.60	mg/l	v			radian	
MW-2	11/21/1988	Chloride	4.60	mg/l	v			Radian	
MW-2	2/22/1989	Chloride	5.80	mg/l	v			Radian	
MW-2	5/24/1989	Chloride	6.00	mg/l	v			Radian	
MW-2	9/6/1989	Chloride	5.70	mg/l	v				
MW-2	12/12/1989	Chloride	6.50	mg/l	v	0.02		Radian	
MW-2	3/13/1990	Chloride	6.80	mg/l	v	0.02		Radian	
MW-2	6/12/1990	Chloride	6.60	mg/l	v	0.02		Radian	
MW-2	9/12/1990	Chloride	7.20	mg/l	v	0.02		Radian	
MW-2	12/5/1990	Chloride	6.60	mg/l	v	1		IEA	
MW-2	3/6/1991	Chloride	6.50	mg/l	v				
MW-2	6/5/1991	Chloride	7.00	mg/l	v			IEA	
MW-2	12/15/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLLAf	9912941-01
MW-2	12/13/2002	Chlorobenzene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Chlorobenzene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Chlorobenzene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Chlorobenzene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Chlorobenzene	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Chlorobenzene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Chlorobenzene	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Chlorobenzene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Chlorobenzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Chlorobenzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Chlorobenzene	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	Chlorodibromomethane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Chlorodibromomethane	<1.0	ug/l	u	1			L662184-08
MW-2	10/8/2013	Chlorodibromomethane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLLAf	9912941-01
MW-2	12/13/2002	Chloroethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Chloroethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Chloroethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Chloroethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Chloroethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Chloroethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Chloroethane	<10	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Chloroethane	<5 UJ	ug/l	UJ		8260 B		L434468-08
MW-2	10/9/2012	Chloroethane	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Chloroethane	<5.0	ug/L	u	5			L662184-08
MW-2	10/8/2013	Chloroethane	<5.0	ug/L	u	5			L662184-06
MW-2	2/22/1989	Chloroform	1.60	ug/l	u	1.60		Radian	
MW-2	5/24/1989	Chloroform	2.00	ug/l	u	2		Radian	
MW-2	9/6/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-2	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-2	12/12/1989	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-2	3/13/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-2	6/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-2	9/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-2	12/5/1990	Chloroform	5.00	ug/l	u	5		IEA	
MW-2	3/6/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-2	6/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-2	9/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-2	1/20/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-2	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	3/26/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	10/29/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	6/28/1995	Chloroform	5.00	ug/l	u	5		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-2	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-2	8/19/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-2	12/15/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Chloroform	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Chloroform	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Chloroform	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Chloroform	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Chloroform	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Chloroform	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Chloroform	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Chloroform	<5	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Chloroform	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Chloroform	<5.0	ug/L	u	5			L662184-08
MW-2	10/8/2013	Chloroform	<5.0	ug/L	u	5			L662184-06
MW-2	12/15/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Chloromethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Chloromethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Chloromethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Chloromethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Chloromethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Chloromethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Chloromethane	<10	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Chloromethane	<2.5	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Chloromethane	<2.5	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Chloromethane	<2.5	ug/L	u	2.5			L662184-08
MW-2	10/8/2013	Chloromethane	<2.5	ug/L	u	2.5			L662184-06
MW-2	11/21/1988	Chromium	0.03	ug/L	u	0.03		Radian	
MW-2	2/22/1989	Chromium	0.03	ug/L	u	0.03		Radian	
MW-2	5/24/1989	Chromium	0.01	mg/l	u	0.007		Radian	
MW-2	9/6/1989	Chromium	0.008	mg/l	v	0.007		Radian	
MW-2	12/12/1989	Chromium	0.01	mg/l	u	0.01		Radian	
MW-2	3/13/1990	Chromium	0.14	mg/l	v	0.01		Radian	
MW-2	6/12/1990	Chromium	0.007	mg/l	v	0.007		Radian	
MW-2	9/12/1990	Chromium	0.036	mg/l	v	0.007		Radian	
MW-2	12/5/1990	Chromium	0.03	mg/l	u	0.03		IEA	
MW-2	3/6/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-2	6/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-2	9/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-2	1/20/1992	Chromium	0.01	mg/l	u	0.01		IEA	
MW-2	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	3/26/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/28/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-2	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-2	8/19/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-2	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-2	6/10/1999	Chromium	10.00	ug/l	u	10		Pace	
MW-2	12/15/1999	Chromium	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-01
MW-2	6/6/2000	Chromium	0.01	mg/l	u	0.01	6010B	SPLLAF	0006308-01
MW-2	12/14/2000	Chromium	< 0.01	ppm	u		SW-846 6010		
MW-2	6/25/2001	Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-2	12/10/2001	Chromium	0.007	mg/l	u		SW-846 6010		
MW-2	6/19/2002	Chromium	0.00289 j	mg/l	j		SW-846 6010		
MW-2	12/13/2002	Chromium	ND	mg/l	u		6010 B		02120518-04
MW-2	6/18/2003	Chromium	ND	mg/l	u		6010 B		03060775-07
MW-2	12/2/2003	Chromium	0.006	mg/l	u		6010 B		03120155-01
MW-2	6/8/2004	Chromium	0.0083 UJ	mg/l	UJ		6010 B		04060338-07
MW-2	12/1/2004	Chromium	0.014	mg/l	u		6010 B		04120075-07
MW-2	6/14/2005	Chromium	ND	mg/l	u		6010 B		05060699-07
MW-2	12/13/2005	Chromium	0.00879 J	mg/l	j		6010 B		05120626-07
MW-2	6/27/2006	Chromium	ND	mg/l	u		6010 B		
MW-2	12/19/2006	Chromium	0.00729 U	mg/l	u		6010 B		06121018-08
MW-2	6/12/2007	Chromium	0.0078 J	mg/l	j		6010 B		07060670-06
MW-2	12/4/2007	Chromium	0.0062 J	mg/l	j		6020 A		07120184-07
MW-2	6/3/2008	Chromium	0.00924 J	mg/l	j		6020		08060177-07
MW-2	12/2/2008	Chromium	0.00346 J	mg/l	j		6020 A		08120127-07
MW-2	6/23/2009	Chromium	0.008	mg/l	u		6020		09061301-06
MW-2	12/1/2009	Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-08
MW-2	8/10/2011	Chromium	<0.010	mg/l	u		6020		L530497-01
MW-2	10/9/2012	Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-08
MW-2	12/15/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-08

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/4/2007	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	cis-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	cis-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	cis-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	cis-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-07
MW-2	10/9/2012	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u	1			L662184-08
MW-2	10/8/2013	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-06
MW-2	12/1/2009	cis-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-08
MW-2	3/6/1991	Copper	0.020	mg/l	v				
MW-2	12/1/2009	Cyclohexane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Cyclohexane	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Cyclohexane	<1.0	ug/L	u				L662184-08
MW-2	10/8/2013	Cyclohexane	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Dibromochloromethane	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-01
MW-2	12/13/2002	Dibromochloromethane	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Dibromochloromethane	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Dibromochloromethane	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Dibromochloromethane	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Dibromochloromethane	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Dibromochloromethane	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Dibromochloromethane	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Dichlorodifluoromethane	<5	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Dichlorodifluoromethane	<5.0	ug/L	u	5			L662184-08
MW-2	10/8/2013	Dichlorodifluoromethane	<5.0	ug/L	u	5			L662184-06
MW-2	2/22/1989	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	11/16/1989	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	3/6/1991	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	9/5/1991	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	1/20/1992	Di-n-butyl phthalate	21.00	ug/l	v	10		IEA	
MW-2	11/5/1992	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	3/26/1993	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	10/29/1993	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	3/7/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	6/21/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	12/13/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	6/28/1995	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	12/11/1995	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	6/18/1996	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	12/10/1996	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	6/18/1997	Di-n-butyl phthalate	10.20	ug/l	u	10.20			
MW-2	12/9/1997	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	8/19/1998	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	12/10/1998	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	6/10/1999	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-2	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	3/26/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/28/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-2	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-2	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-2	8/19/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-2	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-2	12/15/1999	Dissolved Barium	0.028	mg/l	v	0.01	6010B	SPLLAF	9912941-01
MW-2	12/14/2000	Dissolved Barium	0.015	ppm			SW-846 6010		
MW-2	12/10/2001	Dissolved Barium	0.023	mg/l			SW-846 6010		
MW-2	12/13/2002	Dissolved Barium	0.015	mg/l			6010 B		02120518-04
MW-2	12/2/2003	Dissolved Barium	0.0183 U	mg/l	u		6010 B		03120155-01
MW-2	12/1/2004	Dissolved Barium	0.022	mg/l			6010 B		04120075-07
MW-2	12/13/2005	Dissolved Barium	0.0171 J	mg/l	j		6010 B		05120626-07
MW-2	12/19/2006	Dissolved Barium	0.0175 J	mg/l	j		6010 B		06121018-08
MW-2	12/4/2007	Dissolved Barium	0.016 J	mg/l	j		6020 A		07120184-07
MW-2	12/2/2008	Dissolved Barium	0.015	mg/l			6020 A		08120127-07
MW-2	12/1/2009	Dissolved Barium	0.012	mg/l			6010 B/6020 B		L434468-08
MW-2	10/9/2012	Dissolved Barium	0.0098 J	mg/l	j		6010 B/6020 B		L600034-08
MW-2	10/8/2013	Dissolved Barium	0.01 J	mg/L	j				L662184-08
MW-2	10/8/2013	Dissolved Barium	0.03 J	mg/L	j				L662184-06
MW-2	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	3/26/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	6/28/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-2	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-2	8/19/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-2	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-2	6/10/1999	Dissolved Cadmium	5.00	ug/l	u	5		Pace	
MW-2	12/15/1999	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-01
MW-2	6/6/2000	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-01
MW-2	12/14/2000	Dissolved Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-2	6/25/2001	Dissolved Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-2	12/10/2001	Dissolved Cadmium	.00189 j	mg/l	j		SW-846 6010		
MW-2	6/19/2002	Dissolved Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-2	12/13/2002	Dissolved Cadmium	ND	mg/l	u		6010 B		02120518-04
MW-2	6/18/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03060775-07
MW-2	12/2/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03120155-01
MW-2	6/8/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04060338-07
MW-2	12/1/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04120075-07
MW-2	6/14/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05060699-07
MW-2	12/13/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05120626-07
MW-2	6/27/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		
MW-2	12/19/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		06121018-08
MW-2	6/12/2007	Dissolved Cadmium	ND	mg/l	u		6010 B		07060670-06
MW-2	12/4/2007	Dissolved Cadmium	0.000291 UJ	mg/l	UJ		6020 A		07120184-07
MW-2	6/3/2008	Dissolved Cadmium	ND U	mg/l	u		6020		08060177-07
MW-2	12/2/2008	Dissolved Cadmium	<0.0045	mg/l	u		6020 A		08120127-07
MW-2	6/23/2009	Dissolved Cadmium	<0.0026	mg/l	u		6020		09061301-06
MW-2	12/1/2009	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-08
MW-2	8/10/2011	Dissolved Cadmium	<0.0005	mg/l	u		6020		L530497-01
MW-2	10/9/2012	Dissolved Cadmium	<0.0005 UJ	mg/l	UJ		6010 B/6020 B		L600034-08
MW-2	10/8/2013	Dissolved Cadmium	<0.0005 UJ	mg/l	u j	0.0005 UJ			L662184-08
MW-2	10/8/2013	Dissolved Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-06
MW-2	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	3/26/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/28/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-2	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-2	8/19/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-2	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-2	6/10/1999	Dissolved Chromium	10.00	ug/l	u	10		Pace	
MW-2	12/15/1999	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-01
MW-2	6/6/2000	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-01
MW-2	12/14/2000	Dissolved Chromium	< 0.01	ppm	u		SW-846 6010		
MW-2	6/25/2001	Dissolved Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-2	12/10/2001	Dissolved Chromium	.00409 j	mg/l	j		SW-846 6010		
MW-2	6/19/2002	Dissolved Chromium	0.00264 j	mg/l	j		SW-846 6010		
MW-2	12/13/2002	Dissolved Chromium	ND	mg/l	u		6010 B		02120518-04
MW-2	6/18/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03060775-07
MW-2	12/2/2003	Dissolved Chromium	0.006	mg/l	u		6010 B		03120155-01
MW-2	6/8/2004	Dissolved Chromium	0.00737 UJ	mg/l	UJ		6010 B		04060338-07
MW-2	12/1/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04120075-07
MW-2	6/14/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05060699-07
MW-2	12/13/2005	Dissolved Chromium	0.00993 J	mg/l	j		6010 B		05120626-07
MW-2	6/27/2006	Dissolved Chromium	.0096 J	mg/l	j		6010 B		
MW-2	12/19/2006	Dissolved Chromium	0.00674 U	mg/l	u		6010 B		06121018-08
MW-2	6/12/2007	Dissolved Chromium	0.00707 J	mg/l	j		6010 B		07060670-06
MW-2	12/4/2007	Dissolved Chromium	0.0052 J	mg/l	j		6020 A		07120184-07
MW-2	6/3/2008	Dissolved Chromium	0.0078 J	mg/l	j		6020		08060177-07
MW-2	12/2/2008	Dissolved Chromium	<0.0033	mg/l	u		6020 A		08120127-07
MW-2	6/23/2009	Dissolved Chromium	0.008	mg/l	u		6020		09061301-06
MW-2	12/1/2009	Dissolved Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-08
MW-2	8/10/2011	Dissolved Chromium	<0.010	mg/l	u		6020		L530497-01
MW-2	10/9/2012	Dissolved Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-08
MW-2	10/8/2013	Dissolved Chromium	<0.010	mg/l	u	0.01			L662184-08
MW-2	10/8/2013	Dissolved Chromium	<0.010	mg/L	u	0.01			L662184-06
MW-2	11/5/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	3/26/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	10/29/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	3/7/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	6/21/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	12/13/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	6/28/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	12/11/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	6/18/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	12/10/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-2	6/18/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/9/1997	Dissolved Iron	161.00	ug/l	v	100		UHL	
MW-2	8/19/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-2	12/10/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-2	12/15/1999	Dissolved Iron	0.02	mg/l	u	0.02	6010B	SPLLA	9912941-01
MW-2	12/14/2000	Dissolved Iron	< 0.02	ppm	u		SW-846 6010		
MW-2	12/10/2001	Dissolved Iron	<.02	mg/l	u		SW-846 6010		
MW-2	12/13/2002	Dissolved Iron	ND	mg/l	u		6010 B		02120518-04
MW-2	12/2/2003	Dissolved Iron	ND	mg/l	u		6010 B		03120155-01
MW-2	12/1/2004	Dissolved Iron	0.039	mg/l			6010 B		04120075-07
MW-2	12/13/2005	Dissolved Iron	0.0272 J	mg/l	j		6010 B		05120626-07
MW-2	12/19/2006	Dissolved Iron	ND	mg/l	u		6010 B		06121018-08
MW-2	12/4/2007	Dissolved Iron	0.00333 UJ	mg/l	UJ		6020 A		07120184-07
MW-2	12/2/2008	Dissolved Iron	0.0162 J	mg/l	j		6020 A		08120127-07
MW-2	12/1/2009	Dissolved Iron	<0.1	mg/l	u		6010 B/6020 B		L434468-08
MW-2	3/31/2011	Dissolved Iron	<0.1	mg/l	u				L509030-01
MW-2	8/10/2011	Dissolved Iron	<0.100	mg/l	u		6020		L530497-01
MW-2	10/9/2012	Dissolved Iron	<0.100	mg/l	u		6010 B/6020 B		L600034-08
MW-2	10/8/2013	Dissolved Iron	<0.100	mg/L	u	0.1			L662184-08
MW-2	10/8/2013	Dissolved Iron	<0.100	mg/L	u	0.1			L662184-06
MW-2	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-02
MW-2	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-12
MW-2	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-02
MW-2	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-13
MW-2	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-02
MW-2	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-13
MW-2	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-02
MW-2	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-02
MW-2	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-12
MW-2	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	3/26/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	12/13/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/28/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-2	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-2	8/19/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-2	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-2	6/10/1999	Dissolved Lead	3.00	ug/l	u	3		Pace	
MW-2	12/15/1999	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-01
MW-2	6/6/2000	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-01
MW-2	6/25/2001	Dissolved Lead	< 0.01	mg/l	u		SW-846 6010		
MW-2	12/10/2001	Dissolved Lead	<.005	mg/l	u		SW-846 6010		
MW-2	6/19/2002	Dissolved Lead	< 0.00169 u	mg/l	u		SW-846 6010		
MW-2	12/13/2002	Dissolved Lead	ND	mg/l	u		6010 B		02120518-04
MW-2	6/18/2003	Dissolved Lead	ND	mg/l	u		6010 B		03060775-07
MW-2	12/2/2003	Dissolved Lead	ND	mg/l	u		6010 B		03120155-01
MW-2	6/8/2004	Dissolved Lead	ND	mg/l	u		6010 B		04060338-07
MW-2	12/1/2004	Dissolved Lead	ND	mg/l	u		6010 B		04120075-07
MW-2	6/14/2005	Dissolved Lead	ND	mg/l	u		6010 B		05060699-07
MW-2	12/13/2005	Dissolved Lead	ND	mg/l	u		6010 B		05120626-07
MW-2	6/27/2006	Dissolved Lead	ND	mg/l	u		6010 B		
MW-2	12/19/2006	Dissolved Lead	ND	mg/l	u		6010 B		06121018-08
MW-2	6/12/2007	Dissolved Lead	ND	mg/l	u		6010 B		07060670-06
MW-2	12/4/2007	Dissolved Lead	0.00066 UJ	mg/l	UJ		6020 A		07120184-07
MW-2	6/3/2008	Dissolved Lead	ND	mg/l	u		6020		08060177-07
MW-2	12/2/2008	Dissolved Lead	<0.0166	mg/l	u		6020 A		08120127-07
MW-2	6/23/2009	Dissolved Lead	<0.0022	mg/l	u		6020		09061301-06
MW-2	12/1/2009	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-08
MW-2	8/10/2011	Dissolved Lead	<0.001	mg/l	u		6020		L530497-01
MW-2	10/9/2012	Dissolved Lead	<0.001 UJ	mg/l	UJ		6010 B/6020 B		L600034-08
MW-2	10/8/2013	Dissolved Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-08
MW-2	10/8/2013	Dissolved Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-06
MW-2	11/5/1992	Dissolved Manganese	56.90	ug/l	v	15		Envirotech	
MW-2	3/26/1993	Dissolved Manganese	31.70	ug/l	v	15		Envirotech	
MW-2	10/29/1993	Dissolved Manganese	48.00	ug/l	v	15		Envirotech	
MW-2	3/7/1994	Dissolved Manganese	32.60	ug/l	v	15		Envirotech	
MW-2	6/21/1994	Dissolved Manganese	30.20	ug/l	v	15		Envirotech	
MW-2	12/13/1994	Dissolved Manganese	30.30	ug/l	v	15		Envirotech	
MW-2	6/28/1995	Dissolved Manganese	18.90	ug/l	v	15		Envirotech	
MW-2	12/11/1995	Dissolved Manganese	18.80	ug/l	v	15		Envirotech	
MW-2	6/18/1996	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-2	12/10/1996	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-2	6/18/1997	Dissolved Manganese	15.00	ug/l	u	15		UHL	
MW-2	12/9/1997	Dissolved Manganese	19.90	ug/l	v	15		UHL	
MW-2	8/19/1998	Dissolved Manganese	15.00	ug/l	u	15		UHL	
MW-2	12/10/1998	Dissolved Manganese	32.50	ug/l	v	15		UHL	
MW-2	12/15/1999	Dissolved Manganese	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-01
MW-2	12/14/2000	Dissolved Manganese	< 0.01	ppm	u		SW-846 6010		
MW-2	12/10/2001	Dissolved Manganese	<.005	mg/l	u		SW-846 6010		
MW-2	12/13/2002	Dissolved Manganese	ND	mg/l	u		6010 B		02120518-04
MW-2	12/2/2003	Dissolved Manganese	ND	mg/l	u		6010 B		03120155-01
MW-2	12/1/2004	Dissolved Manganese	ND	mg/l	u		6010 B		04120075-07

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/13/2005	Dissolved Manganese	ND	mg/l	u		6010 B		05120626-07
MW-2	12/19/2006	Dissolved Manganese	ND	mg/l	u		6010 B		06121018-08
MW-2	12/4/2007	Dissolved Manganese	0.00106 J	mg/l	j		6020 A		07120184-07
MW-2	12/2/2008	Dissolved Manganese	<0.0006	mg/l	u		6020 A		08120127-07
MW-2	12/1/2009	Dissolved Manganese	0.0031	mg/l			6010 B/6020 B		L434468-08
MW-2	3/31/2011	Dissolved Manganese	<0.01	mg/l	u				L509030-01
MW-2	8/10/2011	Dissolved Manganese	0.0051 J	mg/l	j		6020		L530497-01
MW-2	10/9/2012	Dissolved Manganese	0.015 J	mg/l	j		6010 B/6020 B		L600034-08
MW-2	10/8/2013	Dissolved Manganese	0.0029 J	mg/L	j				L662184-08
MW-2	10/8/2013	Dissolved Manganese	0.91 J	mg/L	j				L662184-06
MW-2	12/9/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-02
MW-2	12/9/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-12
MW-2	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-02
MW-2	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-13
MW-2	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-02
MW-2	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-13
MW-2	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-02
MW-2	6/17/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-02
MW-2	6/17/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-12
MW-2	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	3/26/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	6/28/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-2	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-2	6/18/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-2	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-2	8/19/1998	Dissolved Mercury	0.100	ug/l	v	0.10		UHL	
MW-2	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-2	6/10/1999	Dissolved Mercury	0.20	ug/l	u	0.20		Pace	
MW-2	12/15/1999	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLAF	9912941-01
MW-2	6/6/2000	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLLAF	0006308-01
MW-2	12/14/2000	Dissolved Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-2	6/25/2001	Dissolved Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-2	12/10/2001	Dissolved Mercury	<.0002	mg/l	u		SW-846 7470		
MW-2	6/19/2002	Dissolved Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-2	12/13/2002	Dissolved Mercury	ND	mg/l	u		7470 A		02120518-04
MW-2	6/18/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03060775-07
MW-2	12/2/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03120155-01
MW-2	6/8/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04060338-07
MW-2	12/1/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04120075-07
MW-2	6/14/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05060699-07
MW-2	12/13/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05120626-07
MW-2	6/27/2006	Dissolved Mercury	ND	mg/l	u		7470 A		
MW-2	12/19/2006	Dissolved Mercury	ND	mg/l	u		7470 A		06121018-08
MW-2	6/12/2007	Dissolved Mercury	ND	mg/l	u		7470 A		07060670-06
MW-2	12/4/2007	Dissolved Mercury	0.00005 UJ	mg/l	UJ		7470 A		07120184-07
MW-2	6/3/2008	Dissolved Mercury	ND UJ	mg/l	UJ		7470 A		08060177-07
MW-2	12/2/2008	Dissolved Mercury	<0.000073	mg/l	u		7470 A		08120127-07
MW-2	6/23/2009	Dissolved Mercury	<0.000073	mg/l	u		7470 A		09061301-06
MW-2	12/1/2009	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L434468-08
MW-2	8/10/2011	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L530497-01
MW-2	10/9/2012	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L600034-08
MW-2	10/8/2013	Dissolved Mercury	<0.0002 UJ	mg/L	u j	0.0002 UJ			L662184-08
MW-2	10/8/2013	Dissolved Mercury	<0.0002 UJ	mg/L	u j	0.0002 UJ			L662184-06
MW-2	3/31/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L509030-01
MW-2	5/24/1989	EPA 420 (Phenols)	0.0050	ug/l	u	0.005		Radian	
MW-2	12/15/1999	Ethyl benzene	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-01
MW-2	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-01
MW-2	6/25/2001	Ethyl benzene	<1	ug/l	u		SW-846 8021		
MW-2	6/19/2002	Ethyl benzene	< 0.0933	ug/l	u		SW-846 8021		
MW-2	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-04
MW-2	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-07
MW-2	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-01
MW-2	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-07
MW-2	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-07
MW-2	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-07
MW-2	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-07
MW-2	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-2	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-08
MW-2	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-06
MW-2	12/4/2007	Ethyl benzene	ND	ug/l	u		8260 B		07120184-07
MW-2	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-07
MW-2	12/2/2008	Ethyl benzene	<1	ug/l	u		8260 B		08120127-07
MW-2	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-06
MW-2	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-08
MW-2	8/10/2011	Ethyl benzene	< 1	ug/l	u		8021 B		L530497-01
MW-2	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-06
MW-2	3/31/2011	Ferrous Fe	0	mg/l					L509030-01
MW-2	11/21/1988	Fluoride	0.20	mg/l	u	0.20			
MW-2	2/22/1989	Fluoride	0.03	mg/l	v			Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	5/24/1989	Fluoride	0.02	mg/l	v			Radian	
MW-2	9/6/1989	Fluoride	0.04	mg/l	v				
MW-2	12/12/1989	Fluoride	0.02	mg/l	v	0.005		Radian	
MW-2	3/13/1990	Fluoride	0.07	mg/l	v	0.050		Radian	
MW-2	6/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-2	9/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-2	12/5/1990	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-2	3/6/1991	Fluoride	0.10	mg/l	u	0.10			
MW-2	6/5/1991	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-2	11/21/1988	Iron	0.04	ug/L	u	0.04		Radian	
MW-2	2/22/1989	Iron	1.30	mg/L	v			Radian	
MW-2	5/24/1989	Iron	0.26	mg/l	v	0.007		Radian	
MW-2	9/6/1989	Iron	1.40	mg/l	v	0.007		Radian	
MW-2	12/12/1989	Iron	3.80	mg/l	v	0.040		Radian	
MW-2	3/13/1990	Iron	0.48	mg/l	v	0.040		Radian	
MW-2	6/12/1990	Iron	0.96	mg/l	v	0.007		Radian	
MW-2	9/12/1990	Iron	4.30	mg/l	v	0.007		Radian	
MW-2	12/5/1990	Iron	0.14	mg/l	v			IEA	
MW-2	3/6/1991	Iron	3.30	mg/l	v			IEA	
MW-2	6/5/1991	Iron	0.64	mg/l	v			IEA	
MW-2	1/20/1992	Iron	4.50	mg/l	v	0.03		IEA	
MW-2	11/5/1992	Iron	149.00	ug/l	v	100		Envirotech	
MW-2	3/26/1993	Iron	100.00	ug/l	u	100		Envirotech	
MW-2	10/29/1993	Iron	100.00	ug/l	u	100		Envirotech	
MW-2	3/7/1994	Iron	120.00	ug/l	v	100		Envirotech	
MW-2	6/21/1994	Iron	100.00	ug/l	u	100		Envirotech	
MW-2	12/13/1994	Iron	100.00	ug/l	u	100		Envirotech	
MW-2	6/28/1995	Iron	100.00	ug/l	u	100		Envirotech	
MW-2	12/11/1995	Iron	100.00	ug/l	u	100		Envirotech	
MW-2	6/18/1996	Iron	100.00	ug/l	u	100		Envirotech	
MW-2	12/10/1996	Iron	312.00	ug/l	v	100		Envirotech	
MW-2	6/18/1997	Iron	2150.00	ug/l	v	100		UHL	
MW-2	12/9/1997	Iron	376.00	ug/l	v	100		UHL	
MW-2	8/19/1998	Iron	100.00	ug/l	u	100		UHL	
MW-2	12/10/1998	Iron	100.00	ug/l	u	100		UHL	
MW-2	12/15/1999	Iron	0.02	mg/l	v	0.02	6010B	SPLLA	9912941-01
MW-2	12/14/2000	Iron	0.04	ppm			SW-846 6010		
MW-2	12/10/2001	Iron	0.06	mg/l			SW-846 6010		
MW-2	12/13/2002	Iron	0.12	mg/l			6010 B		02120518-04
MW-2	12/2/2003	Iron	0.03	mg/l			6010 B		03120155-01
MW-2	12/1/2004	Iron	0.83	mg/l			6010 B		04120075-07
MW-2	12/13/2005	Iron	0.0907 J	mg/l	j		6010 B		05120626-07
MW-2	12/19/2006	Iron	0.0978 J	mg/l	j		6010 B		06121018-08
MW-2	12/4/2007	Iron	0.151 J	mg/l	j		6020 A		07120184-07
MW-2	12/2/2008	Iron	0.122 J	mg/l	j		6020 A		08120127-07
MW-2	12/1/2009	Iron	0.11	mg/l			6010 B/6020 B		L434468-08
MW-2	3/31/2011	Iron	0.59	mg/l					L509030-01
MW-2	8/10/2011	Iron	0.15	mg/l			6020		L530497-01
MW-2	10/9/2012	Iron	0.22 J	mg/l	j		6010 B/6020 B		L600034-08
MW-2	12/1/2009	Isopropylbenzene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Isopropylbenzene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Isopropylbenzene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Isopropylbenzene	<1.0	ug/L	u	1			L662184-06
MW-2	8/17/1988	Laboratory conductivity	211.00	umhos/cm	v			radian	
MW-2	11/21/1988	Laboratory conductivity	150.00	umhos/cm	v				
MW-2	2/22/1989	Laboratory conductivity	160.00	umhos/cm	v			Radian	
MW-2	5/24/1989	Laboratory conductivity	160.00	umhos/cm	v			Radian	
MW-2	9/6/1989	Laboratory conductivity	180.00	umhos/cm	v				
MW-2	11/16/1989	Laboratory conductivity	158.00	umhos/cm	v			Radian	
MW-2	9/5/1991	Laboratory conductivity	170.00	uS/cm	v			IEA	
MW-2	1/20/1992	Laboratory conductivity	120.00	uS/cm	v	1		IEA	
MW-2	8/17/1988	Laboratory pH	6.20	s.u.	v			radian	
MW-2	11/21/1988	Laboratory pH	5.94	s.u.	v				
MW-2	2/22/1989	Laboratory pH	6.12	s.u.	v			Radian	
MW-2	5/24/1989	Laboratory pH	6.20	s.u.	v			Radian	
MW-2	9/6/1989	Laboratory pH	6.20	s.u.	v				
MW-2	11/16/1989	Laboratory pH	5.60	s.u.	v			Radian	
MW-2	9/5/1991	Laboratory pH	6.10	s.u.	v			IEA	
MW-2	1/20/1992	Laboratory pH	6.10	s.u.	v			IEA	
MW-2	11/21/1988	Lead	0.0010	ug/l	u	0.001		Radian	
MW-2	2/22/1989	Lead	0.0020	ug/L	u	0.002		Radian	
MW-2	5/24/1989	Lead	0.01	mg/l	v	0.002		Radian	
MW-2	9/6/1989	Lead	0.0020	mg/l	v	0.002		Radian	
MW-2	12/12/1989	Lead	0.0020	mg/l	u	0.002		Radian	
MW-2	3/13/1990	Lead	0.02	mg/l	v	0.003		Radian	
MW-2	6/12/1990	Lead	0.0030	mg/l	u	0.003		Radian	
MW-2	9/12/1990	Lead	0.0030	mg/l	u	0.003		Radian	
MW-2	12/5/1990	Lead	0.0050	mg/l	u	0.005		IEA	
MW-2	3/6/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-2	6/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-2	9/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-2	1/20/1992	Lead	0.0050	mg/l	u	0.005		IEA	
MW-2	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	3/26/1993	Lead	8.00	ug/l	v	3		Envirotech	
MW-2	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/28/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-2	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-2	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-2	8/19/1998	Lead	3.00	ug/l	u	3		UHL	
MW-2	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-2	6/10/1999	Lead	3.00	ug/l	u	3		Pace	
MW-2	12/15/1999	Lead	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-01
MW-2	6/6/2000	Lead	0.01	mg/l	u	0.01	6010B	SPLLAF	0006308-01
MW-2	12/14/2000	Lead	< 0.01	ppm	u		SW-846 6010		
MW-2	6/25/2001	Lead	< 0.01	mg/l	u		SW-846 6010		
MW-2	12/10/2001	Lead	<.005	mg/l	u		SW-846 6010		
MW-2	6/19/2002	Lead	< 0.00143	mg/l	u		SW-846 6010		
MW-2	12/13/2002	Lead	ND	mg/l	u		6010 B		02120518-04
MW-2	6/18/2003	Lead	ND	mg/l	u		6010 B		03060775-07
MW-2	12/2/2003	Lead	ND	mg/l	u		6010 B		03120155-01
MW-2	6/8/2004	Lead	ND	mg/l	u		6010 B		04060338-07
MW-2	12/1/2004	Lead	ND	mg/l	u		6010 B		04120075-07
MW-2	6/14/2005	Lead	ND	mg/l	u		6010 B		05060699-07
MW-2	12/13/2005	Lead	ND	mg/l	u		6010 B		05120626-07
MW-2	6/27/2006	Lead	ND	mg/l	u		6010 B		
MW-2	12/19/2006	Lead	ND	mg/l	u		6010 B		06121018-08
MW-2	6/12/2007	Lead	ND	mg/l	u		6010 B		07060670-06
MW-2	12/4/2007	Lead	0.00066 UJ	mg/l	UJ		6020 A		07120184-07
MW-2	6/3/2008	Lead	ND	mg/l	u		6020		08060177-07
MW-2	12/2/2008	Lead	<0.0166 UJ	mg/l	UJ		6020 A		08120127-07
MW-2	6/23/2009	Lead	<0.0022	mg/l	u		6020		09061301-06
MW-2	12/1/2009	Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-08
MW-2	8/10/2011	Lead	<0.001	mg/l	u		6020		L530497-01
MW-2	10/9/2012	Lead	<0.001	mg/l	u		6010 B/6020 B		L600034-08
MW-2	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5			
MW-2	12/15/1999	m&p-Xylenes	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-01
MW-2	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-04
MW-2	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-07
MW-2	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-01
MW-2	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-07
MW-2	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-07
MW-2	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-07
MW-2	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-07
MW-2	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-2	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-08
MW-2	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-06
MW-2	12/4/2007	m&p-Xylenes	ND	ug/l	u		8260 B		07120184-07
MW-2	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-07
MW-2	12/2/2008	m&p-Xylenes	<1	ug/l	u		8260 B		08120127-07
MW-2	6/23/2009	m&p-Xylenes	< 1	ug/l	u		8021 B		09061301-06
MW-2	11/21/1988	Manganese	0.02	mg/L	v			Radian	
MW-2	2/22/1989	Manganese	0.05	mg/L	v			Radian	
MW-2	5/24/1989	Manganese	0.06	mg/l	v	0.002		Radian	
MW-2	9/6/1989	Manganese	0.09	mg/l	v	0.002		Radian	
MW-2	12/12/1989	Manganese	0.07	mg/l	v	0.01		Radian	
MW-2	3/13/1990	Manganese	0.04	mg/l	v	0.01		Radian	
MW-2	6/12/1990	Manganese	0.06	mg/l	v	0.002		Radian	
MW-2	9/12/1990	Manganese	0.12	mg/l	v	0.002		Radian	
MW-2	12/5/1990	Manganese	0.06	mg/l	v			IEA	
MW-2	3/6/1991	Manganese	0.08	mg/l	v			IEA	
MW-2	6/5/1991	Manganese	0.06	mg/l	u			IEA	
MW-2	1/20/1992	Manganese	0.08	mg/l	v	0.01		IEA	
MW-2	11/5/1992	Manganese	56.10	ug/l	v	15		Envirotech	
MW-2	3/26/1993	Manganese	28.20	ug/l	v	15		Envirotech	
MW-2	10/29/1993	Manganese	49.70	ug/l	v	15		Envirotech	
MW-2	3/7/1994	Manganese	22.80	ug/l	v	15		Envirotech	
MW-2	6/21/1994	Manganese	31.10	ug/l	v	15		Envirotech	
MW-2	12/13/1994	Manganese	35.10	ug/l	v	15		Envirotech	
MW-2	6/28/1995	Manganese	19.70	ug/l	v	15		Envirotech	
MW-2	12/11/1995	Manganese	21.70	ug/l	v	15		Envirotech	
MW-2	6/18/1996	Manganese	15.00	ug/l	u	15		Envirotech	
MW-2	12/10/1996	Manganese	20.80	ug/l	v	15		Envirotech	
MW-2	6/18/1997	Manganese	37.70	ug/l	v	15		UHL	
MW-2	12/9/1997	Manganese	31.60	ug/l	v	15		UHL	
MW-2	8/19/1998	Manganese	15.00	ug/l	u	15		UHL	
MW-2	12/10/1998	Manganese	30.60	ug/l	v	15		UHL	
MW-2	12/15/1999	Manganese	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-01
MW-2	12/14/2000	Manganese	< 0.01	ppm	u		SW-846 6010		
MW-2	12/10/2001	Manganese	0.01	mg/l			SW-846 6010		
MW-2	12/13/2002	Manganese	ND	mg/l	u		6010 B		02120518-04
MW-2	12/2/2003	Manganese	ND	mg/l	u		6010 B		03120155-01
MW-2	12/1/2004	Manganese	0.03	mg/l			6010 B		04120075-07
MW-2	12/13/2005	Manganese	0.00538 J	mg/l	j		6010 B		05120626-07
MW-2	12/19/2006	Manganese	ND	mg/l	u		6010 B		06121018-08
MW-2	12/4/2007	Manganese	0.00202 J	mg/l	j		6020 A		07120184-07
MW-2	12/2/2008	Manganese	<0.0006 UJ	mg/l	UJ		6020 A		08120127-07
MW-2	12/1/2009	Manganese	0.0030	mg/l			6010 B/6020 B		L434468-08
MW-2	3/31/2011	Manganese	<0.01	mg/l	u				L509030-01

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	8/10/2011	Manganese	0.0046 J	mg/l	j		6020		L530497-01
MW-2	10/9/2012	Manganese	0.016 J	mg/l	j		6010 B/6020 B		L600034-08
MW-2	11/21/1988	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-2	2/22/1989	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-2	5/24/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-2	9/6/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-2	12/12/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-2	3/13/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-2	6/12/1990	Mercury	0.0004	mg/l	v	0.0002		Radian	
MW-2	9/12/1990	Mercury	0.0011	mg/l	v	0.0002		Radian	
MW-2	12/5/1990	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-2	3/6/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-2	6/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-2	9/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-2	1/20/1992	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-2	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	3/26/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	6/28/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	12/11/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-2	6/18/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-2	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-2	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-2	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-2	8/19/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-2	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-2	6/10/1999	Mercury	0.20	ug/l	u	0.20		Pace	
MW-2	12/15/1999	Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLAF	9912941-01
MW-2	6/6/2000	Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLLAF	0006308-01
MW-2	12/14/2000	Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-2	6/25/2001	Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-2	12/10/2001	Mercury	<.0002	mg/l	u		SW-846 7470		
MW-2	6/19/2002	Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-2	12/13/2002	Mercury	ND	mg/l	u		7470 A		02120518-04
MW-2	6/18/2003	Mercury	ND	mg/l	u		7470 A		03060775-07
MW-2	12/2/2003	Mercury	ND	mg/l	u		7470 A		03120155-01
MW-2	6/8/2004	Mercury	ND	mg/l	u		7470 A		04060338-07
MW-2	12/1/2004	Mercury	ND	mg/l	u		7470 A		04120075-07
MW-2	6/14/2005	Mercury	ND	mg/l	u		7470 A		05060699-07
MW-2	12/13/2005	Mercury	ND	mg/l	u		7470 A		05120626-07
MW-2	6/27/2006	Mercury	ND	mg/l	u		7470 A		
MW-2	12/19/2006	Mercury	ND	mg/l	u		7470 A		06121018-08
MW-2	6/12/2007	Mercury	ND	mg/l	u		7470 A		07060670-06
MW-2	12/4/2007	Mercury	0.00005 UJ	mg/l	UJ		7470 A		07120184-07
MW-2	6/3/2008	Mercury	ND UJ	mg/l	UJ		7470 A		08060177-07
MW-2	12/2/2008	Mercury	<0.000073	mg/l	u		7470 A		08120127-07
MW-2	6/23/2009	Mercury	<0.000073	mg/l	u		7470 A		09061301-06
MW-2	12/1/2009	Mercury	<0.0002	mg/l	u		7470 A		L434468-08
MW-2	8/10/2011	Mercury	<0.0002	mg/l	u		7470 A		L530497-01
MW-2	10/9/2012	Mercury	<0.0002 J	mg/l	j		7470 A		L600034-08
MW-2	12/1/2009	Methyl Acetate	<20	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Methyl Acetate	<20.0 UJ	ug/l	UJ		8260 B		L600034-08
MW-2	10/8/2013	Methyl Acetate	<20.0	ug/L	u	20			L662184-08
MW-2	10/8/2013	Methyl Acetate	<20.0	ug/l	u	20			L662184-06
MW-2	12/1/2009	Methyl Cyclohexane	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Methyl Cyclohexane	<1.0 R	ug/l	R		8260 B		L600034-08
MW-2	10/8/2013	Methyl Cyclohexane	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Methyl Cyclohexane	<1.0	ug/L	u	1			L662184-06
MW-2	11/21/1988	Methyl ethyl ketone	100.00	ug/l	u	100			
MW-2	2/22/1989	Methyl ethyl ketone	25.00	ug/l	u	25		Radian	
MW-2	5/24/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-2	9/6/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-2	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-2	12/12/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-2	3/13/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-2	6/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-2	9/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-2	12/5/1990	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-2	3/6/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-2	6/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-2	9/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-2	1/20/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-2	3/26/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	10/29/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	6/28/1995	Methyl ethyl ketone	5.00	ug/l	u	5		Envirotech	
MW-2	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-2	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-2	8/19/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-2	12/15/1999	Methyl ethyl ketone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-01
MW-2	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-07
MW-2	12/1/2009	Methyl tert-butyl ether	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Methyl tert-butyl ether	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Methyl tert-butyl ether	<1.0	ug/L	u	1			L662184-06
MW-2	8/17/1988	Methylene chloride	2.80	ug/l	u	2.80		radian	
MW-2	11/21/1988	Methylene chloride	1.00	ug/L	jv	5		Radian	
MW-2	2/22/1989	Methylene chloride	7.70	ug/l	bv	2.800		Radian	
MW-2	5/24/1989	Methylene chloride	10.00	ug/l	u	10		Radian	
MW-2	9/6/1989	Methylene chloride	6.00	ug/l	v	5		Radian	
MW-2	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-2	12/12/1989	Methylene chloride	3.60	ug/l	jvb	5		Radian	
MW-2	3/13/1990	Methylene chloride	5.10	ug/l	bv	5		Radian	
MW-2	6/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-2	9/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-2	12/5/1990	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-2	3/6/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-2	6/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-2	9/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-2	1/20/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-2	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	3/26/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	10/29/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	6/28/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-2	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-2	12/9/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-2	8/19/1998	Methylene chloride	10.00	ug/l	u	10		UHL	
MW-2	12/10/1998	Methylene chloride	5.00	ug/l	u	5			
MW-2	12/15/1999	Methylene chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Methylene chloride	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Methylene chloride	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Methylene chloride	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Methylene chloride	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Methylene chloride	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Methylene chloride	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Methylene chloride	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Methylene chloride	<5	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Methylene chloride	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Methylene chloride	<5.0	ug/L	u	5			L662184-08
MW-2	10/8/2013	Methylene chloride	<5.0	ug/L	u	5			L662184-06
MW-2	2/22/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-2	11/16/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-2	3/6/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-2	9/5/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-2	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	3/26/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	10/29/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	3/7/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	6/21/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	12/13/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	6/28/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	12/11/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	6/18/1996	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-2	12/10/1996	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-2	6/18/1997	Naphthalene (SVOA)	10.20	ug/l	u	10.20			
MW-2	12/9/1997	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-2	8/19/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-2	12/10/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-2	6/10/1999	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-2	11/21/1988	Nitrate/Nitrite	0.64	mg/l	v	0.02		Radian	
MW-2	2/22/1989	Nitrate/Nitrite	0.58	mg/l	v	0.02		Radian	
MW-2	5/24/1989	Nitrate/Nitrite	0.22	mg/l	v			Radian	
MW-2	9/6/1989	Nitrate/Nitrite	0.11	mg/l	v				
MW-2	12/12/1989	Nitrate/Nitrite	0.08	mg/l	v	0.02		Radian	
MW-2	3/13/1990	Nitrate/Nitrite	0.08	mg/l	v	0.02		Radian	
MW-2	6/12/1990	Nitrate/Nitrite	0.12	mg/l	v	0.02		Radian	
MW-2	9/12/1990	Nitrate/Nitrite	0.04	mg/l	v	0.02		Radian	
MW-2	12/5/1990	Nitrate/Nitrite	0.10	mg/l	u	0.10		IEA	
MW-2	3/6/1991	Nitrate/Nitrite	0.08	mg/l	v				
MW-2	6/5/1991	Nitrate/Nitrite	0.04	mg/l	v			IEA	
MW-2	6/10/1999	o-Xylene	5.00	ug/l	u	5			
MW-2	12/15/1999	o-Xylene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-04
MW-2	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-07
MW-2	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-01
MW-2	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-07
MW-2	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-07
MW-2	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-07
MW-2	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-07

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-2	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-08
MW-2	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-06
MW-2	12/4/2007	o-Xylene	ND	ug/l	u		8260 B		07120184-07
MW-2	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-07
MW-2	12/2/2008	o-Xylene	<1	ug/l	u		8260 B		08120127-07
MW-2	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-06
MW-2	3/31/2011	pH	6.50	s. u.					L509030-01
MW-2	11/21/1988	Selenium	0.0020	ug/L	u	0.002		Radian	
MW-2	2/22/1989	Selenium	0.0040	ug/L	u	0.004		Radian	
MW-2	5/24/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-2	9/6/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-2	12/12/1989	Selenium	0.0020	mg/l	u	0.002		Radian	
MW-2	3/13/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-2	6/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-2	9/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-2	12/5/1990	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-2	3/6/1991	Selenium	0.0050	mg/l	u	0.005			
MW-2	6/5/1991	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-2	11/21/1988	Silver	0.03	ug/l	u	0.03		Radian	
MW-2	2/22/1989	Silver	0.03	ug/L	u	0.03		Radian	
MW-2	5/24/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-2	9/6/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-2	12/12/1989	Silver	0.017	mg/l	v	0.01		Radian	
MW-2	3/13/1990	Silver	0.01	mg/l	u	0.01		Radian	
MW-2	6/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-2	9/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-2	12/5/1990	Silver	0.05	mg/l	u	0.05		IEA	
MW-2	3/6/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-2	6/5/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-2	11/21/1988	Sodium	6.20	mg/L	v			Radian	
MW-2	2/22/1989	Sodium	5.40	mg/L	v			Radian	
MW-2	5/24/1989	Sodium	9.20	mg/l	v	0.029		Radian	
MW-2	9/6/1989	Sodium	9.90	mg/l	v	0.029		Radian	
MW-2	12/12/1989	Sodium	36.00	mg/l	v	1		Radian	
MW-2	3/13/1990	Sodium	9.70	mg/l	v	1		Radian	
MW-2	6/12/1990	Sodium	8.70	mg/l	v	0.029		Radian	
MW-2	9/12/1990	Sodium	21.00	mg/l	v	0.028999999		Radian	
MW-2	12/5/1990	Sodium	8.30	mg/l	v			IEA	
MW-2	3/6/1991	Sodium	9.40	mg/l	v			IEA	
MW-2	6/5/1991	Sodium	9.30	mg/l	v			IEA	
MW-2	12/15/1999	Styrene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Styrene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Styrene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Styrene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Styrene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Styrene	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Styrene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Styrene	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Styrene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Styrene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Styrene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Styrene	<1.0	ug/L	u	1			L662184-06
MW-2	11/21/1988	Sulfate	13.00	mg/l	v				
MW-2	2/22/1989	Sulfate	10.00	mg/l	v			Radian	
MW-2	5/24/1989	Sulfate	6.00	mg/l	v			Radian	
MW-2	9/6/1989	Sulfate	5.10	mg/l	v				
MW-2	12/12/1989	Sulfate	5.30	mg/l	v	0.050		Radian	
MW-2	3/13/1990	Sulfate	6.00	mg/l	v	0.05		Radian	
MW-2	6/12/1990	Sulfate	4.80	mg/l	v	0.050		Radian	
MW-2	9/12/1990	Sulfate	5.60	mg/l	v	0.050		Radian	
MW-2	12/5/1990	Sulfate	4.30	mg/l	v			IEA	
MW-2	3/6/1991	Sulfate	3.70	mg/l	v				
MW-2	6/5/1991	Sulfate	3.70	mg/l	v			IEA	
MW-2	12/15/1999	Tetrachloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Tetrachloroethene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Tetrachloroethene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Tetrachloroethene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Tetrachloroethene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Tetrachloroethene	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Tetrachloroethene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Tetrachloroethene	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Tetrachloroethene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Tetrachloroethene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Tetrachloroethene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Tetrachloroethene	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Toluene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	6/6/2000	Toluene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-01
MW-2	6/25/2001	Toluene	<1	ug/l	u		SW-846 8021		
MW-2	6/19/2002	Toluene	< 0.05	ug/l	u		SW-846 8021		
MW-2	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-04
MW-2	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-07
MW-2	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-01
MW-2	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-07
MW-2	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-07
MW-2	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-07
MW-2	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-07

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-2	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-08
MW-2	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-06
MW-2	12/4/2007	Toluene	ND	ug/l	u		8260 B		07120184-07
MW-2	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-07
MW-2	12/2/2008	Toluene	<1	ug/l	u		8260 B		08120127-07
MW-2	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-06
MW-2	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-08
MW-2	8/10/2011	Toluene	< 5	ug/l	u		8021 B		L530497-01
MW-2	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Toluene	<5.0	ug/L	u	5			L662184-08
MW-2	10/8/2013	Toluene	<5.0	ug/l	u	5			L662184-06
MW-2	10/8/2013	Total Barium	0.010	mg/L					L662184-08
MW-2	10/8/2013	Total Barium	0.030	mg/L					L662184-06
MW-2	10/8/2013	Total Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-08
MW-2	10/8/2013	Total Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-06
MW-2	10/8/2013	Total Chromium	<0.010	mg/L	u	0.01			L662184-08
MW-2	10/8/2013	Total Chromium	<0.010	mg/L	u	0.01			L662184-06
MW-2	3/6/1991	Total dissolved solids	120.00	mg/l	v			IEA	
MW-2	10/8/2013	Total Iron	<0.100	mg/L	u	0.1			L662184-08
MW-2	10/8/2013	Total Iron	<0.100	mg/L	u	0.1			L662184-06
MW-2	12/9/2014	Total Iron	< 0.1	mg/L	u	0.1			L738573-02
MW-2	12/9/2014	Total Iron	< 0.1	mg/L	u	0.1			L738573-12
MW-2	9/2/2015	Total Iron	0.101	mg/L					L787147-02
MW-2	9/2/2015	Total Iron	0.138	mg/L					L787147-13
MW-2	6/7/2016	Total Iron	0.141 B	mg/L	b				L840417-02
MW-2	6/7/2016	Total Iron	0.154	mg/L					L840417-13
MW-2	3/7/2017	Total Iron	0.13 B	mg/L	b				L894955-02
MW-2	6/17/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-02
MW-2	6/17/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-12
MW-2	10/8/2013	Total Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-08
MW-2	10/8/2013	Total Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-06
MW-2	10/8/2013	Total Manganese	<0.002 UJ	mg/L	u	0.002 UJ			L662184-08
MW-2	10/8/2013	Total Manganese	0.69 J	mg/L	j				L662184-06
MW-2	12/9/2014	Total Manganese	< 0.005	mg/L	u	0.005			L738573-02
MW-2	12/9/2014	Total Manganese	< 0.005	mg/L	u	0.005			L738573-12
MW-2	9/2/2015	Total Manganese	<0.005	mg/L	u	0.005			L787147-02
MW-2	9/2/2015	Total Manganese	<0.005	mg/L	u	0.005			L787147-13
MW-2	6/7/2016	Total Manganese	<0.005	mg/L	u	0.005			L840417-02
MW-2	6/7/2016	Total Manganese	0.00559	mg/L					L840417-13
MW-2	3/7/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-02
MW-2	6/17/2020	Total Manganese	<0.005	mg/L	u	0.005			L1231176-02
MW-2	6/17/2020	Total Manganese	<0.005	mg/L	u	0.005			L1231176-12
MW-2	10/8/2013	Total Mercury	<0.0002	mg/L	u	0.0002			L662184-08
MW-2	10/8/2013	Total Mercury	<0.0002 UJ	mg/L	u j	0.0002 UJ			L662184-06
MW-2	8/17/1988	Total organic carbon	1.00	mg/l	v			radian	
MW-2	11/21/1988	Total organic carbon	1.00	mg/l	u	1			
MW-2	2/22/1989	Total organic carbon	3.00	mg/l	v			Radian	
MW-2	5/24/1989	Total organic carbon	2.00	mg/l	v				
MW-2	9/6/1989	Total organic carbon	2.60	mg/l	v				
MW-2	11/16/1989	Total organic carbon	1.60	mg/l	v			Radian	
MW-2	12/12/1989	Total organic carbon	1.00	mg/l	u	1		Radian	
MW-2	3/13/1990	Total organic carbon	7.00	mg/l	v	1		Radian	
MW-2	6/12/1990	Total organic carbon	3.90	mg/l	v	1		Radian	
MW-2	9/12/1990	Total organic carbon	1.30	mg/l	v	1		Radian	
MW-2	12/5/1990	Total organic carbon	9.40	mg/l	v			IEA	
MW-2	3/6/1991	Total organic carbon	7.90	mg/l	v				
MW-2	6/5/1991	Total organic carbon	3.70	mg/l	v			IEA	
MW-2	3/31/2011	Total Organic Carbon	<1.0	mg/l	u				L509030-01
MW-2	11/21/1988	Total organic halides	0.02	mg/l	u	0.02			
MW-2	2/22/1989	Total organic halides	0.02	mg/l	v	0.01		Radian	
MW-2	5/24/1989	Total organic halides	0.03	mg/l	v	0.02		Radian	
MW-2	9/6/1989	Total organic halides	0.02	mg/l	u	0.02		Radian	
MW-2	11/16/1989	Total organic halides	0.03	mg/l	v	0.01		Radian	
MW-2	12/12/1989	Total organic halides	0.09	mg/l	v	0.01		Radian	
MW-2	3/13/1990	Total organic halides	0.04	mg/l	v	0.01		Radian	
MW-2	6/12/1990	Total organic halides	0.06	mg/l	v	0.01		Radian	
MW-2	9/12/1990	Total organic halides	0.37	mg/l	v	0.01		Radian	
MW-2	12/5/1990	Total organic halides	0.03	mg/l	v			IEA	
MW-2	3/6/1991	Total organic halides	0.02	mg/l	v				
MW-2	6/5/1991	Total organic halides	0.02	mg/l	v			IEA	
MW-2	11/21/1988	Total phenolics	0.0050	ug/l	u	0.005			
MW-2	2/22/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-2	12/12/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-2	3/13/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-2	6/12/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-2	9/12/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-2	12/5/1990	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-2	3/6/1991	Total phenolics	0.0050	ug/l	u	0.005			
MW-2	6/5/1991	Total phenolics	0.0050	ug/l	u	0.005			
MW-2	3/31/2011	Total Suspended Solids	7.50	mg/l					L509030-01
MW-2	12/15/1999	trans-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-08

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-2	12/4/2007	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	trans-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	trans-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	trans-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	trans-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	trans-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Trichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Trichloroethene	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Trichloroethene	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Trichloroethene	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Trichloroethene	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Trichloroethene	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Trichloroethene	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Trichloroethene	<5	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Trichloroethene	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Trichloroethene	<1.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Trichloroethene	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Trichloroethene	<1.0	ug/L	u	1			L662184-06
MW-2	10/8/2013	Trichlorofluoromethane	<5.0	ug/l	u	5			L662184-08
MW-2	10/8/2013	Trichlorofluoromethane	<5.0	ug/l	u	5			L662184-06
MW-2	12/15/1999	Trichlorofluoromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/1/2009	Trichlorofluoromethane	<5 UJ	ug/l	UJ		8260 B		L434468-08
MW-2	10/9/2012	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Vinyl chloride	<1.0	ug/L	u	1			L662184-08
MW-2	10/8/2013	Vinyl chloride	<1.0	ug/L	u	1			L662184-06
MW-2	12/15/1999	Vinyl acetate	10.00	ug/l	u	10	8260B	SPLLAF	9912941-01
MW-2	12/15/1999	Vinyl chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	12/13/2002	Vinyl chloride	ND	ug/l	u		8260 B		02120518-04
MW-2	12/2/2003	Vinyl chloride	ND	ug/l	u		8260 B		03120155-01
MW-2	12/1/2004	Vinyl chloride	ND	ug/l	u		8021 B		04120075-07
MW-2	12/13/2005	Vinyl chloride	ND	ug/l	u		8021 B		05120626-07
MW-2	12/19/2006	Vinyl chloride	ND	ug/l	u		8260 B		06121018-08
MW-2	12/4/2007	Vinyl chloride	ND	ug/l	u		8260 B		07120184-07
MW-2	12/2/2008	Vinyl chloride	<10	ug/l	u		8260 B		08120127-07
MW-2	12/1/2009	Vinyl chloride	<1	ug/l	u		8260 B		L434468-08
MW-2	10/9/2012	Vinyl chloride	<1.0	ug/l	u		8260 B		L600034-08
MW-2	12/15/1999	Xylenes, Total	5.00	ug/l	u	5	8260B	SPLLAF	9912941-01
MW-2	6/6/2000	Xylenes, Total	1.00	ug/l	u	1	8021B	SPLLAF	0006308-01
MW-2	6/25/2001	Xylenes, Total	<1	ug/l	u		SW-846 8021		
MW-2	6/19/2002	Xylenes, Total	< 0.15	ug/l	u		SW-846 8021		
MW-2	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-04
MW-2	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-07
MW-2	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-01
MW-2	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-07
MW-2	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-07
MW-2	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-07
MW-2	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-07
MW-2	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-2	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-08
MW-2	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-06
MW-2	12/4/2007	Xylenes, Total	ND	ug/l	u		8260 B		07120184-07
MW-2	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-07
MW-2	12/2/2008	Xylenes, Total	<1	ug/l	u		8260 B		08120127-07
MW-2	6/23/2009	Xylenes, Total	< 1	ug/l	u		8021 B		09061301-06
MW-2	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-08
MW-2	8/10/2011	Xylenes, Total	< 3	ug/l	u		8021 B		L530497-01
MW-2	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-08
MW-2	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-08
MW-2	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-06
MW-2	3/6/1991	Zinc	0.02	mg/l	v			IEA	
MW-3	8/18/1988	2-Hexanone	2.00	ug/l	jv	36		radian	
MW-3	11/21/1988	2-Hexanone	50.00	ug/l	u	50			
MW-3	2/22/1989	2-Hexanone	36.00	ug/l	u	36			
MW-3	5/24/1989	2-Hexanone	10.00	ug/l	u	10			
MW-3	11/16/1989	2-Hexanone	50.00	ug/l	u	50			
MW-3	8/18/1988	4-Methyl-2-pentanone	3.00	ug/l	jv	46		radian	
MW-3	11/21/1988	4-Methyl-2-pentanone	50.00	ug/l	u	50			
MW-3	2/22/1989	4-Methyl-2-pentanone	46.00	ug/l	u	46			
MW-3	5/24/1989	4-Methyl-2-pentanone	2.00	ug/l	u	2			
MW-3	11/16/1989	4-Methyl-2-pentanone	50.00	ug/l	u	50			
MW-3	8/18/1988	Acetone	7.50	ug/l	u	7.5		radian	
MW-3	11/21/1988	Acetone	100.00	ug/l	u	100			
MW-3	2/22/1989	Acetone	18.00	ug/l	v	7.5		Radian	
MW-3	5/24/1989	Acetone	25.00	ug/l	u	25		Radian	
MW-3	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-3	11/21/1988	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-3	2/22/1989	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-3	5/24/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-3	11/21/1988	Barium	0.010	ug/L	u	0.01		Radian	
MW-3	2/22/1989	Barium	0.020	mg/L	v			Radian	
MW-3	5/24/1989	Barium	0.046	mg/l	v	0.002		Radian	
MW-3	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-3	2/22/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-3	5/24/1989	Benzene	2.00	ug/l	u	2		Radian	
MW-3	11/16/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-3	11/5/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-3	2/22/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-3	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-3	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-3	11/21/1988	Cadmium	0.006	mg/L	v	0.005		Radian	
MW-3	2/22/1989	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-3	5/24/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-3	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-3	11/21/1988	Carbon disulfide	5.00	ug/l	u	5			
MW-3	2/22/1989	Carbon disulfide	1.70	ug/l	u	1.70		Radian	
MW-3	5/24/1989	Carbon disulfide	2.00	ug/l	u	2		Radian	
MW-3	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-3	11/21/1988	Chloride	2.90	mg/l	v			Radian	
MW-3	2/22/1989	Chloride	3.00	mg/l	v			Radian	
MW-3	5/24/1989	Chloride	3.20	mg/l	v			Radian	
MW-3	2/22/1989	Chloroform	1.60	ug/l	u	1.60		Radian	
MW-3	5/24/1989	Chloroform	2.00	ug/l	u	2		Radian	
MW-3	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-3	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-3	11/21/1988	Chromium	0.03	ug/L	u	0.03		Radian	
MW-3	2/22/1989	Chromium	0.03	ug/L	u	0.03		Radian	
MW-3	5/24/1989	Chromium	0.01	mg/l	u	0.007		Radian	
MW-3	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-3	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-3	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-3	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-3	11/5/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-3	3/30/2011	Dissolved Iron	<0.1	mg/l	u				L508799-02
MW-3	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-03
MW-3	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-03
MW-3	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-03
MW-3	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-03
MW-3	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-03
MW-3	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-3	11/5/1992	Dissolved Manganese	28.50	ug/l	v	15		Envirotech	
MW-3	3/30/2011	Dissolved Manganese	0.03	mg/l					L508799-02
MW-3	12/9/2014	Dissolved Manganese	0.032	mg/L					L738573-03
MW-3	9/2/2015	Dissolved Manganese	0.0329	mg/L					L787147-03
MW-3	6/7/2016	Dissolved Manganese	0.0304	mg/L					L840417-03
MW-3	3/7/2017	Dissolved Manganese	0.0326	mg/L					L894955-03
MW-3	6/17/2020	Dissolved Manganese	0.0262	mg/L					L1231176-03
MW-3	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-3	3/30/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L508799-02
MW-3	5/24/1989	EPA 420 (Phenols)	0.0050	ug/l	u	0.005		Radian	
MW-3	3/30/2011	Ferrous Fe	0	mg/l					L508799-02
MW-3	11/21/1988	Fluoride	0.20	mg/l	u	0.20			
MW-3	2/22/1989	Fluoride	0.02	mg/l	v			Radian	
MW-3	5/24/1989	Fluoride	0.03	mg/l	v			Radian	
MW-3	11/21/1988	Iron	0.04	ug/L	u	0.04		Radian	
MW-3	2/22/1989	Iron	3.80	mg/L	v			Radian	
MW-3	5/24/1989	Iron	2.60	mg/l	v	0.007		Radian	
MW-3	11/5/1992	Iron	2000.00	ug/l	v	100		Envirotech	
MW-3	3/30/2011	Iron	0.14	mg/l					L508799-02
MW-3	11/21/1988	Laboratory conductivity	44.00	umhos/cm	v				
MW-3	2/22/1989	Laboratory conductivity	47.00	umhos/cm	v			Radian	
MW-3	5/24/1989	Laboratory conductivity	63.00	umhos/cm	v			Radian	
MW-3	11/16/1989	Laboratory conductivity	92.00	umhos/cm	v			Radian	
MW-3	11/21/1988	Laboratory pH	5.16	s.u.	v				
MW-3	2/22/1989	Laboratory pH	5.38	s.u.	v			Radian	
MW-3	5/24/1989	Laboratory pH	6.20	s.u.	v			Radian	
MW-3	11/16/1989	Laboratory pH	6.05	s.u.	v			Radian	
MW-3	11/21/1988	Lead	0.0010	mg/L	v	0.001		Radian	
MW-3	2/22/1989	Lead	0.0020	ug/L	u	0.002		Radian	
MW-3	5/24/1989	Lead	0.01	mg/l	v	0.002		Radian	
MW-3	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-3	11/21/1988	Manganese	0.06	mg/L	v			Radian	
MW-3	2/22/1989	Manganese	0.07	mg/L	v			Radian	
MW-3	5/24/1989	Manganese	0.06	mg/l	v	0.002		Radian	
MW-3	11/5/1992	Manganese	114.00	ug/l	v	15		Envirotech	
MW-3	3/30/2011	Manganese	0.04	mg/l					L508799-02
MW-3	11/21/1988	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-3	2/22/1989	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-3	5/24/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-3	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-3	11/21/1988	Methyl ethyl ketone	100.00	ug/l	u	100			
MW-3	2/22/1989	Methyl ethyl ketone	25.00	ug/l	u	25		Radian	
MW-3	5/24/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-3	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-3	8/18/1988	Methylene chloride	2.80	ug/l	u	2.80		radian	
MW-3	11/21/1988	Methylene chloride	5.00	ug/l	u	5			
MW-3	2/22/1989	Methylene chloride	9.90	ug/l	bv	2.800		Radian	
MW-3	5/24/1989	Methylene chloride	10.00	ug/l	u	10		Radian	
MW-3	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-3	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-3	2/22/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-3	11/16/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-3	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-3	3/30/2011	Nitrate	1.10	mg/l					L508799-02
MW-3	11/21/1988	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-3	2/22/1989	Nitrate/Nitrite	1.60	mg/l	v	0.02		Radian	
MW-3	5/24/1989	Nitrate/Nitrite	1.60	mg/l	v			Radian	
MW-3	3/30/2011	Nitrite	<0.1	mg/l	u				L508799-02
MW-3	3/30/2011	pH	7.50	s. u.					L508799-02
MW-3	11/21/1988	Selenium	0.0020	ug/L	u	0.002		Radian	
MW-3	2/22/1989	Selenium	0.0040	ug/L	u	0.004		Radian	
MW-3	5/24/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-3	11/21/1988	Silver	0.03	ug/L	u	0.03		Radian	
MW-3	2/22/1989	Silver	0.03	ug/L	u	0.03		Radian	
MW-3	5/24/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-3	11/21/1988	Sodium	4.00	mg/L	v			Radian	
MW-3	2/22/1989	Sodium	4.00	mg/L	v			Radian	
MW-3	5/24/1989	Sodium	7.40	mg/l	v	0.029		Radian	
MW-3	11/21/1988	Sulfate	4.00	mg/l	v				
MW-3	2/22/1989	Sulfate	5.00	mg/l	v			Radian	
MW-3	5/24/1989	Sulfate	3.00	mg/l	v			Radian	
MW-3	3/30/2011	Sulfate	<5.0	mg/l	u				L508799-02
MW-3	3/30/2011	Sulfide	<0.05	mg/l	u				L508799-02
MW-3	12/9/2014	Total Iron	0.12	mg/L					L738573-03
MW-3	9/2/2015	Total Iron	<0.1	mg/L	u	0.1			L787147-03
MW-3	6/7/2016	Total Iron	<0.1	mg/L	u	0.1			L840417-03
MW-3	3/7/2017	Total Iron	<0.1	mg/L	u	0.1			L894955-03
MW-3	6/17/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-03
MW-3	12/9/2014	Total Manganese	0.034	mg/L					L738573-03
MW-3	9/2/2015	Total Manganese	0.0323	mg/L					L787147-03
MW-3	6/7/2016	Total Manganese	0.028	mg/L					L840417-03
MW-3	3/7/2017	Total Manganese	0.0329	mg/L					L894955-03
MW-3	6/17/2020	Total Manganese	0.031	mg/L					L1231176-03
MW-3	8/18/1988	Total organic carbon	1.00	mg/l	u	1		radian	
MW-3	11/21/1988	Total organic carbon	1.00	mg/l	u	1			
MW-3	2/22/1989	Total organic carbon	1.00	mg/l	v			Radian	
MW-3	5/24/1989	Total organic carbon	1.00	mg/l	u	1		Radian	
MW-3	11/16/1989	Total organic carbon	1.00	mg/l	u	1		Radian	
MW-3	3/30/2011	Total Organic Carbon	<1.0	mg/l	u				L508799-02
MW-3	11/21/1988	Total organic halides	0.02	mg/l	u	0.02			
MW-3	2/22/1989	Total organic halides	0.01	mg/l	u	0.01		Radian	
MW-3	5/24/1989	Total organic halides	0.02	mg/l	u	0.02			
MW-3	11/16/1989	Total organic halides	0.01	mg/l	u	0.01		Radian	
MW-3	11/21/1988	Total phenolics	0.0050	ug/l	u	0.005			
MW-3	2/22/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-3	3/30/2011	Total Suspended Solids	12.00	mg/l					L508799-02
MW-4	11/22/1988	Acetone	100.00	ug/l	u	100			
MW-4	2/22/1989	Acetone	7.50	ug/l	u	7.5		Radian	
MW-4	5/24/1989	Acetone	25.00	ug/l	u	25		Radian	
MW-4	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-4	11/22/1988	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-4	2/22/1989	Arsenic	0.0020	ug/l	u	0.002		Radian	
MW-4	5/24/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-4	11/22/1988	Barium	0.010	mg/L	v	0.01		Radian	
MW-4	2/22/1989	Barium	0.010	mg/L	v			Radian	
MW-4	5/24/1989	Barium	0.04	mg/l	v	0.002		Radian	
MW-4	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-4	2/22/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-4	5/24/1989	Benzene	2.00	ug/l	u	2		Radian	
MW-4	11/16/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-4	11/5/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4	2/22/1989	bis(2-Ethylhexyl)phthalate	19.00	ug/l	v	10		Radian	
MW-4	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-4	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4	11/22/1988	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-4	2/22/1989	Cadmium	0.005	ug/l	u	0.005		Radian	
MW-4	5/24/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-4	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4	11/22/1988	Carbon disulfide	5.00	ug/l	u	5			
MW-4	2/22/1989	Carbon disulfide	1.70	ug/l	u	1.70		Radian	
MW-4	5/24/1989	Carbon disulfide	2.00	ug/l	u	2		Radian	
MW-4	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-4	11/22/1988	Chloride	3.50	mg/l	v			Radian	
MW-4	2/22/1989	Chloride	3.50	mg/l	v			Radian	
MW-4	5/24/1989	Chloride	4.50	mg/l	v			Radian	
MW-4	2/22/1989	Chloroform	1.60	ug/l	u	1.60		Radian	
MW-4	5/24/1989	Chloroform	2.00	ug/l	u	2		Radian	
MW-4	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-4	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4	11/22/1988	Chromium	0.03	ug/L	u	0.03		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-4	2/22/1989	Chromium	0.03	ug/L	u	0.03		Radian	
MW-4	5/24/1989	Chromium	0.01	mg/l	u	0.007		Radian	
MW-4	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4	11/5/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4	3/30/2011	Dissolved Iron	<0.1	mg/l	u				L508799-03
MW-4	3/30/2011	Dissolved Iron	<0.1	mg/l	u				L508799-07
MW-4	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-04
MW-4	9/3/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-04
MW-4	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-04
MW-4	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-04
MW-4	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-13
MW-4	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-04
MW-4	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4	11/5/1992	Dissolved Manganese	48.80	ug/l	v	15		Envirotech	
MW-4	3/30/2011	Dissolved Manganese	<0.01	mg/l	u				L508799-03
MW-4	3/30/2011	Dissolved Manganese	<0.01	mg/l	u				L508799-07
MW-4	12/9/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-04
MW-4	9/3/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-04
MW-4	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-04
MW-4	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-04
MW-4	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-13
MW-4	6/17/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-04
MW-4	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4	3/30/2011	Dissolved Organic Carbon	1.00	mg/l					L508799-03
MW-4	3/30/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L508799-07
MW-4	5/24/1989	EPA 420 (Phenols)	0.0050	ug/l	u	0.005		Radian	
MW-4	3/30/2011	Ferrous Fe	0	mg/l					L508799-03
MW-4	3/30/2011	Ferrous Fe	0	mg/l					L508799-07
MW-4	11/22/1988	Fluoride	0.20	mg/l	u	0.20			
MW-4	2/22/1989	Fluoride	0.05	mg/l	v			Radian	
MW-4	5/24/1989	Fluoride	0.04	mg/l	v			Radian	
MW-4	11/22/1988	Iron	0.04	ug/L	u	0.04		Radian	
MW-4	2/22/1989	Iron	0.56	mg/L	v			Radian	
MW-4	5/24/1989	Iron	1.80	mg/l	v	0.007		Radian	
MW-4	11/5/1992	Iron	3050.00	ug/l	v	100		Envirotech	
MW-4	3/30/2011	Iron	<0.1	mg/l	u				L508799-03
MW-4	3/30/2011	Iron	<0.1	mg/l	u				L508799-07
MW-4	11/22/1988	Laboratory conductivity	170.00	umhos/cm	v				
MW-4	2/22/1989	Laboratory conductivity	190.00	umhos/cm	v			Radian	
MW-4	5/24/1989	Laboratory conductivity	200.00	umhos/cm	v			Radian	
MW-4	11/16/1989	Laboratory conductivity	220.00	umhos/cm	v			Radian	
MW-4	11/22/1988	Laboratory pH	5.94	s.u.	v				
MW-4	2/22/1989	Laboratory pH	6.21	s.u.	v			Radian	
MW-4	5/24/1989	Laboratory pH	6.20	s.u.	v			Radian	
MW-4	11/16/1989	Laboratory pH	5.90	s.u.	v			Radian	
MW-4	11/22/1988	Lead	0.0010	mg/L	v	0.001		Radian	
MW-4	2/22/1989	Lead	0.0020	mg/L	v	0.002		Radian	
MW-4	5/24/1989	Lead	0.01	mg/l	v	0.002		Radian	
MW-4	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-4	11/22/1988	Manganese	0.10	mg/L	v			Radian	
MW-4	2/22/1989	Manganese	0.04	mg/L	v			Radian	
MW-4	5/24/1989	Manganese	0.04	mg/l	v			Radian	
MW-4	11/5/1992	Manganese	63.80	ug/l	v	15		Envirotech	
MW-4	3/30/2011	Manganese	<0.01	mg/l	u				L508799-03
MW-4	3/30/2011	Manganese	<0.01	mg/l	u				L508799-07
MW-4	11/22/1988	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-4	2/22/1989	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-4	5/24/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-4	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4	11/22/1988	Methyl ethyl ketone	100.00	ug/l	u	100			
MW-4	2/22/1989	Methyl ethyl ketone	25.00	ug/l	u	25		Radian	
MW-4	5/24/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-4	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-4	11/22/1988	Methylene chloride	5.00	ug/l	u	5			
MW-4	2/22/1989	Methylene chloride	9.00	ug/l	bv	2.80		Radian	
MW-4	5/24/1989	Methylene chloride	10.00	ug/l	u	10		Radian	
MW-4	11/16/1989	Methylene chloride	5.00	ug/l	u	5			
MW-4	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4	2/22/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-4	11/16/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-4	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4	11/22/1988	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-4	2/22/1989	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-4	5/24/1989	Nitrate/Nitrite	0.03	mg/l	v			Radian	
MW-4	3/30/2011	pH	6.00	s.u.					L508799-03
MW-4	3/30/2011	pH	6.00	s.u.					L508799-07
MW-4	11/22/1988	Selenium	0.0020	ug/L	u	0.002		Radian	
MW-4	2/22/1989	Selenium	0.0040	ug/L	u	0.004		Radian	
MW-4	5/24/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-4	11/22/1988	Silver	0.03	ug/L	u	0.03		Radian	
MW-4	2/22/1989	Silver	0.03	ug/L	u	0.03		Radian	
MW-4	5/24/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-4	11/22/1988	Sodium	4.00	mg/L	v			Radian	
MW-4	2/22/1989	Sodium	4.00	mg/L	v			Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-4	5/24/1989	Sodium	5.80	mg/l	v	0.029		Radian	
MW-4	11/22/1988	Sulfate	5.00	mg/l	u	5			
MW-4	2/22/1989	Sulfate	4.00	mg/l	v			Radian	
MW-4	5/24/1989	Sulfate	4.00	mg/l	v			Radian	
MW-4	12/9/2014	Total Iron	0.15	mg/L					L738573-04
MW-4	9/3/2015	Total Iron	0.84	mg/L					L787147-04
MW-4	6/7/2016	Total Iron	<0.1	mg/L	u	0.1			L840417-04
MW-4	3/7/2017	Total Iron	0.226	mg/L					L894955-04
MW-4	3/7/2017	Total Iron	0.211	mg/L					L894955-13
MW-4	6/17/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-04
MW-4	12/9/2014	Total Manganese	< 0.005	mg/L	u	0.005			L738573-04
MW-4	9/3/2015	Total Manganese	0.00671	mg/L					L787147-04
MW-4	6/7/2016	Total Manganese	<0.005	mg/L	u	0.005			L840417-04
MW-4	3/7/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-04
MW-4	3/7/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-13
MW-4	6/17/2020	Total Manganese	0.0052	mg/L					L1231176-04
MW-4	11/22/1988	Total organic carbon	1.00	mg/l	u	1			
MW-4	2/22/1989	Total organic carbon	3.00	mg/l	v			Radian	
MW-4	5/24/1989	Total organic carbon	5.40	mg/l	v	1		Radian	
MW-4	11/16/1989	Total organic carbon	1.40	mg/l	v			Radian	
MW-4	3/30/2011	Total Organic Carbon	19.00	mg/l					L508799-03
MW-4	3/30/2011	Total Organic Carbon	<1.0	mg/l	u				L508799-07
MW-4	11/22/1988	Total organic halides	0.02	mg/l	u	0.02			
MW-4	2/22/1989	Total organic halides	0.03	mg/l	v	0.01		Radian	
MW-4	5/24/1989	Total organic halides	0.02	mg/l	u	0.02		Radian	
MW-4	11/16/1989	Total organic halides	0.01	mg/l	u	0.01		Radian	
MW-4	2/22/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-4	3/30/2011	Total Suspended Solids	1.10	mg/l					L508799-07
MW-4	3/30/2011	Total Suspended Solids	<1.0	mg/l	u				L508799-03
MW-4D	1/21/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-4D	4/6/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-4D	6/9/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-4D	3/25/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	10/29/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/21/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/28/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-4D	12/9/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-4D	8/19/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-4D	12/10/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-4D	1/21/1992	Barium	0.100	mg/l	u	0.10		IEA	
MW-4D	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	3/25/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/28/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-4D	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-4D	8/19/1998	Barium	200.00	ug/l	u	200		UHL	
MW-4D	12/10/1998	Barium	200.00	ug/l	u	200		UHL	
MW-4D	1/21/1992	Benzene	5.00	ug/l	v	5		IEA	
MW-4D	4/6/1992	Benzene	5.00	ug/l	u	5		IEA	
MW-4D	6/9/1992	Benzene	5.00	ug/l	u	5		IEA	
MW-4D	11/5/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	3/25/1993	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	10/29/1993	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	3/7/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	6/21/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	12/13/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	6/28/1995	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	12/11/1995	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1996	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	12/10/1996	Benzene	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-4D	12/9/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-4D	8/19/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-4D	12/10/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-4D	1/21/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-4D	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	3/25/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	10/29/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	3/7/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	6/21/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	12/13/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	6/28/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	12/11/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-4D	12/10/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1997	bis(2-Ethylhexyl)phthalate	10.30	ug/l	u	10.30		UHL	
MW-4D	12/9/1997	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-4D	8/19/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-4D	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-4D	1/21/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-4D	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	3/25/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/28/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	8/19/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	1/21/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-4D	4/6/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-4D	6/9/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-4D	3/25/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-4D	10/29/1993	Carbon disulfide	5.60	ug/l	v	5		Envirotech	
MW-4D	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-4D	6/21/1994	Carbon disulfide	1.70	ug/l	jv	10		Envirotech	
MW-4D	12/13/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-4D	6/28/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-4D	12/11/1995	Carbon disulfide	13.00	ug/l	v	10		Envirotech	
MW-4D	6/18/1996	Carbon disulfide	2.30	ug/l	jv	10		Envirotech	
MW-4D	12/10/1996	Carbon disulfide	0.50	ug/l	jv	10		Envirotech	
MW-4D	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-4D	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-4D	8/19/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-4D	12/10/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-4D	1/21/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-4D	4/6/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-4D	6/9/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-4D	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	3/25/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	10/29/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	6/28/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-4D	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-4D	8/19/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-4D	12/10/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-4D	1/21/1992	Chromium	0.01	mg/l	u	0.01		IEA	
MW-4D	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	3/25/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/28/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-4D	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-4D	8/19/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-4D	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-4D	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	3/25/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/28/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-4D	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-4D	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-4D	8/19/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-4D	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-4D	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	3/25/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-4D	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/28/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	8/19/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-4D	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	3/25/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/28/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-4D	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-4D	8/19/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-4D	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-4D	11/5/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	3/25/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	10/29/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	3/7/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	6/21/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	12/13/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	6/28/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	12/11/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	6/18/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	12/10/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-4D	6/18/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-4D	12/9/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-4D	8/19/1998	Dissolved Iron	144.00	ug/l	v	100		UHL	
MW-4D	12/10/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-4D	3/30/2011	Dissolved Iron	0.12	mg/l					L508799-04
MW-4D	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-05
MW-4D	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-05
MW-4D	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-05
MW-4D	3/7/2017	Dissolved Iron	0.637	mg/L					L894955-05
MW-4D	6/17/2020	Dissolved Iron	0.426	mg/L					L1231176-05
MW-4D	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	3/25/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	12/13/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/28/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-4D	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-4D	8/19/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-4D	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-4D	11/5/1992	Dissolved Manganese	422.00	ug/l	v	15		Envirotech	
MW-4D	3/25/1993	Dissolved Manganese	308.00	ug/l	v	15		Envirotech	
MW-4D	10/29/1993	Dissolved Manganese	166.00	ug/l	v	15		Envirotech	
MW-4D	3/7/1994	Dissolved Manganese	257.00	ug/l	v	15		Envirotech	
MW-4D	6/21/1994	Dissolved Manganese	115.00	ug/l	v	15		Envirotech	
MW-4D	12/13/1994	Dissolved Manganese	171.00	ug/l	v	15		Envirotech	
MW-4D	6/28/1995	Dissolved Manganese	103.00	ug/l	v	15		Envirotech	
MW-4D	12/11/1995	Dissolved Manganese	135.00	ug/l	v	15		Envirotech	
MW-4D	6/18/1996	Dissolved Manganese	90.70	ug/l	v	15		Envirotech	
MW-4D	12/10/1996	Dissolved Manganese	103.00	ug/l	v	15		Envirotech	
MW-4D	6/18/1997	Dissolved Manganese	63.30	ug/l	v	15		UHL	
MW-4D	12/9/1997	Dissolved Manganese	69.80	ug/l	v	15		UHL	
MW-4D	8/19/1998	Dissolved Manganese	95.50	ug/l	v	15		UHL	
MW-4D	12/10/1998	Dissolved Manganese	102.00	ug/l	v	15		UHL	
MW-4D	3/30/2011	Dissolved Manganese	0.39	mg/l					L508799-04
MW-4D	12/9/2014	Dissolved Manganese	0.28	mg/L					L738573-05
MW-4D	9/2/2015	Dissolved Manganese	0.166	mg/L					L787147-05
MW-4D	6/7/2016	Dissolved Manganese	0.469	mg/L					L840417-05
MW-4D	3/7/2017	Dissolved Manganese	0.315	mg/L					L894955-05
MW-4D	6/17/2020	Dissolved Manganese	0.151	mg/L					L1231176-05
MW-4D	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	3/25/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	6/28/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-4D	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-4D	6/18/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-4D	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-4D	8/19/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-4D	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-4D	3/30/2011	Dissolved Organic Carbon	1.20	mg/l					L508799-04
MW-4D	3/30/2011	Ferrous Fe	0.05	mg/l					L508799-04
MW-4D	1/21/1992	Iron	7.20	mg/l	v	0.030		IEA	
MW-4D	11/5/1992	Iron	302.00	ug/l	v	100		Envirotech	
MW-4D	3/25/1993	Iron	948.00	ug/l	v	100		Envirotech	
MW-4D	10/29/1993	Iron	490.00	ug/l	v	100		Envirotech	
MW-4D	3/7/1994	Iron	348.00	ug/l	v	100		Envirotech	
MW-4D	6/21/1994	Iron	284.00	ug/l	v	100		Envirotech	
MW-4D	12/13/1994	Iron	874.00	ug/l	v	100		Envirotech	
MW-4D	6/28/1995	Iron	1990.00	ug/l	v	100		Envirotech	
MW-4D	12/11/1995	Iron	203.00	ug/l	v	100		Envirotech	
MW-4D	6/18/1996	Iron	356.00	ug/l	v	100		Envirotech	
MW-4D	12/10/1996	Iron	1040.00	ug/l	v	100		Envirotech	
MW-4D	6/18/1997	Iron	811.00	ug/l	v	100		UHL	
MW-4D	12/9/1997	Iron	339.00	ug/l	v	100		UHL	
MW-4D	8/19/1998	Iron	302.00	ug/l	v	100		UHL	
MW-4D	12/10/1998	Iron	142.00	ug/l	v	100		UHL	
MW-4D	3/30/2011	Iron	<0.1	mg/l	u				L508799-04
MW-4D	1/21/1992	Laboratory conductivity	110.00	uS/cm	v	1		IEA	
MW-4D	1/21/1992	Laboratory pH	6.90	s.u.	v			IEA	
MW-4D	1/21/1992	Lead	0.0050	mg/l	v	0.005		IEA	
MW-4D	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	3/25/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/28/1995	Lead	4.10	ug/l	v	3		Envirotech	
MW-4D	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-4D	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-4D	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-4D	8/19/1998	Lead	3.00	ug/l	u	3		UHL	
MW-4D	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-4D	1/21/1992	Manganese	0.22	mg/l	v	0.01		IEA	
MW-4D	11/5/1992	Manganese	404.00	ug/l	v	15		Envirotech	
MW-4D	3/25/1993	Manganese	354.00	ug/l	v	15		Envirotech	
MW-4D	10/29/1993	Manganese	191.00	ug/l	v	15		Envirotech	
MW-4D	3/7/1994	Manganese	261.00	ug/l	v	15		Envirotech	
MW-4D	6/21/1994	Manganese	155.00	ug/l	v	15		Envirotech	
MW-4D	12/13/1994	Manganese	192.00	ug/l	v	15		Envirotech	
MW-4D	6/28/1995	Manganese	155.00	ug/l	v	15		Envirotech	
MW-4D	12/11/1995	Manganese	145.00	ug/l	v	15		Envirotech	
MW-4D	6/18/1996	Manganese	104.00	ug/l	v	15		Envirotech	
MW-4D	12/10/1996	Manganese	113.00	ug/l	v	15		Envirotech	
MW-4D	6/18/1997	Manganese	137.00	ug/l	v	15		UHL	
MW-4D	12/9/1997	Manganese	97.30	ug/l	v	15		UHL	
MW-4D	8/19/1998	Manganese	138.00	ug/l	v	15		UHL	
MW-4D	12/10/1998	Manganese	139.00	ug/l	v	15		UHL	
MW-4D	3/30/2011	Manganese	0.25	mg/l					L508799-04
MW-4D	1/21/1992	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-4D	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	3/25/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	6/28/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	12/11/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-4D	6/18/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-4D	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-4D	6/18/1997	Mercury	0.10	ug/l	v	0.10		UHL	
MW-4D	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-4D	8/19/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-4D	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-4D	1/21/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-4D	4/6/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-4D	6/9/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-4D	3/25/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	10/29/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/28/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-4D	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-4D	8/19/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-4D	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-4D	1/21/1992	Methylene chloride	5.00	ug/l	u	5		IEA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-4D	4/6/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-4D	6/9/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-4D	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	3/25/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	10/29/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	6/28/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-4D	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-4D	12/9/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-4D	8/19/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-4D	12/10/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-4D	1/21/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-4D	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	3/25/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	10/29/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	3/7/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	6/21/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	12/13/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	6/28/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	12/11/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	6/18/1996	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-4D	1/21/1992	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	11/5/1992	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	3/25/1993	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	10/29/1993	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	3/7/1994	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	6/21/1994	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	12/13/1994	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	6/28/1995	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	12/11/1995	N-Nitrosodiphenylamine	3.00	ug/l	jv	10			
MW-4D	6/18/1996	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	12/10/1996	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	6/18/1997	N-Nitrosodiphenylamine	10.30	ug/l	u	10.30			
MW-4D	12/9/1997	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	8/19/1998	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	12/10/1998	N-Nitrosodiphenylamine	10.00	ug/l	u	10			
MW-4D	3/30/2011	pH	6.30	s.u.					L508799-04
MW-4D	12/9/2014	Total Iron	0.22	mg/L					L738573-05
MW-4D	9/2/2015	Total Iron	0.238	mg/L					L787147-05
MW-4D	6/7/2016	Total Iron	0.806	mg/L					L840417-05
MW-4D	3/7/2017	Total Iron	0.766	mg/L					L894955-05
MW-4D	6/17/2020	Total Iron	0.527	mg/L					L1231176-05
MW-4D	12/9/2014	Total Manganese	0.28	mg/L					L738573-05
MW-4D	9/2/2015	Total Manganese	0.343	mg/L					L787147-05
MW-4D	6/7/2016	Total Manganese	0.418	mg/L					L840417-05
MW-4D	3/7/2017	Total Manganese	0.389	mg/L					L894955-05
MW-4D	6/17/2020	Total Manganese	0.200	mg/L					L1231176-05
MW-4D	1/21/1992	Total organic carbon	1.00	mg/l	u	1		IEA	
MW-4D	3/30/2011	Total Organic Carbon	2.10	mg/l					L508799-04
MW-4D	1/21/1992	Total organic halides	0.01	mg/l	u	0.01		IEA	
MW-4D	3/30/2011	Total Suspended Solids	10.00	mg/l					L508799-04
MW-5	12/15/1999	1,1,1-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	1,1,1-Trichloroethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,1,1-Trichloroethane	<1.0	ug/L	u		8260 B		L662184-10
MW-5	12/15/1999	1,1,2,2,-Tetrachloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	1,1,2,2,-Tetrachloroethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,1,2,2,-Tetrachloroethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,1,2,2,-Tetrachloroethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	1,1,2-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	1,1,2-Trichloroethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	1,1-Dichloroethane	5.00	ug/L	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/1/2009	1,2,3-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L662184-10
MW-5	12/1/2009	1,2,4-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L662184-10
MW-5	12/1/2009	1,2-Dibromo-3-Chloropropane	<5 UJ	ug/l	UJ		8260 B		L434468-10
MW-5	10/9/2012	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L662184-10
MW-5	12/1/2009	1,2-Dibromoethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,2-Dibromoethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/1/2009	1,2-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	1,2-Dichloroethane (total)	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	1,2-Dichloroethane (total)	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		06121018-09
MW-5	12/15/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/1/2009	1,2-Dichloropropane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,2-Dichloropropane	<1.0	ug/L	u	1			L662184-10
MW-5	12/1/2009	1,3-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L662184-10
MW-5	12/1/2009	1,4-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L662184-10
MW-5	12/13/2002	2-Butanone	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	2-Butanone	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	2-Butanone	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	2-Butanone	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	2-Butanone	ND UJ	ug/l	UJ		8260 B		06121018-09
MW-5	12/1/2009	2-Butanone (MEK)	<10 R	ug/l	R		8260 B		L434468-10
MW-5	10/9/2012	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	2-Butanone (MEK)	<10.0	ug/L	u	10			L662184-10
MW-5	12/15/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	2-Hexanone	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	2-Hexanone	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	2-Hexanone	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	2-Hexanone	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	2-Hexanone	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	2-Hexanone	<10	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	2-Hexanone	<10.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	2-Hexanone	<10.0	ug/L	u	10			L662184-10
MW-5	12/15/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	4-Methyl-2-pentanone	<10	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L662184-10
MW-5	11/21/1988	Acetone	100.00	ug/l	u	100			
MW-5	2/22/1989	Acetone	7.50	ug/l	u	7.5		Radian	
MW-5	5/24/1989	Acetone	25.00	ug/l	u	25		Radian	
MW-5	9/6/1989	Acetone	100.00	ug/l	u	100		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-5	12/12/1989	Acetone	50.00	ug/l	bv	10		Radian	
MW-5	3/13/1990	Acetone	6.10	ug/l	jvb	10		Radian	
MW-5	6/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-5	9/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-5	12/5/1990	Acetone	100.00	ug/l	u	100		IEA	
MW-5	3/6/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-5	6/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-5	9/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-5	1/20/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-5	3/26/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	10/29/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	6/21/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	6/28/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-5	12/9/1997	Acetone	10.00	ug/l	u	10			
MW-5	8/18/1998	Acetone	10.00	ug/l	u	10			
MW-5	12/10/1998	Acetone	10.00	ug/l	u	10			
MW-5	12/15/1999	Acetone	100.00	ug/l	u	100	8260 B	SPLLAF	9912941-02
MW-5	12/13/2002	Acetone	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Acetone	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Acetone	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Acetone	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Acetone	ND R	ug/l	u R		8260 B		06121018-09
MW-5	12/1/2009	Acetone	<50	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Acetone	<50.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Acetone	<50.0	ug/l	u	50			L662184-10
MW-5	11/21/1988	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-5	2/22/1989	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-5	5/24/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-5	9/6/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-5	12/12/1989	Arsenic	0.0027	mg/l	tv	0.002		Radian	
MW-5	3/13/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-5	6/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-5	9/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-5	12/5/1990	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-5	3/6/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-5	6/5/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-5	11/21/1988	Barium	0.03	mg/L	v	0.01		Radian	
MW-5	2/22/1989	Barium	0.03	mg/L	v			Radian	
MW-5	5/24/1989	Barium	0.06	mg/l	v	0.002		Radian	
MW-5	9/6/1989	Barium	0.07	mg/l	v	0.002		Radian	
MW-5	12/12/1989	Barium	0.32	mg/l	v	0.01		Radian	
MW-5	3/13/1990	Barium	0.06	mg/l	v	0.01		Radian	
MW-5	6/12/1990	Barium	0.12	mg/l	v	0.002		Radian	
MW-5	9/12/1990	Barium	0.12	mg/l	v	0.002		Radian	
MW-5	12/5/1990	Barium	0.10	mg/l	u	0.10		IEA	
MW-5	3/6/1991	Barium	0.10	mg/l	u	0.10		IEA	
MW-5	6/5/1991	Barium	0.10	mg/l	u	0.10		IEA	
MW-5	1/20/1992	Barium	0.15	mg/l	v	0.100		IEA	
MW-5	11/4/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	3/26/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/28/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-5	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-5	8/18/1998	Barium	200.00	ug/l	u	200			
MW-5	12/10/1998	Barium	200.00	ug/l	u	200		UHL	
MW-5	12/15/1999	Barium	0.03	mg/l	v	0.01	6010 B	SPLLAF	9912941-02
MW-5	12/14/2000	Barium	0.022	ppm			SW-846 6010		
MW-5	12/10/2001	Barium	0.037	mg/l			SW-846 6010		
MW-5	12/13/2002	Barium	0.048	mg/l			6010 B		02120518-05
MW-5	12/2/2003	Barium	0.0452 U	mg/l	u		6010 B		03120155-02
MW-5	12/1/2004	Barium	0.046	mg/l			6010 B		04120075-08
MW-5	12/13/2005	Barium	0.0383 J	mg/l	j		6010 B		05120626-08
MW-5	12/19/2006	Barium	0.0382 J	mg/l	j		6010 B		06121018-09
MW-5	12/1/2009	Barium	0.039	mg/l			6010 B/6020 B		L434468-10
MW-5	10/9/2012	Barium	0.045 J	mg/l	j		6010 B/6020 B		L600034-10
MW-5	2/22/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-5	5/24/1989	Benzene	2.00	ug/l	u	2		Radian	
MW-5	9/6/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-5	11/16/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-5	12/12/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-5	3/13/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-5	6/12/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-5	9/12/1990	Benzene	4.40	ug/l	u	4.40		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	12/5/1990	Benzene	5.00	ug/l	u	5		IEA	
MW-5	3/6/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-5	6/5/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-5	9/5/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-5	1/20/1992	Benzene	5.00	ug/l	u	5		IEA	
MW-5	11/4/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	3/26/1993	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	10/29/1993	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	3/7/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	6/21/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	12/13/1994	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	6/28/1995	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	12/11/1995	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1996	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	12/10/1996	Benzene	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-5	8/18/1998	Benzene	5.00	ug/l	u	5			
MW-5	6/10/1999	Benzene	1.00	ug/l	u	1		Pace	
MW-5	12/15/1999	Benzene	1.00	ug/l	u	1	8260B	SPLLAF	9912941-02
MW-5	6/6/2000	Benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-02
MW-5	12/14/2000	Benzene	<1	ppb	u		SW-846 8260		
MW-5	6/25/2001	Benzene	<1	ug/l	u		SW-846 8021		
MW-5	12/10/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-5	6/19/2002	Benzene	<0.05	ug/l	u		SW-846 8021		
MW-5	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-05
MW-5	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-08
MW-5	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-02
MW-5	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-08
MW-5	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-08
MW-5	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-08
MW-5	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-08
MW-5	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-5	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-09
MW-5	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-08
MW-5	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-08
MW-5	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-10
MW-5	8/10/2011	Benzene	< 1	ug/l	u		8021 B		L530497-02
MW-5	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-10
MW-5	2/22/1989	bis(2-Ethylhexyl)phthalate	43.00	ug/l	v	10		Radian	
MW-5	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-5	3/6/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-5	9/5/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-5	1/20/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-5	11/4/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	3/26/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	10/29/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	3/7/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	6/21/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	12/13/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	6/28/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	12/11/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	12/10/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1997	bis(2-Ethylhexyl)phthalate	10.30	ug/l	u	10.30		UHL	
MW-5	12/9/1997	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-5	8/18/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-5	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-5	6/10/1999	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-5	12/1/2009	Bromochloromethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Bromochloromethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Bromochloromethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Bromodichloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	Bromodichloromethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Bromodichloromethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Bromodichloromethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Bromodichloromethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Bromodichloromethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Bromodichloromethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Bromodichloromethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Bromodichloromethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	Bromoform	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Bromoform	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Bromoform	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Bromoform	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Bromoform	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Bromoform	<1 UJ	ug/l	UJ		8260 B		L434468-10
MW-5	10/9/2012	Bromoform	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Bromoform	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Bromomethane	10.00	ug/l	u	10	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	Bromomethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Bromomethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Bromomethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Bromomethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Bromomethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Bromomethane	<5	ug/l	u		8260 B		L434468-10

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	10/9/2012	Bromomethane	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Bromomethane	<5.0	ug/L	u	5			L662184-10
MW-5	11/21/1988	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-5	2/22/1989	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-5	5/24/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-5	9/6/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-5	12/12/1989	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-5	3/13/1990	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-5	6/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-5	9/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-5	12/5/1990	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-5	3/6/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-5	6/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-5	9/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-5	1/20/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-5	11/4/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	3/26/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/28/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-5	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-5	8/18/1998	Cadmium	5.00	ug/l	u	5			
MW-5	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-5	6/10/1999	Cadmium	5.00	ug/l	u	5		Pace	
MW-5	12/15/1999	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-02
MW-5	6/6/2000	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLAF	0006308-02
MW-5	12/14/2000	Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-5	6/25/2001	Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-5	12/10/2001	Cadmium	<.005	mg/l	u		SW-846 6010		
MW-5	6/19/2002	Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Cadmium	ND	mg/l	u		6010 B		02120518-05
MW-5	6/18/2003	Cadmium	ND	mg/l	u		6010 B		03060775-08
MW-5	12/2/2003	Cadmium	ND	mg/l	u		6010 B		03120155-02
MW-5	6/8/2004	Cadmium	ND	mg/l	u		6010 B		04060338-08
MW-5	12/1/2004	Cadmium	ND	mg/l	u		6010 B		04120075-08
MW-5	6/14/2005	Cadmium	ND	mg/l	u		6010 B		05060699-08
MW-5	12/13/2005	Cadmium	ND	mg/l	u		6010 B		05120626-08
MW-5	6/27/2006	Cadmium	ND	mg/l	u		6010 B		
MW-5	12/19/2006	Cadmium	ND	mg/l	u		6010 B		06121018-09
MW-5	6/12/2007	Cadmium	ND	mg/l	u		6010 B		07060670-08
MW-5	6/23/2009	Cadmium	<0.0026	mg/l	u		6020		09061301-08
MW-5	12/1/2009	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-10
MW-5	8/10/2011	Cadmium	<0.0005	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L600034-10
MW-5	11/21/1988	Carbon disulfide	5.00	ug/l	u	5			
MW-5	2/22/1989	Carbon disulfide	1.70	ug/l	u	1.70		Radian	
MW-5	5/24/1989	Carbon disulfide	2.00	ug/l	u	2		Radian	
MW-5	9/6/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-5	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-5	12/12/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-5	3/13/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-5	6/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-5	9/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-5	12/5/1990	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-5	3/6/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-5	6/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-5	9/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-5	1/20/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-5	3/26/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-5	10/29/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-5	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-5	6/21/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-5	12/13/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-5	6/28/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-5	12/11/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-5	12/10/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-5	12/9/1997	Carbon disulfide	10.00	ug/l	u	10			
MW-5	8/18/1998	Carbon disulfide	10.00	ug/l	u	10			
MW-5	12/10/1998	Carbon disulfide	10.00	ug/l	u	10			
MW-5	12/15/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	Carbon disulfide	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Carbon disulfide	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Carbon disulfide	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Carbon disulfide	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Carbon disulfide	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Carbon disulfide	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Carbon disulfide	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Carbon disulfide	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	12/13/2002	Carbon tetrachloride	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Carbon tetrachloride	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Carbon tetrachloride	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Carbon tetrachloride	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Carbon tetrachloride	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Carbon tetrachloride	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Carbon tetrachloride	<1.0	ug/L	u	1			L662184-10
MW-5	11/21/1988	Chloride	2.30	mg/l	v			Radian	
MW-5	2/22/1989	Chloride	2.20	mg/l	v			Radian	
MW-5	5/24/1989	Chloride	2.00	mg/l	v			Radian	
MW-5	9/6/1989	Chloride	2.20	mg/l	v				
MW-5	12/12/1989	Chloride	2.30	mg/l	v	0.02		Radian	
MW-5	3/13/1990	Chloride	3.00	mg/l	v	0.02		Radian	
MW-5	6/12/1990	Chloride	3.00	mg/l	v	0.02		Radian	
MW-5	9/12/1990	Chloride	3.50	mg/l	v	0.02		Radian	
MW-5	12/5/1990	Chloride	2.90	mg/l	v			IEA	
MW-5	3/6/1991	Chloride	3.10	mg/l	v				
MW-5	6/5/1991	Chloride	3.10	mg/l	v			IEA	
MW-5	12/15/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLAF	9912941-02
MW-5	12/13/2002	Chlorobenzene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Chlorobenzene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Chlorobenzene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Chlorobenzene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Chlorobenzene	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Chlorobenzene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Chlorobenzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Chlorobenzene	<1.0	ug/L	u	1			L662184-10
MW-5	12/1/2009	Chlorodibromomethane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Chlorodibromomethane	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLAF	9912941-02
MW-5	12/13/2002	Chloroethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Chloroethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Chloroethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Chloroethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Chloroethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Chloroethane	<5 UJ	ug/l	UJ		8260 B		L434468-10
MW-5	10/9/2012	Chloroethane	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Chloroethane	<5.0	ug/L	u	5			L662184-10
MW-5	2/22/1989	Chloroform	1.60	ug/l	u	1.60		Radian	
MW-5	5/24/1989	Chloroform	2.00	ug/l	u	2		Radian	
MW-5	9/6/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-5	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-5	12/12/1989	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-5	3/13/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-5	6/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-5	9/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-5	12/5/1990	Chloroform	5.00	ug/l	u	5		IEA	
MW-5	3/6/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-5	6/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-5	9/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-5	1/20/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-5	11/4/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	3/26/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	10/29/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	6/28/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-5	8/18/1998	Chloroform	5.00	ug/l	u	5			
MW-5	12/15/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLAF	9912941-02
MW-5	12/13/2002	Chloroform	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Chloroform	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Chloroform	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Chloroform	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Chloroform	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Chloroform	<5	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Chloroform	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Chloroform	<5.0	ug/L	u	5			L662184-10
MW-5	12/15/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLAF	9912941-02
MW-5	12/13/2002	Chloromethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Chloromethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Chloromethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Chloromethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Chloromethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Chloromethane	<2.5	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Chloromethane	<2.5	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Chloromethane	<2.5	ug/L	u	2.5			L662184-10
MW-5	11/21/1988	Chromium	0.03	ug/L	u	0.03		Radian	
MW-5	2/22/1989	Chromium	0.03	ug/L	u	0.03		Radian	
MW-5	5/24/1989	Chromium	0.01	mg/l	u	0.007		Radian	
MW-5	9/6/1989	Chromium	0.01	mg/l	u	0.007		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	12/12/1989	Chromium	0.01	mg/l	u	0.01		Radian	
MW-5	3/13/1990	Chromium	0.054	mg/l	v	0.01		Radian	
MW-5	6/12/1990	Chromium	0.028	mg/l	v	0.007		Radian	
MW-5	9/12/1990	Chromium	0.034	mg/l	v	0.007		Radian	
MW-5	12/5/1990	Chromium	0.03	mg/l	u	0.03		IEA	
MW-5	3/6/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-5	6/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-5	9/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-5	1/20/1992	Chromium	0.060	mg/l	v	0.01		IEA	
MW-5	6/8/1992	Chromium	0.050	mg/l	v			IEA	
MW-5	11/4/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	3/26/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/28/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-5	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-5	8/18/1998	Chromium	10.00	ug/l	u	10			
MW-5	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-5	6/10/1999	Chromium	10.00	ug/l	u	10		Pace	
MW-5	12/15/1999	Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-02
MW-5	6/6/2000	Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-02
MW-5	12/14/2000	Chromium	< 0.01	ppm	u		SW-846 6010		
MW-5	6/25/2001	Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-5	12/10/2001	Chromium	<.005	mg/l	u		SW-846 6010		
MW-5	6/19/2002	Chromium	< 0.00068	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Chromium	ND	mg/l	u		6010 B		02120518-05
MW-5	6/18/2003	Chromium	ND	mg/l	u		6010 B		03060775-08
MW-5	12/2/2003	Chromium	ND	mg/l	u		6010 B		03120155-02
MW-5	6/8/2004	Chromium	ND	mg/l	u		6010 B		04060338-08
MW-5	12/1/2004	Chromium	ND	mg/l	u		6010 B		04120075-08
MW-5	6/14/2005	Chromium	ND	mg/l	u		6010 B		05060699-08
MW-5	12/13/2005	Chromium	ND	mg/l	u		6010 B		05120626-08
MW-5	6/27/2006	Chromium	ND	mg/l	u		6010 B		
MW-5	12/19/2006	Chromium	ND	mg/l	u		6010 B		06121018-09
MW-5	6/12/2007	Chromium	ND	mg/l	u		6010 B		07060670-08
MW-5	6/23/2009	Chromium	0.00325 J	mg/l	j		6020		09061301-08
MW-5	12/1/2009	Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-10
MW-5	8/10/2011	Chromium	<0.010	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-10
MW-5	12/15/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLA	9912941-02
MW-5	12/13/2002	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	cis-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	cis-1,2-Dichloroethene	<1.0	ug/l	u	1			L662184-10
MW-5	12/15/1999	cis-1,3-Dichloropropene	5.00	ug/L	u	5	8260B	SPLLA	9912941-02
MW-5	12/13/2002	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-09
MW-5	10/9/2012	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u	1			L662184-10
MW-5	12/1/2009	cis-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-10
MW-5	3/6/1991	Copper	0.030	mg/l	v				
MW-5	12/1/2009	Cyclohexane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Cyclohexane	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Cyclohexane	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Dibromochloromethane	5.00	ug/l	u	5	8260B	SPLLA	9912941-02
MW-5	12/13/2002	Dibromochloromethane	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Dibromochloromethane	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Dibromochloromethane	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Dibromochloromethane	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Dibromochloromethane	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Dichlorodifluoromethane	<5	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Dichlorodifluoromethane	<5.0	ug/L	u	5			L662184-10
MW-5	2/22/1989	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	11/16/1989	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	3/6/1991	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	9/5/1991	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	1/20/1992	Di-n-butyl phthalate	13.00	ug/l	v	10		IEA	
MW-5	11/4/1992	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	3/26/1993	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	10/29/1993	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	3/7/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	6/21/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	12/13/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	6/28/1995	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	12/11/1995	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	6/18/1996	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	12/10/1996	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	6/18/1997	Di-n-butyl phthalate	10.30	ug/l	u	10.30			
MW-5	12/9/1997	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	8/18/1998	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	12/10/1998	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	6/10/1999	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-5	11/4/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	3/26/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/28/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-5	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-5	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-5	8/18/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-5	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-5	12/15/1999	Dissolved Barium	0.031	mg/l	v	0.01	6010B	SPLLAF	9912941-02
MW-5	12/14/2000	Dissolved Barium	0.023	ppm			SW-846 6010		
MW-5	12/10/2001	Dissolved Barium	0.035	mg/l			SW-846 6010		
MW-5	12/13/2002	Dissolved Barium	0.039	mg/l			6010 B		02120518-05
MW-5	12/2/2003	Dissolved Barium	0.0458 U	mg/l	u		6010 B		03120155-02
MW-5	12/1/2004	Dissolved Barium	0.045	mg/l			6010 B		04120075-08
MW-5	12/13/2005	Dissolved Barium	0.0352 J	mg/l	j		6010 B		05120626-08
MW-5	12/19/2006	Dissolved Barium	0.0363 J	mg/l	j		6010 B		06121018-09
MW-5	12/1/2009	Dissolved Barium	0.038	mg/l			6010 B/6020 B		L434468-10
MW-5	10/9/2012	Dissolved Barium	0.041 J	mg/l	j		6010 B/6020 B		L600034-10
MW-5	10/8/2013	Dissolved Barium	0.031 J	mg/L	j				L662184-10
MW-5	11/4/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	3/26/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/28/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-5	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-5	8/18/1998	Dissolved Cadmium	5.00	ug/l	u	5			
MW-5	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-5	6/10/1999	Dissolved Cadmium	5.00	ug/l	u	5		Pace	
MW-5	12/15/1999	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-02
MW-5	6/6/2000	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLAF	0006308-02
MW-5	12/14/2000	Dissolved Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-5	6/25/2001	Dissolved Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-5	12/10/2001	Dissolved Cadmium	.00209 j	mg/l	j		SW-846 6010		
MW-5	6/19/2002	Dissolved Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Dissolved Cadmium	ND	mg/l	u		6010 B		02120518-05
MW-5	6/18/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03060775-08
MW-5	12/2/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03120155-02
MW-5	6/8/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04060338-08
MW-5	12/1/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04120075-08
MW-5	6/14/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05060699-08
MW-5	12/13/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05120626-08
MW-5	6/27/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		
MW-5	12/19/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		06121018-09
MW-5	6/12/2007	Dissolved Cadmium	ND	mg/l	u		6010 B		07060670-08
MW-5	6/23/2009	Dissolved Cadmium	<0.0026	mg/l	u		6020		09061301-08
MW-5	12/1/2009	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-10
MW-5	8/10/2011	Dissolved Cadmium	<0.0005	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Dissolved Cadmium	<0.0005 UJ	mg/l	UJ		6010 B/6020 B		L600034-10
MW-5	10/8/2013	Dissolved Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-10
MW-5	6/8/1992	Dissolved Chromium	0.01	mg/l	u	0.01		IEA	
MW-5	11/4/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	3/26/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/28/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-5	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-5	8/18/1998	Dissolved Chromium	10.00	ug/l	u	10			
MW-5	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-5	6/10/1999	Dissolved Chromium	10.00	ug/l	u	10		Pace	
MW-5	12/15/1999	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-02

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	6/6/2000	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-02
MW-5	12/14/2000	Dissolved Chromium	< 0.01	ppm	u		SW-846 6010		
MW-5	6/25/2001	Dissolved Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-5	12/10/2001	Dissolved Chromium	<0.005	mg/l	u		SW-846 6010		
MW-5	6/19/2002	Dissolved Chromium	< 0.00068	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Dissolved Chromium	ND	mg/l	u		6010 B		02120518-05
MW-5	6/18/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03060775-08
MW-5	12/2/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03120155-02
MW-5	6/8/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04060338-08
MW-5	12/1/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04120075-08
MW-5	6/14/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05060699-08
MW-5	12/13/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05120626-08
MW-5	6/27/2006	Dissolved Chromium	ND	mg/l	u		6010 B		
MW-5	12/19/2006	Dissolved Chromium	ND	mg/l	u		6010 B		06121018-09
MW-5	6/12/2007	Dissolved Chromium	ND	mg/l	u		6010 B		07060670-08
MW-5	6/23/2009	Dissolved Chromium	0.00285 J	mg/l	j		6020		09061301-08
MW-5	12/1/2009	Dissolved Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-10
MW-5	8/10/2011	Dissolved Chromium	<0.010	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Dissolved Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-10
MW-5	10/8/2013	Dissolved Chromium	<0.010	mg/L	u	0.01			L662184-10
MW-5	11/4/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	3/26/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	10/29/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	3/7/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	6/21/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	12/13/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	6/28/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	12/11/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	6/18/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	12/10/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-5	6/18/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-5	12/9/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-5	8/18/1998	Dissolved Iron	100.00	ug/l	u	100			
MW-5	12/10/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-5	12/15/1999	Dissolved Iron	0.02	mg/l	u	0.02	6010B	SPLLA	9912941-02
MW-5	12/14/2000	Dissolved Iron	< 0.02	ppm	u		SW-846 6010		
MW-5	12/10/2001	Dissolved Iron	0106 j	mg/l	j		SW-846 6010		
MW-5	12/13/2002	Dissolved Iron	ND	mg/l	u		6010 B		02120518-05
MW-5	12/2/2003	Dissolved Iron	ND	mg/l	u		6010 B		03120155-02
MW-5	12/1/2004	Dissolved Iron	ND	mg/l	u		6010 B		04120075-08
MW-5	12/13/2005	Dissolved Iron	ND	mg/l	u		6010 B		05120626-08
MW-5	12/19/2006	Dissolved Iron	ND	mg/l	u		6010 B		06121018-09
MW-5	12/1/2009	Dissolved Iron	<0.1	mg/l	u		6010 B/6020 B		L434468-10
MW-5	3/30/2011	Dissolved Iron	<0.1	mg/l	u				L508799-05
MW-5	8/10/2011	Dissolved Iron	<0.100	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Dissolved Iron	<0.100	mg/l	u		6010 B/6020 B		L600034-10
MW-5	10/8/2013	Dissolved Iron	<0.100	mg/L	u	0.1			L662184-10
MW-5	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-06
MW-5	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-06
MW-5	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-06
MW-5	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-06
MW-5	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-06
MW-5	11/4/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	3/26/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	12/13/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/28/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-5	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-5	8/18/1998	Dissolved Lead	3.00	ug/l	u	3			
MW-5	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-5	6/10/1999	Dissolved Lead	3.00	ug/l	u	3		Pace	
MW-5	12/15/1999	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-02
MW-5	6/6/2000	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-02
MW-5	6/25/2001	Dissolved Lead	< 0.01	mg/l	u		SW-846 6010		
MW-5	12/10/2001	Dissolved Lead	<.005	mg/l	u		SW-846 6010		
MW-5	6/19/2002	Dissolved Lead	< 0.00143	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Dissolved Lead	ND	mg/l	u		6010 B		02120518-05
MW-5	6/18/2003	Dissolved Lead	ND	mg/l	u		6010 B		03060775-08
MW-5	12/2/2003	Dissolved Lead	ND	mg/l	u		6010 B		03120155-02
MW-5	6/8/2004	Dissolved Lead	ND	mg/l	u		6010 B		04060338-08
MW-5	12/1/2004	Dissolved Lead	ND	mg/l	u		6010 B		04120075-08
MW-5	6/14/2005	Dissolved Lead	ND	mg/l	u		6010 B		05060699-08
MW-5	12/13/2005	Dissolved Lead	ND	mg/l	u		6010 B		05120626-08
MW-5	6/27/2006	Dissolved Lead	ND	mg/l	u		6010 B		
MW-5	12/19/2006	Dissolved Lead	ND	mg/l	u		6010 B		06121018-09
MW-5	6/12/2007	Dissolved Lead	ND	mg/l	u		6010 B		07060670-08
MW-5	6/23/2009	Dissolved Lead	<0.0022	mg/l	u		6020		09061301-08
MW-5	12/1/2009	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-10
MW-5	8/10/2011	Dissolved Lead	<0.001	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Dissolved Lead	<0.001 UJ	mg/l	UJ		6010 B/6020 B		L600034-10
MW-5	10/8/2013	Dissolved Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-10

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	11/4/1992	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	3/26/1993	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	10/29/1993	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	3/7/1994	Dissolved Manganese	17.70	ug/l	v	15		Envirotech	
MW-5	6/21/1994	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	12/13/1994	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	6/28/1995	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	12/11/1995	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	6/18/1996	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	12/10/1996	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	6/18/1997	Dissolved Manganese	15.00	ug/l	u	15		UHL	
MW-5	12/9/1997	Dissolved Manganese	15.00	ug/l	u	15		UHL	
MW-5	8/18/1998	Dissolved Manganese	15.00	ug/l	u	15			
MW-5	12/10/1998	Dissolved Manganese	15.00	ug/l	u	15		UHL	
MW-5	12/15/1999	Dissolved Manganese	0.01	mg/l	u	0.01	6010B	SPLAF	9912941-02
MW-5	12/14/2000	Dissolved Manganese	< 0.01	ppm	u		SW-846 6010		
MW-5	12/10/2001	Dissolved Manganese	0.01	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Dissolved Manganese	ND	mg/l	u		6010 B		02120518-05
MW-5	12/2/2003	Dissolved Manganese	ND	mg/l	u		6010 B		03120155-02
MW-5	12/1/2004	Dissolved Manganese	ND	mg/l	u		6010 B		04120075-08
MW-5	12/13/2005	Dissolved Manganese	ND	mg/l	u		6010 B		05120626-08
MW-5	12/19/2006	Dissolved Manganese	ND	mg/l	u		6010 B		06121018-09
MW-5	12/1/2009	Dissolved Manganese	<0.002	mg/l	u		6010 B/6020 B		L434468-10
MW-5	3/30/2011	Dissolved Manganese	<0.01	mg/l	u				L508799-05
MW-5	8/10/2011	Dissolved Manganese	<0.002	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Dissolved Manganese	0.0041 UJ	mg/l	UJ		6010 B/6020 B		L600034-10
MW-5	10/8/2013	Dissolved Manganese	<0.002 UJ	mg/l	u	0.002 UJ			L662184-10
MW-5	12/9/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-06
MW-5	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-06
MW-5	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-06
MW-5	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-06
MW-5	6/17/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-06
MW-5	11/4/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	3/26/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	6/28/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-5	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-5	6/18/1997	Dissolved Mercury	0.115	ug/l	v	0.10		UHL	
MW-5	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-5	8/18/1998	Dissolved Mercury	0.10	ug/l	u	0.10			
MW-5	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-5	6/10/1999	Dissolved Mercury	0.20	ug/l	u	0.20		Pace	
MW-5	12/15/1999	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470A	SPLAF	9912941-02
MW-5	6/6/2000	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLAF	0006308-02
MW-5	12/14/2000	Dissolved Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-5	6/25/2001	Dissolved Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-5	12/10/2001	Dissolved Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-5	6/19/2002	Dissolved Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-5	12/13/2002	Dissolved Mercury	ND	mg/l	u		7470 A		02120518-05
MW-5	6/18/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03060775-08
MW-5	12/2/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03120155-02
MW-5	6/8/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04060338-08
MW-5	12/1/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04120075-08
MW-5	6/14/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05060699-08
MW-5	12/13/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05120626-08
MW-5	6/27/2006	Dissolved Mercury	ND	mg/l	u		7470 A		
MW-5	12/19/2006	Dissolved Mercury	ND	mg/l	u		7470 A		06121018-09
MW-5	6/12/2007	Dissolved Mercury	ND	mg/l	u		7470 A		07060670-08
MW-5	6/23/2009	Dissolved Mercury	<0.000073	mg/l	u		7470 A		09061301-08
MW-5	12/1/2009	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L434468-10
MW-5	8/10/2011	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L530497-02
MW-5	10/9/2012	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L600034-10
MW-5	10/8/2013	Dissolved Mercury	<0.0002 UJ	mg/L	u j	0.0002 UJ			L662184-10
MW-5	3/30/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L508799-05
MW-5	5/24/1989	EPA 420 (Phenols)	0.0050	ug/l	u	0.005		Radian	
MW-5	12/15/1999	Ethyl benzene	5.00	ug/l	u	5	8260B	SPLAF	9912941-02
MW-5	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021B	SPLAF	0006308-02
MW-5	6/25/2001	Ethyl benzene	<1	ug/l	u		SW-846 8021		
MW-5	6/19/2002	Ethyl benzene	< 0.09	ug/l	u		SW-846 8021		
MW-5	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-05
MW-5	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-08
MW-5	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-02
MW-5	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-08
MW-5	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-08
MW-5	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-08
MW-5	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-08
MW-5	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-5	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-09
MW-5	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-08
MW-5	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-08
MW-5	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-10
MW-5	8/10/2011	Ethyl benzene	< 1	ug/l	u		8021 B		L530497-02

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-10
MW-5	3/30/2011	Ferrous Fe	0	mg/l					L508799-05
MW-5	11/21/1988	Fluoride	0.0050	mg/l	u	0.005			
MW-5	2/22/1989	Fluoride	0.09	mg/l	v			Radian	
MW-5	5/24/1989	Fluoride	0.06	mg/l	v			Radian	
MW-5	9/6/1989	Fluoride	0.10	mg/l	v				
MW-5	12/12/1989	Fluoride	0.07	mg/l	v	0.005		Radian	
MW-5	3/13/1990	Fluoride	0.11	mg/l	v	0.050		Radian	
MW-5	6/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-5	9/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-5	12/5/1990	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-5	3/6/1991	Fluoride	0.10	mg/l	v				
MW-5	6/5/1991	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-5	11/21/1988	Iron	0.04	ug/L	u	0.04		Radian	
MW-5	2/22/1989	Iron	2.20	mg/L	v			Radian	
MW-5	5/24/1989	Iron	1.70	mg/l	v	0.007		Radian	
MW-5	9/6/1989	Iron	2.80	mg/l	v	0.007		Radian	
MW-5	12/12/1989	Iron	16.00	mg/l	v	0.04		Radian	
MW-5	3/13/1990	Iron	0.95	mg/l	v	0.040		Radian	
MW-5	6/12/1990	Iron	14.00	mg/l	v	0.007		Radian	
MW-5	9/12/1990	Iron	17.00	mg/l	v	0.007		Radian	
MW-5	12/5/1990	Iron	4.40	mg/l	v			IEA	
MW-5	3/6/1991	Iron	8.00	mg/l	v			IEA	
MW-5	6/5/1991	Iron	2.10	mg/l	v			IEA	
MW-5	1/20/1992	Iron	26.00	mg/l	v	0.03		IEA	
MW-5	11/4/1992	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	3/26/1993	Iron	249.00	ug/l	v	100		Envirotech	
MW-5	10/29/1993	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	3/7/1994	Iron	103.00	ug/l	v	100		Envirotech	
MW-5	6/21/1994	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	12/13/1994	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	6/28/1995	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	12/11/1995	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	6/18/1996	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	12/10/1996	Iron	100.00	ug/l	u	100		Envirotech	
MW-5	6/18/1997	Iron	100.00	ug/l	u	100		UHL	
MW-5	12/9/1997	Iron	100.00	ug/l	u	100		UHL	
MW-5	8/18/1998	Iron	100.00	ug/l	u	100			
MW-5	12/10/1998	Iron	107.00	ug/l	v	100			
MW-5	12/15/1999	Iron	0.02	mg/l	u	0.02	6010B	SPLLA	9912941-02
MW-5	12/14/2000	Iron	<0.02	ppm	u		SW-846 6010		
MW-5	12/10/2001	Iron	0.35	mg/l			SW-846 6010		
MW-5	12/13/2002	Iron	0.12	mg/l			6010 B		02120518-05
MW-5	12/2/2003	Iron	0.02	mg/l			6010 B		03120155-02
MW-5	12/1/2004	Iron	0.14	mg/l			6010 B		04120075-08
MW-5	12/13/2005	Iron	0.074 J	mg/l	j		6010 B		05120626-08
MW-5	12/19/2006	Iron	0.0455 J	mg/l	j		6010 B		06121018-09
MW-5	12/1/2009	Iron	<0.1	mg/l	u		6010 B/6020 B		L434468-10
MW-5	3/30/2011	Iron	<0.1	mg/l	u				L508799-05
MW-5	8/10/2011	Iron	<0.100	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Iron	0.37 J	mg/l	j		6010 B/6020 B		L600034-10
MW-5	12/1/2009	Isopropylbenzene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Isopropylbenzene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Isopropylbenzene	<1.0	ug/L	u	1			L662184-10
MW-5	11/21/1988	Laboratory conductivity	190.00	umhos/cm	v				
MW-5	2/22/1989	Laboratory conductivity	300.00	umhos/cm	v			Radian	
MW-5	5/24/1989	Laboratory conductivity	320.00	umhos/cm	v			Radian	
MW-5	9/6/1989	Laboratory conductivity	290.00	umhos/cm	v				
MW-5	11/16/1989	Laboratory conductivity	320.00	umhos/cm	v			Radian	
MW-5	9/5/1991	Laboratory conductivity	260.00	uS/cm	v			IEA	
MW-5	1/20/1992	Laboratory conductivity	190.00	uS/cm	v	1		IEA	
MW-5	11/21/1988	Laboratory pH	5.89	s.u.	v				
MW-5	2/22/1989	Laboratory pH	6.52	s.u.	v			Radian	
MW-5	5/24/1989	Laboratory pH	6.60	s.u.	v			Radian	
MW-5	9/6/1989	Laboratory pH	6.40	s.u.	v				
MW-5	11/16/1989	Laboratory pH	6.10	s.u.	v			Radian	
MW-5	9/5/1991	Laboratory pH	6.50	s.u.	v			IEA	
MW-5	1/20/1992	Laboratory pH	6.40	s.u.	v			IEA	
MW-5	11/21/1988	Lead	0.0020	mg/L	v	0.001		Radian	
MW-5	2/22/1989	Lead	0.0050	mg/L	v	0.002		Radian	
MW-5	5/24/1989	Lead	0.0020	mg/l	v	0.002		Radian	
MW-5	9/6/1989	Lead	0.006	mg/l	v	0.002		Radian	
MW-5	12/12/1989	Lead	0.010	mg/l	v	0.002		Radian	
MW-5	3/13/1990	Lead	0.008	mg/l	v	0.003		Radian	
MW-5	6/12/1990	Lead	0.020	mg/l	v	0.003		Radian	
MW-5	9/12/1990	Lead	0.015	mg/l	v	0.003		Radian	
MW-5	12/5/1990	Lead	0.0050	mg/l	u	0.005		IEA	
MW-5	3/6/1991	Lead	0.008	mg/l	v			IEA	
MW-5	6/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-5	9/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-5	1/20/1992	Lead	0.013	mg/l	v	0.005		IEA	
MW-5	11/4/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	3/26/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/28/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-5	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-5	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-5	8/18/1998	Lead	3.00	ug/l	u	3			
MW-5	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-5	6/10/1999	Lead	3.00	ug/l	u	3		Pace	
MW-5	12/15/1999	Lead	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-02
MW-5	6/6/2000	Lead	0.01	mg/l	u	0.01	6010B	SPLLAF	0006308-02
MW-5	12/14/2000	Lead	< 0.01	ppm	u		SW-846 6010		
MW-5	6/25/2001	Lead	< 0.01	mg/l	u		SW-846 6010		
MW-5	12/10/2001	Lead	<.005	mg/l	u		SW-846 6010		
MW-5	6/19/2002	Lead	<0.00143	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Lead	ND	mg/l	u		6010 B		02120518-05
MW-5	6/18/2003	Lead	ND	mg/l	u		6010 B		03060775-08
MW-5	12/2/2003	Lead	ND	mg/l	u		6010 B		03120155-02
MW-5	6/8/2004	Lead	ND	mg/l	u		6010 B		04060338-08
MW-5	12/1/2004	Lead	ND	mg/l	u		6010 B		04120075-08
MW-5	6/14/2005	Lead	ND	mg/l	u		6010 B		05060699-08
MW-5	12/13/2005	Lead	ND	mg/l	u		6010 B		05120626-08
MW-5	6/27/2006	Lead	ND	mg/l	u		6010 B		
MW-5	12/19/2006	Lead	ND	mg/l	u		6010 B		06121018-09
MW-5	6/12/2007	Lead	ND	mg/l	u		6010 B		07060670-08
MW-5	6/23/2009	Lead	<0.0022	mg/l	u		6020		09061301-08
MW-5	12/1/2009	Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-10
MW-5	8/10/2011	Lead	<0.001	mg/l	u		6020		L530497-02
MW-5	10/9/2012	Lead	<0.001	mg/l	u		6010 B/6020 B		L600034-10
MW-5	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5			
MW-5	12/15/1999	m&p-Xylenes	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-05
MW-5	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-08
MW-5	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-02
MW-5	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-08
MW-5	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-08
MW-5	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-08
MW-5	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-08
MW-5	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-5	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-09
MW-5	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-08
MW-5	6/23/2009	m&p-Xylenes	< 1	ug/l	u		8021 B		09061301-08
MW-5	11/21/1988	Manganese	0.09	mg/L	v			Radian	
MW-5	2/22/1989	Manganese	0.09	mg/L	v			Radian	
MW-5	5/24/1989	Manganese	0.11	mg/l	v	0.002		Radian	
MW-5	9/6/1989	Manganese	0.10	mg/l	v	0.002		Radian	
MW-5	12/12/1989	Manganese	0.43	mg/l	v	0.01		Radian	
MW-5	3/13/1990	Manganese	0.12	mg/l	v	0.01		Radian	
MW-5	6/12/1990	Manganese	0.27	mg/l	v	0.002		Radian	
MW-5	9/12/1990	Manganese	0.24	mg/l	v	0.002		Radian	
MW-5	12/5/1990	Manganese	0.09	mg/l	v			IEA	
MW-5	3/6/1991	Manganese	0.15	mg/l	v			IEA	
MW-5	6/5/1991	Manganese	0.09	mg/l	v			IEA	
MW-5	1/20/1992	Manganese	0.21	mg/l	v	0.01		IEA	
MW-5	11/4/1992	Manganese	15.10	ug/l	v	15		Envirotech	
MW-5	3/26/1993	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	10/29/1993	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	3/7/1994	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	6/21/1994	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	12/13/1994	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	6/28/1995	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	12/11/1995	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	6/18/1996	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	12/10/1996	Manganese	15.00	ug/l	u	15		Envirotech	
MW-5	6/18/1997	Manganese	15.00	ug/l	u	15		UHL	
MW-5	12/9/1997	Manganese	15.00	ug/l	u	15		UHL	
MW-5	8/18/1998	Manganese	15.00	ug/l	u	15			
MW-5	12/10/1998	Manganese	15.00	ug/l	u	15		UHL	
MW-5	12/15/1999	Manganese	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-02
MW-5	12/14/2000	Manganese	< 0.01	ppm	u		SW-846 6010		
MW-5	12/10/2001	Manganese	0.02	mg/l	u		SW-846 6010		
MW-5	12/13/2002	Manganese	ND	mg/l	u		6010 B		02120518-05
MW-5	12/2/2003	Manganese	ND	mg/l	u		6010 B		03120155-02
MW-5	12/1/2004	Manganese	ND	mg/l	u		6010 B		04120075-08
MW-5	12/13/2005	Manganese	ND	mg/l	u		6010 B		05120626-08
MW-5	12/19/2006	Manganese	ND	mg/l	u		6010 B		06121018-09
MW-5	12/1/2009	Manganese	<0.002	mg/l	u		6010 B/6020 B		L434468-10
MW-5	3/30/2011	Manganese	<0.01	mg/l	u				L508799-05
MW-5	8/10/2011	Manganese	0.0037 J	mg/l	j		6020		L530497-02
MW-5	10/9/2012	Manganese	0.0066 J	mg/l	j		6010 B/6020 B		L600034-10
MW-5	11/21/1988	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-5	2/22/1989	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-5	5/24/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-5	9/6/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-5	12/12/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-5	3/13/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	6/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-5	9/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-5	12/5/1990	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-5	3/6/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-5	6/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-5	9/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-5	1/20/1992	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-5	11/4/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	3/26/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	6/28/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-5	12/11/1995	Mercury	0.41	ug/l	v	0.20		Envirotech	
MW-5	6/18/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-5	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-5	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-5	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-5	8/18/1998	Mercury	0.10	ug/l	u	0.10			
MW-5	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-5	6/10/1999	Mercury	0.20	ug/l	u	0.20		Pace	
MW-5	12/15/1999	Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLAF	9912941-02
MW-5	6/6/2000	Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLLAF	0006308-02
MW-5	12/14/2000	Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-5	6/25/2001	Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-5	12/10/2001	Mercury	<.0002	mg/l	u		SW-846 7470		
MW-5	6/19/2002	Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-5	12/13/2002	Mercury	ND	mg/l	u		7470 A		02120518-05
MW-5	6/18/2003	Mercury	ND	mg/l	u		7470 A		03060775-08
MW-5	12/2/2003	Mercury	ND	mg/l	u		7470 A		03120155-02
MW-5	6/8/2004	Mercury	ND	mg/l	u		7470 A		04060338-08
MW-5	12/1/2004	Mercury	ND	mg/l	u		7470 A		04120075-08
MW-5	6/14/2005	Mercury	ND	mg/l	u		7470 A		05060699-08
MW-5	12/13/2005	Mercury	ND	mg/l	u		7470 A		05120626-08
MW-5	6/27/2006	Mercury	ND	mg/l	u		7470 A		
MW-5	12/19/2006	Mercury	ND	mg/l	u		7470 A		06121018-09
MW-5	6/12/2007	Mercury	ND	mg/l	u		7470 A		07060670-08
MW-5	6/23/2009	Mercury	<0.000073	mg/l	u		7470 A		09061301-08
MW-5	12/1/2009	Mercury	<0.0002	mg/l	u		7470 A		L434468-10
MW-5	8/10/2011	Mercury	<0.0002	mg/l	u		7470 A		L530497-02
MW-5	10/9/2012	Mercury	<0.0002 J	mg/l	j		7470 A		L600034-10
MW-5	12/1/2009	Methyl Acetate	<20	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Methyl Acetate	<20.0 UJ	ug/l	UJ		8260 B		L600034-10
MW-5	10/8/2013	Methyl Acetate	<20.0	ug/L	u	20			L662184-10
MW-5	12/1/2009	Methyl Cyclohexane	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Methyl Cyclohexane	<1.0 R	ug/l	R		8260 B		L600034-10
MW-5	10/8/2013	Methyl Cyclohexane	<1.0	ug/L	u	1			L662184-10
MW-5	11/21/1988	Methyl ethyl ketone	100.00	ug/l	u	100			
MW-5	2/22/1989	Methyl ethyl ketone	25.00	ug/l	u	25		Radian	
MW-5	5/24/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-5	9/6/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-5	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-5	12/12/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-5	3/13/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-5	6/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-5	9/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-5	12/5/1990	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-5	3/6/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-5	6/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-5	9/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-5	1/20/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-5	3/26/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	10/29/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	6/28/1995	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-5	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-5	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-5	8/18/1998	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-5	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-5	12/15/1999	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-5	12/1/2009	Methyl tert-butyl ether	<1	ug/l	u		8260 B	SPLLAF	9912941-02
MW-5	10/9/2012	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L434468-10
MW-5	10/8/2013	Methyl tert-butyl ether	<1.0	ug/L	u	1			L600034-10
MW-5	11/21/1988	Methylene chloride	5.00	ug/l	u	5			
MW-5	2/22/1989	Methylene chloride	9.00	ug/l	bv	2.80		Radian	
MW-5	5/24/1989	Methylene chloride	11.00	ug/l	v	10		Radian	
MW-5	9/6/1989	Methylene chloride	21.00	ug/l	v	5		Radian	
MW-5	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-5	12/12/1989	Methylene chloride	2.80	ug/l	jvb	5		Radian	
MW-5	3/13/1990	Methylene chloride	6.80	ug/l	bv	5		Radian	
MW-5	6/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	9/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-5	12/5/1990	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-5	3/6/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-5	6/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-5	9/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-5	11/20/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-5	11/4/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	3/26/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	10/29/1993	Methylene chloride	0.90	ug/l	jv	5		Envirotech	
MW-5	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	6/28/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-5	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-5	12/9/1997	Methylene chloride	5.00	ug/l	u	5			
MW-5	8/18/1998	Methylene chloride	5.03	ug/l	bv	5			
MW-5	12/10/1998	Methylene chloride	5.00	ug/l	u	5			
MW-5	12/15/1999	Methylene chloride	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	12/13/2002	Methylene chloride	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Methylene chloride	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Methylene chloride	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Methylene chloride	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Methylene chloride	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Methylene chloride	<5	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Methylene chloride	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Methylene chloride	<5.0	ug/L	u	5			L662184-10
MW-5	2/22/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-5	11/16/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-5	3/6/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-5	9/5/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-5	11/4/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	3/26/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	10/29/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	3/7/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	6/21/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	12/13/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	6/28/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	12/11/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	6/18/1996	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-5	12/10/1996	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-5	6/18/1997	Naphthalene (SVOA)	10.30	ug/l	u	10.30			
MW-5	12/9/1997	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-5	8/18/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-5	12/10/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-5	6/10/1999	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-5	11/21/1988	Nitrate/Nitrite	0.04	mg/l	v	0.02		Radian	
MW-5	2/22/1989	Nitrate/Nitrite	0.43	mg/l	v	0.02		Radian	
MW-5	5/24/1989	Nitrate/Nitrite	0.18	mg/l	v			Radian	
MW-5	9/6/1989	Nitrate/Nitrite	0.09	mg/l	v				
MW-5	12/12/1989	Nitrate/Nitrite	0.26	mg/l	v	0.02		Radian	
MW-5	3/13/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-5	6/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-5	9/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-5	12/5/1990	Nitrate/Nitrite	0.10	mg/l	u	0.10		IEA	
MW-5	3/6/1991	Nitrate/Nitrite	0.03	mg/l	v				
MW-5	6/5/1991	Nitrate/Nitrite	0.02	mg/l	u	0.02		IEA	
MW-5	6/10/1999	o-Xylene	5.00	ug/l	u	5			
MW-5	12/15/1999	o-Xylene	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-05
MW-5	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-08
MW-5	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-02
MW-5	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-08
MW-5	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-08
MW-5	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-08
MW-5	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-08
MW-5	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-5	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-09
MW-5	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-08
MW-5	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-08
MW-5	3/30/2011	pH	6.10	s. u.					L508799-05
MW-5	11/21/1988	Selenium	0.0020	ug/L	u	0.002		Radian	
MW-5	2/22/1989	Selenium	0.0040	ug/L	u	0.004		Radian	
MW-5	5/24/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-5	9/6/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-5	12/12/1989	Selenium	0.0020	mg/l	u	0.002		Radian	
MW-5	3/13/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-5	6/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-5	9/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-5	12/5/1990	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-5	3/6/1991	Selenium	0.0050	mg/l	u	0.005			
MW-5	6/5/1991	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-5	11/21/1988	Silver	0.03	ug/L	u	0.03		Radian	
MW-5	2/22/1989	Silver	0.03	ug/L	u	0.03		Radian	
MW-5	5/24/1989	Silver	0.01	mg/l	u	0.007		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	9/6/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-5	12/12/1989	Silver	0.01	mg/l	u	0.01		Radian	
MW-5	3/13/1990	Silver	0.01	mg/l	u	0.01		Radian	
MW-5	6/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-5	9/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-5	12/5/1990	Silver	0.05	mg/l	u	0.05		IEA	
MW-5	3/6/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-5	6/5/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-5	11/21/1988	Sodium	15.00	mg/L	v			Radian	
MW-5	2/22/1989	Sodium	26.00	mg/L	v			Radian	
MW-5	5/24/1989	Sodium	37.00	mg/l	v	0.028999999		Radian	
MW-5	9/6/1989	Sodium	26.00	mg/l	v	0.028999999		Radian	
MW-5	12/12/1989	Sodium	14.00	mg/l	v	1		Radian	
MW-5	3/13/1990	Sodium	28.00	mg/l	v	1		Radian	
MW-5	6/12/1990	Sodium	26.00	mg/l	v	0.028999999		Radian	
MW-5	9/12/1990	Sodium	28.00	mg/l	v	0.028999999		Radian	
MW-5	12/5/1990	Sodium	25.00	mg/l	v			IEA	
MW-5	3/6/1991	Sodium	25.00	mg/l	v			IEA	
MW-5	6/5/1991	Sodium	23.00	mg/l	v			IEA	
MW-5	12/15/1999	Styrene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	Styrene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Styrene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Styrene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Styrene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Styrene	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Styrene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Styrene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Styrene	<1.0	ug/L	u	1			L662184-10
MW-5	11/21/1988	Sulfate	16.00	mg/l	u	16			
MW-5	2/22/1989	Sulfate	30.00	mg/l	v			Radian	
MW-5	5/24/1989	Sulfate	37.00	mg/l	v			Radian	
MW-5	9/6/1989	Sulfate	27.00	mg/l	v				
MW-5	12/12/1989	Sulfate	53.00	mg/l	v	0.05		Radian	
MW-5	3/13/1990	Sulfate	24.00	mg/l	v	0.05		Radian	
MW-5	6/12/1990	Sulfate	19.00	mg/l	v	0.05		Radian	
MW-5	9/12/1990	Sulfate	24.00	mg/l	v	0.05		Radian	
MW-5	12/5/1990	Sulfate	25.00	mg/l	v			IEA	
MW-5	3/6/1991	Sulfate	15.00	mg/l	v				
MW-5	6/5/1991	Sulfate	13.00	mg/l	v			IEA	
MW-5	12/15/1999	Tetrachloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	12/13/2002	Tetrachloroethene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Tetrachloroethene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Tetrachloroethene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Tetrachloroethene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Tetrachloroethene	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Tetrachloroethene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Tetrachloroethene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Tetrachloroethene	<1.0	ug/L	u	1			L662184-10
MW-5	9/6/1989	Tin	0.075	mg/l	v				
MW-5	12/15/1999	Toluene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-02
MW-5	6/6/2000	Toluene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-02
MW-5	6/25/2001	Toluene	<1	ug/l	u		SW-846 8021		
MW-5	6/19/2002	Toluene	< 0.05	ug/l	u		SW-846 8021		
MW-5	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-05
MW-5	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-08
MW-5	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-02
MW-5	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-08
MW-5	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-08
MW-5	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-08
MW-5	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-08
MW-5	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-5	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-09
MW-5	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-08
MW-5	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-08
MW-5	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-10
MW-5	8/10/2011	Toluene	< 5	ug/l	u		8021 B		L530497-02
MW-5	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Toluene	<5.0	ug/L	u	5			L662184-10
MW-5	10/8/2013	Total Barium	0.032	mg/L					L662184-10
MW-5	10/8/2013	Total Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-10
MW-5	10/8/2013	Total Chromium	<0.010	mg/L	u	0.01			L662184-10
MW-5	3/6/1991	Total dissolved solids	230.00	mg/l	v			IEA	
MW-5	10/8/2013	Total Iron	<0.100	mg/L	u	0.1			L662184-10
MW-5	12/9/2014	Total Iron	0.13	mg/L					L738573-06
MW-5	9/2/2015	Total Iron	<0.1	mg/L	u	0.1			L787147-06
MW-5	6/7/2016	Total Iron	<0.1	mg/L	u	0.1			L840417-06
MW-5	3/7/2017	Total Iron	<0.1	mg/L	u	0.1			L894955-06
MW-5	6/17/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-06
MW-5	10/8/2013	Total Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-10
MW-5	10/8/2013	Total Manganese	<0.002 UJ	mg/L	u	0.002 UJ			L662184-10
MW-5	12/9/2014	Total Manganese	< 0.005	mg/L	u	0.005			L738573-06
MW-5	9/2/2015	Total Manganese	<0.005	mg/L	u	0.005			L787147-06
MW-5	6/7/2016	Total Manganese	<0.005	mg/L	u	0.005			L840417-06
MW-5	3/7/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-06
MW-5	6/17/2020	Total Manganese	<0.005	mg/L	u	0.005			L1231176-06
MW-5	10/8/2013	Total Mercury	<0.0002	mg/L	u	0.0002			L662184-10
MW-5	11/21/1988	Total organic carbon	1.00	mg/l	u	1			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	2/22/1989	Total organic carbon	3.00	mg/l	v			Radian	
MW-5	5/24/1989	Total organic carbon	4.00	mg/l	v	1		Radian	
MW-5	9/6/1989	Total organic carbon	2.40	mg/l	v				
MW-5	11/16/1989	Total organic carbon	1.60	mg/l	v			Radian	
MW-5	12/12/1989	Total organic carbon	1.30	mg/l	v	1		Radian	
MW-5	3/13/1990	Total organic carbon	8.40	mg/l	v	1		Radian	
MW-5	6/12/1990	Total organic carbon	3.40	mg/l	v	1		Radian	
MW-5	9/12/1990	Total organic carbon	1.20	mg/l	v	1		Radian	
MW-5	12/5/1990	Total organic carbon	9.70	mg/l	v			IEA	
MW-5	3/6/1991	Total organic carbon	1.70	mg/l	v				
MW-5	6/5/1991	Total organic carbon	2.10	mg/l	v			IEA	
MW-5	3/30/2011	Total Organic Carbon	<1.0	mg/l	u				L508799-05
MW-5	11/21/1988	Total organic halides	0.02	mg/l	u	0.02			
MW-5	2/22/1989	Total organic halides	0.03	mg/l	v	0.01		Radian	
MW-5	5/24/1989	Total organic halides	0.02	mg/l	u	0.02		Radian	
MW-5	9/6/1989	Total organic halides	0.02	mg/l	v	0.02		Radian	
MW-5	11/16/1989	Total organic halides	0.01	mg/l	u	0.01		Radian	
MW-5	12/12/1989	Total organic halides	0.04	mg/l	v	0.01		Radian	
MW-5	3/13/1990	Total organic halides	0.03	mg/l	v			Radian	
MW-5	6/12/1990	Total organic halides	0.08	mg/l	v	0.01		Radian	
MW-5	9/12/1990	Total organic halides	0.40	mg/l	v	0.01		Radian	
MW-5	12/5/1990	Total organic halides	0.02	mg/l	v			IEA	
MW-5	3/6/1991	Total organic halides	0.01	mg/l	u	0.01			
MW-5	6/5/1991	Total organic halides	0.01	mg/l	v			IEA	
MW-5	11/21/1988	Total phenolics	0.0050	ug/l	u	0.005			
MW-5	2/22/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-5	5/24/1989	Total phenolics	0.0050	ug/l	u	0.005			
MW-5	9/6/1989	Total phenolics	0.0050	ug/l	u	0.005			
MW-5	12/12/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-5	3/13/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-5	6/12/1990	Total phenolics	0.01	ug/l	v	0.005		Radian	
MW-5	9/12/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-5	12/5/1990	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-5	3/6/1991	Total phenolics	0.0050	ug/l	u	0.005			
MW-5	6/5/1991	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-5	3/30/2011	Total Suspended Solids	<1.0	mg/l	u				L508799-05
MW-5	12/15/1999	trans-1,2-Dichloroethene	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	12/13/2002	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	trans-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	trans-1,3-Dichloropropene	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	12/13/2002	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	trans-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Trichloroethene	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	12/13/2002	Trichloroethene	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Trichloroethene	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Trichloroethene	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Trichloroethene	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Trichloroethene	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Trichloroethene	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Trichloroethene	<1.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Trichloroethene	<1.0	ug/L	u	1			L662184-10
MW-5	10/8/2013	Trichlorofluoromethane	<5.0	ug/L	u	5			L662184-10
MW-5	12/15/1999	Trichlorofluoromethane	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	12/1/2009	Trichlorofluoromethane	<5 UJ	ug/l	UJ		8260 B		L434468-10
MW-5	10/9/2012	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Vinyl chloride	<1.0	ug/L	u	1			L662184-10
MW-5	12/15/1999	Vinyl acetate	10.00	ug/l	u	10	8260 B	SPLLAF	9912941-02
MW-5	12/15/1999	Vinyl chloride	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	12/13/2002	Vinyl chloride	ND	ug/l	u		8260 B		02120518-05
MW-5	12/2/2003	Vinyl chloride	ND	ug/l	u		8260 B		03120155-02
MW-5	12/1/2004	Vinyl chloride	ND	ug/l	u		8021 B		04120075-08
MW-5	12/13/2005	Vinyl chloride	ND	ug/l	u		8021 B		05120626-08
MW-5	12/19/2006	Vinyl chloride	ND	ug/l	u		8260 B		06121018-09
MW-5	12/1/2009	Vinyl chloride	<1	ug/l	u		8260 B		L434468-10
MW-5	10/9/2012	Vinyl chloride	<1.0	ug/l	u		8260 B		L600034-10
MW-5	12/15/1999	Xylenes, Total	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-02
MW-5	6/6/2000	Xylenes, Total	1.00	ug/l	u	1	8021 B	SPLLAF	0006308-02
MW-5	6/25/2001	Xylenes, Total	<1	ug/l	u		SW-846 8021		
MW-5	6/19/2002	Xylenes, Total	< 0.15	ug/l	u		SW-846 8021		
MW-5	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-05
MW-5	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-08
MW-5	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-02
MW-5	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-08
MW-5	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-08
MW-5	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-08

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-5	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-08
MW-5	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-5	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-09
MW-5	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-08
MW-5	6/23/2009	Xylenes, Total	< 1	ug/l	u		8021 B		09061301-08
MW-5	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-10
MW-5	8/10/2011	Xylenes, Total	< 3	ug/l	u		8021 B		L530497-02
MW-5	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-10
MW-5	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-10
MW-5	3/6/1991	Zinc	0.02	mg/l	u	0.02		IEA	
MW-6	11/21/1988	Acetone	100.00	ug/l	u	100			
MW-6	2/22/1989	Acetone	5.00	ug/l	jv	7.5		Radian	
MW-6	5/24/1989	Acetone	25.00	ug/l	u	25		Radian	
MW-6	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-6	11/21/1988	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-6	2/22/1989	Arsenic	0.0020	ug/L	u	0.002		Radian	
MW-6	5/24/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-6	11/21/1988	Barium	0.03	mg/L	v	0.01		Radian	
MW-6	2/22/1989	Barium	0.04	mg/l	v			Radian	
MW-6	5/24/1989	Barium	0.04	mg/l	v	0.002		Radian	
MW-6	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-6	11/21/1988	Benzene	1.00	ug/L	jv	5		Radian	
MW-6	2/22/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-6	5/24/1989	Benzene	2.00	ug/l	u	2		Radian	
MW-6	11/16/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-6	11/5/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-6	2/22/1989	bis(2-Ethylhexyl)phthalate	13.00	ug/l	v	10		Radian	
MW-6	11/16/1989	bis(2-Ethylhexyl)phthalate	30.00	ug/l	v	10		Radian	
MW-6	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-6	11/21/1988	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-6	2/22/1989	Cadmium	0.005	ug/L	u	0.005		Radian	
MW-6	5/24/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-6	11/5/1992	Cadmium	5.50	ug/l	v	5		Envirotech	
MW-6	11/21/1988	Carbon disulfide	5.00	ug/l	u	5			
MW-6	2/22/1989	Carbon disulfide	1.70	ug/l	u	1.70		Radian	
MW-6	5/24/1989	Carbon disulfide	2.00	ug/l	u	2		Radian	
MW-6	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-6	11/21/1988	Chloride	7.30	mg/l	v			Radian	
MW-6	2/22/1989	Chloride	9.30	mg/l	v			Radian	
MW-6	5/24/1989	Chloride	8.30	mg/l	v			Radian	
MW-6	2/22/1989	Chloroform	1.60	ug/l	u	1.60		Radian	
MW-6	5/24/1989	Chloroform	2.00	ug/l	u	2		Radian	
MW-6	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-6	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-6	11/21/1988	Chromium	0.03	ug/L	u	0.03		Radian	
MW-6	2/22/1989	Chromium	0.03	ug/L	u	0.03		Radian	
MW-6	5/24/1989	Chromium	0.01	mg/l	u	0.007		Radian	
MW-6	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-6	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-6	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-6	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-6	11/5/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-6	3/30/2011	Dissolved Iron	0.17	mg/l					L508799-06
MW-6	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-6	11/5/1992	Dissolved Manganese	172.00	ug/l	v	15		Envirotech	
MW-6	3/30/2011	Dissolved Manganese	0.05	mg/l					L508799-06
MW-6	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-6	3/30/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L508799-06
MW-6	5/24/1989	EPA 420 (Phenols)	0.0050	ug/l	u	0.005		Radian	
MW-6	3/30/2011	Ferrous Fe	0	mg/l					L508799-06
MW-6	11/21/1988	Fluoride	0.20	mg/l	u	0.20			
MW-6	2/22/1989	Fluoride	0.03	mg/l	v			Radian	
MW-6	5/24/1989	Fluoride	0.02	mg/l	v			Radian	
MW-6	11/21/1988	Iron	0.04	ug/L	u	0.04		Radian	
MW-6	2/22/1989	Iron	8.20	mg/l	v			Radian	
MW-6	5/24/1989	Iron	0.38	mg/l	v	0.007		Radian	
MW-6	11/5/1992	Iron	7650.00	ug/l	v	100		Envirotech	
MW-6	3/30/2011	Iron	0.11	mg/l					L508799-06
MW-6	11/21/1988	Laboratory conductivity	72.00	umhos/cm	v				
MW-6	2/22/1989	Laboratory conductivity	59.00	umhos/cm	v			Radian	
MW-6	5/24/1989	Laboratory conductivity	74.00	umhos/cm	v			Radian	
MW-6	11/16/1989	Laboratory conductivity	76.00	umhos/cm	v			Radian	
MW-6	11/21/1988	Laboratory pH	4.94	s.u.	v				
MW-6	2/22/1989	Laboratory pH	5.19	s.u.	v			Radian	
MW-6	5/24/1989	Laboratory pH	5.30	s.u.	v			Radian	
MW-6	11/16/1989	Laboratory pH	4.75	s.u.	v			Radian	
MW-6	11/21/1988	Lead	0.0010	ug/L	u	0.001		Radian	
MW-6	2/22/1989	Lead	0.008	mg/l	v	0.002		Radian	
MW-6	5/24/1989	Lead	0.0030	mg/l	v	0.002		Radian	
MW-6	11/5/1992	Lead	8.50	ug/l	v	3		Envirotech	
MW-6	11/21/1988	Manganese	0.21	mg/L	v			Radian	
MW-6	2/22/1989	Manganese	0.19	mg/L	v			Radian	
MW-6	5/24/1989	Manganese	0.12	mg/l	v	0.002		Radian	
MW-6	11/5/1992	Manganese	255.00	ug/l	v	15		Envirotech	
MW-6	3/30/2011	Manganese	0.05	mg/l					L508799-06
MW-6	11/21/1988	Mercury	0.0002	ug/L	u	0.0002		Radian	
MW-6	2/22/1989	Mercury	0.0002	ug/L	u	0.0002		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-6	5/24/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-6	11/5/1992	Mercury	0.23	ug/l	v	0.20		Envirotech	
MW-6	11/21/1988	Methyl ethyl ketone	100.00	ug/l	u	100			
MW-6	2/22/1989	Methyl ethyl ketone	25.00	ug/l	u	25		Radian	
MW-6	5/24/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-6	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-6	11/21/1988	Methylene chloride	5.00	ug/l	u	5			
MW-6	2/22/1989	Methylene chloride	7.80	ug/l	bv	2.800		Radian	
MW-6	5/24/1989	Methylene chloride	10.00	ug/l	u	10		Radian	
MW-6	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-6	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-6	2/22/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-6	11/16/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-6	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-6	11/21/1988	Nitrate/Nitrite	0.10	mg/l	v	0.02		Radian	
MW-6	2/22/1989	Nitrate/Nitrite	0.09	mg/l	v	0.02		Radian	
MW-6	5/24/1989	Nitrate/Nitrite	0.18	mg/l	v			Radian	
MW-6	3/30/2011	pH	5.10	s.u.					L508799-06
MW-6	11/21/1988	Selenium	0.0020	ug/L	u	0.002		Radian	
MW-6	2/22/1989	Selenium	0.0040	ug/L	u	0.004		Radian	
MW-6	5/24/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-6	11/21/1988	Silver	0.03	ug/L	u	0.03		Radian	
MW-6	2/22/1989	Silver	0.03	ug/L	u	0.03		Radian	
MW-6	5/24/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-6	11/21/1988	Sodium	3.00	mg/L	v			Radian	
MW-6	2/22/1989	Sodium	4.00	mg/L	v			Radian	
MW-6	5/24/1989	Sodium	9.40	mg/l	v	0.029		Radian	
MW-6	11/21/1988	Sulfate	4.00	mg/l	v				
MW-6	2/22/1989	Sulfate	2.00	mg/l	v			Radian	
MW-6	5/24/1989	Sulfate	6.00	mg/l	v			Radian	
MW-6	11/21/1988	Total organic carbon	1.00	mg/l	u	1			
MW-6	2/22/1989	Total organic carbon	4.00	mg/l	v			Radian	
MW-6	5/24/1989	Total organic carbon	2.00	mg/l	v	1		Radian	
MW-6	11/16/1989	Total organic carbon	2.60	mg/l	v			Radian	
MW-6	3/30/2011	Total Organic Carbon	<1.0	mg/l	u				L508799-06
MW-6	11/21/1988	Total organic halides	0.05	mg/l	v	0.02		Radian	
MW-6	2/22/1989	Total organic halides	0.02	mg/l	v	0.01		Radian	
MW-6	5/24/1989	Total organic halides	0.03	mg/l	v	0.02		Radian	
MW-6	11/16/1989	Total organic halides	0.01	mg/l	u	0.01		Radian	
MW-6	2/22/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-6	3/30/2011	Total Suspended Solids	4.10	mg/l					L508799-06
MW-7	12/15/1999	1,1,1-Trichloroethane	5.00	ug/l	u	5	8260 B	SPLLAF	9912944-03
MW-7	12/13/2002	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	1,1,1-Trichloroethane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	1,1,1-Trichloroethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	1,1,2,2,-Tetrachloroethane	5.00	ug/l	u	5	8260 B	SPLLAF	9912944-03
MW-7	12/13/2002	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	1,1,2,2,-Tetrachloroethane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	1,1,2,2,-Tetrachloroethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,1,2,2,-Tetrachloroethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,1,2,2,-Tetrachloroethane	<1.0	ug/l	u	1			L662184-04
MW-7	12/1/2009	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	1,1,2-Trichloroethane	5.00	ug/l	u	5	8260 B	SPLLAF	9912944-03
MW-7	12/13/2002	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	1,1,2-Trichloroethane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	1,1,2-Trichloroethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260 B	SPLLAF	9912944-03
MW-7	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	12/4/2007	1,1-Dichloroethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	1,1-Dichloroethane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	1,1-Dichloroethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	1,1-Dichloroethane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	1,2,3-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	1,2,4-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	1,2-Dibromo-3-Chloropropane	<5 UJ	ug/l	UJ		8260 B		L434468-04
MW-7	10/9/2012	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L662184-04
MW-7	12/1/2009	1,2-Dibromoethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,2-Dibromoethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	1,2-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	1,2-Dichloroethane (total)	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	1,2-Dichloroethane (total)	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	1,2-Dichloroethane (total)	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	1,2-Dichloroethane (total)	<5	ug/l	u		8260 B		08120127-04
MW-7	12/15/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/4/2007	1,2-Dichloropropane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	1,2-Dichloropropane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	1,2-Dichloropropane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,2-Dichloropropane	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	1,3-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	1,4-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L662184-04
MW-7	12/13/2002	2-Butanone	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	2-Butanone	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	2-Butanone	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	2-Butanone	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	2-Butanone	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	2-Butanone	ND UJ	ug/l	UJ		8260 B		06121018-04
MW-7	12/4/2007	2-Butanone	ND J	ug/l	j		8260 B		07120184-04
MW-7	12/2/2008	2-Butanone	<20	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	2-Butanone (MEK)	<10 R	ug/l	R		8260 B		L434468-04
MW-7	10/9/2012	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	2-Butanone (MEK)	<10.0	ug/L	u	10			L662184-04
MW-7	12/15/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	2-Hexanone	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	2-Hexanone	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	2-Hexanone	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	2-Hexanone	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	2-Hexanone	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	2-Hexanone	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	2-Hexanone	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	2-Hexanone	<10	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	2-Hexanone	<10	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	2-Hexanone	<10.0	ug/l	u		8260 B		L600034-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	10/8/2013	2-Hexanone	<10.0	ug/L	u	10			L662184-04
MW-7	9/6/1989	2-Methylnaphthalene	9.20	ug/l	jv	10		Radian	
MW-7	10/2/1989	2-Methylnaphthalene	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	2-Methylnaphthalene	11.00	ug/l	v	10		Radian	
MW-7	3/6/1991	2-Methylnaphthalene	17.00	ug/l	v	10		IEA	
MW-7	9/5/1991	2-Methylnaphthalene	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-7	10/29/1993	2-Methylnaphthalene	20.00	ug/l	u	20		Envirotech	
MW-7	3/7/1994	2-Methylnaphthalene	220.00	ug/l	u	220		Envirotech	
MW-7	6/21/1994	2-Methylnaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	2-Methylnaphthalene	0.50	ug/l	jv	10		Envirotech	
MW-7	6/28/1995	2-Methylnaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	2-Methylnaphthalene	1.80	ug/l	jv	10		Envirotech	
MW-7	6/18/1996	2-Methylnaphthalene	8.60	ug/l	jv	10		Envirotech	
MW-7	12/10/1996	2-Methylnaphthalene	1.10	ug/l	jv	10		Envirotech	
MW-7	6/18/1997	2-Methylnaphthalene	10.40	ug/l	u	10.40		UHL	
MW-7	12/9/1997	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-7	8/18/1998	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-7	12/10/1998	2-Methylnaphthalene	10.00	ug/l	u	10		UHL	
MW-7	6/10/1999	2-Methylnaphthalene	10.00	ug/l	u	10		Pace	
MW-7	12/15/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260 B	SPLLAF	9912944-03
MW-7	12/13/2002	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	4-Methyl-2-pentanone	<10 J	ug/l	j		8260 B		08120127-04
MW-7	12/1/2009	4-Methyl-2-pentanone	<10	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L662184-04
MW-7	9/6/1989	Acenaphthene	1.90	ug/l	u	1.90			
MW-7	10/2/1989	Acenaphthene	10.00	ug/l	u	10			
MW-7	11/16/1989	Acenaphthene	10.00	ug/l	u	10			
MW-7	3/6/1991	Acenaphthene	10.00	ug/l	u	10			
MW-7	9/5/1991	Acenaphthene	10.00	ug/l	u	10			
MW-7	1/20/1992	Acenaphthene	10.00	ug/l	u	10			
MW-7	11/5/1992	Acenaphthene	0.60	ug/l	jv	10			
MW-7	3/26/1993	Acenaphthene	250.00	ug/l	u	250			
MW-7	10/29/1993	Acenaphthene	20.00	ug/l	u	20			
MW-7	3/7/1994	Acenaphthene	220.00	ug/l	u	220			
MW-7	6/21/1994	Acenaphthene	10.00	ug/l	u	10			
MW-7	12/13/1994	Acenaphthene	10.00	ug/l	u	10			
MW-7	6/28/1995	Acenaphthene	10.00	ug/l	u	10			
MW-7	12/11/1995	Acenaphthene	10.00	ug/l	u	10			
MW-7	6/18/1996	Acenaphthene	10.00	ug/l	u	10			
MW-7	12/10/1996	Acenaphthene	10.00	ug/l	u	10			
MW-7	6/18/1997	Acenaphthene	10.40	ug/l	u	10.40			
MW-7	12/9/1997	Acenaphthene	10.00	ug/l	u	10			
MW-7	8/18/1998	Acenaphthene	10.00	ug/l	u	10			
MW-7	12/10/1998	Acenaphthene	10.00	ug/l	u	10			
MW-7	6/10/1999	Acenaphthene	10.00	ug/l	u	10			
MW-7	9/6/1989	Acetone	22.00	ug/l	bv	15		Radian	
MW-7	10/2/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-7	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-7	12/12/1989	Acetone	15.00	ug/l	bv	10		Radian	
MW-7	3/13/1990	Acetone	13.00	ug/l	jvb	20		Radian	
MW-7	6/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-7	9/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-7	12/5/1990	Acetone	100.00	ug/l	u	100		IEA	
MW-7	3/6/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-7	6/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-7	9/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-7	1/20/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-7	3/26/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	10/29/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	6/21/1994	Acetone	5.70	ug/l	jv	10		Envirotech	
MW-7	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	6/28/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-7	12/9/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	Acetone	10.00	ug/l	u	10			
MW-7	12/10/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-7	12/15/1999	Acetone	100.00	ug/l	u	100	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Acetone	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Acetone	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Acetone	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Acetone	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Acetone	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Acetone	ND R	ug/l	u R		8260 B		06121018-04
MW-7	12/4/2007	Acetone	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Acetone	<100 R	ug/l	R		8260 B		08120127-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	12/1/2009	Acetone	<50	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Acetone	<50.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Acetone	<50.0	ug/L	u	50			L662184-04
MW-7	9/6/1989	Antimony	0.034	mg/l	u	0.03		Radian	
MW-7	9/6/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-7	12/12/1989	Arsenic	0.013	mg/l	v	0.002		Radian	
MW-7	3/13/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-7	6/12/1990	Arsenic	0.008	mg/l	u	0.008		Radian	
MW-7	9/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-7	12/5/1990	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-7	3/6/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-7	6/5/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-7	9/6/1989	Barium	0.33	mg/l	v	0.002		Radian	
MW-7	12/12/1989	Barium	0.12	mg/l	v	0.01		Radian	
MW-7	3/13/1990	Barium	0.03	mg/l	v	0.01		Radian	
MW-7	6/12/1990	Barium	0.58	mg/l	v	0.002		Radian	
MW-7	9/12/1990	Barium	0.11	mg/l	v	0.002		Radian	
MW-7	12/5/1990	Barium	0.10	mg/l	u	0.10		IEA	
MW-7	3/6/1991	Barium	0.26	mg/l	v			IEA	
MW-7	6/5/1991	Barium	0.10	mg/l	u	0.10		IEA	
MW-7	1/20/1992	Barium	0.40	mg/l	v	0.100		IEA	
MW-7	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	3/26/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/28/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-7	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-7	8/18/1998	Barium	200.00	ug/l	u	200			
MW-7	12/10/1998	Barium	0.47	mg/L	v	200		UHL	
MW-7	12/15/1999	Barium	0.745	mg/l	v	0.01	6010B	SPLLA	9912944-03
MW-7	12/14/2000	Barium	0.548	ppm			SW-846 6010		
MW-7	12/10/2001	Barium	0.544	mg/l			SW-846 6010		
MW-7	12/10/2001	Barium	0.694	mg/l			SW-846 6010		
MW-7	12/13/2002	Barium	0.287	mg/l			6010 B		02120518-09
MW-7	12/13/2002	Barium	0.320	mg/l			6010 B		02120518-06
MW-7	12/2/2003	Barium	0.17 U	mg/l	u		6010 B		03120155-03
MW-7	12/1/2004	Barium	0.024	mg/l			6010 B		04120075-04
MW-7	12/13/2005	Barium	0.746 J	mg/l	j		6010 B		05120626-09
MW-7	12/19/2006	Barium	0.0722 J	mg/l	j		6010 B		06121018-04
MW-7	12/4/2007	Barium	0.322 J	mg/l	j		6020 A		07120184-04
MW-7	12/2/2008	Barium	0.0798 J	mg/l	j		6020 A		08120127-04
MW-7	12/1/2009	Barium	0.082	mg/l			6010 B/6020 B		L434468-04
MW-7	10/9/2012	Barium	0.2 J	mg/l	j		6010 B/6020 B		L600034-04
MW-7	9/6/1989	Benzene	240.00	ug/l	v	8.80		Radian	
MW-7	10/2/1989	Benzene	170.00	ug/l	v	5		Radian	
MW-7	11/16/1989	Benzene	140.00	ug/l	v			Radian	
MW-7	12/12/1989	Benzene	200.00	ug/l	v	4.40		Radian	
MW-7	3/13/1990	Benzene	280.00	ug/l	v	8.80		Radian	
MW-7	6/12/1990	Benzene	150.00	ug/l	v	4.40		Radian	
MW-7	9/12/1990	Benzene	210.00	ug/l	v	4.40		Radian	
MW-7	12/5/1990	Benzene	210.00	ug/l	v	5		IEA	
MW-7	3/6/1991	Benzene	170.00	ug/l	v	5		IEA	
MW-7	6/5/1991	Benzene	77.00	ug/l	v	5		IEA	
MW-7	9/5/1991	Benzene	64.00	ug/l	v	5		IEA	
MW-7	1/20/1992	Benzene	120.00	ug/l	v	5		IEA	
MW-7	11/5/1992	Benzene	62.00	ug/l	v	5		Envirotech	
MW-7	3/26/1993	Benzene	39.00	ug/l	v	5		Envirotech	
MW-7	10/29/1993	Benzene	36.00	ug/l	v	5		Envirotech	
MW-7	3/7/1994	Benzene	43.00	ug/l	v	5		Envirotech	
MW-7	6/21/1994	Benzene	13.00	ug/l	v	5		Envirotech	
MW-7	12/13/1994	Benzene	49.00	ug/l	v	5		Envirotech	
MW-7	6/28/1995	Benzene	39.00	ug/l	v	5		Envirotech	
MW-7	12/11/1995	Benzene	54.00	ug/l	v	5		Envirotech	
MW-7	6/18/1996	Benzene	120.00	ug/l	v	5		Envirotech	
MW-7	12/10/1996	Benzene	35.00	ug/l	v	5		Envirotech	
MW-7	6/18/1997	Benzene	29.70	ug/l	v	5		UHL	
MW-7	12/9/1997	Benzene	31.90	ug/l	v	5		UHL	
MW-7	8/18/1998	Benzene	22.40	ug/l	v	5			
MW-7	12/10/1998	Benzene	7.29	ug/l	v	5		UHL	
MW-7	6/10/1999	Benzene	3.17	ug/l	v	1		Pace	
MW-7	12/15/1999	Benzene	2.00	ug/l	v	1	8260B	SPLLA	9912944-03
MW-7	6/6/2000	Benzene	1.00	ug/l	u	1	8021B	SPLLA	0006308-03
MW-7	12/14/2000	Benzene	<1	ppb	u		SW-846 8260		
MW-7	6/26/2001	Benzene	<1	ug/l	u		SW-846 8021		
MW-7	6/26/2001	Benzene	<1	ug/l	u		SW-846 8021		
MW-7	12/10/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-7	12/10/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-7	6/19/2002	Benzene	< 0.05	ug/l	u		SW-846 8021		
MW-7	6/19/2002	Benzene	<0.05	ug/l	u		SW-846 8021		
MW-7	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-09

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-04
MW-7	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-03
MW-7	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-04
MW-7	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-04
MW-7	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-04
MW-7	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-09
MW-7	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-7	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-04
MW-7	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-04
MW-7	12/4/2007	Benzene	ND	ug/l	u		8260 B		07120184-04
MW-7	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-04
MW-7	12/2/2008	Benzene	<1	ug/l	u		8260 B		08120127-04
MW-7	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-04
MW-7	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-04
MW-7	8/10/2011	Benzene	< 1	ug/l	u		8021 B		L530497-03
MW-7	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Beryllium	0.0010	mg/l	u	0.001		Radian	
MW-7	9/6/1989	bis(2-Ethylhexyl)phthalate	1.00	ug/l	jvb	2.5			
MW-7	10/2/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	v	10		Radian	
MW-7	3/6/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-7	9/5/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-7	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7	3/26/1993	bis(2-Ethylhexyl)phthalate	250.00	ug/l	u	250		Envirotech	
MW-7	10/29/1993	bis(2-Ethylhexyl)phthalate	20.00	ug/l	u	20		Envirotech	
MW-7	3/7/1994	bis(2-Ethylhexyl)phthalate	220.00	ug/l	u	220		Envirotech	
MW-7	6/21/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7	6/28/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	bis(2-Ethylhexyl)phthalate	2.30	ug/l	jv	10		Envirotech	
MW-7	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1997	bis(2-Ethylhexyl)phthalate	10.40	ug/l	u	10.40		UHL	
MW-7	12/9/1997	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-7	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-7	6/10/1999	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-7	12/1/2009	Bromochloromethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Bromochloromethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Bromochloromethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	Bromodichloromethane	5.00	ug/l	u	5	8260 B	SPLAF	9912944-03
MW-7	12/13/2002	Bromodichloromethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Bromodichloromethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Bromodichloromethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Bromodichloromethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Bromodichloromethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Bromodichloromethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Bromodichloromethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Bromodichloromethane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Bromodichloromethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Bromodichloromethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Bromodichloromethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLAF	9912944-03
MW-7	12/13/2002	Bromoform	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Bromoform	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Bromoform	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Bromoform	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Bromoform	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Bromoform	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Bromoform	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Bromoform	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Bromoform	<1 UJ	ug/l	UJ		8260 B		L434468-04
MW-7	10/9/2012	Bromoform	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Bromoform	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	Bromomethane	10.00	ug/l	u	10	8260 B	SPLAF	9912944-03
MW-7	12/13/2002	Bromomethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Bromomethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Bromomethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Bromomethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Bromomethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Bromomethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Bromomethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Bromomethane	<10	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Bromomethane	<5	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Bromomethane	<5.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Bromomethane	<5.0	ug/L	u	5			L662184-04
MW-7	9/6/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-7	12/12/1989	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-7	3/13/1990	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-7	6/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-7	9/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-7	12/5/1990	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-7	3/6/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-7	6/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-7	9/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	1/20/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-7	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	3/26/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/28/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-7	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-7	8/18/1998	Cadmium	5.00	ug/l	u	5			
MW-7	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-7	6/10/1999	Cadmium	5.00	ug/l	u	5		Pace	
MW-7	12/15/1999	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLAF	9912944-03
MW-7	6/6/2000	Cadmium	0.15	mg/l	v	0.01	6010B	SPLLAF	0006308-03
MW-7	12/14/2000	Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-7	6/26/2001	Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-7	6/26/2001	Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-7	12/10/2001	Cadmium	<.005	mg/l	u		SW-846 6010		
MW-7	12/10/2001	Cadmium	<0.005	mg/l	u		SW-846 6010		
MW-7	6/19/2002	Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-7	6/19/2002	Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-7	12/13/2002	Cadmium	ND	mg/l	u		6010 B		02120518-06
MW-7	12/13/2002	Cadmium	ND	mg/l	u		6010 B		02120518-09
MW-7	6/18/2003	Cadmium	ND	mg/l	u		6010 B		03060775-04
MW-7	12/2/2003	Cadmium	ND	mg/l	u		6010 B		03120155-03
MW-7	6/8/2004	Cadmium	ND	mg/l	u		6010 B		04060338-04
MW-7	12/1/2004	Cadmium	ND	mg/l	u		6010 B		04120075-04
MW-7	6/14/2005	Cadmium	ND	mg/l	u		6010 B		05060699-04
MW-7	12/13/2005	Cadmium	ND	mg/l	u		6010 B		05120626-09
MW-7	6/27/2006	Cadmium	ND	mg/l	u		6010 B		
MW-7	12/19/2006	Cadmium	ND	mg/l	u		6010 B		06121018-04
MW-7	6/12/2007	Cadmium	ND	mg/l	u		6010 B		07060670-04
MW-7	12/4/2007	Cadmium	0.000316 UJ	mg/l	UJ		6020 A		07120184-04
MW-7	6/3/2008	Cadmium	ND UJ	mg/l	u		6020		08060177-04
MW-7	12/2/2008	Cadmium	<0.0045 UJ	mg/l	UJ		6020 A		08120127-04
MW-7	6/23/2009	Cadmium	<0.0026	mg/l	u		6020		09061301-04
MW-7	12/1/2009	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-04
MW-7	8/10/2011	Cadmium	0.00068 J	mg/l	j		6020		L530497-03
MW-7	10/9/2012	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L600034-04
MW-7	9/6/1989	Carbon disulfide	3.40	ug/l	u	3.40		Radian	
MW-7	10/2/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-7	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-7	12/12/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-7	3/13/1990	Carbon disulfide	10.00	ug/l	u	10		Radian	
MW-7	6/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-7	9/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-7	12/5/1990	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-7	3/6/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-7	6/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-7	9/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-7	1/20/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-7	3/26/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-7	10/29/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-7	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-7	6/21/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7	6/28/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-7	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	Carbon disulfide	10.00	ug/l	u	10			
MW-7	12/10/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-7	12/15/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Carbon disulfide	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Carbon disulfide	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Carbon disulfide	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Carbon disulfide	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Carbon disulfide	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Carbon disulfide	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Carbon disulfide	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Carbon disulfide	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Carbon disulfide	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Carbon disulfide	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Carbon disulfide	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Carbon tetrachloride	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Carbon tetrachloride	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Carbon tetrachloride	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Carbon tetrachloride	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Carbon tetrachloride	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Carbon tetrachloride	ND	ug/l	u		8260 B		06121018-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	12/4/2007	Carbon tetrachloride	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Carbon tetrachloride	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Carbon tetrachloride	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Carbon tetrachloride	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Chloride	38.00	mg/l	v				
MW-7	12/12/1989	Chloride	35.00	mg/l	v	0.10		Radian	
MW-7	3/13/1990	Chloride	36.00	mg/l	v	0.10		Radian	
MW-7	6/12/1990	Chloride	49.00	mg/l	v	0.10		Radian	
MW-7	9/12/1990	Chloride	55.00	mg/l	v	0.10		Radian	
MW-7	12/5/1990	Chloride	69.00	mg/l	v			IEA	
MW-7	3/6/1991	Chloride	79.00	mg/l	v				
MW-7	6/5/1991	Chloride	69.00	mg/l	v			IEA	
MW-7	12/15/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Chlorobenzene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Chlorobenzene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Chlorobenzene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Chlorobenzene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Chlorobenzene	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Chlorobenzene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Chlorobenzene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Chlorobenzene	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Chlorobenzene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Chlorobenzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Chlorobenzene	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	Chlorodibromomethane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Chlorodibromomethane	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Chloroethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Chloroethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Chloroethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Chloroethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Chloroethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Chloroethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Chloroethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Chloroethane	<10	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Chloroethane	<5 UJ	ug/l	UJ		8260 B		L434468-04
MW-7	10/9/2012	Chloroethane	<5.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Chloroethane	<5.0	ug/L	u	5			L662184-04
MW-7	9/6/1989	Chloroform	3.20	ug/l	u	3.20		Radian	
MW-7	10/2/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-7	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-7	12/12/1989	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-7	3/13/1990	Chloroform	5.00	ug/l	u	5		Radian	
MW-7	6/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-7	9/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-7	12/5/1990	Chloroform	5.00	ug/l	u	5		IEA	
MW-7	3/6/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-7	6/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-7	9/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-7	1/20/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-7	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	3/26/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	10/29/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	6/28/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-7	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-7	8/18/1998	Chloroform	5.00	ug/l	u	5			
MW-7	12/10/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-7	12/15/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Chloroform	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Chloroform	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Chloroform	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Chloroform	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Chloroform	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Chloroform	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Chloroform	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Chloroform	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Chloroform	<5	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Chloroform	<5.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Chloroform	<5.0	ug/L	u	5			L662184-04
MW-7	9/6/1989	Chloromethane	10.00	ug/l	u	10		Radian	
MW-7	10/2/1989	Chloromethane	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	Chloromethane	10.00	ug/l	u	10		Radian	
MW-7	12/12/1989	Chloromethane	5.00	ug/l	u	5		Radian	
MW-7	3/13/1990	Chloromethane	10.00	ug/l	u	10		Radian	
MW-7	6/12/1990	Chloromethane	5.00	ug/l	u	5		Radian	
MW-7	9/12/1990	Chloromethane	5.00	ug/l	u	5		Radian	
MW-7	12/5/1990	Chloromethane	56.00	ug/l	v	10		IEA	
MW-7	3/6/1991	Chloromethane	10.00	ug/l	u	10		IEA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	6/5/1991	Chloromethane	10.00	ug/l	u	10			
MW-7	9/5/1991	Chloromethane	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	Chloromethane	10.00	ug/l	u	10		IEA	
MW-7	11/5/1992	Chloromethane	10.00	ug/l	u	10		Envirotech	
MW-7	3/26/1993	Chloromethane	10.00	ug/l	u	10		Envirotech	
MW-7	10/29/1993	Chloromethane	10.00	ug/l	u	10		Envirotech	
MW-7	3/7/1994	Chloromethane	5.00	ug/l	u	5		Envirotech	
MW-7	6/21/1994	Chloromethane	5.00	ug/l	u	5		Envirotech	
MW-7	12/13/1994	Chloromethane	5.00	ug/l	u	5		Envirotech	
MW-7	6/28/1995	Chloromethane	5.00	ug/l	u	5		Envirotech	
MW-7	12/11/1995	Chloromethane	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1996	Chloromethane	5.00	ug/l	u	5		Envirotech	
MW-7	12/10/1996	Chloromethane	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1997	Chloromethane	10.00	ug/l	u	10		UHL	
MW-7	12/9/1997	Chloromethane	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	Chloromethane	10.00	ug/l	u	10			
MW-7	12/10/1998	Chloromethane	10.00	ug/l	u	10		UHL	
MW-7	12/15/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLLA	9912944-03
MW-7	12/13/2002	Chloromethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Chloromethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Chloromethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Chloromethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Chloromethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Chloromethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Chloromethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Chloromethane	<10	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Chloromethane	<2.5	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Chloromethane	<2.5	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Chloromethane	<2.5	ug/L	u	2.5			L662184-04
MW-7	9/6/1989	Chromium	0.014	mg/l	v	0.007		Radian	
MW-7	12/12/1989	Chromium	0.01	mg/l	u	0.01		Radian	
MW-7	3/13/1990	Chromium	0.021	mg/l	v	0.01		Radian	
MW-7	6/12/1990	Chromium	0.016	mg/l	v	0.007		Radian	
MW-7	9/12/1990	Chromium	0.01	mg/l	u	0.007		Radian	
MW-7	12/5/1990	Chromium	0.03	mg/l	u	0.03		IEA	
MW-7	3/6/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-7	6/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-7	9/5/1991	Chromium	0.03	mg/l	u			IEA	
MW-7	1/20/1992	Chromium	0.010	mg/l	v	0.01		IEA	
MW-7	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	3/26/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/28/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-7	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	Chromium	10.00	ug/l	u	10			
MW-7	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-7	6/10/1999	Chromium	10.00	ug/l	u	10		Pace	
MW-7	12/15/1999	Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	9912944-03
MW-7	6/6/2000	Chromium	0.039	mg/l	v	0.01	6010B	SPLLA	0006308-03
MW-7	12/14/2000	Chromium	0.013	ppm			SW-846 6010		
MW-7	6/26/2001	Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-7	6/26/2001	Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-7	12/10/2001	Chromium	0.007	mg/l			SW-846 6010		
MW-7	12/10/2001	Chromium	0.00499 j	mg/l	j		SW-846 6010		
MW-7	6/19/2002	Chromium	.00716 j	mg/l	j		SW-846 6010		
MW-7	6/19/2002	Chromium	.023 j	mg/l	j		SW-846 6010		
MW-7	12/13/2002	Chromium	0.031	mg/l			6010 B		02120518-09
MW-7	12/13/2002	Chromium	0.060	mg/l			6010 B		02120518-06
MW-7	6/18/2003	Chromium	ND	mg/l	u		6010 B		03060775-04
MW-7	12/2/2003	Chromium	ND	mg/l	u		6010 B		03120155-03
MW-7	6/8/2004	Chromium	ND	mg/l	u		6010 B		04060338-04
MW-7	12/1/2004	Chromium	ND	mg/l	u		6010 B		04120075-04
MW-7	6/14/2005	Chromium	0.0107 J	mg/l	j		6010 B		05060699-04
MW-7	12/13/2005	Chromium	ND	mg/l	u		6010 B		05120626-09
MW-7	6/27/2006	Chromium	ND	mg/l	u		6010 B		
MW-7	12/19/2006	Chromium	ND	mg/l	u		6010 B		06121018-04
MW-7	6/12/2007	Chromium	ND	mg/l	u		6010 B		07060670-04
MW-7	12/4/2007	Chromium	0.0107 J	mg/l	j		6020 A		07120184-04
MW-7	6/3/2008	Chromium	0.01	mg/l			6020		08060177-04
MW-7	12/2/2008	Chromium	<0.0033 UJ	mg/l	UJ		6020 A		08120127-04
MW-7	6/23/2009	Chromium	<0.0024	mg/l	u		6020		09061301-04
MW-7	12/1/2009	Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-04
MW-7	8/10/2011	Chromium	<0.010	mg/l	u		6020		L530497-03
MW-7	10/9/2012	Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-04
MW-7	12/15/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLA	9912944-03
MW-7	12/13/2002	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-09

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	12/19/2006	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	cis-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	cis-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	cis-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLA	9912944-03
MW-7	12/13/2002	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	cis-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-04
MW-7	10/9/2012	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-04
MW-7	12/1/2009	cis-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-04
MW-7	9/6/1989	Cobalt	0.059	mg/kg	v	0.007		Radian	
MW-7	9/6/1989	Copper	0.180	mg/l	v	0.006		Radian	
MW-7	3/6/1991	Copper	0.120	mg/l	v				
MW-7	9/6/1989	Cyanide	0.02	mg/l	u	0.02		Radian	
MW-7	12/1/2009	Cyclohexane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Cyclohexane	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Cyclohexane	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Dibenzofuran	1.00	ug/l	jv	10		Radian	
MW-7	10/2/1989	Dibenzofuran	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	Dibenzofuran	10.00	ug/l	u	10		Radian	
MW-7	3/6/1991	Dibenzofuran	10.00	ug/l	u	10		IEA	
MW-7	9/5/1991	Dibenzofuran	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	Dibenzofuran	10.00	ug/l	u	10			
MW-7	10/29/1993	Dibenzofuran	0.70	ug/l	jv	20		Envirotech	
MW-7	3/7/1994	Dibenzofuran	220.00	ug/l	u	220		Envirotech	
MW-7	6/21/1994	Dibenzofuran	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Dibenzofuran	1.80	ug/l	jv	10		Envirotech	
MW-7	6/28/1995	Dibenzofuran	2.50	ug/l	jv	10		Envirotech	
MW-7	12/11/1995	Dibenzofuran	2.40	ug/l	jv	10		Envirotech	
MW-7	6/18/1996	Dibenzofuran	2.30	ug/l	jv	10		Envirotech	
MW-7	12/10/1996	Dibenzofuran	2.80	ug/l	jv	10		Envirotech	
MW-7	6/18/1997	Dibenzofuran	10.40	ug/l	u	10.40			
MW-7	12/9/1997	Dibenzofuran	10.00	ug/l	u	10			
MW-7	8/18/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-7	12/10/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-7	6/10/1999	Dibenzofuran	10.00	ug/l	u	10			
MW-7	12/15/1999	Dibromochloromethane	5.00	ug/l	u	5	8260B	SPLLA	9912944-03
MW-7	12/13/2002	Dibromochloromethane	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Dibromochloromethane	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Dibromochloromethane	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Dibromochloromethane	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Dibromochloromethane	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Dibromochloromethane	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Dibromochloromethane	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Dibromochloromethane	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Dichlorodifluoromethane	<5	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Dichlorodifluoromethane	<5.0	ug/L	u	5			L662184-04
MW-7	9/6/1989	Di-n-butyl phthalate	0.90	ug/l	jvb	2.5		Radian	
MW-7	10/2/1989	Di-n-butyl phthalate	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	Di-n-butyl phthalate	10.00	ug/l	u	10		Radian	
MW-7	3/6/1991	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	9/5/1991	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	1/20/1992	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	11/5/1992	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	10/29/1993	Di-n-butyl phthalate	20.00	ug/l	u	20			
MW-7	3/7/1994	Di-n-butyl phthalate	220.00	ug/l	u	220			
MW-7	6/21/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	12/13/1994	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	6/28/1995	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	12/11/1995	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	6/18/1996	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	12/10/1996	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	6/18/1997	Di-n-butyl phthalate	10.40	ug/l	u	10.40			
MW-7	12/9/1997	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	8/18/1998	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	12/10/1998	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	6/10/1999	Di-n-butyl phthalate	10.00	ug/l	u	10			
MW-7	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	3/26/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/28/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-7	8/18/1998	Dissolved Barium	200.00	ug/l	u	200			
MW-7	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-7	12/15/1999	Dissolved Barium	0.065	mg/l	v	0.01	6010B	SPLLA	9912944-03
MW-7	12/14/2000	Dissolved Barium	0.059	ppm			SW-846 6010		
MW-7	12/10/2001	Dissolved Barium	0.209	mg/l			SW-846 6010		
MW-7	12/13/2002	Dissolved Barium	0.036	mg/l			6010 B		02120518-06
MW-7	12/13/2002	Dissolved Barium	0.037	mg/l			6010 B		02120518-09
MW-7	12/2/2003	Dissolved Barium	0.0972 U	mg/l	u		6010 B		03120155-03
MW-7	12/1/2004	Dissolved Barium	0.022	mg/l			6010 B		04120075-04
MW-7	12/13/2005	Dissolved Barium	0.0461 J	mg/l	j		6010 B		05120626-09
MW-7	12/19/2006	Dissolved Barium	0.0487 J	mg/l	j		6010 B		06121018-04
MW-7	12/4/2007	Dissolved Barium	0.0599 J	mg/l	j		6020 A		07120184-04
MW-7	12/2/2008	Dissolved Barium	0.041	mg/l			6020 A		08120127-04
MW-7	12/1/2009	Dissolved Barium	0.035	mg/l			6010 B/6020 B		L434468-04
MW-7	10/9/2012	Dissolved Barium	0.024 J	mg/l	j		6010 B/6020 B		L600034-04
MW-7	10/8/2013	Dissolved Barium	0.021	mg/L					L662184-04
MW-7	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	3/26/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/28/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-7	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-7	8/18/1998	Dissolved Cadmium	5.00	ug/l	u	5			
MW-7	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-7	6/10/1999	Dissolved Cadmium	5.00	ug/l	u	5		Pace	
MW-7	12/15/1999	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	9912944-03
MW-7	6/6/2000	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-03
MW-7	12/14/2000	Dissolved Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-7	6/26/2001	Dissolved Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-7	12/10/2001	Dissolved Cadmium	<0.005	mg/l	u		SW-846 6010		
MW-7	6/19/2002	Dissolved Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-7	6/19/2002	Dissolved Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-7	12/13/2002	Dissolved Cadmium	ND	mg/l	u		6010 B		02120518-06
MW-7	12/13/2002	Dissolved Cadmium	ND	mg/l	u		6010 B		02120518-09
MW-7	6/18/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03060775-04
MW-7	12/2/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03120155-03
MW-7	6/8/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04060338-04
MW-7	12/1/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04120075-04
MW-7	6/14/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05060699-04
MW-7	12/13/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05120626-09
MW-7	6/27/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		
MW-7	12/19/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		06121018-04
MW-7	6/12/2007	Dissolved Cadmium	ND	mg/l	u		6010 B		07060670-04
MW-7	12/4/2007	Dissolved Cadmium	0.00022 UJ	mg/l	UJ		6020 A		07120184-04
MW-7	6/3/2008	Dissolved Cadmium	ND U	mg/l	u		6020		08060177-04
MW-7	12/2/2008	Dissolved Cadmium	<0.0045	mg/l	u		6020 A		08120127-04
MW-7	6/23/2009	Dissolved Cadmium	<0.0026	mg/l	u		6020		09061301-04
MW-7	12/1/2009	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-04
MW-7	8/10/2011	Dissolved Cadmium	<0.0005	mg/l	u		6020		L530497-03
MW-7	10/9/2012	Dissolved Cadmium	<0.0005 UJ	mg/l	UJ		6010 B/6020 B		L600034-04
MW-7	10/8/2013	Dissolved Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-04
MW-7	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	3/26/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/28/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-7	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	Dissolved Chromium	10.00	ug/l	u	10			
MW-7	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-7	6/10/1999	Dissolved Chromium	10.00	ug/l	u	10		Pace	
MW-7	12/15/1999	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	9912944-03
MW-7	6/6/2000	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-03
MW-7	12/14/2000	Dissolved Chromium	< 0.01	ppm	u		SW-846 6010		
MW-7	6/26/2001	Dissolved Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-7	12/10/2001	Dissolved Chromium	<0.005	mg/l	u		SW-846 6010		
MW-7	6/19/2002	Dissolved Chromium	< 0.00068	mg/l	u		SW-846 6010		
MW-7	6/19/2002	Dissolved Chromium	< 0.00068	mg/l	u		SW-846 6010		
MW-7	12/13/2002	Dissolved Chromium	ND	mg/l	u		6010 B		02120518-06
MW-7	12/13/2002	Dissolved Chromium	ND	mg/l	u		6010 B		02120518-09
MW-7	6/18/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03060775-04
MW-7	12/2/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03120155-03
MW-7	6/8/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04060338-04
MW-7	12/1/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04120075-04
MW-7	6/14/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05060699-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	12/13/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05120626-09
MW-7	6/27/2006	Dissolved Chromium	ND	mg/l	u		6010 B		
MW-7	12/19/2006	Dissolved Chromium	ND	mg/l	u		6010 B		06121018-04
MW-7	6/12/2007	Dissolved Chromium	ND	mg/l	u		6010 B		07060670-04
MW-7	12/4/2007	Dissolved Chromium	0.000607 UJ	mg/l	UJ		6020 A		07120184-04
MW-7	6/3/2008	Dissolved Chromium	ND U	mg/l	u		6020		08060177-04
MW-7	12/2/2008	Dissolved Chromium	<0.0033	mg/l	u		6020 A		08120127-04
MW-7	6/23/2009	Dissolved Chromium	<0.0024	mg/l	u		6020		09061301-04
MW-7	12/1/2009	Dissolved Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-04
MW-7	8/10/2011	Dissolved Chromium	<0.010	mg/l	u		6020		L530497-03
MW-7	10/9/2012	Dissolved Chromium	<0.010 J	mg/l	j		6010 B/6020 B		L600034-04
MW-7	10/8/2013	Dissolved Chromium	<0.010	mg/L	u	0.01			L662184-04
MW-7	11/5/1992	Dissolved Iron	4250.00	ug/l	v	100		Envirotech	
MW-7	3/26/1993	Dissolved Iron	3150.00	ug/l	v	100		Envirotech	
MW-7	10/29/1993	Dissolved Iron	1010.00	ug/l	v	100		Envirotech	
MW-7	3/7/1994	Dissolved Iron	1790.00	ug/l	v	100		Envirotech	
MW-7	6/21/1994	Dissolved Iron	2090.00	ug/l	v	100		Envirotech	
MW-7	12/13/1994	Dissolved Iron	2890.00	ug/l	v	100		Envirotech	
MW-7	6/28/1995	Dissolved Iron	2100.00	ug/l	v	100		Envirotech	
MW-7	12/11/1995	Dissolved Iron	2550.00	ug/l	v	100		Envirotech	
MW-7	6/18/1996	Dissolved Iron	1520.00	ug/l	v	100		Envirotech	
MW-7	12/10/1996	Dissolved Iron	3440.00	ug/l	v	100		Envirotech	
MW-7	6/18/1997	Dissolved Iron	2790.00	ug/l	v	100		UHL	
MW-7	12/9/1997	Dissolved Iron	3610.00	ug/l	v	100		UHL	
MW-7	8/18/1998	Dissolved Iron	2870.00	ug/l	v	100			
MW-7	12/10/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-7	12/15/1999	Dissolved Iron	0.02	mg/l	u	0.02	6010B	SPLAF	9912944-03
MW-7	12/14/2000	Dissolved Iron	0.01	ppm			SW-846 6010		
MW-7	12/10/2001	Dissolved Iron	0.43	mg/l			SW-846 6010		
MW-7	12/13/2002	Dissolved Iron	ND	mg/l	u		6010 B		02120518-06
MW-7	12/13/2002	Dissolved Iron	ND	mg/l	u		6010 B		02120518-09
MW-7	12/2/2003	Dissolved Iron	ND	mg/l	u		6010 B		03120155-03
MW-7	12/1/2004	Dissolved Iron	3.89	mg/l	u		6010 B		04120075-04
MW-7	12/13/2005	Dissolved Iron	ND	mg/l	u		6010 B		05120626-09
MW-7	12/19/2006	Dissolved Iron	ND	mg/l	u		6010 B		06121018-04
MW-7	12/4/2007	Dissolved Iron	0.000610 J	mg/l	j		6020 A		07120184-04
MW-7	12/2/2008	Dissolved Iron	0.03	mg/l	u		6020 A		08120127-04
MW-7	12/1/2009	Dissolved Iron	<0.1	mg/l	u		6010 B/6020 B		L434468-04
MW-7	8/10/2011	Dissolved Iron	<0.100	mg/l	u		6020		L530497-03
MW-7	10/9/2012	Dissolved Iron	<0.100	mg/l	u		6010 B/6020 B		L600034-04
MW-7	10/8/2013	Dissolved Iron	<0.100	mg/L	u	0.1			L662184-04
MW-7	12/10/2014	Dissolved Iron	1.6	mg/L					L738573-07
MW-7	9/3/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-07
MW-7	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-07
MW-7	3/8/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-07
MW-7	6/18/2020	Dissolved Iron	1.14	mg/L					L1231176-07
MW-7	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	3/26/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	12/13/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/28/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-7	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-7	8/18/1998	Dissolved Lead	3.00	ug/l	u	3			
MW-7	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-7	1/27/1999	Dissolved Lead	3.00	ug/l	u	3			
MW-7	6/10/1999	Dissolved Lead	3.00	ug/l	u	3		Pace	
MW-7	12/15/1999	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLAF	9912944-03
MW-7	6/6/2000	Dissolved Lead	0.010	mg/l	u	0.01	6010B	SPLAF	0006308-03
MW-7	6/26/2001	Dissolved Lead	< 0.01	mg/l	u		SW-846 6010		
MW-7	12/10/2001	Dissolved Lead	0.009	mg/l			SW-846 6010		
MW-7	6/19/2002	Dissolved Lead	< 0.00195 u	mg/l	u		SW-846 6010		
MW-7	6/19/2002	Dissolved Lead	<0.0018u	mg/l	u		SW-846 6010		
MW-7	12/13/2002	Dissolved Lead	ND	mg/l	u		6010 B		02120518-06
MW-7	12/13/2002	Dissolved Lead	ND	mg/l	u		6010 B		02120518-09
MW-7	6/18/2003	Dissolved Lead	ND	mg/l	u		6010 B		03060775-04
MW-7	12/2/2003	Dissolved Lead	ND	mg/l	u		6010 B		03120155-03
MW-7	6/8/2004	Dissolved Lead	ND	mg/l	u		6010 B		04060338-04
MW-7	12/1/2004	Dissolved Lead	ND	mg/l	u		6010 B		04120075-04
MW-7	6/14/2005	Dissolved Lead	ND	mg/l	u		6010 B		05060699-04
MW-7	12/13/2005	Dissolved Lead	ND	mg/l	u		6010 B		05120626-09
MW-7	6/27/2006	Dissolved Lead	ND	mg/l	u		6010 B		
MW-7	12/19/2006	Dissolved Lead	ND	mg/l	u		6010 B		06121018-04
MW-7	6/12/2007	Dissolved Lead	ND	mg/l	u		6010 B		07060670-04
MW-7	12/4/2007	Dissolved Lead	0.00066 UJ	mg/l	UJ		6020 A		07120184-04
MW-7	6/3/2008	Dissolved Lead	ND	mg/l	u		6020		08060177-04
MW-7	12/2/2008	Dissolved Lead	<0.0166	mg/l	u		6020 A		08120127-04
MW-7	6/23/2009	Dissolved Lead	<0.0022	mg/l	u		6020		09061301-04
MW-7	12/1/2009	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-04
MW-7	8/10/2011	Dissolved Lead	<0.001	mg/l	u		6020		L530497-03
MW-7	10/9/2012	Dissolved Lead	<0.001 UJ	mg/l	UJ		6010 B/6020 B		L600034-04
MW-7	10/8/2013	Dissolved Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	11/5/1992	Dissolved Manganese	877.00	ug/l	v	15		Envirotech	
MW-7	3/26/1993	Dissolved Manganese	1150.00	ug/l	v	15		Envirotech	
MW-7	10/29/1993	Dissolved Manganese	1120.00	ug/l	v	15		Envirotech	
MW-7	3/7/1994	Dissolved Manganese	837.00	ug/l	v	15		Envirotech	
MW-7	6/21/1994	Dissolved Manganese	1050.00	ug/l	v	15		Envirotech	
MW-7	12/13/1994	Dissolved Manganese	1100.00	ug/l	v	15		Envirotech	
MW-7	6/28/1995	Dissolved Manganese	1060.00	ug/l	v	15		Envirotech	
MW-7	12/11/1995	Dissolved Manganese	1160.00	ug/l	v	15		Envirotech	
MW-7	6/18/1996	Dissolved Manganese	1240.00	ug/l	v	15		Envirotech	
MW-7	12/10/1996	Dissolved Manganese	1310.00	ug/l	v	15		Envirotech	
MW-7	6/18/1997	Dissolved Manganese	1480.00	ug/l	v	15		UHL	
MW-7	12/9/1997	Dissolved Manganese	1410.00	ug/l	v	15		UHL	
MW-7	8/18/1998	Dissolved Manganese	1440.00	ug/l	v	15			
MW-7	12/10/1998	Dissolved Manganese	1230.00	ug/l	v	15		UHL	
MW-7	12/15/1999	Dissolved Manganese	0.01	mg/l	v	0.01	6010B	SPLAF	9912944-03
MW-7	12/14/2000	Dissolved Manganese	0.38	ppm			SW-846 6010		
MW-7	12/10/2001	Dissolved Manganese	0.29	mg/l			SW-846 6010		
MW-7	12/13/2002	Dissolved Manganese	0.03	mg/l			6010 B		02120518-06
MW-7	12/13/2002	Dissolved Manganese	0.05	mg/l			6010 B		02120518-09
MW-7	12/2/2003	Dissolved Manganese	0.07	mg/l			6010 B		03120155-03
MW-7	12/1/2004	Dissolved Manganese	3.00	mg/l			6010 B		04120075-04
MW-7	12/13/2005	Dissolved Manganese	0.315 J	mg/l	j		6010 B		05120626-09
MW-7	12/19/2006	Dissolved Manganese	0.428 J	mg/l	j		6010 B		06121018-04
MW-7	12/4/2007	Dissolved Manganese	0.31 J	mg/l	j		6020 A		07120184-04
MW-7	12/2/2008	Dissolved Manganese	0.16	mg/l			6020 A		08120127-04
MW-7	12/1/2009	Dissolved Manganese	0.16	mg/l			6010 B/6020 B		L434468-04
MW-7	8/10/2011	Dissolved Manganese	0.25 J	mg/l	j		6020		L530497-03
MW-7	10/9/2012	Dissolved Manganese	0.25 J	mg/l	j		6010 B/6020 B		L600034-04
MW-7	10/8/2013	Dissolved Manganese	0.37 J	mg/L	j				L662184-04
MW-7	12/10/2014	Dissolved Manganese	0.094	mg/L					L738573-07
MW-7	9/3/2015	Dissolved Manganese	0.0289	mg/L					L787147-07
MW-7	6/8/2016	Dissolved Manganese	0.0603	mg/L					L840417-07
MW-7	3/8/2017	Dissolved Manganese	0.0711	mg/L					L894955-07
MW-7	6/18/2020	Dissolved Manganese	0.0718	mg/L					L1231176-07
MW-7	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	3/26/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	6/28/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7	6/18/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-7	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-7	8/18/1998	Dissolved Mercury	0.10	ug/l	u	0.10			
MW-7	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-7	6/10/1999	Dissolved Mercury	0.20	ug/l	u	0.20		Pace	
MW-7	12/15/1999	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470A	SPLAF	9912944-03
MW-7	6/6/2000	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLAF	0006308-03
MW-7	12/14/2000	Dissolved Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-7	6/26/2001	Dissolved Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-7	12/10/2001	Dissolved Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-7	6/19/2002	Dissolved Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-7	6/19/2002	Dissolved Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-7	12/13/2002	Dissolved Mercury	ND	mg/l	u		7470 A		02120518-06
MW-7	12/13/2002	Dissolved Mercury	ND	mg/l	u		7470 A		02120518-09
MW-7	6/18/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03060775-04
MW-7	12/2/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03120155-03
MW-7	6/8/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04060338-04
MW-7	12/1/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04120075-04
MW-7	6/14/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05060699-04
MW-7	12/13/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05120626-09
MW-7	6/27/2006	Dissolved Mercury	ND	mg/l	u		7470 A		
MW-7	12/19/2006	Dissolved Mercury	ND	mg/l	u		7470 A		06121018-04
MW-7	6/12/2007	Dissolved Mercury	ND	mg/l	u		7470 A		07060670-04
MW-7	12/4/2007	Dissolved Mercury	0.000134 J	mg/l	j		7470 A		07120184-04
MW-7	6/3/2008	Dissolved Mercury	ND UJ	mg/l	UJ		7470 A		08060177-04
MW-7	12/2/2008	Dissolved Mercury	<0.000073	mg/l	u		7470 A		08120127-04
MW-7	6/23/2009	Dissolved Mercury	<0.000073	mg/l	u		7470 A		09061301-04
MW-7	12/1/2009	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L434468-04
MW-7	8/10/2011	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L530497-03
MW-7	10/9/2012	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L600034-04
MW-7	10/8/2013	Dissolved Mercury	<0.0002	mg/L	u	0.0002			L662184-04
MW-7	12/15/1999	Ethyl benzene	5.00	ug/l	u	5	8260B	SPLAF	9912944-03
MW-7	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021B	SPLAF	0006308-03
MW-7	6/26/2001	Ethyl benzene	<1	ug/l	u		SW-846 8021		
MW-7	6/26/2001	Ethyl benzene	<1	ug/l	u		SW-846 8021		
MW-7	6/19/2002	Ethyl benzene	< 0 .0933	ug/l	u		SW-846 8021		
MW-7	6/19/2002	Ethyl benzene	< 0.0933	ug/l	u		SW-846 8021		
MW-7	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-09
MW-7	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-04
MW-7	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-03
MW-7	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-04
MW-7	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-04
MW-7	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-09
MW-7	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-7	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-04
MW-7	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-04
MW-7	12/4/2007	Ethyl benzene	ND	ug/l	u		8260 B		07120184-04
MW-7	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-04
MW-7	12/2/2008	Ethyl benzene	<1	ug/l	u		8260 B		08120127-04
MW-7	6/23/2009	Ethyl benzene	<1	ug/l	u		8021 B		09061301-04
MW-7	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-04
MW-7	8/10/2011	Ethyl benzene	<1	ug/l	u		8021 B		L530497-03
MW-7	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-04
MW-7	-	Ferrous Fe	0	mg/l					
MW-7	9/6/1989	Fluorene	1.90	ug/l	u	1.90		Radian	
MW-7	10/2/1989	Fluorene	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	Fluorene	10.00	ug/l	u	10		Radian	
MW-7	3/6/1991	Fluorene	10.00	ug/l	u	10		IEA	
MW-7	9/5/1991	Fluorene	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	Fluorene	10.00	ug/l	u	10			
MW-7	11/5/1992	Fluorene	0.40	ug/l	jv	10		Envirotech	
MW-7	3/26/1993	Fluorene	250.00	ug/l	u	250		Envirotech	
MW-7	10/29/1993	Fluorene	20.00	ug/l	u	20		Envirotech	
MW-7	3/7/1994	Fluorene	220.00	ug/l	u	220		Envirotech	
MW-7	6/21/1994	Fluorene	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Fluorene	0.70	ug/l	jv	10		Envirotech	
MW-7	6/28/1995	Fluorene	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Fluorene	0.80	ug/l	jv	10		Envirotech	
MW-7	6/18/1996	Fluorene	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	Fluorene	0.90	ug/l	jv	10		Envirotech	
MW-7	6/18/1997	Fluorene	10.40	ug/l	u	10.40			
MW-7	12/9/1997	Fluorene	10.00	ug/l	u	10			
MW-7	8/18/1998	Fluorene	10.00	ug/l	u	10			
MW-7	12/10/1998	Fluorene	10.00	ug/l	u	10			
MW-7	6/10/1999	Fluorene	10.00	ug/l	u	10			
MW-7	9/6/1989	Fluoride	0.06	mg/l	v				
MW-7	12/12/1989	Fluoride	0.03	mg/l	v	0.005		Radian	
MW-7	3/13/1990	Fluoride	0.07	mg/l	v	0.050		Radian	
MW-7	6/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-7	9/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-7	12/5/1990	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-7	3/6/1991	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-7	6/5/1991	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-7	9/6/1989	Iron	25.00	mg/l	v	0.007		Radian	
MW-7	12/12/1989	Iron	13.00	mg/l	v	0.04		Radian	
MW-7	3/13/1990	Iron	1.70	mg/l	v	0.040		Radian	
MW-7	6/12/1990	Iron	32.00	mg/l	v	0.007		Radian	
MW-7	9/12/1990	Iron	8.10	mg/l	v	0.007		Radian	
MW-7	12/5/1990	Iron	3.40	mg/l	v			IEA	
MW-7	3/6/1991	Iron	24.00	mg/l	v			IEA	
MW-7	6/5/1991	Iron	5.40	mg/l	v			IEA	
MW-7	1/20/1992	Iron	39.00	mg/l	v	0.03		IEA	
MW-7	11/5/1992	Iron	4570.00	ug/l	v	100		Envirotech	
MW-7	3/26/1993	Iron	3450.00	ug/l	v	100		Envirotech	
MW-7	10/29/1993	Iron	1570.00	ug/l	v	100		Envirotech	
MW-7	3/7/1994	Iron	2920.00	ug/l	v	100		Envirotech	
MW-7	6/21/1994	Iron	2340.00	ug/l	v	100		Envirotech	
MW-7	12/13/1994	Iron	3230.00	ug/l	v	100		Envirotech	
MW-7	6/28/1995	Iron	2250.00	ug/l	v	100		Envirotech	
MW-7	12/11/1995	Iron	2610.00	ug/l	v	100		Envirotech	
MW-7	6/18/1996	Iron	1840.00	ug/l	v	100		Envirotech	
MW-7	12/10/1996	Iron	3400.00	ug/l	v	100		Envirotech	
MW-7	6/18/1997	Iron	2590.00	ug/l	v	100		UHL	
MW-7	12/9/1997	Iron	2610.00	ug/l	v	100		UHL	
MW-7	8/18/1998	Iron	2770.00	ug/l	v	100			
MW-7	12/10/1998	Iron	26100.00	ug/l	v	100		UHL	
MW-7	12/15/1999	Iron	15.60	mg/l	jv	0.02	6010B	SPLLA	9912944-03
MW-7	12/14/2000	Iron	22.80	ppm			SW-846 6010		
MW-7	12/10/2001	Iron	1.01	mg/l			SW-846 6010		
MW-7	12/10/2001	Iron	1.51	mg/l			SW-846 6010		
MW-7	12/13/2002	Iron	9.38	mg/l			6010 B		02120518-09
MW-7	12/13/2002	Iron	17.70	mg/l			6010 B		02120518-06
MW-7	12/2/2003	Iron	2.48	mg/l			6010 B		03120155-03
MW-7	12/1/2004	Iron	4.53	mg/l			6010 B		04120075-04
MW-7	12/13/2005	Iron	1.74 J	mg/l	j		6010 B		05120626-09
MW-7	12/19/2006	Iron	1.82 J	mg/l	j		6010 B		06121018-04
MW-7	12/4/2007	Iron	22.8 J	mg/l	j		6020 A		07120184-04
MW-7	12/2/2008	Iron	1.07 J	mg/l	j		6020 A		08120127-04
MW-7	12/1/2009	Iron	2.90	mg/l			6010 B/6020 B		L434468-04
MW-7	8/10/2011	Iron	18.00	mg/l			6020		L530497-03
MW-7	10/9/2012	Iron	6.9 J	mg/l	j		6010 B/6020 B		L600034-04
MW-7	9/6/1989	Isophorone	2.20	ug/l	u	2.20		Radian	
MW-7	10/2/1989	Isophorone	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	Isophorone	10.00	ug/l	u	10		Radian	
MW-7	3/6/1991	Isophorone	10.00	ug/l	u	10		IEA	
MW-7	9/5/1991	Isophorone	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	Isophorone	10.00	ug/l	u	10			

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	11/5/1992	Isophorone	10.00	ug/l	u	10		Envirotech	
MW-7	3/26/1993	Isophorone	250.00	ug/l	u	250		Envirotech	
MW-7	10/29/1993	Isophorone	20.00	ug/l	u	20		Envirotech	
MW-7	3/7/1994	Isophorone	220.00	ug/l	u	220		Envirotech	
MW-7	6/21/1994	Isophorone	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Isophorone	0.90	ug/l	jv	10		Envirotech	
MW-7	6/28/1995	Isophorone	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Isophorone	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1996	Isophorone	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	Isophorone	0.70	ug/l	jv	10		Envirotech	
MW-7	6/18/1997	Isophorone	10.40	ug/l	u	10.40			
MW-7	12/9/1997	Isophorone	10.00	ug/l	u	10			
MW-7	8/18/1998	Isophorone	10.00	ug/l	u	10			
MW-7	12/10/1998	Isophorone	10.00	ug/l	u	10			
MW-7	6/10/1999	Isophorone	10.00	ug/l	u	10			
MW-7	12/1/2009	Isopropylbenzene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Isopropylbenzene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Isopropylbenzene	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Laboratory conductivity	310.00	umhos/cm	v				
MW-7	11/16/1989	Laboratory conductivity	305.00	umhos/cm	v			Radian	
MW-7	9/5/1991	Laboratory conductivity	400.00	uS/cm	v			IEA	
MW-7	1/20/1992	Laboratory conductivity	300.00	uS/cm	v	1		IEA	
MW-7	9/6/1989	Laboratory pH	6.00	s.u.	v				
MW-7	11/16/1989	Laboratory pH	5.60	s.u.	v			Radian	
MW-7	9/5/1991	Laboratory pH	6.20	s.u.	v			IEA	
MW-7	1/20/1992	Laboratory pH	6.10	s.u.	v			IEA	
MW-7	9/6/1989	Lead	0.008	mg/l	v	0.002		Radian	
MW-7	12/12/1989	Lead	0.0046	mg/l	v	0.002		Radian	
MW-7	3/13/1990	Lead	0.015	mg/l	v	0.003		Radian	
MW-7	6/12/1990	Lead	0.009	mg/l	v	0.003		Radian	
MW-7	9/12/1990	Lead	0.0040	mg/l	v	0.003		Radian	
MW-7	12/5/1990	Lead	0.0050	mg/l	u	0.005		IEA	
MW-7	3/6/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-7	6/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-7	9/5/1991	Lead	0.0050	mg/l	u			IEA	
MW-7	1/20/1992	Lead	0.006	mg/l	v	0.005		IEA	
MW-7	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	3/26/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/28/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-7	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-7	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-7	8/18/1998	Lead	3.00	ug/l	u	3			
MW-7	12/10/1998	Lead	28.10	ug/l	v	3		UHL	
MW-7	1/27/1999	Lead	3.51	ug/l	v	3			
MW-7	6/10/1999	Lead	21.60	ug/l	jv	3		Pace	
MW-7	12/15/1999	Lead	0.07	mg/l	jv	0.01	6010B	SPLLA	9912944-03
MW-7	6/6/2000	Lead	0.478	mg/l	v	0.01	6010B	SPLLA	0006308-03
MW-7	12/14/2000	Lead	0.042	ppm			SW-846 6010		
MW-7	6/26/2001	Lead	< 0.01 uj	mg/l	UJ		SW-846 6010		
MW-7	6/26/2001	Lead	0.012 j	mg/l	j		SW-846 6010		
MW-7	12/10/2001	Lead	0.010	mg/l			SW-846 6010		
MW-7	12/10/2001	Lead	0.014	mg/l			SW-846 6010		
MW-7	6/19/2002	Lead	0.032	mg/l			SW-846 6010		
MW-7	6/19/2002	Lead	0.044	mg/l			SW-846 6010		
MW-7	12/13/2002	Lead	0.015	mg/l			6010 B		02120518-09
MW-7	12/13/2002	Lead	0.018	mg/l			6010 B		02120518-06
MW-7	6/18/2003	Lead	ND	mg/l	u		6010 B		03060775-04
MW-7	12/2/2003	Lead	0.009	mg/l			6010 B		03120155-03
MW-7	6/8/2004	Lead	0.00658 J	mg/l	j		6010 B		04060338-04
MW-7	12/1/2004	Lead	ND	mg/l	u		6010 B		04120075-04
MW-7	6/14/2005	Lead	0.0193 J	mg/l	j		6010 B		05060699-04
MW-7	12/13/2005	Lead	0.0204 J	mg/l	j		6010 B		05120626-09
MW-7	6/27/2006	Lead	ND	mg/l	u		6010 B		
MW-7	12/19/2006	Lead	ND	mg/l	u		6010 B		06121018-04
MW-7	6/12/2007	Lead	ND	mg/l	u		6010 B		07060670-04
MW-7	12/4/2007	Lead	0.0243 J	mg/l	j		6020 A		07120184-04
MW-7	6/3/2008	Lead	0.014	mg/l			6020		08060177-04
MW-7	12/2/2008	Lead	<0.0166 UJ	mg/l	UJ		6020 A		08120127-04
MW-7	6/23/2009	Lead	0.00294 J	mg/l	j		6020		09061301-04
MW-7	12/1/2009	Lead	0.0034	mg/l			6010 B/6020 B		L434468-04
MW-7	8/10/2011	Lead	0.022	mg/l			6020		L530497-03
MW-7	10/9/2012	Lead	0.0096 J	mg/l	j		6010 B/6020 B		L600034-04
MW-7	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5		Pace	
MW-7	12/15/1999	m&p-Xylenes	5.00	ug/l	u	5	8260B	SPLLA	9912944-03
MW-7	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-09
MW-7	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-04
MW-7	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-03
MW-7	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-04
MW-7	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-04

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-04
MW-7	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-09
MW-7	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-7	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-04
MW-7	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-04
MW-7	12/4/2007	m&p-Xylenes	ND	ug/l	u		8260 B		07120184-04
MW-7	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-04
MW-7	12/2/2008	m&p-Xylenes	<1	ug/l	u		8260 B		08120127-04
MW-7	6/23/2009	m&p-Xylenes	< 1	ug/l	u		8021 B		09061301-04
MW-7	9/6/1989	Manganese	0.70	mg/l	v	0.002		Radian	
MW-7	12/12/1989	Manganese	0.74	mg/l	v	0.01		Radian	
MW-7	3/13/1990	Manganese	0.69	mg/l	v	0.01		Radian	
MW-7	6/12/1990	Manganese	1.10	mg/l	v	0.002		Radian	
MW-7	9/12/1990	Manganese	0.93	mg/l	v	0.002		Radian	
MW-7	12/5/1990	Manganese	0.78	mg/l	v			IEA	
MW-7	3/6/1991	Manganese	0.95	mg/l	v			IEA	
MW-7	6/5/1991	Manganese	0.81	mg/l	v			IEA	
MW-7	1/20/1992	Manganese	1.20	mg/l	v	0.01		IEA	
MW-7	11/5/1992	Manganese	893.00	ug/l	v	15		Envirotech	
MW-7	3/26/1993	Manganese	1110.00	ug/l	v	15		Envirotech	
MW-7	10/29/1993	Manganese	1170.00	ug/l	v	15		Envirotech	
MW-7	3/7/1994	Manganese	1120.00	ug/l	v	15		Envirotech	
MW-7	6/21/1994	Manganese	1010.00	ug/l	v	15		Envirotech	
MW-7	12/13/1994	Manganese	1140.00	ug/l	v	15		Envirotech	
MW-7	6/28/1995	Manganese	1060.00	ug/l	v	15		Envirotech	
MW-7	12/11/1995	Manganese	1190.00	ug/l	v	15		Envirotech	
MW-7	6/18/1996	Manganese	1250.00	ug/l	v	15		Envirotech	
MW-7	12/10/1996	Manganese	1230.00	ug/l	v	15		Envirotech	
MW-7	6/18/1997	Manganese	1210.00	ug/l	v	15		UHL	
MW-7	12/9/1997	Manganese	950.00	ug/l	v	15		UHL	
MW-7	8/18/1998	Manganese	1390.00	ug/l	v	15			
MW-7	12/10/1998	Manganese	2030.00	ug/l	v	15		UHL	
MW-7	12/15/1999	Manganese	2.06	mg/l	v	0.01	6010B	SPLLA	9912944-03
MW-7	12/14/2000	Manganese	1.47	ppm			SW-846 6010		
MW-7	12/10/2001	Manganese	0.50	mg/l			SW-846 6010		
MW-7	12/10/2001	Manganese	0.64	mg/l			SW-846 6010		
MW-7	12/13/2002	Manganese	0.46	mg/l			6010 B		02120518-09
MW-7	12/13/2002	Manganese	0.58	mg/l			6010 B		02120518-06
MW-7	12/2/2003	Manganese	0.41	mg/l			6010 B		03120155-03
MW-7	12/1/2004	Manganese	2.97	mg/l			6010 B		04120075-04
MW-7	12/13/2005	Manganese	0.883 J	mg/l	j		6010 B		05120626-09
MW-7	12/19/2006	Manganese	0.449 J	mg/l	j		6010 B		06121018-04
MW-7	12/4/2007	Manganese	0.538 J	mg/l	j		6020 A		07120184-04
MW-7	12/2/2008	Manganese	0.165 J	mg/l	j		6020 A		08120127-04
MW-7	12/1/2009	Manganese	0.19	mg/l			6010 B/6020 B		L434468-04
MW-7	8/10/2011	Manganese	0.48 J	mg/l	j		6020		L530497-03
MW-7	10/9/2012	Manganese	0.33 J	mg/l	j		6010 B/6020 B		L600034-04
MW-7	9/6/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-7	12/12/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-7	3/13/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-7	6/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-7	9/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-7	12/5/1990	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-7	3/6/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-7	6/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-7	9/5/1991	Mercury	0.0005	mg/l	u			IEA	
MW-7	1/20/1992	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-7	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	3/26/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	6/28/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	12/11/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7	6/18/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-7	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-7	8/18/1998	Mercury	0.17	ug/l	v	0.10			
MW-7	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-7	6/10/1999	Mercury	0.20	ug/l	u	0.20		Pace	
MW-7	12/15/1999	Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLA	9912944-03
MW-7	6/6/2000	Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLLA	0006308-03
MW-7	12/14/2000	Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-7	6/26/2001	Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-7	6/26/2001	Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-7	12/10/2001	Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-7	12/10/2001	Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-7	6/19/2002	Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-7	6/19/2002	Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-7	12/13/2002	Mercury	ND	mg/l	u		7470 A		02120518-06
MW-7	12/13/2002	Mercury	ND	mg/l	u		7470 A		02120518-09
MW-7	6/18/2003	Mercury	ND	mg/l	u		7470 A		03060775-04
MW-7	12/2/2003	Mercury	ND	mg/l	u		7470 A		03120155-03
MW-7	6/8/2004	Mercury	ND	mg/l	u		7470 A		04060338-04
MW-7	12/1/2004	Mercury	ND	mg/l	u		7470 A		04120075-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	6/14/2005	Mercury	ND	mg/l	u		7470 A		05060699-04
MW-7	12/13/2005	Mercury	ND	mg/l	u		7470 A		05120626-09
MW-7	6/27/2006	Mercury	ND	mg/l	u		7470 A		
MW-7	12/19/2006	Mercury	ND	mg/l	u		7470 A		06121018-04
MW-7	6/12/2007	Mercury	ND	mg/l	u		7470 A		07060670-04
MW-7	12/4/2007	Mercury	0.00005 UJ	mg/l	UJ		7470 A		07120184-04
MW-7	6/3/2008	Mercury	ND UJ	mg/l	UJ		7470 A		08060177-04
MW-7	12/2/2008	Mercury	<0.000073	mg/l	u		7470 A		08120127-04
MW-7	6/23/2009	Mercury	<0.000073	mg/l	u		7470 A		09061301-04
MW-7	12/1/2009	Mercury	<0.0002	mg/l	u		7470 A		L434468-04
MW-7	8/10/2011	Mercury	<0.0002	mg/l	u		7470 A		L530497-03
MW-7	10/9/2012	Mercury	<0.0002 UJ	mg/l	UJ		7470 A		L600034-04
MW-7	12/1/2009	Methyl Acetate	<20	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Methyl Acetate	<20.0 UJ	ug/l	UJ		8260 B		L600034-04
MW-7	10/8/2013	Methyl Acetate	<20.0	ug/L	u	20			L662184-04
MW-7	12/1/2009	Methyl Cyclohexane	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Methyl Cyclohexane	<1.0 R	ug/l	R		8260 B		L600034-04
MW-7	10/8/2013	Methyl Cyclohexane	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Methyl ethyl ketone	50.00	ug/l	u	50		Radian	
MW-7	10/2/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-7	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-7	12/12/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-7	3/13/1990	Methyl ethyl ketone	20.00	ug/l	u	20		Radian	
MW-7	6/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-7	9/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-7	12/5/1990	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-7	3/6/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-7	6/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-7	9/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-7	1/20/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-7	3/26/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	10/29/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	6/28/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-7	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-7	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-7	12/15/1999	Methyl ethyl ketone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-03
MW-7	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-04
MW-7	12/1/2009	Methyl tert-butyl ether	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Methyl tert-butyl ether	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Methylene chloride	5.70	ug/l	bv	5.600		Radian	
MW-7	10/2/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-7	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-7	12/12/1989	Methylene chloride	3.20	ug/l	jvb	5		Radian	
MW-7	3/13/1990	Methylene chloride	23.00	ug/l	bv	10		Radian	
MW-7	6/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-7	9/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-7	12/5/1990	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-7	3/6/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-7	6/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-7	9/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-7	1/20/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-7	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	3/26/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	10/29/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	6/28/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-7	12/9/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-7	8/18/1998	Methylene chloride	5.00	ug/l	u	5			
MW-7	12/10/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-7	12/15/1999	Methylene chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Methylene chloride	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Methylene chloride	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Methylene chloride	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Methylene chloride	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Methylene chloride	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Methylene chloride	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Methylene chloride	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Methylene chloride	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Methylene chloride	<5	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Methylene chloride	<5.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Methylene chloride	<5.0	ug/L	u	5			L662184-04
MW-7	9/6/1989	Naphthalene (SVOA)	13.00	ug/l	v	1.60		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	10/2/1989	Naphthalene (SVOA)	15.00	ug/l	v	10		Radian	
MW-7	11/16/1989	Naphthalene (SVOA)	13.00	ug/l	v	10		Radian	
MW-7	3/6/1991	Naphthalene (SVOA)	24.00	ug/l	v	10		IEA	
MW-7	9/5/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	Naphthalene (SVOA)	13.00	ug/l	v	10		IEA	
MW-7	11/5/1992	Naphthalene (SVOA)	8.00	ug/l	jv	10		Envirotech	
MW-7	3/26/1993	Naphthalene (SVOA)	250.00	ug/l	u	250		Envirotech	
MW-7	10/29/1993	Naphthalene (SVOA)	1.20	ug/l	jv	20		Envirotech	
MW-7	3/7/1994	Naphthalene (SVOA)	220.00	ug/l	u	220		Envirotech	
MW-7	6/21/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Naphthalene (SVOA)	3.10	ug/l	jv	10		Envirotech	
MW-7	6/28/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Naphthalene (SVOA)	5.20	ug/l	jv	10		Envirotech	
MW-7	6/18/1996	Naphthalene (SVOA)	14.00	ug/l	v	10		Envirotech	
MW-7	12/10/1996	Naphthalene (SVOA)	5.20	ug/l	jv	10		Envirotech	
MW-7	6/18/1997	Naphthalene (SVOA)	10.40	ug/l	u	10.40		UHL	
MW-7	12/9/1997	Naphthalene (SVOA)	10.00	ug/l	u	10		UHL	
MW-7	8/18/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-7	12/10/1998	Naphthalene (SVOA)	10.00	ug/l	u	10		UHL	
MW-7	6/10/1999	Naphthalene (SVOA)	10.00	ug/l	u	10		Pace	
MW-7	9/6/1989	Nickel	0.023	mg/l	v	0.015		Radian	
MW-7	9/6/1989	Nitrate/Nitrite	0.33	mg/l	v				
MW-7	12/12/1989	Nitrate/Nitrite	0.04	mg/l	v	0.02		Radian	
MW-7	3/13/1990	Nitrate/Nitrite	0.06	mg/l	v	0.02		Radian	
MW-7	6/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-7	9/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-7	12/5/1990	Nitrate/Nitrite	0.10	mg/l	u	0.10		IEA	
MW-7	3/6/1991	Nitrate/Nitrite	0.02	mg/l	v				
MW-7	6/5/1991	Nitrate/Nitrite	0.02	mg/l	u	0.02		IEA	
MW-7	6/10/1999	o-Xylene	5.00	ug/l	u	5		Pace	
MW-7	12/15/1999	o-Xylene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-09
MW-7	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-04
MW-7	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-03
MW-7	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-04
MW-7	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-04
MW-7	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-04
MW-7	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-09
MW-7	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-7	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-04
MW-7	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-04
MW-7	12/4/2007	o-Xylene	ND	ug/l	u		8260 B		07120184-04
MW-7	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-04
MW-7	12/2/2008	o-Xylene	<1	ug/l	u		8260 B		08120127-04
MW-7	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-04
MW-7	9/6/1989	Phenanthrene	5.50	ug/l	u	5.5		Radian	
MW-7	10/2/1989	Phenanthrene	10.00	ug/l	u	10		Radian	
MW-7	11/16/1989	Phenanthrene	10.00	ug/l	u	10		Radian	
MW-7	3/6/1991	Phenanthrene	10.00	ug/l	u	10		IEA	
MW-7	9/5/1991	Phenanthrene	10.00	ug/l	u	10		IEA	
MW-7	1/20/1992	Phenanthrene	10.00	ug/l	u	10			
MW-7	11/5/1992	Phenanthrene	10.00	ug/l	u	10		Envirotech	
MW-7	3/26/1993	Phenanthrene	250.00	ug/l	u	250		Envirotech	
MW-7	10/29/1993	Phenanthrene	20.00	ug/l	u	20		Envirotech	
MW-7	3/7/1994	Phenanthrene	220.00	ug/l	u	220		Envirotech	
MW-7	6/21/1994	Phenanthrene	10.00	ug/l	u	10		Envirotech	
MW-7	12/13/1994	Phenanthrene	0.80	ug/l	jv	10		Envirotech	
MW-7	6/28/1995	Phenanthrene	10.00	ug/l	u	10		Envirotech	
MW-7	12/11/1995	Phenanthrene	1.20	ug/l	jv	10		Envirotech	
MW-7	6/18/1996	Phenanthrene	1.70	ug/l	jv	10		Envirotech	
MW-7	12/10/1996	Phenanthrene	1.80	ug/l	jv	10		Envirotech	
MW-7	6/18/1997	Phenanthrene	10.40	ug/l	u	10.40			
MW-7	12/9/1997	Phenanthrene	10.00	ug/l	u	10			
MW-7	8/18/1998	Phenanthrene	10.00	ug/l	u	10			
MW-7	12/10/1998	Phenanthrene	10.00	ug/l	u	10			
MW-7	6/10/1999	Phenanthrene	10.00	ug/l	u	10			
MW-7	9/6/1989	Phenol	1.50	ug/l	u	1.5			
MW-7	10/2/1989	Phenol	10.00	ug/l	u	10			
MW-7	11/16/1989	Phenol	10.00	ug/l	u	10			
MW-7	3/6/1991	Phenol	10.00	ug/l	u	10			
MW-7	9/5/1991	Phenol	10.00	ug/l	u	10			
MW-7	1/20/1992	Phenol	10.00	ug/l	u	10			
MW-7	11/5/1992	Phenol	10.00	ug/l	u	10			
MW-7	3/26/1993	Phenol	250.00	ug/l	u	250			
MW-7	10/29/1993	Phenol	20.00	ug/l	u	20			
MW-7	3/7/1994	Phenol	220.00	ug/l	u	220			
MW-7	6/21/1994	Phenol	10.00	ug/l	u	10			
MW-7	12/13/1994	Phenol	10.00	ug/l	u	10			
MW-7	6/28/1995	Phenol	10.00	ug/l	u	10			
MW-7	12/11/1995	Phenol	10.00	ug/l	u	10			
MW-7	6/18/1996	Phenol	10.00	ug/l	u	10			
MW-7	12/10/1996	Phenol	10.00	ug/l	u	10			
MW-7	6/18/1997	Phenol	10.40	ug/l	u	10.40			
MW-7	12/9/1997	Phenol	10.00	ug/l	u	10			
MW-7	8/18/1998	Phenol	10.00	ug/l	u	10			
MW-7	12/10/1998	Phenol	10.00	ug/l	u	10			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	6/10/1999	Phenol	10.00	ug/l	u	10			
MW-7	9/6/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-7	12/12/1989	Selenium	0.0020	mg/l	u	0.002		Radian	
MW-7	3/13/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-7	6/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-7	9/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-7	12/5/1990	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-7	3/6/1991	Selenium	0.0050	mg/l	u	0.005			
MW-7	6/5/1991	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-7	9/6/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-7	12/12/1989	Silver	0.01	mg/l	u	0.01		Radian	
MW-7	3/13/1990	Silver	0.01	mg/l	u	0.01		Radian	
MW-7	6/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-7	9/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-7	12/5/1990	Silver	0.05	mg/l	u	0.05		IEA	
MW-7	3/6/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-7	6/5/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-7	9/6/1989	Sodium	7.80	mg/l	v	0.029		Radian	
MW-7	12/12/1989	Sodium	8.80	mg/l	v	1		Radian	
MW-7	3/13/1990	Sodium	5.50	mg/l	v	1		Radian	
MW-7	6/12/1990	Sodium	4.50	mg/l	v	0.028999999		Radian	
MW-7	9/12/1990	Sodium	7.90	mg/l	v	0.029		Radian	
MW-7	12/5/1990	Sodium	5.90	mg/l	v			IEA	
MW-7	3/6/1991	Sodium	6.90	mg/l	v			IEA	
MW-7	6/5/1991	Sodium	6.20	mg/l	v			IEA	
MW-7	12/15/1999	Styrene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Styrene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Styrene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Styrene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Styrene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Styrene	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Styrene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Styrene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Styrene	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Styrene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Styrene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Styrene	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Sulfate	15.00	mg/l	v				
MW-7	12/12/1989	Sulfate	8.30	mg/l	v	0.050		Radian	
MW-7	3/13/1990	Sulfate	4.40	mg/l	v	0.050		Radian	
MW-7	6/12/1990	Sulfate	4.60	mg/l	v	0.050		Radian	
MW-7	9/12/1990	Sulfate	9.00	mg/l	v	0.05		Radian	
MW-7	12/5/1990	Sulfate	5.20	mg/l	v			IEA	
MW-7	3/6/1991	Sulfate	4.80	mg/l	v				
MW-7	6/5/1991	Sulfate	5.80	mg/l	v			IEA	
MW-7	12/15/1999	Tetrachloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Tetrachloroethene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Tetrachloroethene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Tetrachloroethene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Tetrachloroethene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Tetrachloroethene	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Tetrachloroethene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Tetrachloroethene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Tetrachloroethene	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Tetrachloroethene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Tetrachloroethene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Tetrachloroethene	<1.0	ug/L	u	1			L662184-04
MW-7	9/6/1989	Thallium	0.05	mg/l	u	0.05		Radian	
MW-7	9/6/1989	Tin	0.075	mg/l	v	0.015		Radian	
MW-7	12/15/1999	Toluene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	6/6/2000	Toluene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-03
MW-7	6/26/2001	Toluene	<1	ug/l	u		SW-846 8021		
MW-7	6/26/2001	Toluene	<1	ug/l	u		SW-846 8021		
MW-7	6/19/2002	Toluene	< 0.05	ug/l	u		SW-846 8021		
MW-7	6/19/2002	Toluene	< 0.05	ug/l	u		SW-846 8021		
MW-7	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-09
MW-7	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-04
MW-7	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-03
MW-7	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-04
MW-7	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-04
MW-7	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-04
MW-7	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-09
MW-7	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-7	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-04
MW-7	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-04
MW-7	12/4/2007	Toluene	ND	ug/l	u		8260 B		07120184-04
MW-7	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-04
MW-7	12/2/2008	Toluene	<1	ug/l	u		8260 B		08120127-04
MW-7	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-04
MW-7	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-04
MW-7	8/10/2011	Toluene	< 5	ug/l	u		8021 B		L530497-03
MW-7	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Toluene	<5.0	ug/L	u	5			L662184-04
MW-7	10/8/2013	Total Barium	0.42	mg/l					L662184-04
MW-7	10/8/2013	Total Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-04
MW-7	10/8/2013	Total Chromium	0.010	mg/L					L662184-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	3/6/1991	Total dissolved solids	280.00	mg/l	v			IEA	
MW-7	10/8/2013	Total Iron	16	mg/L					L662184-04
MW-7	12/10/2014	Total Iron	1.4	mg/L					L738573-07
MW-7	9/3/2015	Total Iron	2.74	mg/L					L787147-07
MW-7	6/8/2016	Total Iron	3.16	mg/L					L840417-07
MW-7	3/8/2017	Total Iron	2.54	mg/L					L894955-07
MW-7	6/18/2020	Total Iron	3.62	mg/L					L1231176-07
MW-7	10/8/2013	Total Lead	0.015 J	mg/L	j				L662184-04
MW-7	10/8/2013	Total Manganese	0.55 J	mg/L	j				L662184-04
MW-7	12/10/2014	Total Manganese	0.1	mg/L					L738573-07
MW-7	9/3/2015	Total Manganese	0.0484	mg/L					L787147-07
MW-7	6/8/2016	Total Manganese	0.084	mg/L					L840417-07
MW-7	3/8/2017	Total Manganese	0.0794	mg/L					L894955-07
MW-7	6/18/2020	Total Manganese	0.116	mg/L					L1231176-07
MW-7	10/8/2013	Total Mercury	<0.0002 UJ	mg/L	u j	0.0002 UJ			L662184-04
MW-7	9/6/1989	Total organic carbon	25.00	mg/l	v				
MW-7	11/16/1989	Total organic carbon	20.00	mg/l	v			Radian	
MW-7	12/12/1989	Total organic carbon	21.00	mg/l	v	1		Radian	
MW-7	3/13/1990	Total organic carbon	23.00	mg/l	v	1		Radian	
MW-7	6/12/1990	Total organic carbon	26.00	mg/l	v	1		Radian	
MW-7	9/12/1990	Total organic carbon	20.00	mg/l	v	1		Radian	
MW-7	12/5/1990	Total organic carbon	20.00	mg/l	v			IEA	
MW-7	3/6/1991	Total organic carbon	20.00	mg/l	v				
MW-7	6/5/1991	Total organic carbon	22.00	mg/l	v			IEA	
MW-7	9/6/1989	Total organic halides	0.05	mg/l	v	0.02		Radian	
MW-7	11/16/1989	Total organic halides	0.01	mg/l	v	0.01		Radian	
MW-7	12/12/1989	Total organic halides	0.22	mg/l	v	0.01		Radian	
MW-7	3/13/1990	Total organic halides	0.05	mg/l	v	0.01		Radian	
MW-7	6/12/1990	Total organic halides	0.01	mg/l	v	0.01		Radian	
MW-7	9/12/1990	Total organic halides	0.29	mg/l	v	0.01		Radian	
MW-7	12/5/1990	Total organic halides	0.05	mg/l	v			IEA	
MW-7	3/6/1991	Total organic halides	0.04	mg/l	v				
MW-7	6/5/1991	Total organic halides	0.03	mg/l	v			IEA	
MW-7	9/6/1989	Total phenolics	0.01	ug/l	v				
MW-7	12/12/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-7	3/13/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-7	6/12/1990	Total phenolics	0.03	ug/l	v	0.005		Radian	
MW-7	9/12/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-7	12/5/1990	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-7	3/6/1991	Total phenolics	0.02	ug/l	v				
MW-7	6/5/1991	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-7	12/15/1999	trans-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	trans-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	trans-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	trans-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	trans-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	trans-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	Trichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Trichloroethene	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Trichloroethene	ND	ug/l	u		8260 B		02120518-09
MW-7	12/2/2003	Trichloroethene	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Trichloroethene	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Trichloroethene	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Trichloroethene	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Trichloroethene	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Trichloroethene	<5	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Trichloroethene	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Trichloroethene	<1.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Trichloroethene	<1.0	ug/L	u	1			L662184-04
MW-7	10/8/2013	Trichlorofluoromethane	<5.0	ug/L	u	5			L662184-04
MW-7	12/15/1999	Trichlorofluoromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/1/2009	Trichlorofluoromethane	<5 UJ	ug/l	UJ		8260 B		L434468-04
MW-7	10/9/2012	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L600034-04
MW-7	9/6/1989	Vanadium	0.07	mg/l	v	0.008		Radian	
MW-7	10/8/2013	Vinyl chloride	<1.0	ug/L	u	1			L662184-04
MW-7	12/15/1999	Vinyl acetate	10.00	ug/l	u	10	8260B	SPLLAF	9912944-03
MW-7	12/15/1999	Vinyl chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	12/13/2002	Vinyl chloride	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Vinyl chloride	ND	ug/l	u		8260 B		02120518-09

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7	12/2/2003	Vinyl chloride	ND	ug/l	u		8260 B		03120155-03
MW-7	12/1/2004	Vinyl chloride	ND	ug/l	u		8021 B		04120075-04
MW-7	12/13/2005	Vinyl chloride	ND	ug/l	u		8021 B		05120626-09
MW-7	12/19/2006	Vinyl chloride	ND	ug/l	u		8260 B		06121018-04
MW-7	12/4/2007	Vinyl chloride	ND	ug/l	u		8260 B		07120184-04
MW-7	12/2/2008	Vinyl chloride	<10	ug/l	u		8260 B		08120127-04
MW-7	12/1/2009	Vinyl chloride	<1	ug/l	u		8260 B		L434468-04
MW-7	10/9/2012	Vinyl chloride	<1.0	ug/l	u		8260 B		L600034-04
MW-7	9/6/1989	Xylenes, Total	6.30	ug/l	jv	9.200		Radian	
MW-7	10/2/1989	Xylenes, Total	5.00	ug/l	u	5		Radian	
MW-7	11/16/1989	Xylenes, Total	5.00	ug/l	u	5		Radian	
MW-7	12/12/1989	Xylenes, Total	5.50	ug/l	v	5		Radian	
MW-7	3/13/1990	Xylenes, Total	4.30	ug/l	jv	10		Radian	
MW-7	6/12/1990	Xylenes, Total	5.00	ug/l	u	5		Radian	
MW-7	9/12/1990	Xylenes, Total	5.00	ug/l	u	5		Radian	
MW-7	12/5/1990	Xylenes, Total	5.00	ug/l	u	5		IEA	
MW-7	3/6/1991	Xylenes, Total	5.00	ug/l	u	5		IEA	
MW-7	6/5/1991	Xylenes, Total	5.00	ug/l	u	5			
MW-7	9/5/1991	Xylenes, Total	5.00	ug/l	u	5		IEA	
MW-7	1/20/1992	Xylenes, Total	5.00	ug/l	u	5		IEA	
MW-7	11/5/1992	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	3/26/1993	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	10/29/1993	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	3/7/1994	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	6/21/1994	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	12/13/1994	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	6/28/1995	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	12/11/1995	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1996	Xylenes, Total	3.30	ug/l	jv	5		Envirotech	
MW-7	12/10/1996	Xylenes, Total	5.00	ug/l	u	5		Envirotech	
MW-7	6/18/1997	Xylenes, Total	5.00	ug/l	u	5		UHL	
MW-7	12/9/1997	Xylenes, Total	5.00	ug/l	u	5		UHL	
MW-7	8/18/1998	Xylenes, Total	5.00	ug/l	u	5			
MW-7	12/10/1998	Xylenes, Total	5.00	ug/l	u	5		UHL	
MW-7	6/10/1999	Xylenes, Total	5.00	ug/l	u	5			
MW-7	12/15/1999	Xylenes, Total	5.00	ug/l	u	5	8260B	SPLLAF	9912944-03
MW-7	6/6/2000	Xylenes, Total	1.00	ug/l	u	1	8021B	SPLLAF	0006308-03
MW-7	6/26/2001	Xylenes, Total	<1	ug/l	u		SW-846 8021		
MW-7	6/26/2001	Xylenes, Total	<1	ug/l	u		SW-846 8021		
MW-7	6/19/2002	Xylenes, Total	< 0.15	ug/l	u		SW-846 8021		
MW-7	6/19/2002	Xylenes, Total	< 0.15	ug/l	u		SW-846 8021		
MW-7	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-06
MW-7	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-09
MW-7	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-04
MW-7	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-03
MW-7	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-04
MW-7	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-04
MW-7	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-04
MW-7	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-09
MW-7	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-7	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-04
MW-7	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-04
MW-7	12/4/2007	Xylenes, Total	ND	ug/l	u		8260 B		07120184-04
MW-7	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-04
MW-7	12/2/2008	Xylenes, Total	<1	ug/l	u		8260 B		08120127-04
MW-7	6/23/2009	Xylenes, Total	< 1	ug/l	u		8021 B		09061301-04
MW-7	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-04
MW-7	8/10/2011	Xylenes, Total	< 3	ug/l	u		8021 B		L530497-03
MW-7	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-04
MW-7	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-04
MW-7	9/6/1989	Zinc	0.09	mg/l	v	0.002		Radian	
MW-7	3/6/1991	Zinc	0.05	mg/l	v			IEA	
MW-7D	12/14/1999	1,1,1-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	1,1,2,2,-Tetrachloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	1,1,2-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	1,1-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	11/16/1989	2-Chloronaphthalene	10.00	ug/l	u	10		Radian	
MW-7D	11/5/1992	2-Chloronaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7D	3/25/1993	2-Chloronaphthalene	100.00	ug/l	u	100		Envirotech	
MW-7D	10/29/1993	2-Chloronaphthalene	20.00	ug/l	u	20		Envirotech	
MW-7D	3/7/1994	2-Chloronaphthalene	40.00	ug/l	u	40		Envirotech	
MW-7D	6/21/1994	2-Chloronaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	2-Chloronaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7D	6/28/1995	2-Chloronaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7D	12/11/1995	2-Chloronaphthalene	3.20	ug/l	v	10		Envirotech	
MW-7D	6/18/1996	2-Chloronaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7D	12/10/1996	2-Chloronaphthalene	3.00	ug/l	jv	10		Envirotech	
MW-7D	6/18/1997	2-Chloronaphthalene	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	2-Chloronaphthalene	10.00	ug/l	u	10			
MW-7D	8/19/1998	2-Chloronaphthalene	10.00	ug/l	u	10			
MW-7D	12/10/1998	2-Chloronaphthalene	10.00	ug/l	u	10			
MW-7D	12/14/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-04
MW-7D	11/16/1989	2-Methylnaphthalene	10.00	ug/l	u	10		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	10/29/1993	2-Methylnaphthalene	2.60	ug/l	ju	20		Envirotech	
MW-7D	3/7/1994	2-Methylnaphthalene	3.00	ug/l	ju	40		Envirotech	
MW-7D	6/21/1994	2-Methylnaphthalene	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	2-Methylnaphthalene	3.40	ug/l	ju	10		Envirotech	
MW-7D	6/28/1995	2-Methylnaphthalene	4.10	ug/l	ju	10		Envirotech	
MW-7D	12/11/1995	2-Methylnaphthalene	5.30	ug/l	ju	10		Envirotech	
MW-7D	6/18/1996	2-Methylnaphthalene	2.70	ug/l	ju	10		Envirotech	
MW-7D	12/10/1996	2-Methylnaphthalene	4.00	ug/l	ju	10		Envirotech	
MW-7D	6/18/1997	2-Methylnaphthalene	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-7D	8/19/1998	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-7D	12/10/1998	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-7D	12/14/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-04
MW-7D	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-7D	4/6/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-7D	6/9/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-7D	3/25/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	10/29/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/21/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/28/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-7D	12/9/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-7D	8/19/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-7D	12/10/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-7D	12/14/1999	Acetone	100.00	ug/l	u	100	8260B	SPLLAF	9912944-04
MW-7D	11/16/1989	Anthracene	10.00	ug/l	u	10			
MW-7D	11/5/1992	Anthracene	7.00	ug/l	ju	10			
MW-7D	3/25/1993	Anthracene	100.00	ug/l	u	100			
MW-7D	10/29/1993	Anthracene	20.00	ug/l	u	20			
MW-7D	3/7/1994	Anthracene	40.00	ug/l	u	40			
MW-7D	6/21/1994	Anthracene	10.00	ug/l	u	10			
MW-7D	12/13/1994	Anthracene	10.00	ug/l	u	10			
MW-7D	6/28/1995	Anthracene	10.00	ug/l	u	10			
MW-7D	12/11/1995	Anthracene	10.00	ug/l	u	10			
MW-7D	6/18/1996	Anthracene	10.00	ug/l	u	10			
MW-7D	12/10/1996	Anthracene	10.00	ug/l	u	10			
MW-7D	6/18/1997	Anthracene	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Anthracene	10.00	ug/l	u	10			
MW-7D	8/19/1998	Anthracene	10.00	ug/l	u	10			
MW-7D	12/10/1998	Anthracene	10.00	ug/l	u	10			
MW-7D	6/18/1996	Arsenic	4.00	ug/l	u	4		Envirotech	
MW-7D	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	3/25/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/28/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-7D	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-7D	8/19/1998	Barium	0.263	mg/L	v	200		UHL	
MW-7D	12/10/1998	Barium	200.00	ug/l	u	200		UHL	
MW-7D	11/16/1989	Benzene	5.00	ug/l	u	5		Radian	
MW-7D	4/6/1992	Benzene	110.00	ug/l	v	5		IEA	
MW-7D	6/9/1992	Benzene	100.00	ug/l	v	5		IEA	
MW-7D	11/5/1992	Benzene	72.00	ug/l	v	5		Envirotech	
MW-7D	3/25/1993	Benzene	62.00	ug/l	v	5		Envirotech	
MW-7D	10/29/1993	Benzene	53.00	ug/l	v	5		Envirotech	
MW-7D	3/7/1994	Benzene	52.00	ug/l	v	5		Envirotech	
MW-7D	6/21/1994	Benzene	46.00	ug/l	v	5		Envirotech	
MW-7D	12/13/1994	Benzene	58.00	ug/l	v	5		Envirotech	
MW-7D	6/28/1995	Benzene	61.00	ug/l	v	5		Envirotech	
MW-7D	12/11/1995	Benzene	66.00	ug/l	v	5		Envirotech	
MW-7D	6/18/1996	Benzene	120.00	ug/l	v	5		Envirotech	
MW-7D	12/10/1996	Benzene	60.00	ug/l	v	5		Envirotech	
MW-7D	6/18/1997	Benzene	64.30	ug/l	v	5		UHL	
MW-7D	12/9/1997	Benzene	53.50	ug/l	v	5		UHL	
MW-7D	8/19/1998	Benzene	32.50	ug/l	v	5		UHL	
MW-7D	12/10/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-7D	6/10/1999	Benzene	8.93	ug/l	v	1		Pace	
MW-7D	12/14/1999	Benzene	4.00	ug/l	v	1	8260B	SPLLAF	9912944-04
MW-7D	6/6/2000	Benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-04
MW-7D	12/14/2000	Benzene	15.00	ppb			SW-846 8260		
MW-7D	6/25/2001	Benzene	<1	ug/l	u		SW-846 8021		
MW-7D	12/10/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-7D	6/19/2002	Benzene	5.13	ug/l			SW-846 8021		
MW-7D	12/13/2002	Benzene	9.00	ug/l			8260 B		02120518-01
MW-7D	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-01
MW-7D	12/2/2003	Benzene	2.00	ug/l			8260 B		03120155-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-01
MW-7D	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-01
MW-7D	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-01
MW-7D	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-01
MW-7D	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-7D	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-01
MW-7D	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-01
MW-7D	12/4/2007	Benzene	ND	ug/l	u		8260 B		07120184-01
MW-7D	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-01
MW-7D	12/2/2008	Benzene	<1	ug/l	u		8260 B		08120127-01
MW-7D	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-01
MW-7D	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-01
MW-7D	8/10/2011	Benzene	< 1 UJ	ug/l	UJ		8021 B		L530497-08
MW-7D	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-01
MW-7D	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-01
MW-7D	11/16/1989	Benzoic acid	10.00	ug/l	u	10		Radian	
MW-7D	12/9/1997	Benzoic acid	25.00	ug/l	u	25		UHL	
MW-7D	8/19/1998	Benzoic acid	25.00	ug/l	u	25		UHL	
MW-7D	12/10/1998	Benzoic acid	4.14	ug/l	jv	25		UHL	
MW-7D	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-7D	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7D	3/25/1993	bis(2-Ethylhexyl)phthalate	100.00	ug/l	u	100		Envirotech	
MW-7D	10/29/1993	bis(2-Ethylhexyl)phthalate	20.00	ug/l	u	20		Envirotech	
MW-7D	3/7/1994	bis(2-Ethylhexyl)phthalate	40.00	ug/l	u	40		Envirotech	
MW-7D	12/1/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7D	6/28/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7D	12/11/1995	bis(2-Ethylhexyl)phthalate	2.20	ug/l	jv	10		Envirotech	
MW-7D	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7D	12/10/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1997	bis(2-Ethylhexyl)phthalate	10.20	ug/l	u	10.20		UHL	
MW-7D	12/9/1997	bis(2-Ethylhexyl)phthalate	11.10	ug/l	v	10		UHL	
MW-7D	8/19/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-7D	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-7D	12/14/1999	Bromodichloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Bromomethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-04
MW-7D	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	3/25/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/28/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	8/19/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-7D	4/6/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-7D	6/9/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-7D	3/25/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-7D	10/29/1993	Carbon disulfide	1.70	ug/l	jv	5		Envirotech	
MW-7D	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-7D	6/21/1994	Carbon disulfide	4.20	ug/l	jv	10		Envirotech	
MW-7D	12/13/1994	Carbon disulfide	1.10	ug/l	jv	10		Envirotech	
MW-7D	6/28/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7D	12/11/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1996	Carbon disulfide	4.40	ug/l	jv	10		Envirotech	
MW-7D	12/10/1996	Carbon disulfide	28.00	ug/l	v	10		Envirotech	
MW-7D	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-7D	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-7D	8/19/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-7D	12/10/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-7D	12/14/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	6/18/1996	Chloride	26.90	mg/l	v	5		Envirotech	
MW-7D	12/14/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-04
MW-7D	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-7D	4/6/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-7D	6/9/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-7D	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	3/25/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	10/29/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	6/28/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-7D	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	8/19/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-7D	12/10/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-7D	12/14/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-04
MW-7D	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	3/25/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/28/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-7D	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-7D	8/19/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-7D	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-7D	12/14/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	cis-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	6/18/1996	Copper	25.00	ug/l	u	25		Envirotech	
MW-7D	11/16/1989	Dibenzofuran	10.00	ug/l	u	10		Radian	
MW-7D	10/29/1993	Dibenzofuran	3.10	ug/l	jv	20		Envirotech	
MW-7D	3/7/1994	Dibenzofuran	3.70	ug/l	jv	40		Envirotech	
MW-7D	6/21/1994	Dibenzofuran	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	Dibenzofuran	3.20	ug/l	jv	10		Envirotech	
MW-7D	6/28/1995	Dibenzofuran	4.20	ug/l	jv	10		Envirotech	
MW-7D	12/11/1995	Dibenzofuran	4.60	ug/l	jv	10		Envirotech	
MW-7D	6/18/1996	Dibenzofuran	3.30	ug/l	jv	10		Envirotech	
MW-7D	12/10/1996	Dibenzofuran	4.30	ug/l	jv	10		Envirotech	
MW-7D	6/18/1997	Dibenzofuran	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Dibenzofuran	10.00	ug/l	u	10			
MW-7D	8/19/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-7D	12/10/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-7D	12/14/1999	Dibromochloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	6/18/1996	Dissolved Arsenic	4.00	ug/l	u	4		Envirotech	
MW-7D	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	3/25/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/28/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-7D	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-7D	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-7D	8/19/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-7D	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-7D	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	3/25/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/28/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	8/19/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-7D	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	3/25/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/28/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-7D	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-7D	8/19/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-7D	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-7D	6/18/1996	Dissolved copper	25.00	ug/l	u	25		Envirotech	
MW-7D	11/5/1992	Dissolved Iron	4180.00	ug/l	v	100		Envirotech	
MW-7D	3/25/1993	Dissolved Iron	4090.00	ug/l	v	100		Envirotech	
MW-7D	10/29/1993	Dissolved Iron	4510.00	ug/l	v	100		Envirotech	
MW-7D	3/7/1994	Dissolved Iron	5160.00	ug/l	v	100		Envirotech	
MW-7D	6/21/1994	Dissolved Iron	4410.00	ug/l	v	100		Envirotech	
MW-7D	12/13/1994	Dissolved Iron	5060.00	ug/l	v	100		Envirotech	
MW-7D	6/28/1995	Dissolved Iron	3660.00	ug/l	v	100		Envirotech	
MW-7D	12/11/1995	Dissolved Iron	4700.00	ug/l	v	100		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	6/18/1996	Dissolved Iron	4030.00	ug/l	v	100		Envirotech	
MW-7D	12/10/1996	Dissolved Iron	5230.00	ug/l	v	100		Envirotech	
MW-7D	6/18/1997	Dissolved Iron	5570.00	ug/l	v	100		UHL	
MW-7D	12/9/1997	Dissolved Iron	2870.00	ug/l	v	100		UHL	
MW-7D	8/19/1998	Dissolved Iron	7310.00	ug/l	v	100		UHL	
MW-7D	12/10/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-7D	3/31/2011	Dissolved Iron	1.60	mg/l					L509030-02
MW-7D	3/31/2011	Dissolved Iron	1.60	mg/l					L509030-10
MW-7D	8/10/2011	Dissolved Iron	<0.100	mg/l	u		6020		L530497-08
MW-7D	10/8/2013	Dissolved Iron	1.4 J	mg/L	j				L662184-01
MW-7D	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	3/25/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	12/13/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/28/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-7D	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-7D	8/19/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-7D	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-7D	11/5/1992	Dissolved Manganese	1140.00	ug/l	v	15		Envirotech	
MW-7D	3/25/1993	Dissolved Manganese	1230.00	ug/l	v	15		Envirotech	
MW-7D	10/29/1993	Dissolved Manganese	1390.00	ug/l	v	15		Envirotech	
MW-7D	3/7/1994	Dissolved Manganese	1420.00	ug/l	v	15		Envirotech	
MW-7D	6/21/1994	Dissolved Manganese	1510.00	ug/l	v	15		Envirotech	
MW-7D	12/13/1994	Dissolved Manganese	1590.00	ug/l	v	15		Envirotech	
MW-7D	6/28/1995	Dissolved Manganese	1680.00	ug/l	v	15		Envirotech	
MW-7D	12/11/1995	Dissolved Manganese	1760.00	ug/l	v	15		Envirotech	
MW-7D	6/18/1996	Dissolved Manganese	2220.00	ug/l	v	15		Envirotech	
MW-7D	12/10/1996	Dissolved Manganese	1960.00	ug/l	v	15		Envirotech	
MW-7D	6/18/1997	Dissolved Manganese	2260.00	ug/l	v	15		UHL	
MW-7D	12/9/1997	Dissolved Manganese	961.00	ug/l	v	15		UHL	
MW-7D	8/19/1998	Dissolved Manganese	2290.00	ug/l	v	15		UHL	
MW-7D	12/10/1998	Dissolved Manganese	1750.00	ug/l	v	15		UHL	
MW-7D	3/31/2011	Dissolved Manganese	1.60	mg/l					L509030-02
MW-7D	3/31/2011	Dissolved Manganese	1.60	mg/l					L509030-10
MW-7D	8/10/2011	Dissolved Manganese	1.6 J	mg/l	j		6020		L530497-08
MW-7D	10/8/2013	Dissolved Manganese	1.3 J	mg/L	j				L662184-01
MW-7D	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	3/25/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	6/28/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7D	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7D	6/18/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-7D	12/9/1997	Dissolved Mercury	0.12	ug/l	v	0.10		UHL	
MW-7D	8/19/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-7D	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-7D	3/31/2011	Dissolved Organic Carbon	8.70	mg/l					L509030-10
MW-7D	3/31/2011	Dissolved Organic Carbon	8.90	mg/l					L509030-02
MW-7D	6/18/1996	Dissolved Selenium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1996	Dissolved Silver	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1996	Dissolved zinc	20.00	ug/l	u	20		Envirotech	
MW-7D	12/14/1999	Ethyl benzene	5.00	ug/l	u	5	8260 B	SPLLA F	9912944-04
MW-7D	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021 B	SPLLA F	0006308-04
MW-7D	6/25/2001	Ethyl benzene	<1	ug/l	u		SW-846 8021		
MW-7D	6/19/2002	Ethyl benzene	<.0933	ug/l	u		SW-846 8021		
MW-7D	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-01
MW-7D	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-01
MW-7D	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-04
MW-7D	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-01
MW-7D	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-01
MW-7D	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-01
MW-7D	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-01
MW-7D	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-7D	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-01
MW-7D	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-01
MW-7D	12/4/2007	Ethyl benzene	ND	ug/l	u		8260 B		07120184-01
MW-7D	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-01
MW-7D	12/2/2008	Ethyl benzene	<1	ug/l	u		8260 B		08120127-01
MW-7D	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-01
MW-7D	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-01
MW-7D	8/10/2011	Ethyl benzene	< 1 UJ	ug/l	UJ		8021 B		L530497-08
MW-7D	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-01
MW-7D	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-01
MW-7D	3/31/2011	Ferrous Fe	>1.0	mg/l					L509030-02
MW-7D	3/31/2011	Ferrous Fe	>1.0	mg/l					L509030-10
MW-7D	11/16/1989	Fluoranthene	10.00	ug/l	u	10			
MW-7D	11/5/1992	Fluoranthene	0.50	ug/l	ju	10			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	3/25/1993	Fluoranthene	100.00	ug/l	u	100			
MW-7D	10/29/1993	Fluoranthene	20.00	ug/l	u	20			
MW-7D	3/7/1994	Fluoranthene	40.00	ug/l	u	40			
MW-7D	6/21/1994	Fluoranthene	10.00	ug/l	u	10			
MW-7D	12/13/1994	Fluoranthene	10.00	ug/l	u	10			
MW-7D	6/28/1995	Fluoranthene	10.00	ug/l	u	10			
MW-7D	12/11/1995	Fluoranthene	10.00	ug/l	u	10			
MW-7D	6/18/1996	Fluoranthene	10.00	ug/l	u	10			
MW-7D	12/10/1996	Fluoranthene	10.00	ug/l	u	10			
MW-7D	6/18/1997	Fluoranthene	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Fluoranthene	10.00	ug/l	u	10			
MW-7D	8/19/1998	Fluoranthene	10.00	ug/l	u	10			
MW-7D	12/10/1998	Fluoranthene	10.00	ug/l	u	10			
MW-7D	11/16/1989	Fluorene	10.00	ug/l	u	10		Radian	
MW-7D	11/5/1992	Fluorene	2.00	ug/l	jv	10		Envirotech	
MW-7D	3/25/1993	Fluorene	100.00	ug/l	u	100		Envirotech	
MW-7D	10/29/1993	Fluorene	20.00	ug/l	u	20		Envirotech	
MW-7D	3/7/1994	Fluorene	40.00	ug/l	u	40		Envirotech	
MW-7D	6/21/1994	Fluorene	2.10	ug/l	jv	10		Envirotech	
MW-7D	12/13/1994	Fluorene	2.10	ug/l	jv	10		Envirotech	
MW-7D	6/28/1995	Fluorene	10.00	ug/l	u	10		Envirotech	
MW-7D	12/11/1995	Fluorene	2.60	ug/l	jv	10		Envirotech	
MW-7D	6/18/1996	Fluorene	1.90	ug/l	jv	10		Envirotech	
MW-7D	12/10/1996	Fluorene	2.70	ug/l	jv	10		Envirotech	
MW-7D	6/18/1997	Fluorene	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Fluorene	10.00	ug/l	u	10			
MW-7D	8/19/1998	Fluorene	10.00	ug/l	u	10			
MW-7D	12/10/1998	Fluorene	10.00	ug/l	u	10			
MW-7D	6/18/1996	Fluoride	0.10	mg/l	u	0.10		Envirotech	
MW-7D	11/5/1992	Iron	5500.00	ug/l	v	100		Envirotech	
MW-7D	3/25/1993	Iron	8660.00	ug/l	v	100		Envirotech	
MW-7D	10/29/1993	Iron	5700.00	ug/l	v	100		Envirotech	
MW-7D	3/7/1994	Iron	7590.00	ug/l	v	100		Envirotech	
MW-7D	6/21/1994	Iron	6350.00	ug/l	v	100		Envirotech	
MW-7D	12/13/1994	Iron	6380.00	ug/l	v	100		Envirotech	
MW-7D	6/28/1995	Iron	5650.00	ug/l	v	100		Envirotech	
MW-7D	12/11/1995	Iron	6280.00	ug/l	v	100		Envirotech	
MW-7D	6/18/1996	Iron	5410.00	ug/l	v	100		Envirotech	
MW-7D	12/10/1996	Iron	6530.00	ug/l	v	100		Envirotech	
MW-7D	6/18/1997	Iron	7180.00	ug/l	v	100		UHL	
MW-7D	12/9/1997	Iron	6410.00	ug/l	v	100		UHL	
MW-7D	8/19/1998	Iron	19500.00	ug/l	v	100		UHL	
MW-7D	12/10/1998	Iron	2220.00	ug/l	v	100		UHL	
MW-7D	3/31/2011	Iron	2.10	mg/l					L509030-02
MW-7D	3/31/2011	Iron	2.30	mg/l					L509030-10
MW-7D	8/10/2011	Iron	2.40	mg/l			6020		L530497-08
MW-7D	11/16/1989	Isophorone	10.00	ug/l	u	10			
MW-7D	11/5/1992	Isophorone	10.00	ug/l	u	10			
MW-7D	3/25/1993	Isophorone	100.00	ug/l	u	100			
MW-7D	10/29/1993	Isophorone	20.00	ug/l	u	20			
MW-7D	3/7/1994	Isophorone	40.00	ug/l	u	40			
MW-7D	6/21/1994	Isophorone	10.00	ug/l	u	10			
MW-7D	12/13/1994	Isophorone	0.30	ug/l	jv	10			
MW-7D	6/28/1995	Isophorone	10.00	ug/l	u	10			
MW-7D	12/11/1995	Isophorone	0.80	ug/l	jv	10			
MW-7D	6/18/1996	Isophorone	10.00	ug/l	u	10			
MW-7D	12/10/1996	Isophorone	10.00	ug/l	u	10			
MW-7D	6/18/1997	Isophorone	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Isophorone	10.00	ug/l	u	10			
MW-7D	8/19/1998	Isophorone	10.00	ug/l	u	10			
MW-7D	12/10/1998	Isophorone	10.00	ug/l	u	10			
MW-7D	11/16/1989	Laboratory conductivity	230.00	umhos/cm	v			Radian	
MW-7D	11/16/1989	Laboratory pH	5.50	s.u.	v			Radian	
MW-7D	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	3/25/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/28/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-7D	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-7D	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-7D	8/19/1998	Lead	3.00	ug/l	u	3		UHL	
MW-7D	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-7D	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5			
MW-7D	12/14/1999	m&p-Xylenes	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-01
MW-7D	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-01
MW-7D	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-04
MW-7D	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-01
MW-7D	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-01
MW-7D	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-01
MW-7D	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-01
MW-7D	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-01
MW-7D	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-01
MW-7D	12/4/2007	m&p-Xylenes	ND	ug/l	u		8260 B		07120184-01
MW-7D	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-01
MW-7D	12/2/2008	m&p-Xylenes	<1	ug/l	u		8260 B		08120127-01
MW-7D	6/23/2009	m&p-Xylenes	< 1	ug/l	u		8021 B		09061301-01
MW-7D	11/5/1992	Manganese	1090.00	ug/l	v	15		Envirotech	
MW-7D	3/25/1993	Manganese	1250.00	ug/l	v	15		Envirotech	
MW-7D	10/29/1993	Manganese	1360.00	ug/l	v	15		Envirotech	
MW-7D	3/7/1994	Manganese	1420.00	ug/l	v	15		Envirotech	
MW-7D	6/21/1994	Manganese	1410.00	ug/l	v	15		Envirotech	
MW-7D	12/13/1994	Manganese	1610.00	ug/l	v	15		Envirotech	
MW-7D	6/28/1995	Manganese	1650.00	ug/l	v	15		Envirotech	
MW-7D	12/11/1995	Manganese	1870.00	ug/l	v	15		Envirotech	
MW-7D	6/18/1996	Manganese	2230.00	ug/l	v	15		Envirotech	
MW-7D	12/10/1996	Manganese	2060.00	ug/l	v	15		Envirotech	
MW-7D	6/18/1997	Manganese	2460.00	ug/l	v	15		UHL	
MW-7D	12/9/1997	Manganese	2010.00	ug/l	v	15		UHL	
MW-7D	8/19/1998	Manganese	2500.00	ug/l	v	15		UHL	
MW-7D	12/10/1998	Manganese	2200.00	ug/l	v	15		UHL	
MW-7D	3/31/2011	Manganese	1.50	mg/l					L509030-02
MW-7D	3/31/2011	Manganese	1.60	mg/l					L509030-10
MW-7D	8/10/2011	Manganese	1.4 J	mg/l	j		6020		L530497-08
MW-7D	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	3/25/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	6/28/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-7D	12/11/1995	Mercury	0.43	ug/l	v	0.20		Envirotech	
MW-7D	6/18/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7D	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-7D	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-7D	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-7D	8/19/1998	Mercury	0.12	ug/l	v	0.10		UHL	
MW-7D	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-7D	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-7D	4/6/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-7D	6/9/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-7D	3/25/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	10/29/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/28/1995	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-7D	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-7D	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-7D	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-7D	8/19/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-7D	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-7D	12/14/1999	Methyl ethyl ketone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-04
MW-7D	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-01
MW-7D	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-7D	4/6/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-7D	6/9/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-7D	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	3/25/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	10/29/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	6/28/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-7D	12/9/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-7D	8/19/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-7D	12/10/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-7D	12/14/1999	Methylene chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	11/16/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-7D	11/5/1992	Naphthalene (SVOA)	9.00	ug/l	jv	10		Envirotech	
MW-7D	3/25/1993	Naphthalene (SVOA)	100.00	ug/l	u	100		Envirotech	
MW-7D	10/29/1993	Naphthalene (SVOA)	3.10	ug/l	jv	20		Envirotech	
MW-7D	3/7/1994	Naphthalene (SVOA)	5.80	ug/l	jv	40		Envirotech	
MW-7D	6/21/1994	Naphthalene (SVOA)	6.00	ug/l	jv	10		Envirotech	
MW-7D	12/13/1994	Naphthalene (SVOA)	6.80	ug/l	jv	10		Envirotech	
MW-7D	6/28/1995	Naphthalene (SVOA)	7.40	ug/l	jv	10		Envirotech	
MW-7D	12/11/1995	Naphthalene (SVOA)	9.40	ug/l	jv	10		Envirotech	
MW-7D	6/18/1996	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-7D	12/10/1996	Naphthalene (SVOA)	7.10	ug/l	jv	10		Envirotech	
MW-7D	6/18/1997	Naphthalene (SVOA)	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-7D	8/19/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	12/10/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-7D	6/18/1996	Nitrate	0.10	mg/l	u	0.10		Envirotech	
MW-7D	3/31/2011	Nitrate	<0.1	mg/l	u				L509030-02
MW-7D	3/31/2011	Nitrite	<0.1	mg/l	u				L509030-02
MW-7D	6/10/1999	o-Xylene	5.00	ug/l	u	5			
MW-7D	12/14/1999	o-Xylene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-01
MW-7D	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-01
MW-7D	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-04
MW-7D	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-01
MW-7D	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-01
MW-7D	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-01
MW-7D	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-01
MW-7D	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-7D	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-01
MW-7D	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-01
MW-7D	12/4/2007	o-Xylene	ND	ug/l	u		8260 B		07120184-01
MW-7D	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-01
MW-7D	12/2/2008	o-Xylene	<1	ug/l	u		8260 B		08120127-01
MW-7D	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-01
MW-7D	11/16/1989	Pentachlorophenol	10.00	ug/l	u	10			
MW-7D	11/5/1992	Pentachlorophenol	5.00	ug/l	jv	50			
MW-7D	3/25/1993	Pentachlorophenol	500.00	ug/l	u	500			
MW-7D	10/29/1993	Pentachlorophenol	40.00	ug/l	u	40			
MW-7D	3/7/1994	Pentachlorophenol	81.00	ug/l	u	81			
MW-7D	6/21/1994	Pentachlorophenol	20.00	ug/l	u	20			
MW-7D	12/13/1994	Pentachlorophenol	3.00	ug/l	jv	20			
MW-7D	6/28/1995	Pentachlorophenol	20.00	ug/l	u	20			
MW-7D	12/11/1995	Pentachlorophenol	4.20	ug/l	jv	20			
MW-7D	6/18/1996	Pentachlorophenol	20.00	ug/l	u	20			
MW-7D	12/10/1996	Pentachlorophenol	20.00	ug/l	u	20			
MW-7D	6/18/1997	Pentachlorophenol	20.40	ug/l	u	20.40			
MW-7D	12/9/1997	Pentachlorophenol	20.00	ug/l	u	20			
MW-7D	8/19/1998	Pentachlorophenol	20.00	ug/l	u	20			
MW-7D	12/10/1998	Pentachlorophenol	20.00	ug/l	u	20			
MW-7D	3/31/2011	pH	6.50	s. u.					L509030-02
MW-7D	3/31/2011	pH	6.60	s. u.					L509030-10
MW-7D	11/16/1989	Phenanthrene	10.00	ug/l	u	10		Radian	
MW-7D	11/5/1992	Phenanthrene	7.00	ug/l	jv	10			
MW-7D	3/25/1993	Phenanthrene	100.00	ug/l	u	100		Envirotech	
MW-7D	10/29/1993	Phenanthrene	5.50	ug/l	jv	20		Envirotech	
MW-7D	3/7/1994	Phenanthrene	6.00	ug/l	jv	40		Envirotech	
MW-7D	6/21/1994	Phenanthrene	4.50	ug/l	jv	10		Envirotech	
MW-7D	12/13/1994	Phenanthrene	5.10	ug/l	jv	10		Envirotech	
MW-7D	6/28/1995	Phenanthrene	5.40	ug/l	jv	10		Envirotech	
MW-7D	12/11/1995	Phenanthrene	7.30	ug/l	jv	10		Envirotech	
MW-7D	6/18/1996	Phenanthrene	3.80	ug/l	jv	10		Envirotech	
MW-7D	12/10/1996	Phenanthrene	7.10	ug/l	jv	10		Envirotech	
MW-7D	6/18/1997	Phenanthrene	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Phenanthrene	10.00	ug/l	u	10			
MW-7D	8/19/1998	Phenanthrene	10.00	ug/l	u	10			
MW-7D	12/10/1998	Phenanthrene	10.00	ug/l	u	10			
MW-7D	11/16/1989	Phenol	10.00	ug/l	u	10			
MW-7D	11/5/1992	Phenol	10.00	ug/l	u	10			
MW-7D	3/25/1993	Phenol	100.00	ug/l	u	100			
MW-7D	10/29/1993	Phenol	2.50	ug/l	jv	20			
MW-7D	3/7/1994	Phenol	40.00	ug/l	u	40			
MW-7D	6/21/1994	Phenol	10.00	ug/l	u	10			
MW-7D	12/13/1994	Phenol	10.00	ug/l	u	10			
MW-7D	6/28/1995	Phenol	10.00	ug/l	u	10			
MW-7D	12/11/1995	Phenol	0.70	ug/l	jv	10			
MW-7D	6/18/1996	Phenol	2.80	ug/l	jv	10			
MW-7D	12/10/1996	Phenol	10.00	ug/l	u	10			
MW-7D	6/18/1997	Phenol	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Phenol	10.00	ug/l	u	10			
MW-7D	8/19/1998	Phenol	10.00	ug/l	u	10			
MW-7D	12/10/1998	Phenol	10.00	ug/l	u	10			
MW-7D	11/16/1989	Pyrene	10.00	ug/l	u	10			
MW-7D	11/5/1992	Pyrene	0.50	ug/l	jv	10			
MW-7D	3/25/1993	Pyrene	100.00	ug/l	u	100			
MW-7D	10/29/1993	Pyrene	20.00	ug/l	u	20			
MW-7D	3/7/1994	Pyrene	40.00	ug/l	u	40			
MW-7D	6/21/1994	Pyrene	10.00	ug/l	u	10			
MW-7D	12/13/1994	Pyrene	10.00	ug/l	u	10			
MW-7D	6/28/1995	Pyrene	10.00	ug/l	u	10			
MW-7D	12/11/1995	Pyrene	10.00	ug/l	u	10			
MW-7D	6/18/1996	Pyrene	10.00	ug/l	u	10			
MW-7D	12/10/1996	Pyrene	10.00	ug/l	u	10			
MW-7D	6/18/1997	Pyrene	10.20	ug/l	u	10.20			
MW-7D	12/9/1997	Pyrene	10.00	ug/l	u	10			
MW-7D	8/19/1998	Pyrene	10.00	ug/l	u	10			
MW-7D	12/10/1998	Pyrene	10.00	ug/l	u	10			
MW-7D	6/18/1996	Selenium	5.00	ug/l	u	5		Envirotech	
MW-7D	6/18/1996	Silver	10.00	ug/l	u	10		Envirotech	
MW-7D	12/14/1999	Styrene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	6/18/1996	Sulfate	50.20	mg/l	v	1		Envirotech	
MW-7D	3/31/2011	Sulfate	12.00	mg/l					L509030-02

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Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-7D	3/31/2011	Sulfide	<0.05	mg/l	u				L509030-02
MW-7D	12/14/1999	Tetrachloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Toluene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	6/6/2000	Toluene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-04
MW-7D	6/25/2001	Toluene	<1	ug/l	u		SW-846 8021		
MW-7D	6/19/2002	Toluene	<0.05	ug/l	u		SW-846 8021		
MW-7D	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-01
MW-7D	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-01
MW-7D	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-04
MW-7D	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-01
MW-7D	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-01
MW-7D	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-01
MW-7D	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-01
MW-7D	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-7D	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-01
MW-7D	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-01
MW-7D	12/4/2007	Toluene	ND	ug/l	u		8260 B		07120184-01
MW-7D	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-01
MW-7D	12/2/2008	Toluene	<1	ug/l	u		8260 B		08120127-01
MW-7D	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-01
MW-7D	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-01
MW-7D	8/10/2011	Toluene	< 5 UJ	ug/l	UJ		8021 B		L530497-08
MW-7D	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-01
MW-7D	10/8/2013	Toluene	<5.0	ug/L	u	5			L662184-01
MW-7D	6/18/1996	Total dissolved solids	221.00	mg/l	v	10		Envirotech	
MW-7D	10/8/2013	Total Iron	2.3	mg/L					L662184-01
MW-7D	10/8/2013	Total Manganese	1.4 J	mg/L	j				L662184-01
MW-7D	11/16/1989	Total organic carbon	18.00	mg/l	v			Radian	
MW-7D	3/31/2011	Total Organic Carbon	10.00	mg/l					L509030-02
MW-7D	3/31/2011	Total Organic Carbon	10.00	mg/l					L509030-10
MW-7D	11/16/1989	Total organic halides	0.12	mg/l	v	0.01		Radian	
MW-7D	3/31/2011	Total Suspended Solids	12.00	mg/l					L509030-02
MW-7D	3/31/2011	Total Suspended Solids	42.00	mg/l					L509030-10
MW-7D	12/14/1999	trans-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	trans-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Trichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Trichlorofluoromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Vinyl acetate	10.00	ug/l	u	10	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Vinyl chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	12/14/1999	Xylenes, Total	5.00	ug/l	u	5	8260B	SPLLAF	9912944-04
MW-7D	6/6/2000	Xylenes, Total	1.00	ug/l	u	1	8021B	SPLLAF	0006308-04
MW-7D	6/25/2001	Xylenes, Total	<1	ug/l	u		SW-846 8021		
MW-7D	6/19/2002	Xylenes, Total	<0.15	ug/l	u		SW-846 8021		
MW-7D	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-01
MW-7D	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-01
MW-7D	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-04
MW-7D	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-01
MW-7D	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-01
MW-7D	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-01
MW-7D	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-01
MW-7D	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-7D	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-01
MW-7D	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-01
MW-7D	12/4/2007	Xylenes, Total	ND	ug/l	u		8260 B		07120184-01
MW-7D	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-01
MW-7D	12/2/2008	Xylenes, Total	<1	ug/l	u		8260 B		08120127-01
MW-7D	6/23/2009	Xylenes, Total	< 1	ug/l	u		8021 B		09061301-01
MW-7D	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-01
MW-7D	8/10/2011	Xylenes, Total	< 3 UJ	ug/l	UJ		8021 B		L530497-08
MW-7D	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-01
MW-7D	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-01
MW-7D	6/18/1996	Zinc	20.00	ug/l	u	20		Envirotech	
MW-8	12/15/1999	1,1,1-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,1,1-Trichloroethane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,1,1-Trichloroethane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	1,1,1-Trichloroethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,1,1-Trichloroethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	1,1,2,2,-Tetrachloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		04120075-09

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/13/2005	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,1,2,2,-Tetrachloroethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,1,2,2,-Tetrachloroethane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,1,2,2,-Tetrachloroethane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	1,1,2,2,-Tetrachloroethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,1,2,2,-Tetrachloroethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,1,2,2,-Tetrachloroethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,1,2,2,-Tetrachloroethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,1,2,2,-Tetrachloroethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	1,1,2-Trichloroethane	5.00	ug/l	u	5	8260 B	SPLAF	9912941-03
MW-8	12/13/2002	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,1,2-Trichloroethane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,1,2-Trichloroethane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	1,1,2-Trichloroethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,1,2-Trichloroethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260 B	SPLAF	9912941-03
MW-8	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	1,1-Dichloroethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,1-Dichloroethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,1-Dichloroethane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,1-Dichloroethane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	1,1-Dichloroethene	5.00	ug/l	u	5	8260 B	SPLAF	9912941-03
MW-8	12/13/2002	1,1-Dichloroethene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	1,1-Dichloroethene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	1,1-Dichloroethene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	1,1-Dichloroethene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	1,1-Dichloroethene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	1,1-Dichloroethene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	1,1-Dichloroethene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	1,1-Dichloroethene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	1,1-Dichloroethene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	1,1-Dichloroethene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,1-Dichloroethene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,1-Dichloroethene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,1-Dichloroethene	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	1,1-Dichloroethene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,1-Dichloroethene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,1-Dichloroethene	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	1,2,3-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,2,3-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	1,2,4-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,2,4-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	1,2-Dibromo-3-Chloropropane	<5 UJ	ug/l	UJ		8260 B		L434468-05
MW-8	12/1/2009	1,2-Dibromo-3-Chloropropane	<5 UJ	ug/l	UJ		8260 B		L434468-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	10/9/2012	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L662184-05
MW-8	12/1/2009	1,2-Dibromoethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,2-Dibromoethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,2-Dibromoethane	<1.0	ug/l	u	1			L662184-05
MW-8	12/1/2009	1,2-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,2-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	1,2-Dichloroethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	1,2-Dichloroethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	1,2-Dichloroethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	1,2-Dichloroethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	1,2-Dichloroethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	1,2-Dichloroethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	1,2-Dichloroethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	1,2-Dichloroethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	1,2-Dichloroethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	1,2-Dichloroethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,2-Dichloroethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,2-Dichloroethane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,2-Dichloroethane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	1,2-Dichloroethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,2-Dichloroethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,2-Dichloroethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	1,2-Dichloroethene (total)	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	1,2-Dichloroethene (total)	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	1,2-Dichloroethene (total)	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	1,2-Dichloroethene (total)	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,2-Dichloroethene (total)	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,2-Dichloroethene (total)	<5	ug/l	u		8260 B		08120127-06
MW-8	12/15/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/4/2007	1,2-Dichloropropane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	1,2-Dichloropropane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	1,2-Dichloropropane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	1,2-Dichloropropane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	1,2-Dichloropropane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,2-Dichloropropane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,2-Dichloropropane	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	1,3-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,3-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	1,4-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	1,4-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L662184-05
MW-8	12/13/2002	2-Butanone	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	2-Butanone	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	2-Butanone	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	2-Butanone	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	2-Butanone	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	2-Butanone	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	2-Butanone	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	2-Butanone	ND UJ	ug/l	UJ		8260 B		06121018-05
MW-8	12/19/2006	2-Butanone	ND UJ	ug/l	UJ		8260 B		06121018-06
MW-8	12/4/2007	2-Butanone	ND J	ug/l	j		8260 B		07120184-05
MW-8	12/4/2007	2-Butanone	ND J	ug/l	j		8260 B		07120184-06
MW-8	12/2/2008	2-Butanone	<20	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	2-Butanone	<20	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	2-Butanone (MEK)	<10 R	ug/l	R		8260 B		L434468-05
MW-8	12/1/2009	2-Butanone (MEK)	<10 R	ug/l	R		8260 B		L434468-06
MW-8	10/9/2012	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	2-Butanone (MEK)	<10.0	ug/L	u	10			L662184-05
MW-8	12/15/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	2-Hexanone	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	2-Hexanone	ND	ug/l	u		8260 B		03120155-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/2/2003	2-Hexanone	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	2-Hexanone	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	2-Hexanone	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	2-Hexanone	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	2-Hexanone	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	2-Hexanone	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	2-Hexanone	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	2-Hexanone	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	2-Hexanone	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	2-Hexanone	<10	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	2-Hexanone	<10	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	2-Hexanone	<10	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	2-Hexanone	<10	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	2-Hexanone	<10.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	2-Hexanone	<10.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	2-Hexanone	<10.0	ug/L	u	10			L662184-05
MW-8	6/18/1997	2-Methylnaphthalene	10.40	ug/l	u	10.40			
MW-8	12/15/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	4-Methyl-2-pentanone	<10 J	ug/l	j		8260 B		08120127-05
MW-8	12/2/2008	4-Methyl-2-pentanone	<10 J	ug/l	j		8260 B		08120127-06
MW-8	12/1/2009	4-Methyl-2-pentanone	<10	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	4-Methyl-2-pentanone	<10	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L662184-05
MW-8	9/6/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-8	10/2/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-8	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-8	12/12/1989	Acetone	33.00	ug/l	bv	10		Radian	
MW-8	3/13/1990	Acetone	7.40	ug/l	jvb	10		Radian	
MW-8	6/12/1990	Acetone	21.00	ug/l	v	10		Radian	
MW-8	9/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-8	12/5/1990	Acetone	100.00	ug/l	u	100		IEA	
MW-8	3/6/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-8	6/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-8	9/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-8	1/20/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-8	3/26/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-8	10/29/1993	Acetone	7.30	ug/l	jv	10		Envirotech	
MW-8	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-8	6/21/1994	Acetone	6.20	ug/l	jv	10		Envirotech	
MW-8	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-8	6/29/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-8	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-8	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-8	12/9/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-8	8/18/1998	Acetone	10.00	ug/l	u	10			
MW-8	12/10/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-8	12/15/1999	Acetone	100.00	ug/l	u	100	8260 B	SPLLAF	9912941-03
MW-8	12/13/2002	Acetone	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Acetone	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Acetone	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Acetone	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Acetone	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Acetone	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Acetone	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Acetone	ND R	ug/l	u R		8260 B		06121018-05
MW-8	12/19/2006	Acetone	ND R	ug/l	u R		8260 B		06121018-06
MW-8	12/4/2007	Acetone	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Acetone	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Acetone	<100 R	ug/l	R		8260 B		08120127-05
MW-8	12/2/2008	Acetone	<100 R	ug/l	R		8260 B		08120127-06
MW-8	12/1/2009	Acetone	<50	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Acetone	<50	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Acetone	<50.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Acetone	<50.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Acetone	<50.0	ug/L	u	50			L662184-05
MW-8	9/6/1989	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-8	12/12/1989	Arsenic	0.0045	mg/l	v	0.002		Radian	
MW-8	3/13/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-8	6/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-8	9/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-8	12/5/1990	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-8	3/6/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	6/5/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-8	9/6/1989	Barium	0.028	mg/l	v	0.002		Radian	
MW-8	12/12/1989	Barium	0.048	mg/l	v	0.01		Radian	
MW-8	3/13/1990	Barium	0.025	mg/l	v	0.01		Radian	
MW-8	6/12/1990	Barium	0.110	mg/l	v	0.002		Radian	
MW-8	9/12/1990	Barium	0.031	mg/l	v	0.002		Radian	
MW-8	12/5/1990	Barium	0.10	mg/l	u	0.10		IEA	
MW-8	3/6/1991	Barium	0.10	mg/l	u	0.10		IEA	
MW-8	6/5/1991	Barium	0.10	mg/l	u	0.10		IEA	
MW-8	1/20/1992	Barium	0.10	mg/l	u	0.10		IEA	
MW-8	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	3/26/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/29/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-8	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-8	8/18/1998	Barium	200.00	ug/l	u	200			
MW-8	12/10/1998	Barium	200.00	ug/l	u	200			
MW-8	12/15/1999	Barium	0.034	mg/l	v	0.01	6010B	SPLLAF	9912941-03
MW-8	12/14/2000	Barium	0.014	ppm			SW-846 6010		
MW-8	12/14/2000	Barium	0.014	ppm			SW-846 6010		
MW-8	12/10/2001	Barium	0.027	mg/l			SW-846 6010		
MW-8	12/13/2002	Barium	0.022	mg/l			6010 B		02120518-07
MW-8	12/2/2003	Barium	0.0337 U	mg/l	u		6010 B		03120155-09
MW-8	12/2/2003	Barium	0.0377 U	mg/l	u		6010 B		03120155-05
MW-8	12/1/2004	Barium	0.025	mg/l			6010 B		04120075-09
MW-8	12/1/2004	Barium	0.146	mg/l			6010 B		04120075-05
MW-8	12/13/2005	Barium	0.0623 J	mg/l	j		6010 B		05120626-04
MW-8	12/13/2005	Barium	0.0739 J	mg/l	j		6010 B		05120626-05
MW-8	12/19/2006	Barium	0.0271 J	mg/l	j		6010 B		06121018-06
MW-8	12/19/2006	Barium	0.0279 J	mg/l	j		6010 B		06121018-05
MW-8	12/4/2007	Barium	0.0256 J	mg/l	j		6020 A		07120184-06
MW-8	12/4/2007	Barium	0.0259 J	mg/l	j		6020 A		07120184-05
MW-8	12/2/2008	Barium	0.0359 J	mg/l	j		6020 A		08120127-05
MW-8	12/2/2008	Barium	0.0402 J	mg/l	j		6020 A		08120127-06
MW-8	12/1/2009	Barium	0.023	mg/l			6010 B/6020 B		L434468-05
MW-8	12/1/2009	Barium	0.024	mg/l			6010 B/6020 B		L434468-06
MW-8	10/9/2012	Barium	0.034 J	mg/l	j		6010 B/6020 B		L600034-06
MW-8	10/9/2012	Barium	0.099 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	9/6/1989	Benzene	19.00	ug/l	v	5		Radian	
MW-8	10/2/1989	Benzene	15.00	ug/l	v	5		Radian	
MW-8	11/16/1989	Benzene	17.00	ug/l	v			Radian	
MW-8	12/12/1989	Benzene	18.00	ug/l	v	4.40		Radian	
MW-8	3/13/1990	Benzene	12.00	ug/l	v	4.40		Radian	
MW-8	6/12/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-8	9/12/1990	Benzene	5.20	ug/l	v	4.400		Radian	
MW-8	12/5/1990	Benzene	5.00	ug/l	v	5		IEA	
MW-8	3/6/1991	Benzene	7.00	ug/l	v	5		IEA	
MW-8	6/5/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-8	9/5/1991	Benzene	7.00	ug/l	v	5		IEA	
MW-8	1/20/1992	Benzene	5.00	ug/l	v	5		IEA	
MW-8	11/5/1992	Benzene	3.00	ug/l	jv	5		Envirotech	
MW-8	3/26/1993	Benzene	4.00	ug/l	jv	5		Envirotech	
MW-8	10/29/1993	Benzene	3.30	ug/l	jv	5		Envirotech	
MW-8	3/7/1994	Benzene	4.30	ug/l	v	5		Envirotech	
MW-8	6/21/1994	Benzene	2.60	ug/l	jv	5		Envirotech	
MW-8	12/13/1994	Benzene	1.90	ug/l	jv	5		Envirotech	
MW-8	6/29/1995	Benzene	1.60	ug/l	jv	5		Envirotech	
MW-8	12/11/1995	Benzene	0.70	ug/l	jv	5		Envirotech	
MW-8	6/18/1996	Benzene	2.40	ug/l	jv	5		Envirotech	
MW-8	12/10/1996	Benzene	0.90	ug/l	jv	5		Envirotech	
MW-8	6/18/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-8	12/9/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-8	8/18/1998	Benzene	5.00	ug/l	u	5			
MW-8	12/10/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-8	6/10/1999	Benzene	1.00	ug/l	u	1		Pace	
MW-8	12/15/1999	Benzene	1.00	ug/l	u	1	8260B	SPLLAF	9912941-03
MW-8	6/6/2000	Benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-05
MW-8	12/14/2000	Benzene	<1	ppb	u		SW-846 8260		
MW-8	12/14/2000	Benzene	<1	ppb	u		SW-846 8260		
MW-8	6/25/2001	Benzene	<1	ug/l	u		SW-846 8021		
MW-8	12/10/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-8	6/19/2002	Benzene	0.151 j	ug/l	j		SW-846 8021		
MW-8	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-07
MW-8	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-05
MW-8	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-09
MW-8	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-09
MW-8	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-06
MW-8	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-09
MW-8	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-09
MW-8	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-05
MW-8	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-09
MW-8	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-05
MW-8	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-8	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-8	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-06
MW-8	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-07
MW-8	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-09
MW-8	12/4/2007	Benzene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Benzene	ND	ug/l	u		8260 B		07120184-06
MW-8	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-05
MW-8	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-08
MW-8	12/2/2008	Benzene	<1	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Benzene	<1	ug/l	u		8260 B		08120127-06
MW-8	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-07
MW-8	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-09
MW-8	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-06
MW-8	8/10/2011	Benzene	< 1	ug/l	u		8021 B		L530497-04
MW-8	8/10/2011	Benzene	< 1	ug/l	u		8021 B		L530497-06
MW-8	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-05
MW-8	10/2/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-8	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-8	3/6/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u*	10		IEA	
MW-8	9/5/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-8	1/20/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-8	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-8	3/26/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-8	10/29/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-8	3/7/1994	bis(2-Ethylhexyl)phthalate	11.00	ug/l	u	11		Envirotech	
MW-8	6/21/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	bis(2-Ethylhexyl)phthalate	18.00	ug/l	v	10		Envirotech	
MW-8	6/29/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-8	12/11/1995	bis(2-Ethylhexyl)phthalate	2.30	ug/l	jv	10		Envirotech	
MW-8	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-8	12/10/1996	bis(2-Ethylhexyl)phthalate	1.50	ug/l	jv	10		Envirotech	
MW-8	6/18/1997	bis(2-Ethylhexyl)phthalate	10.40	ug/l	u	10.40		UHL	
MW-8	12/9/1997	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-8	8/18/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-8	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-8	6/10/1999	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-8	12/1/2009	Bromochloromethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Bromochloromethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Bromochloromethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Bromochloromethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Bromochloromethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Bromodichloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Bromodichloromethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Bromodichloromethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Bromodichloromethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Bromodichloromethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Bromodichloromethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Bromodichloromethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Bromodichloromethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Bromodichloromethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Bromodichloromethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Bromodichloromethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Bromodichloromethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Bromodichloromethane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Bromodichloromethane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Bromodichloromethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Bromodichloromethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Bromodichloromethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Bromodichloromethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Bromodichloromethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Bromoform	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Bromoform	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Bromoform	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Bromoform	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Bromoform	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Bromoform	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Bromoform	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Bromoform	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Bromoform	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Bromoform	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Bromoform	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Bromoform	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Bromoform	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Bromoform	<1 UJ	ug/l	UJ		8260 B		L434468-05
MW-8	12/1/2009	Bromoform	<1 UJ	ug/l	UJ		8260 B		L434468-06
MW-8	10/9/2012	Bromoform	<1.0	ug/l	u		8260 B		L600034-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	10/9/2012	Bromoform	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Bromoform	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Bromomethane	10.00	ug/l	u	10	8260B	SPLLA	9912941-03
MW-8	12/13/2002	Bromomethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Bromomethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Bromomethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Bromomethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Bromomethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Bromomethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Bromomethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Bromomethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Bromomethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Bromomethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Bromomethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Bromomethane	<10	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Bromomethane	<10	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Bromomethane	<5	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Bromomethane	<5	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Bromomethane	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Bromomethane	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Bromomethane	<5.0	ug/L	u	5			L662184-05
MW-8	9/6/1989	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-8	12/12/1989	Cadmium	0.006	mg/l	v	0.005		Radian	
MW-8	3/13/1990	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-8	6/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-8	9/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-8	12/5/1990	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-8	3/6/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-8	6/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-8	9/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-8	1/20/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-8	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	3/26/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/29/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-8	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-8	8/18/1998	Cadmium	5.00	ug/l	u	5			
MW-8	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-8	6/10/1999	Cadmium	5.00	ug/l	u	5		Pace	
MW-8	12/15/1999	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-03
MW-8	6/6/2000	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-05
MW-8	12/14/2000	Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-8	12/14/2000	Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-8	6/25/2001	Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-8	12/10/2001	Cadmium	<0.005	mg/l	u		SW-846 6010		
MW-8	6/19/2002	Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-8	12/13/2002	Cadmium	ND	mg/l	u		6010 B		02120518-07
MW-8	6/18/2003	Cadmium	ND	mg/l	u		6010 B		03060775-05
MW-8	6/18/2003	Cadmium	ND	mg/l	u		6010 B		03060775-09
MW-8	12/2/2003	Cadmium	ND	mg/l	u		6010 B		03120155-05
MW-8	12/2/2003	Cadmium	ND	mg/l	u		6010 B		03120155-09
MW-8	6/8/2004	Cadmium	ND	mg/l	u		6010 B		04060338-06
MW-8	6/8/2004	Cadmium	ND	mg/l	u		6010 B		04060338-09
MW-8	12/1/2004	Cadmium	ND	mg/l	u		6010 B		04120075-05
MW-8	12/1/2004	Cadmium	ND	mg/l	u		6010 B		04120075-09
MW-8	6/14/2005	Cadmium	ND	mg/l	u		6010 B		05060699-05
MW-8	6/14/2005	Cadmium	ND	mg/l	u		6010 B		05060699-09
MW-8	12/13/2005	Cadmium	ND	mg/l	u		6010 B		05120626-04
MW-8	12/13/2005	Cadmium	ND	mg/l	u		6010 B		05120626-05
MW-8	6/27/2006	Cadmium	ND	mg/l	u		6010 B		
MW-8	6/27/2006	Cadmium	ND	mg/l	u		6010 B		
MW-8	12/19/2006	Cadmium	ND	mg/l	u		6010 B		06121018-05
MW-8	12/19/2006	Cadmium	ND	mg/l	u		6010 B		06121018-06
MW-8	6/12/2007	Cadmium	ND	mg/l	u		6010 B		07060670-07
MW-8	6/12/2007	Cadmium	ND	mg/l	u		6010 B		07060670-09
MW-8	12/4/2007	Cadmium	0.000199 UJ	mg/l	UJ		6020 A		07120184-05
MW-8	12/4/2007	Cadmium	0.000199 UJ	mg/l	UJ		6020 A		07120184-06
MW-8	6/3/2008	Cadmium	ND U	mg/l	u		6020		08060177-05
MW-8	6/3/2008	Cadmium	ND U	mg/l	u		6020		08060177-08
MW-8	12/2/2008	Cadmium	<0.0045 UJ	mg/l	UJ		6020 A		08120127-05
MW-8	12/2/2008	Cadmium	<0.0045 UJ	mg/l	UJ		6020 A		08120127-06
MW-8	6/23/2009	Cadmium	<0.0026	mg/l	u		6020		09061301-07
MW-8	6/23/2009	Cadmium	<0.0026	mg/l	u		6020		09061301-09
MW-8	12/1/2009	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-05
MW-8	12/1/2009	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-06
MW-8	8/10/2011	Cadmium	0.00051 J	mg/l	j		6020		L530497-06
MW-8	8/10/2011	Cadmium	0.0006 J	mg/l	j		6020		L530497-04
MW-8	10/9/2012	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L600034-06
MW-8	10/9/2012	Cadmium	0.0005 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	6/29/1995	Carbazole	10.00	ug/l	u	10			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/11/1995	Carbazole	0.20	ug/l	jv	10			
MW-8	6/18/1997	Carbazole	10.40	ug/l	u	10.40			
MW-8	12/9/1997	Carbazole	10.00	ug/l	u	10			
MW-8	8/18/1998	Carbazole	10.00	ug/l	u	10			
MW-8	12/10/1998	Carbazole	10.00	ug/l	u	10			
MW-8	9/6/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-8	10/2/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-8	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-8	12/12/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-8	3/13/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-8	6/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-8	9/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-8	12/5/1990	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-8	3/6/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-8	6/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-8	9/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-8	1/20/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-8	3/26/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-8	10/29/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-8	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-8	6/21/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-8	6/29/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-8	12/11/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-8	12/10/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-8	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-8	8/18/1998	Carbon disulfide	10.00	ug/l	u	10			
MW-8	12/10/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-8	12/15/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Carbon disulfide	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Carbon disulfide	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Carbon disulfide	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Carbon disulfide	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Carbon disulfide	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Carbon disulfide	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Carbon disulfide	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Carbon disulfide	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Carbon disulfide	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Carbon disulfide	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Carbon disulfide	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Carbon disulfide	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Carbon disulfide	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Carbon disulfide	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Carbon disulfide	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Carbon disulfide	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Carbon disulfide	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Carbon disulfide	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Carbon tetrachloride	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Carbon tetrachloride	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Carbon tetrachloride	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Carbon tetrachloride	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Carbon tetrachloride	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Carbon tetrachloride	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Carbon tetrachloride	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Carbon tetrachloride	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Carbon tetrachloride	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Carbon tetrachloride	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Carbon tetrachloride	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Carbon tetrachloride	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Carbon tetrachloride	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Carbon tetrachloride	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Carbon tetrachloride	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Carbon tetrachloride	<1.0	ug/L	u	1			L662184-05
MW-8	9/6/1989	Chloride	84.00	mg/l	v				
MW-8	12/12/1989	Chloride	57.00	mg/l	v	0.10		Radian	
MW-8	3/13/1990	Chloride	67.00	mg/l	v	0.10		Radian	
MW-8	6/12/1990	Chloride	62.00	mg/l	v	0.20		Radian	
MW-8	9/12/1990	Chloride	64.00	mg/l	v	0.10		Radian	
MW-8	12/5/1990	Chloride	74.00	mg/l	v			IEA	
MW-8	3/6/1991	Chloride	65.00	mg/l	v				
MW-8	6/5/1991	Chloride	69.00	mg/l	v			IEA	
MW-8	12/15/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Chlorobenzene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Chlorobenzene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Chlorobenzene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Chlorobenzene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Chlorobenzene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Chlorobenzene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Chlorobenzene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Chlorobenzene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Chlorobenzene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Chlorobenzene	ND	ug/l	u		8260 B		07120184-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/4/2007	Chlorobenzene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Chlorobenzene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Chlorobenzene	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Chlorobenzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Chlorobenzene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Chlorobenzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Chlorobenzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Chlorobenzene	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	Chlorodibromomethane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Chlorodibromomethane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Chlorodibromomethane	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Chloroethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Chloroethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Chloroethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Chloroethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Chloroethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Chloroethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Chloroethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Chloroethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Chloroethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Chloroethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Chloroethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Chloroethane	<10	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Chloroethane	<10	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Chloroethane	<5 UJ	ug/l	UJ		8260 B		L434468-05
MW-8	12/1/2009	Chloroethane	<5 UJ	ug/l	UJ		8260 B		L434468-06
MW-8	10/9/2012	Chloroethane	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Chloroethane	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Chloroethane	<5.0	ug/L	u	5			L662184-05
MW-8	9/6/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-8	10/2/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-8	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-8	12/12/1989	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-8	3/13/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-8	6/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-8	9/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-8	12/5/1990	Chloroform	5.00	ug/l	u	5		IEA	
MW-8	3/6/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-8	6/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-8	9/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-8	1/20/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-8	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	3/26/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	10/29/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	6/29/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-8	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-8	12/10/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-8	12/15/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Chloroform	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Chloroform	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Chloroform	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Chloroform	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Chloroform	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Chloroform	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Chloroform	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Chloroform	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Chloroform	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Chloroform	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Chloroform	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Chloroform	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Chloroform	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Chloroform	<5	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Chloroform	<5	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Chloroform	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Chloroform	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Chloroform	<5.0	ug/L	u	5			L662184-05
MW-8	12/15/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Chloromethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Chloromethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Chloromethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Chloromethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Chloromethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Chloromethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Chloromethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Chloromethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Chloromethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Chloromethane	ND	ug/l	u		8260 B		07120184-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/4/2007	Chloromethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Chloromethane	<10	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Chloromethane	<10	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Chloromethane	<2.5	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Chloromethane	<2.5	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Chloromethane	<2.5	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Chloromethane	<2.5	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Chloromethane	<2.5	ug/L	u	2.5			L662184-05
MW-8	9/6/1989	Chromium	0.01	mg/l	u	0.007		Radian	
MW-8	12/12/1989	Chromium	0.01	mg/l	u	0.01		Radian	
MW-8	3/13/1990	Chromium	0.012	mg/l	v	0.01		Radian	
MW-8	6/12/1990	Chromium	0.01	mg/l	u	0.007		Radian	
MW-8	9/12/1990	Chromium	0.01	mg/l	u	0.007		Radian	
MW-8	12/5/1990	Chromium	0.03	mg/l	u	0.03		IEA	
MW-8	3/6/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-8	6/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-8	9/5/1991	Chromium	0.030	mg/l	v			IEA	
MW-8	1/20/1992	Chromium	0.040	mg/l	v	0.01		IEA	
MW-8	11/5/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	3/26/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/29/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-8	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-8	8/18/1998	Chromium	10.00	ug/l	u	10			
MW-8	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-8	6/10/1999	Chromium	10.00	ug/l	u	10		Pace	
MW-8	12/15/1999	Chromium	0.01	mg/l	u	0.01	6010B	SPLLAf	9912941-03
MW-8	6/6/2000	Chromium	0.01	mg/l	u	0.01	6010B	SPLLAf	0006308-05
MW-8	12/14/2000	Chromium	< 0.01	ppm	u		SW-846 6010		
MW-8	12/14/2000	Chromium	< 0.01	ppm	u		SW-846 6010		
MW-8	6/25/2001	Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-8	12/10/2001	Chromium	0.00342 j	mg/l	j		SW-846 6010		
MW-8	6/19/2002	Chromium	< 0.00068	mg/l	u		SW-846 6010		
MW-8	12/13/2002	Chromium	ND	mg/l	u		6010 B		02120518-07
MW-8	6/18/2003	Chromium	0.007	mg/l			6010 B		03060775-05
MW-8	6/18/2003	Chromium	0.008	mg/l			6010 B		03060775-09
MW-8	12/2/2003	Chromium	ND	mg/l	u		6010 B		03120155-05
MW-8	12/2/2003	Chromium	ND	mg/l	u		6010 B		03120155-09
MW-8	6/8/2004	Chromium	ND	mg/l	u		6010 B		04060338-06
MW-8	6/8/2004	Chromium	ND	mg/l	u		6010 B		04060338-09
MW-8	12/1/2004	Chromium	0.008	mg/l			6010 B		04120075-05
MW-8	12/1/2004	Chromium	ND	mg/l	u		6010 B		04120075-09
MW-8	6/14/2005	Chromium	0.00536 J	mg/l	j		6010 B		05060699-09
MW-8	6/14/2005	Chromium	0.00851 J	mg/l	j		6010 B		05060699-05
MW-8	12/13/2005	Chromium	0.00604 J	mg/l	j		6010 B		05120626-05
MW-8	12/13/2005	Chromium	0.0075 J	mg/l	j		6010 B		05120626-04
MW-8	6/27/2006	Chromium	ND	mg/l	u		6010 B		
MW-8	6/27/2006	Chromium	ND	mg/l	u		6010 B		
MW-8	12/19/2006	Chromium	ND	mg/l	u		6010 B		06121018-05
MW-8	12/19/2006	Chromium	ND	mg/l	u		6010 B		06121018-06
MW-8	6/12/2007	Chromium	ND	mg/l	u		6010 B		07060670-07
MW-8	6/12/2007	Chromium	ND	mg/l	u		6010 B		07060670-09
MW-8	12/4/2007	Chromium	0.0019 UJ	mg/l	UJ		6020 A		07120184-05
MW-8	12/4/2007	Chromium	0.00196 UJ	mg/l	UJ		6020 A		07120184-06
MW-8	6/3/2008	Chromium	ND U	mg/l	u		6020		08060177-05
MW-8	6/3/2008	Chromium	ND U	mg/l	u		6020		08060177-08
MW-8	12/2/2008	Chromium	0.00453 J	mg/l	j		6020 A		08120127-05
MW-8	12/2/2008	Chromium	0.00537 J	mg/l	j		6020 A		08120127-06
MW-8	6/23/2009	Chromium	<0.0024	mg/l	u		6020		09061301-07
MW-8	6/23/2009	Chromium	<0.0024	mg/l	u		6020		09061301-09
MW-8	12/1/2009	Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-05
MW-8	12/1/2009	Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-06
MW-8	8/10/2011	Chromium	<0.010	mg/l	u		6020		L530497-04
MW-8	8/10/2011	Chromium	<0.010	mg/l	u		6020		L530497-06
MW-8	10/9/2012	Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-05
MW-8	10/9/2012	Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-06
MW-8	12/15/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAf	9912941-03
MW-8	12/13/2002	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	cis-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	cis-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/1/2009	cis-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	cis-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	cis-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	cis-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	cis-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-06
MW-8	10/9/2012	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	cis-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	cis-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-06
MW-8	3/6/1991	Copper	0.080	mg/l	v				
MW-8	12/1/2009	Cyclohexane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Cyclohexane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Cyclohexane	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Cyclohexane	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Cyclohexane	<1.0	ug/L	u	1			L662184-05
MW-8	10/2/1989	Dibenzofuran	10.00	ug/l	u	10		Radian	
MW-8	11/16/1989	Dibenzofuran	10.00	ug/l	u	10		Radian	
MW-8	3/6/1991	Dibenzofuran	10.00	ug/l	u*	10		IEA	
MW-8	9/5/1991	Dibenzofuran	10.00	ug/l	u	10		IEA	
MW-8	1/20/1992	Dibenzofuran	10.00	ug/l	u	10			
MW-8	10/29/1993	Dibenzofuran	1.20	ug/l	jv	10		Envirotech	
MW-8	3/7/1994	Dibenzofuran	1.90	ug/l	jv	11		Envirotech	
MW-8	6/21/1994	Dibenzofuran	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	Dibenzofuran	1.80	ug/l	jv	10		Envirotech	
MW-8	6/29/1995	Dibenzofuran	2.50	ug/l	jv	10		Envirotech	
MW-8	12/11/1995	Dibenzofuran	1.60	ug/l	jv	10		Envirotech	
MW-8	6/18/1996	Dibenzofuran	1.60	ug/l	jv	10		Envirotech	
MW-8	12/10/1996	Dibenzofuran	1.50	ug/l	jv	10		Envirotech	
MW-8	6/18/1997	Dibenzofuran	10.40	ug/l	u	10.40			
MW-8	12/9/1997	Dibenzofuran	10.00	ug/l	u	10			
MW-8	8/18/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-8	12/10/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-8	6/10/1999	Dibenzofuran	10.00	ug/l	u	10			
MW-8	12/15/1999	Dibromochloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Dibromochloromethane	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Dibromochloromethane	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Dibromochloromethane	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Dibromochloromethane	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Dibromochloromethane	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Dibromochloromethane	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Dibromochloromethane	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Dibromochloromethane	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Dibromochloromethane	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Dibromochloromethane	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Dibromochloromethane	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Dibromochloromethane	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Dibromochloromethane	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Dichlorodifluoromethane	<5	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Dichlorodifluoromethane	<5	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Dichlorodifluoromethane	<5.0	ug/L	u	5			L662184-05
MW-8	10/2/1989	Di-n-octyl phthalate	10.00	ug/l	u	10		Radian	
MW-8	11/16/1989	Di-n-octyl phthalate	10.00	ug/l	u	10		Radian	
MW-8	3/6/1991	Di-n-octyl phthalate	10.00	ug/l	u*	10		IEA	
MW-8	9/5/1991	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	1/20/1992	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	11/5/1992	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	3/26/1993	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	10/29/1993	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	3/7/1994	Di-n-octyl phthalate	11.00	ug/l	u	11			
MW-8	6/21/1994	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	12/13/1994	Di-n-octyl phthalate	7.40	ug/l	jv	10			
MW-8	6/29/1995	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	12/11/1995	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	6/18/1996	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	12/10/1996	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	6/18/1997	Di-n-octyl phthalate	10.40	ug/l	u	10.40			
MW-8	12/9/1997	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	8/18/1998	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	12/10/1998	Di-n-octyl phthalate	10.00	ug/l	u	10			
MW-8	6/10/1999	Di-n-octyl phthalate	10.00	ug/l	u	10			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	3/26/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/29/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-8	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-8	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-8	8/18/1998	Dissolved Barium	200.00	ug/l	u	200			
MW-8	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-8	12/15/1999	Dissolved Barium	0.033	mg/l	v	0.01	6010B	SPLLA	9912941-03
MW-8	12/14/2000	Dissolved Barium	0.012	ppm			SW-846 6010		
MW-8	12/14/2000	Dissolved Barium	0.012	ppm			SW-846 6010		
MW-8	12/10/2001	Dissolved Barium	0.021	mg/l			SW-846 6010		
MW-8	12/13/2002	Dissolved Barium	0.017	mg/l			6010 B		02120518-07
MW-8	12/2/2003	Dissolved Barium	0.0212 U	mg/l	u		6010 B		03120155-05
MW-8	12/2/2003	Dissolved Barium	0.0217 U	mg/l	u		6010 B		03120155-09
MW-8	12/1/2004	Dissolved Barium	0.024	mg/l			6010 B		04120075-09
MW-8	12/1/2004	Dissolved Barium	0.066	mg/l			6010 B		04120075-05
MW-8	12/13/2005	Dissolved Barium	0.0244 J	mg/l	j		6010 B		05120626-04
MW-8	12/13/2005	Dissolved Barium	0.0263 J	mg/l	j		6010 B		05120626-05
MW-8	12/19/2006	Dissolved Barium	0.0232 J	mg/l	j		6010 B		06121018-06
MW-8	12/19/2006	Dissolved Barium	0.0242 J	mg/l	j		6010 B		06121018-05
MW-8	12/4/2007	Dissolved Barium	0.0212 J	mg/l	j		6020 A		07120184-06
MW-8	12/4/2007	Dissolved Barium	0.022 J	mg/l	j		6020 A		07120184-05
MW-8	12/2/2008	Dissolved Barium	0.021	mg/l			6020 A		08120127-05
MW-8	12/2/2008	Dissolved Barium	0.022	mg/l			6020 A		08120127-06
MW-8	12/1/2009	Dissolved Barium	0.019	mg/l			6010 B/6020 B		L434468-06
MW-8	12/1/2009	Dissolved Barium	0.021	mg/l			6010 B/6020 B		L434468-05
MW-8	10/9/2012	Dissolved Barium	0.023 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	10/9/2012	Dissolved Barium	0.031 J	mg/l	j		6010 B/6020 B		L600034-06
MW-8	10/8/2013	Dissolved Barium	0.025	mg/L					L662184-05
MW-8	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	3/26/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/29/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-8	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-8	8/18/1998	Dissolved Cadmium	5.00	ug/l	u	5			
MW-8	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-8	6/10/1999	Dissolved Cadmium	5.00	ug/l	u	5		Pace	
MW-8	12/15/1999	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-03
MW-8	6/6/2000	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-05
MW-8	12/14/2000	Dissolved Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-8	12/14/2000	Dissolved Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-8	6/25/2001	Dissolved Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-8	12/10/2001	Dissolved Cadmium	0.00152 j	mg/l	j		SW-846 6010		
MW-8	6/19/2002	Dissolved Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-8	12/13/2002	Dissolved Cadmium	ND	mg/l	u		6010 B		02120518-07
MW-8	6/18/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03060775-05
MW-8	6/18/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03060775-09
MW-8	12/2/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03120155-05
MW-8	12/2/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03120155-09
MW-8	6/8/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04060338-06
MW-8	6/8/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04060338-09
MW-8	12/1/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04120075-05
MW-8	12/1/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04120075-09
MW-8	6/14/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05060699-05
MW-8	6/14/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05060699-09
MW-8	12/13/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05120626-04
MW-8	12/13/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05120626-05
MW-8	6/27/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		
MW-8	6/27/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		
MW-8	12/19/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		06121018-05
MW-8	12/19/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		06121018-06
MW-8	6/12/2007	Dissolved Cadmium	ND	mg/l	u		6010 B		07060670-07
MW-8	6/12/2007	Dissolved Cadmium	ND	mg/l	u		6010 B		07060670-09
MW-8	12/4/2007	Dissolved Cadmium	0.000199 UJ	mg/l	UJ		6020 A		07120184-05
MW-8	12/4/2007	Dissolved Cadmium	0.000352 UJ	mg/l	UJ		6020 A		07120184-06
MW-8	6/3/2008	Dissolved Cadmium	ND	mg/l	u		6020		08060177-05
MW-8	6/3/2008	Dissolved Cadmium	ND	mg/l	u		6020		08060177-08
MW-8	12/2/2008	Dissolved Cadmium	<0.0045	mg/l	u		6020 A		08120127-05
MW-8	12/2/2008	Dissolved Cadmium	<0.0045	mg/l	u		6020 A		08120127-06
MW-8	6/23/2009	Dissolved Cadmium	<0.0026	mg/l	u		6020		09061301-07
MW-8	6/23/2009	Dissolved Cadmium	<0.0026	mg/l	u		6020		09061301-09
MW-8	12/1/2009	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-05
MW-8	12/1/2009	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	8/10/2011	Dissolved Cadmium	<0.0005	mg/l	u		6020		L530497-04
MW-8	8/10/2011	Dissolved Cadmium	<0.0005	mg/l	u		6020		L530497-06
MW-8	10/9/2012	Dissolved Cadmium	<0.0005 UJ	mg/l	UJ		6010 B/6020 B		L600034-05
MW-8	10/9/2012	Dissolved Cadmium	<0.0005 UJ	mg/l	UJ		6010 B/6020 B		L600034-06
MW-8	10/8/2013	Dissolved Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-05
MW-8	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	3/26/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/29/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-8	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-8	8/18/1998	Dissolved Chromium	10.00	ug/l	u	10			
MW-8	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-8	6/10/1999	Dissolved Chromium	10.00	ug/l	u	10		Pace	
MW-8	12/15/1999	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLAFF	9912941-03
MW-8	6/6/2000	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLAFF	0006308-05
MW-8	12/14/2000	Dissolved Chromium	< 0.01	ppm	u		SW-846 6010		
MW-8	12/14/2000	Dissolved Chromium	< 0.01	ppm	u		SW-846 6010		
MW-8	6/25/2001	Dissolved Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-8	12/10/2001	Dissolved Chromium	<0.005	mg/l	u		SW-846 6010		
MW-8	6/19/2002	Dissolved Chromium	< 0.00068	mg/l	u		SW-846 6010		
MW-8	12/13/2002	Dissolved Chromium	ND	mg/l	u		6010 B		02120518-07
MW-8	6/18/2003	Dissolved Chromium	0.006	mg/l	u		6010 B		03060775-05
MW-8	6/18/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03060775-09
MW-8	12/2/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03120155-05
MW-8	12/2/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03120155-09
MW-8	6/8/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04060338-06
MW-8	6/8/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04060338-09
MW-8	12/1/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04120075-05
MW-8	12/1/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04120075-09
MW-8	6/14/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05060699-05
MW-8	6/14/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05060699-09
MW-8	12/13/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05120626-04
MW-8	12/13/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05120626-05
MW-8	6/27/2006	Dissolved Chromium	ND	mg/l	u		6010 B		
MW-8	6/27/2006	Dissolved Chromium	ND	mg/l	u		6010 B		
MW-8	12/19/2006	Dissolved Chromium	ND	mg/l	u		6010 B		06121018-05
MW-8	12/19/2006	Dissolved Chromium	ND	mg/l	u		6010 B		06121018-06
MW-8	6/12/2007	Dissolved Chromium	ND	mg/l	u		6010 B		07060670-07
MW-8	6/12/2007	Dissolved Chromium	ND	mg/l	u		6010 B		07060670-09
MW-8	12/4/2007	Dissolved Chromium	0.000559 UJ	mg/l	UJ		6020 A		07120184-06
MW-8	12/4/2007	Dissolved Chromium	0.000598 UJ	mg/l	UJ		6020 A		07120184-05
MW-8	6/3/2008	Dissolved Chromium	ND U	mg/l	u		6020		08060177-05
MW-8	6/3/2008	Dissolved Chromium	ND U	mg/l	u		6020		08060177-08
MW-8	12/2/2008	Dissolved Chromium	0.00548 J	mg/l	j		6020 A		08120127-06
MW-8	12/2/2008	Dissolved Chromium	0.00607 J	mg/l	j		6020 A		08120127-05
MW-8	6/23/2009	Dissolved Chromium	<0.0024	mg/l	u		6020		09061301-07
MW-8	6/23/2009	Dissolved Chromium	<0.0024	mg/l	u		6020		09061301-09
MW-8	12/1/2009	Dissolved Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-05
MW-8	12/1/2009	Dissolved Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-06
MW-8	8/10/2011	Dissolved Chromium	<0.010	mg/l	u		6020		L530497-04
MW-8	8/10/2011	Dissolved Chromium	<0.010	mg/l	u		6020		L530497-06
MW-8	10/9/2012	Dissolved Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-05
MW-8	10/9/2012	Dissolved Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-06
MW-8	10/8/2013	Dissolved Chromium	<0.010	mg/L	u	0.01			L662184-05
MW-8	11/5/1992	Dissolved Iron	2390.00	ug/l	v	100		Envirotech	
MW-8	3/26/1993	Dissolved Iron	2080.00	ug/l	v	100		Envirotech	
MW-8	10/29/1993	Dissolved Iron	3070.00	ug/l	v	100		Envirotech	
MW-8	3/7/1994	Dissolved Iron	2770.00	ug/l	v	100		Envirotech	
MW-8	6/21/1994	Dissolved Iron	4060.00	ug/l	v	100		Envirotech	
MW-8	12/13/1994	Dissolved Iron	3740.00	ug/l	v	100		Envirotech	
MW-8	6/29/1995	Dissolved Iron	8420.00	ug/l	v	100		Envirotech	
MW-8	12/11/1995	Dissolved Iron	3000.00	ug/l	v	100		Envirotech	
MW-8	6/18/1996	Dissolved Iron	4490.00	ug/l	v	100		Envirotech	
MW-8	12/10/1996	Dissolved Iron	4430.00	ug/l	v	100		Envirotech	
MW-8	6/18/1997	Dissolved Iron	4570.00	ug/l	v	100		UHL	
MW-8	12/9/1997	Dissolved Iron	3930.00	ug/l	v	100		UHL	
MW-8	8/18/1998	Dissolved Iron	7710.00	ug/l	v	100			
MW-8	12/10/1998	Dissolved Iron	3200.00	ug/l	v	100		UHL	
MW-8	12/15/1999	Dissolved Iron	3.21	mg/l	v	0.02	6010B	SPLLAFF	9912941-03
MW-8	12/14/2000	Dissolved Iron	3.71	ppm			SW-846 6010		
MW-8	12/14/2000	Dissolved Iron	3.73	ppm			SW-846 6010		
MW-8	12/10/2001	Dissolved Iron	1.70	mg/l			SW-846 6010		
MW-8	12/13/2002	Dissolved Iron	1.20	mg/l			6010 B		02120518-07
MW-8	12/2/2003	Dissolved Iron	4.01	mg/l			6010 B		03120155-09
MW-8	12/2/2003	Dissolved Iron	4.04	mg/l			6010 B		03120155-05
MW-8	12/1/2004	Dissolved Iron	0.02	mg/l			6010 B		04120075-05
MW-8	12/1/2004	Dissolved Iron	3.98	mg/l			6010 B		04120075-09
MW-8	12/13/2005	Dissolved Iron	1.51 J	mg/l	j		6010 B		05120626-04
MW-8	12/13/2005	Dissolved Iron	1.6 J	mg/l	j		6010 B		05120626-05
MW-8	12/19/2006	Dissolved Iron	2.48 J	mg/l	j		6010 B		06121018-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/19/2006	Dissolved Iron	2.57 J	mg/l	j		6010 B		06121018-05
MW-8	12/4/2007	Dissolved Iron	2.71 J	mg/l	j		6020 A		07120184-05
MW-8	12/4/2007	Dissolved Iron	2.74 J	mg/l	j		6020 A		07120184-06
MW-8	12/2/2008	Dissolved Iron	2.11	mg/l			6020 A		08120127-06
MW-8	12/2/2008	Dissolved Iron	2.12	mg/l			6020 A		08120127-05
MW-8	12/1/2009	Dissolved Iron	1.50	mg/l			6010 B/6020 B		L434468-06
MW-8	12/1/2009	Dissolved Iron	1.60	mg/l			6010 B/6020 B		L434468-05
MW-8	3/31/2011	Dissolved Iron	2.10	mg/l					L509030-03
MW-8	8/10/2011	Dissolved Iron	1.70	mg/l			6020		L530497-04
MW-8	8/10/2011	Dissolved Iron	2.20	mg/l			6020		L530497-06
MW-8	10/9/2012	Dissolved Iron	<0.100	mg/l	u		6010 B/6020 B		L600034-06
MW-8	10/9/2012	Dissolved Iron	0.13 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	10/8/2013	Dissolved Iron	<0.100	mg/L	u	0.1			L662184-05
MW-8	12/10/2014	Dissolved Iron	1.5	mg/L					L738573-08
MW-8	9/3/2015	Dissolved Iron	0.161	mg/L					L787147-08
MW-8	6/8/2016	Dissolved Iron	0.169	mg/L					L840417-08
MW-8	3/8/2017	Dissolved Iron	1.72	mg/L					L894955-08
MW-8	6/18/2020	Dissolved Iron	0.923	mg/L					L1231176-08
MW-8	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	3/26/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	12/13/1994	Dissolved Lead	3.30	ug/l	jv	3		Envirotech	
MW-8	6/29/1995	Dissolved Lead	3.70	ug/l	v	3		Envirotech	
MW-8	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-8	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-8	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-8	8/18/1998	Dissolved Lead	3.00	ug/l	u	3			
MW-8	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-8	6/10/1999	Dissolved Lead	3.00	ug/l	u	3		Pace	
MW-8	12/15/1999	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLLAFF	9912941-03
MW-8	6/6/2000	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLLAFF	0006308-05
MW-8	6/25/2001	Dissolved Lead	< 0.01	mg/l	u		SW-846 6010		
MW-8	12/10/2001	Dissolved Lead	<0.005	mg/l	u		SW-846 6010		
MW-8	6/19/2002	Dissolved Lead	< 0.00143	mg/l	u		SW-846 6010		
MW-8	12/13/2002	Dissolved Lead	ND	mg/l	u		6010 B		02120518-07
MW-8	6/18/2003	Dissolved Lead	ND	mg/l	u		6010 B		03060775-05
MW-8	6/18/2003	Dissolved Lead	ND	mg/l	u		6010 B		03060775-09
MW-8	12/2/2003	Dissolved Lead	ND	mg/l	u		6010 B		03120155-05
MW-8	12/2/2003	Dissolved Lead	ND	mg/l	u		6010 B		03120155-09
MW-8	6/8/2004	Dissolved Lead	ND	mg/l	u		6010 B		04060338-06
MW-8	6/8/2004	Dissolved Lead	ND	mg/l	u		6010 B		04060338-09
MW-8	12/1/2004	Dissolved Lead	ND	mg/l	u		6010 B		04120075-05
MW-8	12/1/2004	Dissolved Lead	ND	mg/l	u		6010 B		04120075-09
MW-8	6/14/2005	Dissolved Lead	ND	mg/l	u		6010 B		05060699-05
MW-8	6/14/2005	Dissolved Lead	ND	mg/l	u		6010 B		05060699-09
MW-8	12/13/2005	Dissolved Lead	ND	mg/l	u		6010 B		05120626-04
MW-8	12/13/2005	Dissolved Lead	ND	mg/l	u		6010 B		05120626-05
MW-8	6/27/2006	Dissolved Lead	.0201 J	mg/l	j		6010 B		
MW-8	6/27/2006	Dissolved Lead	ND	mg/l	u		6010 B		
MW-8	12/19/2006	Dissolved Lead	ND	mg/l	u		6010 B		06121018-05
MW-8	12/19/2006	Dissolved Lead	ND	mg/l	u		6010 B		06121018-06
MW-8	6/12/2007	Dissolved Lead	ND	mg/l	u		6010 B		07060670-07
MW-8	6/12/2007	Dissolved Lead	ND	mg/l	u		6010 B		07060670-09
MW-8	12/4/2007	Dissolved Lead	0.00066 UJ	mg/l	UJ		6020 A		07120184-05
MW-8	12/4/2007	Dissolved Lead	0.00066 UJ	mg/l	UJ		6020 A		07120184-06
MW-8	6/3/2008	Dissolved Lead	ND	mg/l	u		6020		08060177-05
MW-8	6/3/2008	Dissolved Lead	ND	mg/l	u		6020		08060177-08
MW-8	12/2/2008	Dissolved Lead	<0.0166	mg/l	u		6020 A		08120127-05
MW-8	12/2/2008	Dissolved Lead	0.0211 U	mg/l	u		6020 A		08120127-06
MW-8	6/23/2009	Dissolved Lead	<0.0022	mg/l	u		6020		09061301-07
MW-8	6/23/2009	Dissolved Lead	<0.0022	mg/l	u		6020		09061301-09
MW-8	12/1/2009	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-05
MW-8	12/1/2009	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-06
MW-8	8/10/2011	Dissolved Lead	<0.001	mg/l	u		6020		L530497-04
MW-8	8/10/2011	Dissolved Lead	<0.001	mg/l	u		6020		L530497-06
MW-8	10/9/2012	Dissolved Lead	<0.001 UJ	mg/l	UJ		6010 B/6020 B		L600034-05
MW-8	10/9/2012	Dissolved Lead	<0.001 UJ	mg/l	UJ		6010 B/6020 B		L600034-06
MW-8	10/8/2013	Dissolved Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-05
MW-8	11/5/1992	Dissolved Manganese	2240.00	ug/l	v	15		Envirotech	
MW-8	3/26/1993	Dissolved Manganese	1920.00	ug/l	v	15		Envirotech	
MW-8	10/29/1993	Dissolved Manganese	2840.00	ug/l	v	15		Envirotech	
MW-8	3/7/1994	Dissolved Manganese	2410.00	ug/l	v	15		Envirotech	
MW-8	6/21/1994	Dissolved Manganese	2840.00	ug/l	v	15		Envirotech	
MW-8	12/13/1994	Dissolved Manganese	2790.00	ug/l	v	15		Envirotech	
MW-8	6/29/1995	Dissolved Manganese	5070.00	ug/l	v	15		Envirotech	
MW-8	12/11/1995	Dissolved Manganese	2310.00	ug/l	v	15		Envirotech	
MW-8	6/18/1996	Dissolved Manganese	2930.00	ug/l	v	15		Envirotech	
MW-8	12/10/1996	Dissolved Manganese	2710.00	ug/l	v	15		Envirotech	
MW-8	6/18/1997	Dissolved Manganese	2750.00	ug/l	v	15		UHL	
MW-8	12/9/1997	Dissolved Manganese	2160.00	ug/l	v	15		UHL	
MW-8	8/18/1998	Dissolved Manganese	3550.00	ug/l	v	15			
MW-8	12/10/1998	Dissolved Manganese	2690.00	ug/l	v	15		UHL	
MW-8	12/15/1999	Dissolved Manganese	3.13	mg/l	v	0.01	6010B	SPLLAFF	9912941-03

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/14/2000	Dissolved Manganese	2.91	ppm			SW-846 6010		
MW-8	12/14/2000	Dissolved Manganese	2.99	ppm			SW-846 6010		
MW-8	12/10/2001	Dissolved Manganese	2.26	mg/l			SW-846 6010		
MW-8	12/13/2002	Dissolved Manganese	2.25	mg/l			6010 B		02120518-07
MW-8	12/2/2003	Dissolved Manganese	2.89	mg/l			6010 B		03120155-09
MW-8	12/2/2003	Dissolved Manganese	2.92	mg/l			6010 B		03120155-05
MW-8	12/1/2004	Dissolved Manganese	0.30	mg/l			6010 B		04120075-05
MW-8	12/1/2004	Dissolved Manganese	3.18	mg/l			6010 B		04120075-09
MW-8	12/13/2005	Dissolved Manganese	2.8 J	mg/l	j		6010 B		05120626-04
MW-8	12/13/2005	Dissolved Manganese	2.89 J	mg/l	j		6010 B		05120626-05
MW-8	12/19/2006	Dissolved Manganese	3.01 J	mg/l	j		6010 B		06121018-06
MW-8	12/19/2006	Dissolved Manganese	3.02 J	mg/l	j		6010 B		06121018-05
MW-8	12/4/2007	Dissolved Manganese	3.32 J	mg/l	j		6020 A		07120184-06
MW-8	12/4/2007	Dissolved Manganese	3.4 J	mg/l	j		6020 A		07120184-05
MW-8	12/2/2008	Dissolved Manganese	3.20	mg/l			6020 A		08120127-05
MW-8	12/2/2008	Dissolved Manganese	3.28	mg/l			6020 A		08120127-06
MW-8	12/1/2009	Dissolved Manganese	2.80	mg/l			6010 B/6020 B		L434468-05
MW-8	12/1/2009	Dissolved Manganese	3.20	mg/l			6010 B/6020 B		L434468-06
MW-8	3/31/2011	Dissolved Manganese	3.00	mg/l					L509030-03
MW-8	8/10/2011	Dissolved Manganese	3.2 J	mg/l	j		6020		L530497-06
MW-8	8/10/2011	Dissolved Manganese	3.3 J	mg/l	j		6020		L530497-04
MW-8	10/9/2012	Dissolved Manganese	3 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	10/9/2012	Dissolved Manganese	3.1 J	mg/l	j		6010 B/6020 B		L600034-06
MW-8	10/8/2013	Dissolved Manganese	3.2 J	mg/L	j				L662184-05
MW-8	12/10/2014	Dissolved Manganese	2.9	mg/L					L738573-08
MW-8	9/3/2015	Dissolved Manganese	3.24	mg/L					L787147-08
MW-8	6/8/2016	Dissolved Manganese	3.11	mg/L					L840417-08
MW-8	3/8/2017	Dissolved Manganese	3.42	mg/L					L894955-08
MW-8	6/18/2020	Dissolved Manganese	3.690	mg/L					L1231176-08
MW-8	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	3/26/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	6/29/1995	Dissolved Mercury	0.20	ug/l	u	0.20			
MW-8	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-8	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-8	6/18/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-8	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-8	8/18/1998	Dissolved Mercury	0.10	ug/l	u	0.10			
MW-8	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-8	6/10/1999	Dissolved Mercury	0.20	ug/l	u	0.20		Pace	
MW-8	12/15/1999	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLA	9912941-03
MW-8	6/6/2000	Dissolved Mercury	0.0002	mg/l	k	0.0002	7470 A	SPLLA	0006308-05
MW-8	12/14/2000	Dissolved Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-8	12/14/2000	Dissolved Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-8	6/25/2001	Dissolved Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-8	12/10/2001	Dissolved Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-8	6/19/2002	Dissolved Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-8	12/13/2002	Dissolved Mercury	ND	mg/l	u		7470 A		02120518-07
MW-8	6/18/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03060775-05
MW-8	6/18/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03060775-09
MW-8	12/2/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03120155-05
MW-8	12/2/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03120155-09
MW-8	6/8/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04060338-06
MW-8	6/8/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04060338-09
MW-8	12/1/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04120075-05
MW-8	12/1/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04120075-09
MW-8	6/14/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05060699-05
MW-8	6/14/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05060699-09
MW-8	12/13/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05120626-04
MW-8	12/13/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05120626-05
MW-8	6/27/2006	Dissolved Mercury	ND	mg/l	u		7470 A		
MW-8	6/27/2006	Dissolved Mercury	ND	mg/l	u		7470 A		
MW-8	12/19/2006	Dissolved Mercury	ND	mg/l	u		7470 A		06121018-05
MW-8	12/19/2006	Dissolved Mercury	ND	mg/l	u		7470 A		06121018-06
MW-8	6/12/2007	Dissolved Mercury	ND	mg/l	u		7470 A		07060670-07
MW-8	6/12/2007	Dissolved Mercury	ND	mg/l	u		7470 A		07060670-09
MW-8	12/4/2007	Dissolved Mercury	0.00005 UJ	mg/l	UJ		7470 A		07120184-05
MW-8	12/4/2007	Dissolved Mercury	0.00005 UJ	mg/l	UJ		7470 A		07120184-06
MW-8	6/3/2008	Dissolved Mercury	ND UJ	mg/l	UJ		7470 A		08060177-05
MW-8	6/3/2008	Dissolved Mercury	ND UJ	mg/l	UJ		7470 A		08060177-08
MW-8	12/2/2008	Dissolved Mercury	<0.000073	mg/l	u		7470 A		08120127-05
MW-8	12/2/2008	Dissolved Mercury	<0.000073	mg/l	u		7470 A		08120127-06
MW-8	6/23/2009	Dissolved Mercury	<0.000073	mg/l	u		7470 A		09061301-07
MW-8	6/23/2009	Dissolved Mercury	<0.000073	mg/l	u		7470 A		09061301-09
MW-8	12/1/2009	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L434468-05
MW-8	12/1/2009	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L434468-06
MW-8	8/10/2011	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L530497-04
MW-8	8/10/2011	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L530497-06
MW-8	10/9/2012	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L600034-05
MW-8	10/9/2012	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L600034-06
MW-8	10/8/2013	Dissolved Mercury	<0.0002	mg/L	u	0.0002			L662184-05
MW-8	3/31/2011	Dissolved Organic Carbon	20.00	mg/l					L509030-03
MW-8	12/15/1999	Ethyl benzene	5.00	ug/l	u	5	8260B	SPLLA	9912941-03

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021B	SPLLAFF	0006308-05
MW-8	6/25/2001	Ethyl benzene	<1	ug/l	u		SW-846 8021		
MW-8	6/19/2002	Ethyl benzene	<0.0933	ug/l	u		SW-846 8021		
MW-8	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-07
MW-8	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-05
MW-8	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-09
MW-8	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-09
MW-8	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-06
MW-8	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-09
MW-8	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-09
MW-8	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-05
MW-8	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-09
MW-8	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-05
MW-8	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-8	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-8	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-06
MW-8	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-07
MW-8	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-09
MW-8	12/4/2007	Ethyl benzene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Ethyl benzene	ND	ug/l	u		8260 B		07120184-06
MW-8	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-05
MW-8	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-08
MW-8	12/2/2008	Ethyl benzene	<1	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Ethyl benzene	<1	ug/l	u		8260 B		08120127-06
MW-8	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-07
MW-8	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-09
MW-8	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-06
MW-8	8/10/2011	Ethyl benzene	< 1	ug/l	u		8021 B		L530497-04
MW-8	8/10/2011	Ethyl benzene	< 1	ug/l	u		8021 B		L530497-06
MW-8	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-05
MW-8	3/31/2011	Ferrous Fe	>1.0	mg/l					L509030-03
MW-8	10/2/1989	Fluorene	10.00	ug/l	u	10		Radian	
MW-8	11/16/1989	Fluorene	10.00	ug/l	u	10		Radian	
MW-8	3/6/1991	Fluorene	10.00	ug/l	u*	10		IEA	
MW-8	9/5/1991	Fluorene	10.00	ug/l	u	10		IEA	
MW-8	1/20/1992	Fluorene	10.00	ug/l	u	10			
MW-8	11/5/1992	Fluorene	10.00	ug/l	u	10		Envirotech	
MW-8	3/26/1993	Fluorene	1.00	ug/l	ju	10		Envirotech	
MW-8	10/29/1993	Fluorene	1.20	ug/l	ju	10		Envirotech	
MW-8	3/7/1994	Fluorene	1.90	ug/l	ju	11		Envirotech	
MW-8	6/21/1994	Fluorene	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	Fluorene	1.60	ug/l	ju	10		Envirotech	
MW-8	6/29/1995	Fluorene	2.60	ug/l	ju	10		Envirotech	
MW-8	12/11/1995	Fluorene	1.70	ug/l	ju	10		Envirotech	
MW-8	6/18/1996	Fluorene	1.50	ug/l	ju	10		Envirotech	
MW-8	12/10/1996	Fluorene	1.50	ug/l	ju	10		Envirotech	
MW-8	6/18/1997	Fluorene	10.40	ug/l	u	10.40			
MW-8	12/9/1997	Fluorene	10.00	ug/l	u	10			
MW-8	8/18/1998	Fluorene	10.00	ug/l	u	10			
MW-8	12/10/1998	Fluorene	10.00	ug/l	u	10			
MW-8	6/10/1999	Fluorene	10.00	ug/l	u	10			
MW-8	9/6/1989	Fluoride	0.06	mg/l	v				
MW-8	12/12/1989	Fluoride	0.03	mg/l	v	0.005		Radian	
MW-8	3/13/1990	Fluoride	0.10	mg/l	v	0.050		Radian	
MW-8	6/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-8	9/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-8	12/5/1990	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-8	3/6/1991	Fluoride	0.10	mg/l	u	0.10			
MW-8	6/5/1991	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-8	9/6/1989	Iron	1.10	mg/l	v	0.007		Radian	
MW-8	12/12/1989	Iron	5.60	mg/l	v	0.040		Radian	
MW-8	3/13/1990	Iron	1.60	mg/l	v	0.040		Radian	
MW-8	6/12/1990	Iron	20.00	mg/l	v	0.007		Radian	
MW-8	9/12/1990	Iron	4.30	mg/l	v	0.007		Radian	
MW-8	12/5/1990	Iron	5.90	mg/l	v			IEA	
MW-8	3/6/1991	Iron	14.00	mg/l	v			IEA	
MW-8	6/5/1991	Iron	3.70	mg/l	v			IEA	
MW-8	1/20/1992	Iron	6.50	mg/l	v	0.03		IEA	
MW-8	11/5/1992	Iron	2680.00	ug/l	v	100		Envirotech	
MW-8	3/26/1993	Iron	2540.00	ug/l	v	100		Envirotech	
MW-8	10/29/1993	Iron	3290.00	ug/l	v	100		Envirotech	
MW-8	3/7/1994	Iron	2890.00	ug/l	v	100		Envirotech	
MW-8	6/21/1994	Iron	4950.00	ug/l	v	100		Envirotech	
MW-8	12/13/1994	Iron	3760.00	ug/l	v	100		Envirotech	
MW-8	6/29/1995	Iron	9240.00	ug/l	v	100		Envirotech	
MW-8	12/11/1995	Iron	3390.00	ug/l	v	100		Envirotech	
MW-8	6/18/1996	Iron	5070.00	ug/l	v	100		Envirotech	
MW-8	12/10/1996	Iron	5080.00	ug/l	v	100		Envirotech	
MW-8	6/18/1997	Iron	5010.00	ug/l	v	100		UHL	
MW-8	12/9/1997	Iron	4150.00	ug/l	v	100		UHL	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	8/18/1998	Iron	7700.00	ug/l	v	100			
MW-8	12/10/1998	Iron	5830.00	ug/l	v	100		UHL	
MW-8	12/15/1999	Iron	3.42	mg/l	v	0.02	6010B	SPLLAF	9912941-03
MW-8	12/14/2000	Iron	3.77	ppm			SW-846 6010		
MW-8	12/14/2000	Iron	3.89	ppm			SW-846 6010		
MW-8	12/10/2001	Iron	2.73	mg/l			SW-846 6010		
MW-8	12/13/2002	Iron	2.76	mg/l			6010 B		02120518-07
MW-8	12/2/2003	Iron	6.00	mg/l			6010 B		03120155-09
MW-8	12/2/2003	Iron	6.14	mg/l			6010 B		03120155-05
MW-8	12/1/2004	Iron	4.73	mg/l			6010 B		04120075-09
MW-8	12/1/2004	Iron	4.90	mg/l			6010 B		04120075-05
MW-8	12/13/2005	Iron	3.67 J	mg/l	j		6010 B		05120626-04
MW-8	12/13/2005	Iron	4.12 J	mg/l	j		6010 B		05120626-05
MW-8	12/19/2006	Iron	3.72 J	mg/l	j		6010 B		06121018-05
MW-8	12/19/2006	Iron	3.74 J	mg/l	j		6010 B		06121018-06
MW-8	12/4/2007	Iron	3.8 J	mg/l	j		6020 A		07120184-06
MW-8	12/4/2007	Iron	4.02 J	mg/l	j		6020 A		07120184-05
MW-8	12/2/2008	Iron	4.04 J	mg/l	j		6020 A		08120127-05
MW-8	12/2/2008	Iron	4.12 J	mg/l	j		6020 A		08120127-06
MW-8	12/1/2009	Iron	2.80	mg/l			6010 B/6020 B		L434468-05
MW-8	12/1/2009	Iron	3.00	mg/l			6010 B/6020 B		L434468-06
MW-8	3/31/2011	Iron	2.20	mg/l					L509030-03
MW-8	8/10/2011	Iron	7.00	mg/l			6020		L530497-06
MW-8	8/10/2011	Iron	12.00	mg/l			6020		L530497-04
MW-8	10/9/2012	Iron	0.7 J	mg/l	j		6010 B/6020 B		L600034-06
MW-8	10/9/2012	Iron	10 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	12/1/2009	Isopropylbenzene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Isopropylbenzene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Isopropylbenzene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Isopropylbenzene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Isopropylbenzene	<1.0	ug/L	u	1			L662184-05
MW-8	9/6/1989	Laboratory conductivity	540.00	umhos/cm	v				
MW-8	11/16/1989	Laboratory conductivity	550.00	umhos/cm	v			Radian	
MW-8	9/5/1991	Laboratory conductivity	580.00	uS/cm	v			IEA	
MW-8	1/20/1992	Laboratory conductivity	420.00	uS/cm	v	1		IEA	
MW-8	9/6/1989	Laboratory pH	6.00	s.u.	v				
MW-8	11/16/1989	Laboratory pH	5.70	s.u.	v			Radian	
MW-8	9/5/1991	Laboratory pH	6.30	s.u.	v			IEA	
MW-8	1/20/1992	Laboratory pH	6.30	s.u.	v			IEA	
MW-8	9/6/1989	Lead	0.0020	mg/l	u	0.002		Radian	
MW-8	12/12/1989	Lead	0.0020	mg/l	u	0.002		Radian	
MW-8	3/13/1990	Lead	0.021	mg/l	v	0.003		Radian	
MW-8	6/12/1990	Lead	0.0040	mg/l	v	0.003		Radian	
MW-8	9/12/1990	Lead	0.0030	mg/l	u	0.003		Radian	
MW-8	12/5/1990	Lead	0.0050	mg/l	u	0.005		IEA	
MW-8	3/6/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-8	6/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-8	9/5/1991	Lead	0.011	mg/l	v			IEA	
MW-8	1/20/1992	Lead	0.0050	mg/l	u	0.005		IEA	
MW-8	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	3/26/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	6/29/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-8	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-8	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-8	8/18/1998	Lead	3.00	ug/l	u	3			
MW-8	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-8	6/10/1999	Lead	3.00	ug/l	u	3		Pace	
MW-8	12/15/1999	Lead	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-03
MW-8	6/6/2000	Lead	0.01	mg/l	u	0.01	6010B	SPLLAF	0006308-05
MW-8	12/14/2000	Lead	< 0.01	ppm	u		SW-846 6010		
MW-8	12/14/2000	Lead	< 0.01	ppm	u		SW-846 6010		
MW-8	6/25/2001	Lead	< 0.01	mg/l	u		SW-846 6010		
MW-8	12/10/2001	Lead	<0.005	mg/l	u		SW-846 6010		
MW-8	6/19/2002	Lead	< 0.00143	mg/l	u		SW-846 6010		
MW-8	12/13/2002	Lead	ND	mg/l	u		6010 B		02120518-07
MW-8	6/18/2003	Lead	ND	mg/l	u		6010 B		03060775-05
MW-8	6/18/2003	Lead	ND	mg/l	u		6010 B		03060775-09
MW-8	12/2/2003	Lead	ND	mg/l	u		6010 B		03120155-05
MW-8	12/2/2003	Lead	ND	mg/l	u		6010 B		03120155-09
MW-8	6/8/2004	Lead	ND	mg/l	u		6010 B		04060338-06
MW-8	6/8/2004	Lead	ND	mg/l	u		6010 B		04060338-09
MW-8	12/1/2004	Lead	0.007	mg/l	u		6010 B		04120075-05
MW-8	12/1/2004	Lead	ND	mg/l	u		6010 B		04120075-09
MW-8	6/14/2005	Lead	ND	mg/l	u		6010 B		05060699-05
MW-8	6/14/2005	Lead	ND	mg/l	u		6010 B		05060699-09
MW-8	12/13/2005	Lead	ND	mg/l	u		6010 B		05120626-04
MW-8	12/13/2005	Lead	ND	mg/l	u		6010 B		05120626-05
MW-8	6/27/2006	Lead	ND	mg/l	u		6010 B		
MW-8	6/27/2006	Lead	ND	mg/l	u		6010 B		
MW-8	12/19/2006	Lead	ND	mg/l	u		6010 B		06121018-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/19/2006	Lead	ND	mg/l	u		6010 B		06121018-06
MW-8	6/12/2007	Lead	ND	mg/l	u		6010 B		07060670-07
MW-8	6/12/2007	Lead	ND	mg/l	u		6010 B		07060670-09
MW-8	12/4/2007	Lead	0.00066 UJ	mg/l	UJ		6020 A		07120184-05
MW-8	12/4/2007	Lead	0.00066 UJ	mg/l	UJ		6020 A		07120184-06
MW-8	6/3/2008	Lead	ND	mg/l	u		6020		08060177-05
MW-8	6/3/2008	Lead	ND	mg/l	u		6020		08060177-08
MW-8	12/2/2008	Lead	<0.0166 UJ	mg/l	UJ		6020 A		08120127-06
MW-8	12/2/2008	Lead	0.0292 UJ	mg/l	UJ		6020 A		08120127-05
MW-8	6/23/2009	Lead	<0.0022	mg/l	u		6020		09061301-07
MW-8	6/23/2009	Lead	<0.0022	mg/l	u		6020		09061301-09
MW-8	12/1/2009	Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-05
MW-8	12/1/2009	Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-06
MW-8	8/10/2011	Lead	0.0014 J	mg/l	j		6020		L530497-06
MW-8	8/10/2011	Lead	0.0022 J	mg/l	j		6020		L530497-04
MW-8	10/9/2012	Lead	<0.001	mg/l	u		6010 B/6020 B		L600034-06
MW-8	10/9/2012	Lead	0.0018 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5			
MW-8	12/15/1999	m&p-Xylenes	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-07
MW-8	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-05
MW-8	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-09
MW-8	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-09
MW-8	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-06
MW-8	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-09
MW-8	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-09
MW-8	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-05
MW-8	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-09
MW-8	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-05
MW-8	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-8	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-8	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-06
MW-8	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-07
MW-8	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-09
MW-8	12/4/2007	m&p-Xylenes	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	m&p-Xylenes	ND	ug/l	u		8260 B		07120184-06
MW-8	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-05
MW-8	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-08
MW-8	12/2/2008	m&p-Xylenes	<1	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	m&p-Xylenes	<1	ug/l	u		8260 B		08120127-06
MW-8	6/23/2009	m&p-Xylenes	<1	ug/l	u		8021 B		09061301-07
MW-8	6/23/2009	m&p-Xylenes	<1	ug/l	u		8021 B		09061301-09
MW-8	9/6/1989	Manganese	0.97	mg/l	v	0.002		Radian	
MW-8	12/12/1989	Manganese	1.40	mg/l	v	0.01		Radian	
MW-8	3/13/1990	Manganese	1.30	mg/l	v	0.01		Radian	
MW-8	6/12/1990	Manganese	1.60	mg/l	v	0.002		Radian	
MW-8	9/12/1990	Manganese	1.90	mg/l	v	0.002		Radian	
MW-8	12/5/1990	Manganese	1.80	mg/l	v			IEA	
MW-8	3/6/1991	Manganese	1.70	mg/l	v			IEA	
MW-8	6/5/1991	Manganese	1.90	mg/l	v			IEA	
MW-8	1/20/1992	Manganese	1.80	mg/l	v	0.01		IEA	
MW-8	11/5/1992	Manganese	2260.00	ug/l	v	15		Envirotech	
MW-8	3/26/1993	Manganese	2000.00	ug/l	v	15		Envirotech	
MW-8	10/29/1993	Manganese	2910.00	ug/l	v	15		Envirotech	
MW-8	3/7/1994	Manganese	2400.00	ug/l	v	15		Envirotech	
MW-8	6/21/1994	Manganese	2970.00	ug/l	v	15		Envirotech	
MW-8	12/13/1994	Manganese	2780.00	ug/l	v	15		Envirotech	
MW-8	6/29/1995	Manganese	5170.00	ug/l	v	15		Envirotech	
MW-8	12/11/1995	Manganese	2480.00	ug/l	v	15		Envirotech	
MW-8	6/18/1996	Manganese	2910.00	ug/l	v	15		Envirotech	
MW-8	12/10/1996	Manganese	2990.00	ug/l	v	15		Envirotech	
MW-8	6/18/1997	Manganese	2670.00	ug/l	v	15		UHL	
MW-8	12/9/1997	Manganese	2210.00	ug/l	v	15		UHL	
MW-8	8/18/1998	Manganese	3450.00	ug/l	v	15			
MW-8	12/10/1998	Manganese	3430.00	ug/l	v	15		UHL	
MW-8	12/15/1999	Manganese	3.06	ppm	v	0.01	6010B	SPLLAF	9912941-03
MW-8	12/14/2000	Manganese	2.61	ppm			SW-846 6010		
MW-8	12/14/2000	Manganese	2.77	ppm			SW-846 6010		
MW-8	12/10/2001	Manganese	2.36	mg/l			SW-846 6010		
MW-8	12/13/2002	Manganese	2.65	mg/l			6010 B		02120518-07
MW-8	12/2/2003	Manganese	3.02	mg/l			6010 B		03120155-09
MW-8	12/2/2003	Manganese	3.03	mg/l			6010 B		03120155-05
MW-8	12/1/2004	Manganese	0.45	mg/l			6010 B		04120075-05
MW-8	12/1/2004	Manganese	3.08	mg/l			6010 B		04120075-09
MW-8	12/13/2005	Manganese	2.73 J	mg/l	j		6010 B		05120626-04
MW-8	12/13/2005	Manganese	2.79 J	mg/l	j		6010 B		05120626-05
MW-8	12/19/2006	Manganese	3 J	mg/l	j		6010 B		06121018-05
MW-8	12/19/2006	Manganese	3 J	mg/l	j		6010 B		06121018-06
MW-8	12/4/2007	Manganese	3.33 J	mg/l	j		6020 A		07120184-06
MW-8	12/4/2007	Manganese	3.45 J	mg/l	j		6020 A		07120184-05
MW-8	12/2/2008	Manganese	3.08 J	mg/l	j		6020 A		08120127-05
MW-8	12/2/2008	Manganese	3.18 J	mg/l	j		6020 A		08120127-06
MW-8	12/1/2009	Manganese	3.20	mg/l			6010 B/6020 B		L434468-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/1/2009	Manganese	3.30	mg/l			6010 B/6020 B		L434468-06
MW-8	3/31/2011	Manganese	2.80	mg/l					L509030-03
MW-8	8/10/2011	Manganese	3.1 J	mg/l	j		6020		L530497-04
MW-8	8/10/2011	Manganese	3.1 J	mg/l	j		6020		L530497-06
MW-8	10/9/2012	Manganese	3 J	mg/l	j		6010 B/6020 B		L600034-06
MW-8	10/9/2012	Manganese	3.2 J	mg/l	j		6010 B/6020 B		L600034-05
MW-8	9/6/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-8	12/12/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-8	3/13/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-8	6/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-8	9/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-8	12/5/1990	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-8	3/6/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-8	6/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-8	9/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-8	1/20/1992	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-8	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	3/26/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	6/29/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	12/11/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-8	6/18/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-8	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-8	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-8	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-8	8/18/1998	Mercury	0.10	ug/l	u	0.10			
MW-8	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-8	6/10/1999	Mercury	0.20	ug/l	u	0.20		Pace	
MW-8	12/15/1999	Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLAF	9912941-03
MW-8	6/6/2000	Mercury	0.0002	mg/l	k	0.0002	7470 A	SPLLAF	0006308-05
MW-8	12/14/2000	Mercury	< 0.0002 uj	ppm	UJ		SW-846 7470		
MW-8	12/14/2000	Mercury	< 0.0002 uj	ppm	UJ		SW-846 7470		
MW-8	6/25/2001	Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-8	12/10/2001	Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-8	6/19/2002	Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-8	12/13/2002	Mercury	ND	mg/l	u		7470 A		02120518-07
MW-8	6/18/2003	Mercury	ND	mg/l	u		7470 A		03060775-05
MW-8	6/18/2003	Mercury	ND	mg/l	u		7470 A		03060775-09
MW-8	12/2/2003	Mercury	ND	mg/l	u		7470 A		03120155-05
MW-8	12/2/2003	Mercury	ND	mg/l	u		7470 A		03120155-09
MW-8	6/8/2004	Mercury	ND	mg/l	u		7470 A		04060338-06
MW-8	6/8/2004	Mercury	ND	mg/l	u		7470 A		04060338-09
MW-8	12/1/2004	Mercury	ND	mg/l	u		7470 A		04120075-05
MW-8	12/1/2004	Mercury	ND	mg/l	u		7470 A		04120075-09
MW-8	6/14/2005	Mercury	ND	mg/l	u		7470 A		05060699-05
MW-8	6/14/2005	Mercury	ND	mg/l	u		7470 A		05060699-09
MW-8	12/13/2005	Mercury	ND	mg/l	u		7470 A		05120626-04
MW-8	12/13/2005	Mercury	ND	mg/l	u		7470 A		05120626-05
MW-8	6/27/2006	Mercury	ND	mg/l	u		7470 A		
MW-8	6/27/2006	Mercury	ND	mg/l	u		7470 A		
MW-8	12/19/2006	Mercury	ND	mg/l	u		7470 A		06121018-05
MW-8	12/19/2006	Mercury	ND	mg/l	u		7470 A		06121018-06
MW-8	6/12/2007	Mercury	ND	mg/l	u		7470 A		07060670-07
MW-8	6/12/2007	Mercury	ND	mg/l	u		7470 A		07060670-09
MW-8	12/4/2007	Mercury	0.00005 UJ	mg/l	UJ		7470 A		07120184-05
MW-8	12/4/2007	Mercury	0.00005 UJ	mg/l	UJ		7470 A		07120184-06
MW-8	6/3/2008	Mercury	ND UJ	mg/l	UJ		7470 A		08060177-05
MW-8	6/3/2008	Mercury	ND UJ	mg/l	UJ		7470 A		08060177-08
MW-8	12/2/2008	Mercury	<0.000073	mg/l	u		7470 A		08120127-05
MW-8	12/2/2008	Mercury	<0.000073	mg/l	u		7470 A		08120127-06
MW-8	6/23/2009	Mercury	<0.000073	mg/l	u		7470 A		09061301-07
MW-8	6/23/2009	Mercury	<0.000073	mg/l	u		7470 A		09061301-09
MW-8	12/1/2009	Mercury	<0.0002	mg/l	u		7470 A		L434468-05
MW-8	12/1/2009	Mercury	<0.0002	mg/l	u		7470 A		L434468-06
MW-8	8/10/2011	Mercury	<0.0002	mg/l	u		7470 A		L530497-04
MW-8	8/10/2011	Mercury	<0.0002	mg/l	u		7470 A		L530497-06
MW-8	10/9/2012	Mercury	<0.0002 UJ	mg/l	UJ		7470 A		L600034-05
MW-8	10/9/2012	Mercury	<0.0002 UJ	mg/l	UJ		7470 A		L600034-06
MW-8	12/1/2009	Methyl Acetate	<20	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Methyl Acetate	<20	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Methyl Acetate	<20.0 UJ	ug/l	UJ		8260 B		L600034-05
MW-8	10/9/2012	Methyl Acetate	<20.0 UJ	ug/l	UJ		8260 B		L600034-06
MW-8	10/8/2013	Methyl Acetate	<20.0	ug/L	u	20			L662184-05
MW-8	12/1/2009	Methyl Cyclohexane	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Methyl Cyclohexane	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Methyl Cyclohexane	<1.0 R	ug/l	R		8260 B		L600034-05
MW-8	10/9/2012	Methyl Cyclohexane	<1.0 R	ug/l	R		8260 B		L600034-06
MW-8	10/8/2013	Methyl Cyclohexane	<1.0	ug/L	u				L662184-05
MW-8	9/6/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-8	10/2/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-8	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-8	12/12/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-8	3/13/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-8	6/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	9/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-8	12/5/1990	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-8	3/6/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-8	6/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-8	9/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-8	1/20/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-8	3/26/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	10/29/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	6/29/1995	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-8	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-8	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-8	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-8	8/18/1998	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-8	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-8	12/15/1999	Methyl ethyl ketone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-03
MW-8	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-05
MW-8	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-08
MW-8	12/1/2009	Methyl tert-butyl ether	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Methyl tert-butyl ether	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Methyl tert-butyl ether	<1.0	ug/L	u	1			L662184-05
MW-8	9/6/1989	Methylene chloride	10.00	ug/l	v	5		Radian	
MW-8	10/2/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-8	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-8	12/12/1989	Methylene chloride	3.50	ug/l	jvb	5		Radian	
MW-8	3/13/1990	Methylene chloride	7.50	ug/l	bv	5		Radian	
MW-8	6/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-8	9/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-8	12/5/1990	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-8	3/6/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-8	6/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-8	9/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-8	1/20/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-8	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	3/26/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	10/29/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	6/29/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-8	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-8	12/9/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-8	8/18/1998	Methylene chloride	5.00	ug/l	u	5			
MW-8	12/10/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-8	12/15/1999	Methylene chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Methylene chloride	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Methylene chloride	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Methylene chloride	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Methylene chloride	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Methylene chloride	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Methylene chloride	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Methylene chloride	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Methylene chloride	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Methylene chloride	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Methylene chloride	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Methylene chloride	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Methylene chloride	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Methylene chloride	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Methylene chloride	<5	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Methylene chloride	<5	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Methylene chloride	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Methylene chloride	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Methylene chloride	<5.0	ug/L	u	5			L662184-05
MW-8	10/2/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-8	11/16/1989	Naphthalene (SVOA)	10.00	ug/l	u	10		Radian	
MW-8	3/6/1991	Naphthalene (SVOA)	10.00	ug/l	u*	10		IEA	
MW-8	9/5/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-8	1/20/1992	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-8	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-8	3/26/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-8	10/29/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-8	3/7/1994	Naphthalene (SVOA)	11.00	ug/l	u	11		Envirotech	
MW-8	6/21/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-8	12/13/1994	Naphthalene (SVOA)	0.30	ug/l	jv	10		Envirotech	
MW-8	6/29/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-8	12/11/1995	Naphthalene (SVOA)	0.40	ug/l	jv	10		Envirotech	
MW-8	6/18/1996	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-8	12/10/1996	Naphthalene (SVOA)	10.00	ug/l	u	10			

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	6/18/1997	Naphthalene (SVOA)	10.40	ug/l	u	10.40			
MW-8	12/9/1997	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-8	8/18/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-8	12/10/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-8	6/10/1999	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-8	9/6/1989	Nitrate/Nitrite	0.02	mg/l	u	0.02			
MW-8	12/12/1989	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-8	3/13/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-8	6/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-8	9/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-8	12/5/1990	Nitrate/Nitrite	0.10	mg/l	u	0.10		IEA	
MW-8	3/6/1991	Nitrate/Nitrite	0.02	mg/l	v				
MW-8	6/5/1991	Nitrate/Nitrite	0.02	mg/l	u	0.02		IEA	
MW-8	6/10/1999	o-Xylene	5.00	ug/l	u	5			
MW-8	12/15/1999	o-Xylene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-07
MW-8	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-05
MW-8	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-09
MW-8	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-09
MW-8	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-06
MW-8	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-09
MW-8	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-09
MW-8	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-05
MW-8	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-09
MW-8	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-05
MW-8	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-8	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-8	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-06
MW-8	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-07
MW-8	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-09
MW-8	12/4/2007	o-Xylene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	o-Xylene	ND	ug/l	u		8260 B		07120184-06
MW-8	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-05
MW-8	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-08
MW-8	12/2/2008	o-Xylene	<1	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	o-Xylene	<1	ug/l	u		8260 B		08120127-06
MW-8	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-07
MW-8	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-09
MW-8	3/31/2011	pH	6.10	s. u.					L509030-03
MW-8	10/2/1989	Phenanthrene	10.00	ug/l	u	10		Radian	
MW-8	11/16/1989	Phenanthrene	10.00	ug/l	u	10		Radian	
MW-8	3/6/1991	Phenanthrene	10.00	ug/l	u*	10		IEA	
MW-8	9/5/1991	Phenanthrene	10.00	ug/l	u	10			
MW-8	1/20/1992	Phenanthrene	10.00	ug/l	u	10			
MW-8	11/5/1992	Phenanthrene	10.00	ug/l	u	10			
MW-8	3/26/1993	Phenanthrene	10.00	ug/l	u	10			
MW-8	10/29/1993	Phenanthrene	10.00	ug/l	u	10			
MW-8	3/7/1994	Phenanthrene	11.00	ug/l	u	11			
MW-8	6/21/1994	Phenanthrene	10.00	ug/l	u	10			
MW-8	12/13/1994	Phenanthrene	0.20	ug/l	jv	10			
MW-8	6/29/1995	Phenanthrene	10.00	ug/l	u	10			
MW-8	12/11/1995	Phenanthrene	10.00	ug/l	u	10			
MW-8	6/18/1996	Phenanthrene	10.00	ug/l	u	10			
MW-8	12/10/1996	Phenanthrene	10.00	ug/l	u	10			
MW-8	6/18/1997	Phenanthrene	10.40	ug/l	u	10.40			
MW-8	12/9/1997	Phenanthrene	10.00	ug/l	u	10			
MW-8	8/18/1998	Phenanthrene	10.00	ug/l	u	10			
MW-8	12/10/1998	Phenanthrene	10.00	ug/l	u	10			
MW-8	6/10/1999	Phenanthrene	10.00	ug/l	u	10			
MW-8	10/2/1989	Phenol	10.00	ug/l	u	10		Radian	
MW-8	11/16/1989	Phenol	10.00	ug/l	u	10		Radian	
MW-8	3/6/1991	Phenol	10.00	ug/l	u*	10		IEA	
MW-8	9/5/1991	Phenol	10.00	ug/l	u	10			
MW-8	1/20/1992	Phenol	10.00	ug/l	u	10			
MW-8	11/5/1992	Phenol	10.00	ug/l	u	10			
MW-8	3/26/1993	Phenol	10.00	ug/l	u	10			
MW-8	10/29/1993	Phenol	10.00	ug/l	u	10			
MW-8	3/7/1994	Phenol	11.00	ug/l	u	11			
MW-8	6/21/1994	Phenol	10.00	ug/l	u	10			
MW-8	12/13/1994	Phenol	10.00	ug/l	u	10			
MW-8	6/29/1995	Phenol	10.00	ug/l	u	10			
MW-8	12/11/1995	Phenol	0.60	ug/l	jv	10			
MW-8	6/18/1996	Phenol	10.00	ug/l	u	10			
MW-8	12/10/1996	Phenol	10.00	ug/l	u	10			
MW-8	6/18/1997	Phenol	10.40	ug/l	u	10.40			
MW-8	12/9/1997	Phenol	10.00	ug/l	u	10			
MW-8	8/18/1998	Phenol	10.00	ug/l	u	10			
MW-8	12/10/1998	Phenol	10.00	ug/l	u	10			
MW-8	6/10/1999	Phenol	10.00	ug/l	u	10			
MW-8	9/6/1989	Selenium	0.0040	mg/l	u	0.004		Radian	
MW-8	12/12/1989	Selenium	0.0020	mg/l	u	0.002		Radian	
MW-8	3/13/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-8	6/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	9/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-8	12/5/1990	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-8	3/6/1991	Selenium	0.0050	mg/l	u	0.005			
MW-8	6/5/1991	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-8	9/6/1989	Silver	0.01	mg/l	u	0.007		Radian	
MW-8	12/12/1989	Silver	0.01	mg/l	u	0.01		Radian	
MW-8	3/13/1990	Silver	0.01	mg/l	u	0.01		Radian	
MW-8	6/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-8	9/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-8	12/5/1990	Silver	0.05	mg/l	u	0.05		IEA	
MW-8	3/6/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-8	6/5/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-8	9/6/1989	Sodium	11.00	mg/l	v	0.028999999		Radian	
MW-8	12/12/1989	Sodium	13.00	mg/l	v	1		Radian	
MW-8	3/13/1990	Sodium	13.00	mg/l	v	1		Radian	
MW-8	6/12/1990	Sodium	10.00	mg/l	v	0.028999999		Radian	
MW-8	9/12/1990	Sodium	13.00	mg/l	v	0.028999999		Radian	
MW-8	12/5/1990	Sodium	9.90	mg/l	v			IEA	
MW-8	3/6/1991	Sodium	12.00	mg/l	v			IEA	
MW-8	6/5/1991	Sodium	11.00	mg/l	v			IEA	
MW-8	12/15/1999	Styrene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Styrene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Styrene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Styrene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Styrene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Styrene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Styrene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Styrene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Styrene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Styrene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Styrene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Styrene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Styrene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Styrene	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Styrene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Styrene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Styrene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Styrene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Styrene	<1.0	ug/L	u	1			L662184-05
MW-8	9/6/1989	Sulfate	5.30	mg/l	v				
MW-8	12/12/1989	Sulfate	9.00	mg/l	v	0.05		Radian	
MW-8	3/13/1990	Sulfate	5.30	mg/l	v	0.050		Radian	
MW-8	6/12/1990	Sulfate	6.60	mg/l	v	0.050		Radian	
MW-8	9/12/1990	Sulfate	9.40	mg/l	v	0.050		Radian	
MW-8	12/5/1990	Sulfate	5.10	mg/l	v			IEA	
MW-8	3/6/1991	Sulfate	6.10	mg/l	v				
MW-8	6/5/1991	Sulfate	10.00	mg/l	v			IEA	
MW-8	12/15/1999	Tetrachloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	Tetrachloroethene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Tetrachloroethene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Tetrachloroethene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Tetrachloroethene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Tetrachloroethene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Tetrachloroethene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Tetrachloroethene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Tetrachloroethene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Tetrachloroethene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Tetrachloroethene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Tetrachloroethene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Tetrachloroethene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Tetrachloroethene	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Tetrachloroethene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Tetrachloroethene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Tetrachloroethene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Tetrachloroethene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Tetrachloroethene	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Toluene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	6/6/2000	Toluene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-05
MW-8	6/25/2001	Toluene	<1	ug/l	u		SW-846 8021		
MW-8	6/19/2002	Toluene	<0.05	ug/l	u		SW-846 8021		
MW-8	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-07
MW-8	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-05
MW-8	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-09
MW-8	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-09
MW-8	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-06
MW-8	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-09
MW-8	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-09
MW-8	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-05
MW-8	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-09
MW-8	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-05
MW-8	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-8	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-8	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-07
MW-8	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-09
MW-8	12/4/2007	Toluene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Toluene	ND	ug/l	u		8260 B		07120184-06
MW-8	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-05
MW-8	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-08
MW-8	12/2/2008	Toluene	<1	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Toluene	<1	ug/l	u		8260 B		08120127-06
MW-8	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-07
MW-8	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-09
MW-8	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-06
MW-8	8/10/2011	Toluene	< 5	ug/l	u		8021 B		L530497-04
MW-8	8/10/2011	Toluene	< 5	ug/l	u		8021 B		L530497-06
MW-8	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Toluene	<5.0	ug/L	u	5			L662184-05
MW-8	10/8/2013	Total Barium	0.28	mg/L					L662184-05
MW-8	10/8/2013	Total Cadmium	0.0062 J	mg/L	j				L662184-05
MW-8	10/8/2013	Total Chromium	0.010	mg/L					L662184-05
MW-8	3/6/1991	Total dissolved solids	360.00	mg/l	v			IEA	
MW-8	10/8/2013	Total Iron	26	mg/L					L662184-05
MW-8	12/10/2014	Total Iron	1.9	mg/L					L738573-08
MW-8	9/3/2015	Total Iron	2.25	mg/L					L787147-08
MW-8	6/8/2016	Total Iron	1.5	mg/L					L840417-08
MW-8	3/8/2017	Total Iron	1.98	mg/L					L894955-08
MW-8	6/18/2020	Total Iron	1.13	mg/L					L1231176-08
MW-8	10/8/2013	Total Lead	0.0054 J	mg/L	j				L662184-05
MW-8	10/8/2013	Total Manganese	4.0 J	mg/L	j				L662184-05
MW-8	12/10/2014	Total Manganese	2.6	mg/L					L738573-08
MW-8	9/3/2015	Total Manganese	3.02	mg/L					L787147-08
MW-8	6/8/2016	Total Manganese	3.21	mg/L					L840417-08
MW-8	3/8/2017	Total Manganese	3.6	mg/L					L894955-08
MW-8	6/18/2020	Total Manganese	3.86	mg/L					L1231176-08
MW-8	10/8/2013	Total Mercury	<0.0002 UJ	mg/L	u j	0.0002 UJ			L662184-05
MW-8	9/6/1989	Total organic carbon	45.00	mg/l	v				
MW-8	11/16/1989	Total organic carbon	30.00	mg/l	v			Radian	
MW-8	12/12/1989	Total organic carbon	29.00	mg/l	v	1		Radian	
MW-8	3/13/1990	Total organic carbon	53.00	mg/l	v	1		Radian	
MW-8	6/12/1990	Total organic carbon	41.00	mg/l	v	1		Radian	
MW-8	9/12/1990	Total organic carbon	39.00	mg/l	v	1		Radian	
MW-8	12/5/1990	Total organic carbon	35.00	mg/l	v			IEA	
MW-8	3/6/1991	Total organic carbon	29.00	mg/l	v				
MW-8	6/5/1991	Total organic carbon	30.00	mg/l	v			IEA	
MW-8	3/31/2011	Total Organic Carbon	23.00	mg/l					L509030-03
MW-8	9/6/1989	Total organic halides	0.04	mg/l	v	0.02		Radian	
MW-8	11/16/1989	Total organic halides	0.02	mg/l	v	0.01		Radian	
MW-8	12/12/1989	Total organic halides	0.13	mg/l	v	0.01		Radian	
MW-8	3/13/1990	Total organic halides	0.06	mg/l	v	0.01		Radian	
MW-8	6/12/1990	Total organic halides	0.10	mg/l	v	0.01		Radian	
MW-8	9/12/1990	Total organic halides	0.30	mg/l	v	0.01		Radian	
MW-8	12/5/1990	Total organic halides	0.04	mg/l	v			IEA	
MW-8	3/6/1991	Total organic halides	0.04	mg/l	v				
MW-8	6/5/1991	Total organic halides	0.04	mg/l	v			IEA	
MW-8	9/6/1989	Total phenolics	0.01	ug/l	v				
MW-8	12/12/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-8	3/13/1990	Total phenolics	0.03	ug/l	v	0.005		Radian	
MW-8	6/12/1990	Total phenolics	0.07	ug/l	v	0.005		Radian	
MW-8	9/12/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-8	12/5/1990	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-8	3/6/1991	Total phenolics	0.0050	ug/l	u	0.005			
MW-8	6/5/1991	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-8	3/31/2011	Total Suspended Solids	11.00	mg/l					L509030-03
MW-8	12/15/1999	trans-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	trans-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	trans-1,2-Dichloroethene	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	trans-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	trans-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	trans-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-03
MW-8	12/13/2002	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/1/2004	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	trans-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	trans-1,3-Dichloropropene	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	trans-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	trans-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Trichloroethene	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-03
MW-8	12/13/2002	Trichloroethene	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Trichloroethene	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Trichloroethene	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Trichloroethene	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Trichloroethene	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Trichloroethene	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Trichloroethene	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Trichloroethene	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Trichloroethene	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Trichloroethene	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Trichloroethene	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Trichloroethene	<5	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Trichloroethene	<5	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Trichloroethene	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Trichloroethene	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Trichloroethene	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Trichloroethene	<1.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Trichloroethene	<1.0	ug/L	u	1			L662184-05
MW-8	12/1/2009	Trichlorofluoromethane	<5 UJ	ug/l	UJ		8260 B		L434468-05
MW-8	12/1/2009	Trichlorofluoromethane	<5 UJ	ug/l	UJ		8260 B		L434468-06
MW-8	10/9/2012	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Trichlorofluoromethane	<5.0	ug/L	u	5			L662184-05
MW-8	9/6/1989	Trichlorofluoromethane	9.00	ug/l	v	5		Radian	
MW-8	10/2/1989	Trichlorofluoromethane	5.00	ug/l	u	5		Radian	
MW-8	11/16/1989	Trichlorofluoromethane	5.00	ug/l	u	5		Radian	
MW-8	12/12/1989	Trichlorofluoromethane	5.00	ug/l	u	5		Radian	
MW-8	3/13/1990	Trichlorofluoromethane	5.00	ug/l	u	5		Radian	
MW-8	6/12/1990	Trichlorofluoromethane	5.00	ug/l	u	5		Radian	
MW-8	9/12/1990	Trichlorofluoromethane	5.00	ug/l	u	5		Radian	
MW-8	11/5/1992	Trichlorofluoromethane	5.00	ug/l	u	5		Envirotech	
MW-8	10/29/1993	Trichlorofluoromethane	5.00	ug/l	u	5		Envirotech	
MW-8	12/15/1999	Trichlorofluoromethane	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-03
MW-8	10/8/2013	Vinyl chloride	<1.0	ug/L	u	1			L662184-05
MW-8	12/15/1999	Vinyl acetate	10.00	ug/l	u	10	8260B	SPL-LAF	9912941-03
MW-8	12/15/1999	Vinyl chloride	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-03
MW-8	12/13/2002	Vinyl chloride	ND	ug/l	u		8260 B		02120518-07
MW-8	12/2/2003	Vinyl chloride	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Vinyl chloride	ND	ug/l	u		8260 B		03120155-09
MW-8	12/1/2004	Vinyl chloride	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Vinyl chloride	ND	ug/l	u		8021 B		04120075-09
MW-8	12/13/2005	Vinyl chloride	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Vinyl chloride	ND	ug/l	u		8021 B		05120626-05
MW-8	12/19/2006	Vinyl chloride	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Vinyl chloride	ND	ug/l	u		8260 B		06121018-06
MW-8	12/4/2007	Vinyl chloride	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Vinyl chloride	ND	ug/l	u		8260 B		07120184-06
MW-8	12/2/2008	Vinyl chloride	<10	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Vinyl chloride	<10	ug/l	u		8260 B		08120127-06
MW-8	12/1/2009	Vinyl chloride	<1	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Vinyl chloride	<1	ug/l	u		8260 B		L434468-06
MW-8	10/9/2012	Vinyl chloride	<1.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Vinyl chloride	<1.0	ug/l	u		8260 B		L600034-06
MW-8	9/6/1989	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	10/2/1989	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	11/16/1989	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	12/12/1989	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	3/13/1990	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	6/12/1990	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	9/12/1990	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	12/5/1990	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	3/6/1991	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	6/5/1991	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	9/5/1991	Xylenes, Total	5.00	ug/l	u	5		IEA	
MW-8	1/20/1992	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	11/5/1992	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	3/26/1993	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	10/29/1993	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	3/7/1994	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	6/21/1994	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	12/13/1994	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	6/29/1995	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-8	12/11/1995	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	6/18/1996	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	12/10/1996	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	6/18/1997	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	12/9/1997	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	8/18/1998	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	12/10/1998	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	
MW-8	6/10/1999	Xylenes, Total	1.00	ug/l	u	1		Pace	
MW-8	12/15/1999	Xylenes, Total	5.00	ug/l	u	5	8260B	SPL-LA	9912941-03
MW-8	6/6/2000	Xylenes, Total	1.00	ug/l	u	1	8021B	SPL-LA	0006308-05
MW-8	6/25/2001	Xylenes, Total	<1	ug/l	u		SW-846 8021		
MW-8	6/19/2002	Xylenes, Total	<0.15	ug/l	u		SW-846 8021		
MW-8	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-07
MW-8	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-05
MW-8	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-09
MW-8	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-05
MW-8	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-09
MW-8	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-06
MW-8	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-09
MW-8	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-05
MW-8	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-09
MW-8	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-05
MW-8	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-09
MW-8	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-04
MW-8	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-05
MW-8	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-8	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-8	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-05
MW-8	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-06
MW-8	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-07
MW-8	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-09
MW-8	12/4/2007	Xylenes, Total	ND	ug/l	u		8260 B		07120184-05
MW-8	12/4/2007	Xylenes, Total	ND	ug/l	u		8260 B		07120184-06
MW-8	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-05
MW-8	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-08
MW-8	12/2/2008	Xylenes, Total	<1	ug/l	u		8260 B		08120127-05
MW-8	12/2/2008	Xylenes, Total	<1	ug/l	u		8260 B		08120127-06
MW-8	6/23/2009	Xylenes, Total	<1	ug/l	u		8021 B		09061301-07
MW-8	6/23/2009	Xylenes, Total	<1	ug/l	u		8021 B		09061301-09
MW-8	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-05
MW-8	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-06
MW-8	8/10/2011	Xylenes, Total	<3	ug/l	u		8021 B		L530497-04
MW-8	8/10/2011	Xylenes, Total	<3	ug/l	u		8021 B		L530497-06
MW-8	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-05
MW-8	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-06
MW-8	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-05
MW-8	3/6/1991	Zinc	0.03	mg/l	v			IEA	
MW-9	12/14/1999	1,1,1-Trichloroethane	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-04
MW-9	12/13/2002	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	1,1,1-Trichloroethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	1,1,1-Trichloroethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	1,1,1-Trichloroethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	1,1,2,2-Tetrachloroethane	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-04
MW-9	12/13/2002	1,1,2,2-Tetrachloroethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	1,1,2,2-Tetrachloroethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	1,1,2,2-Tetrachloroethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	1,1,2,2-Tetrachloroethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	1,1,2,2-Tetrachloroethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	1,1,2,2-Tetrachloroethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,1,2,2-Tetrachloroethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	1,1,2-Trichloroethane	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-04
MW-9	12/13/2002	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	1,1,2-Trichloroethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	1,1,2-Trichloroethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	1,1,2-Trichloroethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-04
MW-9	12/13/2002	1,1-Dichloroethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	1,1-Dichloroethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	1,1-Dichloroethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	1,1-Dichloroethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	1,1-Dichloroethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	1,1-Dichloroethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,1-Dichloroethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPL-LAF	9912941-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/13/2002	1,1-Dichloroethene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	1,1-Dichloroethene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	1,1-Dichloroethene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	1,1-Dichloroethene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	1,1-Dichloroethene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	1,1-Dichloroethene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,1-Dichloroethene	<1.0	ug/l	u	1			L662184-07
MW-9	12/1/2009	1,2,3-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L662184-07
MW-9	12/1/2009	1,2,4-Trichlorobenzene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L662184-07
MW-9	12/1/2009	1,2-Dibromo-3-Chloropropane	<5 UJ	ug/l	UJ		8260 B		L434468-07
MW-9	10/9/2012	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L662184-07
MW-9	12/1/2009	1,2-Dibromoethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,2-Dibromoethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/1/2009	1,2-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260 B	SPLLAF	9912941-04
MW-9	12/13/2002	1,2-Dichloroethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	1,2-Dichloroethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	1,2-Dichloroethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	1,2-Dichloroethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	1,2-Dichloroethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	1,2-Dichloroethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,2-Dichloroethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	1,2-Dichloroethene (total)	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	1,2-Dichloroethene (total)	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	1,2-Dichloroethene (total)	ND	ug/l	u		8260 B		06121018-07
MW-9	12/14/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/1/2009	1,2-Dichloropropane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,2-Dichloropropane	<1.0	ug/L	u	1			L662184-07
MW-9	12/1/2009	1,3-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L662184-07
MW-9	12/1/2009	1,4-Dichlorobenzene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L662184-07
MW-9	12/13/2002	2-Butanone	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	2-Butanone	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	2-Butanone	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	2-Butanone	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	2-Butanone	ND UJ	ug/l	UJ		8260 B		06121018-07
MW-9	12/1/2009	2-Butanone (MEK)	<10 R	ug/l	R		8260 B		L434468-07
MW-9	10/9/2012	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	2-Butanone (MEK)	<10.0 UJ	ug/L	u j	10.0 UJ			L662184-07
MW-9	12/14/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	2-Hexanone	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	2-Hexanone	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	2-Hexanone	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	2-Hexanone	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	2-Hexanone	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	2-Hexanone	<10	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	2-Hexanone	<10.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	2-Hexanone	<10.0	ug/L	u	10			L662184-07
MW-9	11/16/1989	2-Methylnaphthalene	19.00	ug/l	v	10		Radian	
MW-9	3/6/1991	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	9/5/1991	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	1/20/1992	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	10/29/1993	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	3/7/1994	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	6/21/1994	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	12/13/1994	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	6/29/1995	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	12/11/1995	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	6/18/1996	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	12/10/1996	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	6/18/1997	2-Methylnaphthalene	10.60	ug/l	u	10.60			
MW-9	12/9/1997	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	8/18/1998	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	12/10/1998	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	6/10/1999	2-Methylnaphthalene	10.00	ug/l	u	10			
MW-9	12/14/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	4-Methyl-2-pentanone	ND	ug/l	u		8021 B		05120626-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/19/2006	4-Methyl-2-pentanone	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	4-Methyl-2-pentanone	<10	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L662184-07
MW-9	11/16/1989	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	3/6/1991	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	9/5/1991	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	1/20/1992	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	10/29/1993	4-Methylphenol (p-cresol)	1.90	ug/l	jv	10			
MW-9	3/7/1994	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	6/21/1994	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	12/13/1994	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	6/29/1995	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	12/11/1995	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	6/18/1996	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	12/10/1996	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	6/18/1997	4-Methylphenol (p-cresol)	10.60	ug/l	u	10.60			
MW-9	12/9/1997	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	8/18/1998	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	12/10/1998	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	6/10/1999	4-Methylphenol (p-cresol)	10.00	ug/l	u	10			
MW-9	11/16/1989	Acetone	100.00	ug/l	u	100		Radian	
MW-9	12/12/1989	Acetone	86.00	ug/l	bv	10		Radian	
MW-9	3/13/1990	Acetone	5.90	ug/l	jvb	10		Radian	
MW-9	6/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-9	9/12/1990	Acetone	10.00	ug/l	u	10		Radian	
MW-9	12/5/1990	Acetone	100.00	ug/l	u	100		IEA	
MW-9	3/6/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-9	6/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-9	9/5/1991	Acetone	100.00	ug/l	u	100		IEA	
MW-9	1/20/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-9	3/26/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	10/29/1993	Acetone	8.40	ug/l	jv	10		Envirotech	
MW-9	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	6/21/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	6/29/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-9	12/9/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-9	8/18/1998	Acetone	10.00	ug/l	u	10			
MW-9	12/10/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-9	12/14/1999	Acetone	100.00	ug/l	u	100	8260B	SPLLA	9912941-04
MW-9	12/13/2002	Acetone	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Acetone	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Acetone	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Acetone	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Acetone	ND R	ug/l	u R		8260 B		06121018-07
MW-9	12/1/2009	Acetone	<50	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Acetone	<50.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Acetone	<50.0 UJ	ug/L	u j	50.0 UJ			L662184-07
MW-9	12/12/1989	Arsenic	0.011	mg/l	v	0.002		Radian	
MW-9	3/13/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-9	6/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-9	9/12/1990	Arsenic	0.0040	mg/l	u	0.004		Radian	
MW-9	12/5/1990	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-9	3/6/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-9	6/5/1991	Arsenic	0.0050	mg/l	u	0.005		IEA	
MW-9	12/12/1989	Barium	0.069	mg/l	v	0.01		Radian	
MW-9	3/13/1990	Barium	0.034	mg/l	v	0.01		Radian	
MW-9	6/12/1990	Barium	0.250	mg/l	v	0.002		Radian	
MW-9	9/12/1990	Barium	0.130	mg/l	v	0.002		Radian	
MW-9	12/5/1990	Barium	0.10	mg/l	u	0.10		IEA	
MW-9	3/6/1991	Barium	0.10	mg/l	u	0.10		IEA	
MW-9	6/5/1991	Barium	0.10	mg/l	u	0.10		IEA	
MW-9	1/20/1992	Barium	0.160	mg/l	v	0.100		IEA	
MW-9	11/4/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	3/26/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/29/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-9	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-9	8/18/1998	Barium	200.00	ug/l	u	200			
MW-9	12/10/1998	Barium	200.00	ug/l	u	200		UHL	
MW-9	12/14/1999	Barium	0.034	mg/l	v	0.01	6010B	SPLLA	9912941-04
MW-9	12/14/2000	Barium	0.018	ppm			SW-846 6010		
MW-9	12/10/2001	Barium	0.038	mg/l			SW-846 6010		
MW-9	12/13/2002	Barium	0.042	mg/l			6010 B		02120518-08
MW-9	12/2/2003	Barium	0.0333 U	mg/l	u		6010 B		03120155-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/1/2004	Barium	0.032	mg/l			6010 B		04120075-06
MW-9	12/13/2005	Barium	0.031 J	mg/l	j		6010 B		05120626-06
MW-9	12/19/2006	Barium	0.0362 J	mg/l	j		6010 B		06121018-07
MW-9	12/1/2009	Barium	0.027	mg/l			6010 B/6020 B		L434468-07
MW-9	10/9/2012	Barium	0.033 J	mg/l	j		6010 B/6020 B		L600034-07
MW-9	11/16/1989	Benzene	170.00	ug/l	v			Radian	
MW-9	12/12/1989	Benzene	4.40	ug/l	u	4.40		Radian	
MW-9	3/13/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-9	6/12/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-9	9/12/1990	Benzene	4.40	ug/l	u	4.40		Radian	
MW-9	12/5/1990	Benzene	5.00	ug/l	u	5		IEA	
MW-9	3/6/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-9	6/5/1991	Benzene	5.00	ug/l	u	5		IEA	
MW-9	9/5/1991	Benzene	5.00	ug/l	v	5		IEA	
MW-9	1/20/1992	Benzene	7.00	ug/l	v	5		IEA	
MW-9	11/4/1992	Benzene	7.00	ug/l	v	5		Envirotech	
MW-9	3/26/1993	Benzene	6.00	ug/l	v	5		Envirotech	
MW-9	10/29/1993	Benzene	2.20	ug/l	jv	5		Envirotech	
MW-9	3/7/1994	Benzene	5.70	ug/l	v	5		Envirotech	
MW-9	6/21/1994	Benzene	3.10	ug/l	jv	5		Envirotech	
MW-9	12/13/1994	Benzene	3.90	ug/l	jv	5		Envirotech	
MW-9	6/29/1995	Benzene	2.40	ug/l	jv	5		Envirotech	
MW-9	12/11/1995	Benzene	1.60	ug/l	jv	5		Envirotech	
MW-9	6/18/1996	Benzene	1.20	ug/l	jv	5		Envirotech	
MW-9	12/10/1996	Benzene	1.50	ug/l	jv	5		Envirotech	
MW-9	6/18/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-9	12/9/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-9	8/18/1998	Benzene	5.00	ug/l	u	5			
MW-9	12/10/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-9	6/10/1999	Benzene	1.00	ug/l	u	1		Pace	
MW-9	12/14/1999	Benzene	1.00	ug/l	u	1	8260B	SPLLAF	9912941-04
MW-9	6/6/2000	Benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-06
MW-9	12/14/2000	Benzene	<1	ppb	u		SW-846 8260		
MW-9	6/25/2001	Benzene	< 1	ug/l	u		SW-846 8021		
MW-9	12/10/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-9	6/19/2002	Benzene	0.0576 j	ug/l	j		SW-846 8021		
MW-9	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-08
MW-9	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-06
MW-9	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-06
MW-9	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-05
MW-9	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-06
MW-9	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-06
MW-9	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-06
MW-9	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-9	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-07
MW-9	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-05
MW-9	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-06
MW-9	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-05
MW-9	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-07
MW-9	8/10/2011	Benzene	< 1 UJ	ug/l	UJ		8021 B		L530497-05
MW-9	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-07
MW-9	11/16/1989	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Radian	
MW-9	3/6/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-9	9/5/1991	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-9	1/20/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-9	11/4/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	3/26/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	10/29/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	3/7/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	6/21/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	6/29/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	12/11/1995	bis(2-Ethylhexyl)phthalate	2.40	ug/l	jv	10		Envirotech	
MW-9	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	12/10/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1997	bis(2-Ethylhexyl)phthalate	10.60	ug/l	u	10.60		UHL	
MW-9	12/9/1997	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-9	8/18/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-9	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-9	6/10/1999	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10			
MW-9	12/1/2009	Bromochloromethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Bromochloromethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Bromochloromethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Bromodichloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Bromodichloromethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Bromodichloromethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Bromodichloromethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Bromodichloromethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Bromodichloromethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Bromodichloromethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Bromodichloromethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Bromodichloromethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Bromoform	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Bromoform	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Bromoform	ND	ug/l	u		8021 B		04120075-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/13/2005	Bromoform	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Bromoform	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Bromoform	<1 UJ	ug/l	UJ		8260 B		L434468-07
MW-9	10/9/2012	Bromoform	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Bromoform	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Bromomethane	10.00	ug/l	u	10	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Bromomethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Bromomethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Bromomethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Bromomethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Bromomethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Bromomethane	<5	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Bromomethane	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Bromomethane	<5.0	ug/L	u	5			L662184-07
MW-9	12/12/1989	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-9	3/13/1990	Cadmium	0.005	mg/l	u	0.005		Radian	
MW-9	6/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-9	9/12/1990	Cadmium	0.004	mg/l	u	0.004		Radian	
MW-9	12/5/1990	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-9	3/6/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-9	6/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-9	9/5/1991	Cadmium	0.01	mg/l	u	0.01		IEA	
MW-9	1/20/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-9	11/4/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	3/26/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/29/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-9	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-9	8/18/1998	Cadmium	5.00	ug/l	u	5			
MW-9	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-9	6/10/1999	Cadmium	5.00	ug/l	u	5		Pace	
MW-9	12/14/1999	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLAF	9912941-04
MW-9	6/6/2000	Cadmium	0.01	mg/l	u	0.01	6010B	SPLLAF	0006308-06
MW-9	12/14/2000	Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-9	6/25/2001	Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-9	12/10/2001	Cadmium	<0.005	mg/l	u		SW-846 6010		
MW-9	6/19/2002	Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-9	12/13/2002	Cadmium	ND	mg/l	u		6010 B		02120518-08
MW-9	6/18/2003	Cadmium	ND	mg/l	u		6010 B		03060775-06
MW-9	12/2/2003	Cadmium	ND	mg/l	u		6010 B		03120155-06
MW-9	6/8/2004	Cadmium	ND	mg/l	u		6010 B		04060338-05
MW-9	12/1/2004	Cadmium	ND	mg/l	u		6010 B		04120075-06
MW-9	6/14/2005	Cadmium	ND	mg/l	u		6010 B		05060699-06
MW-9	12/13/2005	Cadmium	ND	mg/l	u		6010 B		05120626-06
MW-9	6/27/2006	Cadmium	ND	mg/l	u		6010 B		
MW-9	12/19/2006	Cadmium	ND	mg/l	u		6010 B		06121018-07
MW-9	6/12/2007	Cadmium	ND	mg/l	u		6010 B		07060670-05
MW-9	6/3/2008	Cadmium	ND	mg/l	u		6020		08060177-06
MW-9	6/23/2009	Cadmium	<0.0026	mg/l	u		6020		09061301-05
MW-9	12/1/2009	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-07
MW-9	8/10/2011	Cadmium	0.00056 J	mg/l	j		6020		L530497-05
MW-9	10/9/2012	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L600034-07
MW-9	11/16/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-9	12/12/1989	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-9	3/13/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-9	6/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-9	9/12/1990	Carbon disulfide	5.00	ug/l	u	5		Radian	
MW-9	12/5/1990	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-9	3/6/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-9	6/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-9	9/5/1991	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-9	1/20/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-9	3/26/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-9	10/29/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-9	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-9	6/21/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-9	6/29/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-9	12/11/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-9	12/10/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-9	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-9	8/18/1998	Carbon disulfide	10.00	ug/l	u	10			
MW-9	12/10/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-9	12/14/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Carbon disulfide	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Carbon disulfide	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Carbon disulfide	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Carbon disulfide	ND	ug/l	u		8021 B		05120626-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/19/2006	Carbon disulfide	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Carbon disulfide	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Carbon disulfide	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Carbon disulfide	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Carbon tetrachloride	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Carbon tetrachloride	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Carbon tetrachloride	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Carbon tetrachloride	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Carbon tetrachloride	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Carbon tetrachloride	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Carbon tetrachloride	<1.0	ug/L	u	1			L662184-07
MW-9	12/12/1989	Chloride	13.00	mg/l	v	0.02		Radian	
MW-9	3/13/1990	Chloride	7.90	mg/l	v	0.02		Radian	
MW-9	6/12/1990	Chloride	8.30	mg/l	v	0.02		Radian	
MW-9	9/12/1990	Chloride	12.00	mg/l	v	0.02		Radian	
MW-9	12/5/1990	Chloride	11.00	mg/l	v			IEA	
MW-9	3/6/1991	Chloride	9.80	mg/l	v				
MW-9	6/5/1991	Chloride	9.40	mg/l	v			IEA	
MW-9	12/14/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Chlorobenzene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Chlorobenzene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Chlorobenzene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Chlorobenzene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Chlorobenzene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Chlorobenzene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Chlorobenzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Chlorobenzene	<1.0	ug/L	u	1			L662184-07
MW-9	12/1/2009	Chlorodibromomethane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Chlorodibromomethane	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Chloroethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Chloroethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Chloroethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Chloroethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Chloroethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Chloroethane	<5 UJ	ug/l	UJ		8260 B		L434468-07
MW-9	10/9/2012	Chloroethane	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Chloroethane	<5.0	ug/L	u	5			L662184-07
MW-9	11/16/1989	Chloroform	5.00	ug/l	u	5		Radian	
MW-9	12/12/1989	Chloroform	3.00	ug/l	v	2.5		Radian	
MW-9	3/13/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-9	6/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-9	9/12/1990	Chloroform	2.50	ug/l	u	2.5		Radian	
MW-9	12/5/1990	Chloroform	5.00	ug/l	u	5		IEA	
MW-9	3/6/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-9	6/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-9	9/5/1991	Chloroform	5.00	ug/l	u	5		IEA	
MW-9	1/20/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-9	11/4/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	3/26/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	10/29/1993	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	6/29/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-9	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-9	8/18/1998	Chloroform	5.00	ug/l	u	5			
MW-9	12/10/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-9	12/14/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Chloroform	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Chloroform	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Chloroform	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Chloroform	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Chloroform	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Chloroform	<5	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Chloroform	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Chloroform	<5.0	ug/L	u	5			L662184-07
MW-9	12/14/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Chloromethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Chloromethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Chloromethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Chloromethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Chloromethane	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Chloromethane	<2.5	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Chloromethane	<2.5	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Chloromethane	<2.5	ug/L	u	2.5			L662184-07
MW-9	12/12/1989	Chromium	0.023	mg/l	v	0.01		Radian	
MW-9	3/13/1990	Chromium	0.010	mg/l	v	0.01		Radian	
MW-9	6/12/1990	Chromium	0.092	mg/l	v	0.007		Radian	
MW-9	9/12/1990	Chromium	0.057	mg/l	v	0.007		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/5/1990	Chromium	0.03	mg/l	u	0.03		IEA	
MW-9	3/6/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-9	6/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-9	9/5/1991	Chromium	0.03	mg/l	u	0.03		IEA	
MW-9	1/20/1992	Chromium	0.060	mg/l	v	0.01		IEA	
MW-9	6/8/1992	Chromium	0.080	mg/l	v			IEA	
MW-9	11/4/1992	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	3/26/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/29/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-9	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-9	8/18/1998	Chromium	10.00	ug/l	u	10			
MW-9	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-9	6/10/1999	Chromium	10.00	ug/l	u	10		Pace	
MW-9	12/14/1999	Chromium	0.01	mg/l	u	0.01	6010B	SPLLF	9912941-04
MW-9	6/6/2000	Chromium	0.01	mg/l	u	0.01	6010B	SPLLF	0006308-06
MW-9	12/14/2000	Chromium	< 0.01	ppm	u		SW-846 6010		
MW-9	6/25/2001	Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-9	12/10/2001	Chromium	0.017	mg/l			SW-846 6010		
MW-9	6/19/2002	Chromium	0.00107 j	mg/l	j		SW-846 6010		
MW-9	12/13/2002	Chromium	0.021	mg/l			6010 B		02120518-08
MW-9	6/18/2003	Chromium	ND	mg/l	u		6010 B		03060775-06
MW-9	12/2/2003	Chromium	ND	mg/l	u		6010 B		03120155-06
MW-9	6/8/2004	Chromium	ND	mg/l	u		6010 B		04060338-05
MW-9	12/1/2004	Chromium	ND	mg/l	u		6010 B		04120075-06
MW-9	6/14/2005	Chromium	ND	mg/l	u		6010 B		05060699-06
MW-9	12/13/2005	Chromium	ND	mg/l	u		6010 B		05120626-06
MW-9	6/27/2006	Chromium	ND	mg/l	u		6010 B		
MW-9	12/19/2006	Chromium	ND	mg/l	u		6010 B		06121018-07
MW-9	6/12/2007	Chromium	ND	mg/l	u		6010 B		07060670-05
MW-9	6/3/2008	Chromium	ND U	mg/l	u		6020		08060177-06
MW-9	6/23/2009	Chromium	<0.0024	mg/l	u		6020		09061301-05
MW-9	12/1/2009	Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-07
MW-9	8/10/2011	Chromium	<0.010	mg/l	u		6020		L530497-05
MW-9	10/9/2012	Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-07
MW-9	12/14/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260 B	SPLLF	9912941-04
MW-9	12/13/2002	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	cis-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	cis-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	cis-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	cis-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLF	9912941-04
MW-9	12/13/2002	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	cis-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	cis-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-07
MW-9	10/9/2012	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u	1			L662184-07
MW-9	12/1/2009	cis-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-07
MW-9	3/6/1991	Copper	0.02	mg/l	u	0.02			
MW-9	12/1/2009	Cyclohexane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Cyclohexane	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Cyclohexane	<1.0	ug/L	u	1			L662184-07
MW-9	11/16/1989	Dibenzofuran	10.00	ug/l	u	10		Radian	
MW-9	3/6/1991	Dibenzofuran	10.00	ug/l	u	10		IEA	
MW-9	9/5/1991	Dibenzofuran	10.00	ug/l	u	10		IEA	
MW-9	1/20/1992	Dibenzofuran	10.00	ug/l	u	10			
MW-9	10/29/1993	Dibenzofuran	10.00	ug/l	u	10		Envirotech	
MW-9	3/7/1994	Dibenzofuran	0.40	ug/l	jv	10		Envirotech	
MW-9	6/21/1994	Dibenzofuran	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	Dibenzofuran	0.50	ug/l	jv	10		Envirotech	
MW-9	6/29/1995	Dibenzofuran	0.60	ug/l	jv	10		Envirotech	
MW-9	12/11/1995	Dibenzofuran	0.50	ug/l	jv	10		Envirotech	
MW-9	6/18/1996	Dibenzofuran	0.40	ug/l	jv	10		Envirotech	
MW-9	12/10/1996	Dibenzofuran	0.50	ug/l	jv	10		Envirotech	
MW-9	6/18/1997	Dibenzofuran	10.60	ug/l	u	10.60			
MW-9	12/9/1997	Dibenzofuran	10.00	ug/l	u	10			
MW-9	8/18/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-9	12/10/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-9	6/10/1999	Dibenzofuran	10.00	ug/l	u	10			
MW-9	12/14/1999	Dibromochloromethane	5.00	ug/l	u	5	8260B	SPLLF	9912941-04
MW-9	12/13/2002	Dibromochloromethane	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Dibromochloromethane	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Dibromochloromethane	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Dibromochloromethane	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Dibromochloromethane	ND	ug/l	u		8260 B		06121018-07

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/1/2009	Dichlorodifluoromethane	<5	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Dichlorodifluoromethane	<5.0	ug/L	u	5			L662184-07
MW-9	11/4/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	3/26/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/29/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-9	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-9	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-9	8/18/1998	Dissolved Barium	200.00	ug/l	u	200			
MW-9	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-9	12/14/1999	Dissolved Barium	0.032	mg/l	v	0.01	6010B	SPLLA	9912941-04
MW-9	12/14/2000	Dissolved Barium	0.015	ppm			SW-846 6010		
MW-9	12/10/2001	Dissolved Barium	0.034	mg/l			SW-846 6010		
MW-9	12/13/2002	Dissolved Barium	0.029	mg/l			6010 B		02120518-08
MW-9	12/2/2003	Dissolved Barium	0.0331 U	mg/l	u		6010 B		03120155-06
MW-9	12/1/2004	Dissolved Barium	0.032	mg/l			6010 B		04120075-06
MW-9	12/13/2005	Dissolved Barium	0.0299 J	mg/l	j		6010 B		05120626-06
MW-9	12/19/2006	Dissolved Barium	0.0349 J	mg/l	j		6010 B		06121018-07
MW-9	12/1/2009	Dissolved Barium	0.0240	mg/l			6010 B/6020 B		L434468-07
MW-9	10/9/2012	Dissolved Barium	0.03 J	mg/l	j		6010 B/6020 B		L600034-07
MW-9	10/8/2013	Dissolved Barium	0.029 J	mg/L	j				L662184-07
MW-9	11/4/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	3/26/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/29/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-9	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-9	8/18/1998	Dissolved Cadmium	5.00	ug/l	u	5			
MW-9	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-9	6/10/1999	Dissolved Cadmium	5.00	ug/l	u	5		Pace	
MW-9	12/14/1999	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-04
MW-9	6/6/2000	Dissolved Cadmium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-06
MW-9	12/14/2000	Dissolved Cadmium	< 0.01	ppm	u		SW-846 6010		
MW-9	6/25/2001	Dissolved Cadmium	< 0.005	mg/l	u		SW-846 6010		
MW-9	12/10/2001	Dissolved Cadmium	<0.005	mg/l	u		SW-846 6010		
MW-9	6/19/2002	Dissolved Cadmium	< 0.00025	mg/l	u		SW-846 6010		
MW-9	12/13/2002	Dissolved Cadmium	ND	mg/l	u		6010 B		02120518-08
MW-9	6/18/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03060775-06
MW-9	12/2/2003	Dissolved Cadmium	ND	mg/l	u		6010 B		03120155-06
MW-9	6/8/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04060338-05
MW-9	12/1/2004	Dissolved Cadmium	ND	mg/l	u		6010 B		04120075-06
MW-9	6/14/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05060699-06
MW-9	12/13/2005	Dissolved Cadmium	ND	mg/l	u		6010 B		05120626-06
MW-9	6/27/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		
MW-9	12/19/2006	Dissolved Cadmium	ND	mg/l	u		6010 B		06121018-07
MW-9	6/12/2007	Dissolved Cadmium	ND	mg/l	u		6010 B		07060670-05
MW-9	6/3/2008	Dissolved Cadmium	ND U	mg/l	u		6020		08060177-06
MW-9	6/23/2009	Dissolved Cadmium	<0.0026	mg/l	u		6020		09061301-05
MW-9	12/1/2009	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L434468-07
MW-9	8/10/2011	Dissolved Cadmium	<0.0005	mg/l	u		6020		L530497-05
MW-9	10/9/2012	Dissolved Cadmium	<0.0005 UJ	mg/l	UJ		6010 B/6020 B		L600034-07
MW-9	10/8/2013	Dissolved Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-07
MW-9	6/8/1992	Dissolved Chromium	0.01	mg/l	u	0.01		IEA	
MW-9	11/4/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	3/26/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/29/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-9	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-9	8/18/1998	Dissolved Chromium	10.00	ug/l	u	10			
MW-9	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-9	6/10/1999	Dissolved Chromium	10.00	ug/l	u	10		Pace	
MW-9	12/14/1999	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-04
MW-9	6/6/2000	Dissolved Chromium	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-06
MW-9	12/14/2000	Dissolved Chromium	< 0.01	ppm	u		SW-846 6010		
MW-9	6/25/2001	Dissolved Chromium	< 0.01	mg/l	u		SW-846 6010		
MW-9	12/10/2001	Dissolved Chromium	0.0133	mg/l			SW-846 6010		
MW-9	6/19/2002	Dissolved Chromium	< 0.00068	mg/l	u		SW-846 6010		

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/13/2002	Dissolved Chromium	ND	mg/l	u		6010 B		02120518-08
MW-9	6/18/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03060775-06
MW-9	12/2/2003	Dissolved Chromium	ND	mg/l	u		6010 B		03120155-06
MW-9	6/8/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04060338-05
MW-9	12/1/2004	Dissolved Chromium	ND	mg/l	u		6010 B		04120075-06
MW-9	6/14/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05060699-06
MW-9	12/13/2005	Dissolved Chromium	ND	mg/l	u		6010 B		05120626-06
MW-9	6/27/2006	Dissolved Chromium	ND	mg/l	u		6010 B		
MW-9	12/19/2006	Dissolved Chromium	ND	mg/l	u		6010 B		06121018-07
MW-9	6/12/2007	Dissolved Chromium	ND	mg/l	u		6010 B		07060670-05
MW-9	6/3/2008	Dissolved Chromium	ND U	mg/l	u		6020		08060177-06
MW-9	6/23/2009	Dissolved Chromium	<0.0024	mg/l	u		6020		09061301-05
MW-9	12/1/2009	Dissolved Chromium	<0.01	mg/l	u		6010 B/6020 B		L434468-07
MW-9	8/10/2011	Dissolved Chromium	<0.010	mg/l	u		6020		L530497-05
MW-9	10/9/2012	Dissolved Chromium	<0.010	mg/l	u		6010 B/6020 B		L600034-07
MW-9	10/8/2013	Dissolved Chromium	<0.010	mg/L	u	0.01			L662184-07
MW-9	11/4/1992	Dissolved Iron	4270.00	ug/l	v	100		Envirotech	
MW-9	3/26/1993	Dissolved Iron	5350.00	ug/l	v	100		Envirotech	
MW-9	10/29/1993	Dissolved Iron	13400.00	ug/l	v	100		Envirotech	
MW-9	3/7/1994	Dissolved Iron	12700.00	ug/l	v	100		Envirotech	
MW-9	6/21/1994	Dissolved Iron	14700.00	ug/l	v	100		Envirotech	
MW-9	12/13/1994	Dissolved Iron	14700.00	ug/l	v	100		Envirotech	
MW-9	6/29/1995	Dissolved Iron	4820.00	ug/l	v	100		Envirotech	
MW-9	12/11/1995	Dissolved Iron	8900.00	ug/l	v	100		Envirotech	
MW-9	6/18/1996	Dissolved Iron	6620.00	ug/l	v	100		Envirotech	
MW-9	12/10/1996	Dissolved Iron	8940.00	ug/l	v	100		Envirotech	
MW-9	6/18/1997	Dissolved Iron	3720.00	ug/l	v	100		UHL	
MW-9	12/9/1997	Dissolved Iron	8840.00	ug/l	v	100		UHL	
MW-9	8/18/1998	Dissolved Iron	7510.00	ug/l	v	100			
MW-9	12/10/1998	Dissolved Iron	10900.00	ug/l	v	100		UHL	
MW-9	12/14/1999	Dissolved Iron	15.10	mg/l	v	0.02	6010B	SPLAF	9912941-04
MW-9	12/14/2000	Dissolved Iron	10.80	ppm			SW-846 6010		
MW-9	12/10/2001	Dissolved Iron	11.60	mg/l			SW-846 6010		
MW-9	12/13/2002	Dissolved Iron	2.74	mg/l			6010 B		02120518-08
MW-9	12/2/2003	Dissolved Iron	1.63	mg/l			6010 B		03120155-06
MW-9	12/1/2004	Dissolved Iron	1.70	mg/l			6010 B		04120075-06
MW-9	12/13/2005	Dissolved Iron	0.319 J	mg/l	j		6010 B		05120626-06
MW-9	12/19/2006	Dissolved Iron	3.14 J	mg/l	j		6010 B		06121018-07
MW-9	12/1/2009	Dissolved Iron	0.62	mg/l			6010 B/6020 B		L434468-07
MW-9	3/31/2011	Dissolved Iron	<0.1	mg/l	u		6020		L509030-04
MW-9	8/10/2011	Dissolved Iron	<0.100	mg/l	u		6020		L530497-05
MW-9	10/9/2012	Dissolved Iron	<0.100	mg/l	u		6010 B/6020 B		L600034-07
MW-9	10/8/2013	Dissolved Iron	<0.100	mg/L	u	0.1			L662184-07
MW-9	11/4/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	3/26/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	12/13/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/29/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-9	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-9	8/18/1998	Dissolved Lead	3.00	ug/l	u	3			
MW-9	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-9	6/10/1999	Dissolved Lead	3.00	ug/l	u	3		Pace	
MW-9	12/14/1999	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLAF	9912941-04
MW-9	6/6/2000	Dissolved Lead	0.01	mg/l	u	0.01	6010B	SPLAF	0006308-06
MW-9	6/25/2001	Dissolved Lead	< 0.01	mg/l	u		SW-846 6010		
MW-9	12/10/2001	Dissolved Lead	<0.005	mg/l	u		SW-846 6010		
MW-9	6/19/2002	Dissolved Lead	< 0.00143	mg/l	u		SW-846 6010		
MW-9	12/13/2002	Dissolved Lead	ND	mg/l	u		6010 B		02120518-08
MW-9	6/18/2003	Dissolved Lead	ND	mg/l	u		6010 B		03060775-06
MW-9	12/2/2003	Dissolved Lead	ND	mg/l	u		6010 B		03120155-06
MW-9	6/8/2004	Dissolved Lead	ND	mg/l	u		6010 B		04060338-05
MW-9	12/1/2004	Dissolved Lead	ND	mg/l	u		6010 B		04120075-06
MW-9	6/14/2005	Dissolved Lead	ND	mg/l	u		6010 B		05060699-06
MW-9	12/13/2005	Dissolved Lead	ND	mg/l	u		6010 B		05120626-06
MW-9	6/27/2006	Dissolved Lead	ND	mg/l	u		6010 B		
MW-9	12/19/2006	Dissolved Lead	ND	mg/l	u		6010 B		06121018-07
MW-9	6/12/2007	Dissolved Lead	ND	mg/l	u		6010 B		07060670-05
MW-9	6/3/2008	Dissolved Lead	ND	mg/l	u		6020		08060177-06
MW-9	6/23/2009	Dissolved Lead	<0.0022	mg/l	u		6020		09061301-05
MW-9	12/1/2009	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-07
MW-9	8/10/2011	Dissolved Lead	<0.001	mg/l	u		6020		L530497-05
MW-9	10/9/2012	Dissolved Lead	<0.001 UJ	mg/l	UJ		6010 B/6020 B		L600034-07
MW-9	10/8/2013	Dissolved Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-07
MW-9	11/4/1992	Dissolved Manganese	2140.00	ug/l	v	15		Envirotech	
MW-9	3/26/1993	Dissolved Manganese	3370.00	ug/l	v	15		Envirotech	
MW-9	10/29/1993	Dissolved Manganese	9020.00	ug/l	v	15		Envirotech	
MW-9	3/7/1994	Dissolved Manganese	8870.00	ug/l	v	15		Envirotech	
MW-9	6/21/1994	Dissolved Manganese	9090.00	ug/l	v	15		Envirotech	
MW-9	12/13/1994	Dissolved Manganese	7770.00	ug/l	v	15		Envirotech	
MW-9	6/29/1995	Dissolved Manganese	2990.00	ug/l	v	15		Envirotech	
MW-9	12/11/1995	Dissolved Manganese	4310.00	ug/l	v	15		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	6/18/1996	Dissolved Manganese	4660.00	ug/l	v	15		Envirotech	
MW-9	12/10/1996	Dissolved Manganese	4370.00	ug/l	v	15		Envirotech	
MW-9	6/18/1997	Dissolved Manganese	2610.00	ug/l	v	15		UHL	
MW-9	12/9/1997	Dissolved Manganese	3950.00	ug/l	v	15		UHL	
MW-9	8/18/1998	Dissolved Manganese	4900.00	ug/l	v	15			
MW-9	12/10/1998	Dissolved Manganese	4510.00	ug/l	v	15		UHL	
MW-9	12/14/1999	Dissolved Manganese	5.31	mg/l	v	0.01	6010B	SPLLAFF	9912941-04
MW-9	12/14/2000	Dissolved Manganese	5.14	ppm			SW-846 6010		
MW-9	12/10/2001	Dissolved Manganese	5.17	mg/l			SW-846 6010		
MW-9	12/13/2002	Dissolved Manganese	3.40	mg/l			6010 B		02120518-08
MW-9	12/2/2003	Dissolved Manganese	3.64	mg/l			6010 B		03120155-06
MW-9	12/1/2004	Dissolved Manganese	3.56	mg/l			6010 B		04120075-06
MW-9	12/13/2005	Dissolved Manganese	2.9 J	mg/l	j		6010 B		05120626-06
MW-9	12/19/2006	Dissolved Manganese	4.22 J	mg/l	j		6010 B		06121018-07
MW-9	12/1/2009	Dissolved Manganese	2.20	mg/l			6010 B/6020 B		L434468-07
MW-9	3/31/2011	Dissolved Manganese	1.60	mg/l					L509030-04
MW-9	8/10/2011	Dissolved Manganese	1.5 J	mg/l	j		6020		L530497-05
MW-9	10/9/2012	Dissolved Manganese	3.2 J	mg/l	j		6010 B/6020 B		L600034-07
MW-9	10/8/2013	Dissolved Manganese	0.85 J	mg/l	j				L662184-07
MW-9	11/4/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	3/26/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	6/29/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-9	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-9	6/18/1997	Dissolved Mercury	0.10	ug/l	v	0.10		UHL	
MW-9	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-9	8/18/1998	Dissolved Mercury	0.10	ug/l	u	0.10			
MW-9	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-9	6/10/1999	Dissolved Mercury	0.20	ug/l	u	0.20		Pace	
MW-9	12/14/1999	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLAFF	9912941-04
MW-9	6/6/2000	Dissolved Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLLAFF	0006308-06
MW-9	12/14/2000	Dissolved Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-9	6/25/2001	Dissolved Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-9	12/10/2001	Dissolved Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-9	6/19/2002	Dissolved Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-9	12/13/2002	Dissolved Mercury	ND	mg/l	u		7470 A		02120518-08
MW-9	6/18/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03060775-06
MW-9	12/2/2003	Dissolved Mercury	ND	mg/l	u		7470 A		03120155-06
MW-9	6/8/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04060338-05
MW-9	12/1/2004	Dissolved Mercury	ND	mg/l	u		7470 A		04120075-06
MW-9	6/14/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05060699-06
MW-9	12/13/2005	Dissolved Mercury	ND	mg/l	u		7470 A		05120626-06
MW-9	6/27/2006	Dissolved Mercury	ND	mg/l	u		7470 A		
MW-9	12/19/2006	Dissolved Mercury	ND	mg/l	u		7470 A		06121018-07
MW-9	6/12/2007	Dissolved Mercury	ND	mg/l	u		7470 A		07060670-05
MW-9	6/3/2008	Dissolved Mercury	ND UJ	mg/l	UJ		7470 A		08060177-06
MW-9	6/23/2009	Dissolved Mercury	<0.000073	mg/l	u		7470 A		09061301-05
MW-9	12/1/2009	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L434468-07
MW-9	8/10/2011	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L530497-05
MW-9	10/9/2012	Dissolved Mercury	<0.0002	mg/l	u		7470 A		L600034-07
MW-9	10/8/2013	Dissolved Mercury	<0.0002 UJ	mg/L	u j	0.0002 UJ			L662184-07
MW-9	3/31/2011	Dissolved Organic Carbon	2.60	mg/l					L509030-04
MW-9	12/14/1999	Ethyl benzene	5.00	ug/l	u	5	8260B	SPLLAFF	9912941-04
MW-9	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021B	SPLLAFF	0006308-06
MW-9	6/25/2001	Ethyl benzene	< 1	ug/l	u		SW-846 8021		
MW-9	6/19/2002	Ethyl benzene	<0.0933	ug/l	u		SW-846 8021		
MW-9	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-08
MW-9	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-06
MW-9	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-06
MW-9	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-05
MW-9	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-06
MW-9	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-06
MW-9	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-06
MW-9	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-9	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-07
MW-9	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-05
MW-9	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-06
MW-9	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-05
MW-9	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-07
MW-9	8/10/2011	Ethyl benzene	< 1 UJ	ug/l	UJ		8021 B		L530497-05
MW-9	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-07
MW-9	3/31/2011	Ferrous Fe	0.05	mg/l					L509030-04
MW-9	12/12/1989	Fluoride	0.04	mg/l	v	0.005		Radian	
MW-9	3/13/1990	Fluoride	0.08	mg/l	v	0.005		Radian	
MW-9	6/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-9	9/12/1990	Fluoride	0.10	mg/l	u	0.10		Radian	
MW-9	12/5/1990	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-9	3/6/1991	Fluoride	0.10	mg/l	u	0.10			
MW-9	6/5/1991	Fluoride	0.10	mg/l	u	0.10		IEA	
MW-9	12/12/1989	Iron	18.00	mg/l	v	0.04		Radian	
MW-9	3/13/1990	Iron	2.80	mg/l	v	0.040		Radian	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	6/12/1990	Iron	36.00	mg/l	v	0.007		Radian	
MW-9	9/12/1990	Iron	26.00	mg/l	v	0.007		Radian	
MW-9	12/5/1990	Iron	3.10	mg/l	v			IEA	
MW-9	3/6/1991	Iron	2.60	mg/l	v			IEA	
MW-9	6/5/1991	Iron	2.10	mg/l	v			IEA	
MW-9	1/20/1992	Iron	41.00	mg/l	v	0.03		IEA	
MW-9	11/4/1992	Iron	4190.00	ug/l	v	100		Envirotech	
MW-9	3/26/1993	Iron	6400.00	ug/l	v	100		Envirotech	
MW-9	10/29/1993	Iron	17000.00	ug/l	v	100		Envirotech	
MW-9	3/7/1994	Iron	14000.00	ug/l	v	100		Envirotech	
MW-9	6/21/1994	Iron	20200.00	ug/l	v	100		Envirotech	
MW-9	12/13/1994	Iron	15300.00	ug/l	v	100		Envirotech	
MW-9	6/29/1995	Iron	4910.00	ug/l	v	100		Envirotech	
MW-9	12/11/1995	Iron	10500.00	ug/l	v	100		Envirotech	
MW-9	6/18/1996	Iron	7010.00	ug/l	v	100		Envirotech	
MW-9	12/10/1996	Iron	9040.00	ug/l	v	100		Envirotech	
MW-9	6/18/1997	Iron	7230.00	ug/l	v	100		UHL	
MW-9	12/9/1997	Iron	7170.00	ug/l	v	100		UHL	
MW-9	8/18/1998	Iron	6020.00	ug/l	v	100			
MW-9	12/10/1998	Iron	13100.00	ug/l	v	100		UHL	
MW-9	12/14/1999	Iron	14.80	mg/l	v	0.02	6010B	SPLLA	9912941-04
MW-9	12/14/2000	Iron	11.50	ppm			SW-846 6010		
MW-9	12/10/2001	Iron	12.70	mg/l			SW-846 6010		
MW-9	12/13/2002	Iron	6.72	mg/l			6010 B		02120518-08
MW-9	12/2/2003	Iron	1.91	mg/l			6010 B		03120155-06
MW-9	12/1/2004	Iron	1.85	mg/l			6010 B		04120075-06
MW-9	12/13/2005	Iron	1.42 J	mg/l	j		6010 B		05120626-06
MW-9	12/19/2006	Iron	4.01 J	mg/l	j		6010 B		06121018-07
MW-9	12/1/2009	Iron	1.20	mg/l			6010 B/6020 B		L434468-07
MW-9	3/31/2011	Iron	0.53	mg/l					L509030-04
MW-9	8/10/2011	Iron	1.20	mg/l			6020		L530497-05
MW-9	10/9/2012	Iron	0.68 J	mg/l	j		6010 B/6020 B		L600034-07
MW-9	12/1/2009	Isopropylbenzene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Isopropylbenzene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Isopropylbenzene	<1.0	ug/L	u	1			L662184-07
MW-9	11/16/1989	Laboratory conductivity	405.00	umhos/cm	v			Radian	
MW-9	9/5/1991	Laboratory conductivity	270.00	uS/cm	v			IEA	
MW-9	1/20/1992	Laboratory conductivity	230.00	uS/cm	v	1		IEA	
MW-9	11/16/1989	Laboratory pH	6.00	s.u.	v			Radian	
MW-9	9/5/1991	Laboratory pH	6.10	s.u.	v			IEA	
MW-9	1/20/1992	Laboratory pH	6.20	s.u.	v			IEA	
MW-9	12/12/1989	Lead	0.005	mg/l	v	0.002		Radian	
MW-9	3/13/1990	Lead	0.005	mg/l	v	0.003		Radian	
MW-9	6/12/1990	Lead	0.010	mg/l	v	0.003		Radian	
MW-9	9/12/1990	Lead	0.007	mg/l	v	0.003		Radian	
MW-9	12/5/1990	Lead	0.0050	mg/l	u	0.005		IEA	
MW-9	3/6/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-9	6/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-9	9/5/1991	Lead	0.0050	mg/l	u	0.005		IEA	
MW-9	1/20/1992	Lead	0.008	mg/l	v	0.005		IEA	
MW-9	11/4/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	3/26/1993	Lead	3.50	ug/l	v	3		Envirotech	
MW-9	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/29/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-9	6/18/1997	Lead	9.14	ug/l	v	3		UHL	
MW-9	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-9	8/18/1998	Lead	3.00	ug/l	u	3			
MW-9	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-9	6/10/1999	Lead	3.00	ug/l	u	3		Pace	
MW-9	12/14/1999	Lead	0.01	mg/l	u	0.01	6010B	SPLLA	9912941-04
MW-9	6/6/2000	Lead	0.01	mg/l	u	0.01	6010B	SPLLA	0006308-06
MW-9	12/14/2000	Lead	< 0.01	ppm	u		SW-846 6010		
MW-9	6/25/2001	Lead	< 0.01	mg/l	u		SW-846 6010		
MW-9	12/10/2001	Lead	<0.005	mg/l	u		SW-846 6010		
MW-9	6/19/2002	Lead	< 0.00143	mg/l	u		SW-846 6010		
MW-9	12/13/2002	Lead	ND	mg/l	u		6010 B		02120518-08
MW-9	6/18/2003	Lead	ND	mg/l	u		6010 B		03060775-06
MW-9	12/2/2003	Lead	ND	mg/l	u		6010 B		03120155-06
MW-9	6/8/2004	Lead	ND	mg/l	u		6010 B		04060338-05
MW-9	12/1/2004	Lead	ND	mg/l	u		6010 B		04120075-06
MW-9	6/14/2005	Lead	ND	mg/l	u		6010 B		05060699-06
MW-9	12/13/2005	Lead	ND	mg/l	u		6010 B		05120626-06
MW-9	6/27/2006	Lead	ND	mg/l	u		6010 B		
MW-9	12/19/2006	Lead	ND	mg/l	u		6010 B		06121018-07
MW-9	6/12/2007	Lead	ND	mg/l	u		6010 B		07060670-05
MW-9	6/3/2008	Lead	ND	mg/l	u		6020		08060177-06
MW-9	6/23/2009	Lead	<0.0022	mg/l	u		6020		09061301-05
MW-9	12/1/2009	Lead	<0.001	mg/l	u		6010 B/6020 B		L434468-07
MW-9	8/10/2011	Lead	<0.001	mg/l	u		6020		L530497-05
MW-9	10/9/2012	Lead	<0.001	mg/l	u		6010 B/6020 B		L600034-07
MW-9	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/14/1999	m&p-Xylenes	5.00	ug/l	u	5	8260B	SPLLAFF	9912941-04
MW-9	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-08
MW-9	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-06
MW-9	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-06
MW-9	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-05
MW-9	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-06
MW-9	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-06
MW-9	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-06
MW-9	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-9	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-07
MW-9	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-05
MW-9	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-06
MW-9	6/23/2009	m&p-Xylenes	< 1	ug/l	u		8021 B		09061301-05
MW-9	12/12/1989	Manganese	3.20	mg/l	v	0.01		Radian	
MW-9	3/13/1990	Manganese	1.60	mg/l	v	0.01		Radian	
MW-9	6/12/1990	Manganese	1.50	mg/l	v	0.002		Radian	
MW-9	9/12/1990	Manganese	1.80	mg/l	v	0.002		Radian	
MW-9	12/5/1990	Manganese	1.30	mg/l	v			IEA	
MW-9	3/6/1991	Manganese	1.00	mg/l	v			IEA	
MW-9	6/5/1991	Manganese	0.78	mg/l	v			IEA	
MW-9	1/20/1992	Manganese	2.10	mg/l	v	0.01		IEA	
MW-9	11/4/1992	Manganese	2120.00	ug/l	v	15		Envirotech	
MW-9	3/26/1993	Manganese	3340.00	ug/l	v	15		Envirotech	
MW-9	10/29/1993	Manganese	10400.00	ug/l	v	15		Envirotech	
MW-9	3/7/1994	Manganese	9220.00	ug/l	v	15		Envirotech	
MW-9	6/21/1994	Manganese	10300.00	ug/l	v	15		Envirotech	
MW-9	12/13/1994	Manganese	7790.00	ug/l	v	15		Envirotech	
MW-9	6/29/1995	Manganese	2900.00	ug/l	v	15		Envirotech	
MW-9	12/11/1995	Manganese	4840.00	ug/l	v	15		Envirotech	
MW-9	6/18/1996	Manganese	4560.00	ug/l	v	15		Envirotech	
MW-9	12/10/1996	Manganese	4350.00	ug/l	v	15		Envirotech	
MW-9	6/18/1997	Manganese	4170.00	ug/l	v	15		UHL	
MW-9	12/9/1997	Manganese	3280.00	ug/l	v	15		UHL	
MW-9	8/18/1998	Manganese	3800.00	ug/l	v	15			
MW-9	12/10/1998	Manganese	5250.00	ug/l	v	15		UHL	
MW-9	12/14/1999	Manganese	5.18	mg/l	v	0.01	6010B	SPLLAFF	9912941-04
MW-9	12/14/2000	Manganese	5.04	ppm			SW-846 6010		
MW-9	12/10/2001	Manganese	5.65	mg/l			SW-846 6010		
MW-9	12/13/2002	Manganese	4.03	mg/l			6010 B		02120518-08
MW-9	12/2/2003	Manganese	3.69	mg/l			6010 B		03120155-06
MW-9	12/1/2004	Manganese	3.57	mg/l			6010 B		04120075-06
MW-9	12/13/2005	Manganese	2.79 J	mg/l	j		6010 B		05120626-06
MW-9	12/19/2006	Manganese	4.16 J	mg/l	j		6010 B		06121018-07
MW-9	12/1/2009	Manganese	2.30	mg/l			6010 B/6020 B		L434468-07
MW-9	3/31/2011	Manganese	1.50	mg/l					L509030-04
MW-9	8/10/2011	Manganese	1.4 J	mg/l	j		6020		L530497-05
MW-9	10/9/2012	Manganese	3.1 J	mg/l	j		6010 B/6020 B		L600034-07
MW-9	12/12/1989	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-9	3/13/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-9	6/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-9	9/12/1990	Mercury	0.0002	mg/l	u	0.0002		Radian	
MW-9	12/5/1990	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-9	3/6/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-9	6/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-9	9/5/1991	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-9	1/20/1992	Mercury	0.0005	mg/l	u	0.0005		IEA	
MW-9	11/4/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	3/26/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	6/29/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	12/11/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-9	6/18/1996	Mercury	0.10	ug/l	u	0.10			
MW-9	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-9	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-9	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-9	8/18/1998	Mercury	0.10	ug/l	u	0.10			
MW-9	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-9	6/10/1999	Mercury	0.20	ug/l	u	0.20		Pace	
MW-9	12/14/1999	Mercury	0.0002	mg/l	u	0.0002	7470A	SPLLAFF	9912941-04
MW-9	6/6/2000	Mercury	0.0002	mg/l	u	0.0002	7470 A	SPLLAFF	0006308-06
MW-9	12/14/2000	Mercury	< 0.0002	ppm	u		SW-846 7470		
MW-9	6/25/2001	Mercury	< 0.001	mg/l	u		SW-846 7470		
MW-9	12/10/2001	Mercury	<0.0002	mg/l	u		SW-846 7470		
MW-9	6/19/2002	Mercury	< 0.00006	mg/l	u		SW-846 7470		
MW-9	12/13/2002	Mercury	ND	mg/l	u		7470 A		02120518-08
MW-9	6/18/2003	Mercury	ND	mg/l	u		7470 A		03060775-06
MW-9	12/2/2003	Mercury	ND	mg/l	u		7470 A		03120155-06
MW-9	6/8/2004	Mercury	ND	mg/l	u		7470 A		04060338-05
MW-9	12/1/2004	Mercury	ND	mg/l	u		7470 A		04120075-06
MW-9	6/14/2005	Mercury	ND	mg/l	u		7470 A		05060699-06
MW-9	12/13/2005	Mercury	ND	mg/l	u		7470 A		05120626-06
MW-9	6/27/2006	Mercury	ND	mg/l	u		7470 A		
MW-9	12/19/2006	Mercury	ND	mg/l	u		7470 A		06121018-07
MW-9	6/12/2007	Mercury	ND	mg/l	u		7470 A		07060670-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	6/3/2008	Mercury	ND UJ	mg/l	UJ		7470 A		08060177-06
MW-9	6/23/2009	Mercury	<0.000073	mg/l	u		7470 A		09061301-05
MW-9	12/1/2009	Mercury	<0.0002	mg/l	u		7470 A		L434468-07
MW-9	8/10/2011	Mercury	<0.0002	mg/l	u		7470 A		L530497-05
MW-9	10/9/2012	Mercury	<0.0002 UJ	mg/l	UJ		7470 A		L600034-07
MW-9	12/1/2009	Methyl Acetate	<20	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Methyl Acetate	<20.0 UJ	ug/l	UJ		8260 B		L600034-07
MW-9	10/8/2013	Methyl Acetate	<20.0	ug/l	u	20			L662184-07
MW-9	12/1/2009	Methyl Cyclohexane	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Methyl Cyclohexane	<1.0 R	ug/l	R		8260 B		L600034-07
MW-9	10/8/2013	Methyl Cyclohexane	<1.0	ug/L	u	1			L662184-07
MW-9	11/16/1989	Methyl ethyl ketone	100.00	ug/l	u	100		Radian	
MW-9	12/12/1989	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-9	3/13/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-9	6/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-9	9/12/1990	Methyl ethyl ketone	10.00	ug/l	u	10		Radian	
MW-9	12/5/1990	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-9	3/6/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-9	6/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-9	9/5/1991	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-9	1/20/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-9	3/26/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-9	10/29/1993	Methyl ethyl ketone	27.00	ug/l	v	10		Envirotech	
MW-9	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-9	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-9	6/29/1995	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-9	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-9	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-9	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-9	8/18/1998	Methyl ethyl ketone	10.00	ug/l	u	10			
MW-9	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-9	12/14/1999	Methyl ethyl ketone	10.00	ug/l	u	10			9912941-04
MW-9	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-06
MW-9	12/1/2009	Methyl tert-butyl ether	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Methyl tert-butyl ether	<1.0	ug/L	u	1			L662184-07
MW-9	11/16/1989	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-9	12/12/1989	Methylene chloride	7.00	ug/l	bv	5		Radian	
MW-9	3/13/1990	Methylene chloride	7.70	ug/l	bv	5		Radian	
MW-9	6/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-9	9/12/1990	Methylene chloride	5.00	ug/l	u	5		Radian	
MW-9	12/5/1990	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-9	3/6/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-9	6/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-9	9/5/1991	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-9	1/20/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-9	11/4/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	3/26/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	10/29/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	6/29/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-9	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-9	12/9/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-9	8/18/1998	Methylene chloride	5.00	ug/l	u	5			
MW-9	12/10/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-9	12/14/1999	Methylene chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Methylene chloride	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Methylene chloride	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Methylene chloride	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Methylene chloride	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Methylene chloride	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Methylene chloride	<5	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Methylene chloride	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Methylene chloride	<5.0	ug/L	u	5			L662184-07
MW-9	11/16/1989	Naphthalene (SVOA)	27.00	ug/l	v			Radian	
MW-9	3/6/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-9	9/5/1991	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-9	1/20/1992	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-9	11/4/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-9	3/26/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-9	10/29/1993	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-9	3/7/1994	Naphthalene (SVOA)	1.20	ug/l	jv	10		Envirotech	
MW-9	6/21/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-9	12/13/1994	Naphthalene (SVOA)	0.70	ug/l	jv	10		Envirotech	
MW-9	6/29/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-9	12/11/1995	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-9	6/18/1996	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-9	12/10/1996	Naphthalene (SVOA)	0.20	ug/l	jv	10		Envirotech	
MW-9	6/18/1997	Naphthalene (SVOA)	10.60	ug/l	u	10.60			

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/9/1997	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-9	8/18/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-9	12/10/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-9	6/10/1999	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-9	12/12/1989	Nitrate/Nitrite	0.02	mg/l	v	0.02		Radian	
MW-9	3/13/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-9	6/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-9	9/12/1990	Nitrate/Nitrite	0.02	mg/l	u	0.02		Radian	
MW-9	12/5/1990	Nitrate/Nitrite	0.10	mg/l	u	0.10		IEA	
MW-9	3/6/1991	Nitrate/Nitrite	0.03	mg/l	v				
MW-9	6/5/1991	Nitrate/Nitrite	0.02	mg/l	u	0.02		IEA	
MW-9	6/10/1999	o-Xylene	5.00	ug/l	u	5			
MW-9	12/14/1999	o-Xylene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-08
MW-9	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-06
MW-9	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-06
MW-9	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-05
MW-9	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-06
MW-9	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-06
MW-9	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-06
MW-9	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-9	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-07
MW-9	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-05
MW-9	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-06
MW-9	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-05
MW-9	3/31/2011	pH	6.20	s.u.					L509030-04
MW-9	11/16/1989	Phenol	10.00	ug/l	u	10			
MW-9	3/6/1991	Phenol	10.00	ug/l	u	10			
MW-9	9/5/1991	Phenol	10.00	ug/l	u	10			
MW-9	1/20/1992	Phenol	10.00	ug/l	u	10			
MW-9	11/4/1992	Phenol	10.00	ug/l	u	10			
MW-9	3/26/1993	Phenol	10.00	ug/l	u	10			
MW-9	10/29/1993	Phenol	10.00	ug/l	u	10			
MW-9	3/7/1994	Phenol	10.00	ug/l	u	10			
MW-9	6/21/1994	Phenol	10.00	ug/l	u	10			
MW-9	12/13/1994	Phenol	10.00	ug/l	u	10			
MW-9	6/29/1995	Phenol	10.00	ug/l	u	10			
MW-9	12/11/1995	Phenol	0.30	ug/l	jv	10			
MW-9	6/18/1996	Phenol	10.00	ug/l	u	10			
MW-9	12/10/1996	Phenol	10.00	ug/l	u	10			
MW-9	6/18/1997	Phenol	10.60	ug/l	u	10.60			
MW-9	12/9/1997	Phenol	10.00	ug/l	u	10			
MW-9	8/18/1998	Phenol	10.00	ug/l	u	10			
MW-9	12/10/1998	Phenol	10.00	ug/l	u	10			
MW-9	6/10/1999	Phenol	10.00	ug/l	u	10			
MW-9	12/12/1989	Selenium	0.0020	mg/l	u	0.002		Radian	
MW-9	3/13/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-9	6/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-9	9/12/1990	Selenium	0.0050	mg/l	u	0.005		Radian	
MW-9	12/5/1990	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-9	3/6/1991	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-9	6/5/1991	Selenium	0.0050	mg/l	u	0.005		IEA	
MW-9	12/12/1989	Silver	0.01	mg/l	u	0.01		Radian	
MW-9	3/13/1990	Silver	0.01	mg/l	u	0.01		Radian	
MW-9	6/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-9	9/12/1990	Silver	0.01	mg/l	u	0.007		Radian	
MW-9	12/5/1990	Silver	0.05	mg/l	u	0.05		IEA	
MW-9	3/6/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-9	6/5/1991	Silver	0.05	mg/l	u	0.05		IEA	
MW-9	12/12/1989	Sodium	5.80	mg/l	v	1		Radian	
MW-9	3/13/1990	Sodium	3.40	mg/l	v	1		Radian	
MW-9	6/12/1990	Sodium	3.20	mg/l	v	0.029		Radian	
MW-9	9/12/1990	Sodium	4.40	mg/l	v	0.029		Radian	
MW-9	12/5/1990	Sodium	3.50	mg/l	v			IEA	
MW-9	3/6/1991	Sodium	3.70	mg/l	v			IEA	
MW-9	6/5/1991	Sodium	3.50	mg/l	v			IEA	
MW-9	12/14/1999	Styrene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Styrene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Styrene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Styrene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Styrene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Styrene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Styrene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Styrene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Styrene	<1.0	ug/L	u	1			L662184-07
MW-9	12/12/1989	Sulfate	5.50	mg/l	v	0.05		Radian	
MW-9	3/13/1990	Sulfate	4.70	mg/l	v	0.050		Radian	
MW-9	6/12/1990	Sulfate	5.30	mg/l	v	0.050		Radian	
MW-9	9/12/1990	Sulfate	5.60	mg/l	v	0.050		Radian	
MW-9	12/5/1990	Sulfate	4.80	mg/l	v			IEA	
MW-9	3/6/1991	Sulfate	3.10	mg/l	v			IEA	
MW-9	6/5/1991	Sulfate	4.90	mg/l	v			IEA	
MW-9	12/14/1999	Tetrachloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Tetrachloroethene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Tetrachloroethene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Tetrachloroethene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Tetrachloroethene	ND	ug/l	u		8021 B		05120626-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/19/2006	Tetrachloroethene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Tetrachloroethene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Tetrachloroethene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Tetrachloroethene	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Toluene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	6/6/2000	Toluene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-06
MW-9	6/25/2001	Toluene	< 1	ug/l	u		SW-846 8021		
MW-9	6/19/2002	Toluene	0.0692 j	ug/l	j		SW-846 8021		
MW-9	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-08
MW-9	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-06
MW-9	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-06
MW-9	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-05
MW-9	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-06
MW-9	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-06
MW-9	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-06
MW-9	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-9	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-07
MW-9	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-05
MW-9	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-06
MW-9	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-05
MW-9	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-07
MW-9	8/10/2011	Toluene	< 5 UJ	ug/l	UJ		8021 B		L530497-05
MW-9	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Toluene	<5.0	ug/L	u	5			L662184-07
MW-9	10/8/2013	Total Barium	0.029	mg/L					L662184-07
MW-9	10/8/2013	Total Cadmium	<0.0005 UJ	mg/L	u j	0.0005 UJ			L662184-07
MW-9	10/8/2013	Total Chromium	<0.010	mg/L	u	0.01			L662184-07
MW-9	3/6/1991	Total dissolved solids	140.00	mg/l	v			IEA	
MW-9	10/8/2013	Total Iron	<0.100	mg/L	u	0.1			L662184-07
MW-9	10/8/2013	Total Lead	<0.001 UJ	mg/L	u j	0.001 UJ			L662184-07
MW-9	10/8/2013	Total Manganese	0.79 J	mg/L	j				L662184-07
MW-9	10/8/2013	Total Mercury	<0.0002	mg/L	u	0.0002			L662184-07
MW-9	11/16/1989	Total organic carbon	25.00	mg/l	v	1		Radian	
MW-9	12/12/1989	Total organic carbon	4.50	mg/l	v	1		Radian	
MW-9	3/13/1990	Total organic carbon	5.20	mg/l	v	1		Radian	
MW-9	6/12/1990	Total organic carbon	11.00	mg/l	v	1		Radian	
MW-9	9/12/1990	Total organic carbon	4.70	mg/l	v	1		Radian	
MW-9	12/5/1990	Total organic carbon	5.20	mg/l	v			IEA	
MW-9	3/6/1991	Total organic carbon	3.60	mg/l	v				
MW-9	6/5/1991	Total organic carbon	5.80	mg/l	v			IEA	
MW-9	3/31/2011	Total Organic Carbon	3.40	mg/l					L509030-04
MW-9	11/16/1989	Total organic halides	0.03	mg/l	v	0.01		Radian	
MW-9	12/12/1989	Total organic halides	0.12	mg/l	v	0.01		Radian	
MW-9	3/13/1990	Total organic halides	0.08	mg/l	v	0.01		Radian	
MW-9	6/12/1990	Total organic halides	0.09	mg/l	v	0.01		Radian	
MW-9	9/12/1990	Total organic halides	0.33	mg/l	v	0.01		Radian	
MW-9	12/5/1990	Total organic halides	0.10	mg/l	v			IEA	
MW-9	3/6/1991	Total organic halides	0.08	mg/l	v				
MW-9	6/5/1991	Total organic halides	0.07	mg/l	v			IEA	
MW-9	12/12/1989	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-9	3/13/1990	Total phenolics	0.15	ug/l	v	0.005		Radian	
MW-9	6/12/1990	Total phenolics	0.01	ug/l	v	0.005		Radian	
MW-9	9/12/1990	Total phenolics	0.0050	ug/l	u	0.005		Radian	
MW-9	12/5/1990	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-9	3/6/1991	Total phenolics	0.0050	ug/l	u	0.005			
MW-9	6/5/1991	Total phenolics	0.0050	ug/l	u	0.005		IEA	
MW-9	3/31/2011	Total Suspended Solids	1.80	mg/l					L509030-04
MW-9	12/14/1999	trans-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	trans-1,2-Dichloroethene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	trans-1,2-Dichloroethene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	trans-1,2-Dichloroethene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	trans-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	trans-1,3-Dichloropropene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	trans-1,3-Dichloropropene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	trans-1,3-Dichloropropene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Trichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Trichloroethene	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Trichloroethene	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Trichloroethene	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Trichloroethene	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Trichloroethene	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Trichloroethene	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Trichloroethene	<1.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Trichloroethene	<1.0	ug/L	u	1			L662184-07
MW-9	12/1/2009	Trichlorofluoromethane	<5 UJ	ug/l	UJ		8260 B		L434468-07
MW-9	10/9/2012	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Trichlorofluoromethane	<5.0	ug/L	u	5			L662184-07

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-9	12/14/1999	Trichlorofluoromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	10/8/2013	Vinyl chloride	<1.0	ug/L	u	1			L662184-07
MW-9	12/14/1999	Vinyl acetate	10.00	ug/l	u	10	8260B	SPLLAF	9912941-04
MW-9	12/14/1999	Vinyl chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	12/13/2002	Vinyl chloride	ND	ug/l	u		8260 B		02120518-08
MW-9	12/2/2003	Vinyl chloride	ND	ug/l	u		8260 B		03120155-06
MW-9	12/1/2004	Vinyl chloride	ND	ug/l	u		8021 B		04120075-06
MW-9	12/13/2005	Vinyl chloride	ND	ug/l	u		8021 B		05120626-06
MW-9	12/19/2006	Vinyl chloride	ND	ug/l	u		8260 B		06121018-07
MW-9	12/1/2009	Vinyl chloride	<1	ug/l	u		8260 B		L434468-07
MW-9	10/9/2012	Vinyl chloride	<1.0	ug/l	u		8260 B		L600034-07
MW-9	12/14/1999	Xylenes, Total	5.00	ug/l	u	5	8260B	SPLLAF	9912941-04
MW-9	6/6/2000	Xylenes, Total	1.00	ug/l	u	1	8021B	SPLLAF	0006308-06
MW-9	6/25/2001	Xylenes, Total	< 1	ug/l	u		SW-846 8021		
MW-9	6/19/2002	Xylenes, Total	<0.15	ug/l	u		SW-846 8021		
MW-9	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-08
MW-9	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-06
MW-9	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-06
MW-9	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-05
MW-9	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-06
MW-9	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-06
MW-9	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-06
MW-9	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-9	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-07
MW-9	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-05
MW-9	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-06
MW-9	6/23/2009	Xylenes, Total	< 1	ug/l	u		8021 B		09061301-05
MW-9	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-07
MW-9	8/10/2011	Xylenes, Total	< 3 UJ	ug/l	UJ		8021 B		L530497-05
MW-9	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-07
MW-9	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-07
MW-9	3/6/1991	Zinc	0.02	mg/l	u	0.02		IEA	
MW-10	1/21/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-10	1/21/1992	Barium	0.10	mg/l	u	0.10		IEA	
MW-10	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-10	1/21/1992	Benzene	5.00	ug/l	u	5		IEA	
MW-10	11/5/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-10	1/21/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-10	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-10	1/21/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-10	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-10	1/21/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-10	1/21/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-10	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-10	1/21/1992	Chromium	0.08	mg/l	v	0.01		IEA	
MW-10	6/8/1992	Chromium	0.11	mg/l	v			IEA	
MW-10	11/5/1992	Chromium	41.00	ug/l	v	10		Envirotech	
MW-10	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-10	11/5/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-10	6/8/1992	Dissolved Chromium	0.01	mg/l	u	0.01		IEA	
MW-10	11/5/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-10	11/5/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-10	3/31/2011	Dissolved Iron	0.66	mg/l					L509030-05
MW-10	12/9/2014	Dissolved Iron	0.9	mg/l					L738573-09
MW-10	9/2/2015	Dissolved Iron	0.486	mg/L					L787147-09
MW-10	6/7/2016	Dissolved Iron	0.979	mg/L					L840417-09
MW-10	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-09
MW-10	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-09
MW-10	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-10	11/5/1992	Dissolved Manganese	67.00	ug/l	v	15		Envirotech	
MW-10	3/31/2011	Dissolved Manganese	<0.01	mg/l	u				L509030-05
MW-10	12/9/2014	Dissolved Manganese	0.069	mg/l					L738573-09
MW-10	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-09
MW-10	6/7/2016	Dissolved Manganese	0.00609 B	mg/L	b				L840417-09
MW-10	3/7/2017	Dissolved Manganese	0.027	mg/L					L894955-09
MW-10	6/17/2020	Dissolved Manganese	0.0454	mg/L					L1231176-09
MW-10	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-10	3/31/2011	Dissolved Organic Carbon	3.50	mg/l					L509030-05
MW-10	3/31/2011	Ferrous Fe	0.05	mg/l					L509030-05
MW-10	1/21/1992	Iron	26.00	mg/l	v	0.03		IEA	
MW-10	11/5/1992	Iron	8990.00	ug/l	v	100		Envirotech	
MW-10	3/31/2011	Iron	9.10	mg/l					L509030-05
MW-10	1/21/1992	Laboratory conductivity	250.00	uS/cm	v	1		IEA	
MW-10	1/21/1992	Laboratory pH	6.60	s.u.	v			IEA	
MW-10	1/21/1992	Lead	0.005	mg/l	u	0.005		IEA	
MW-10	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-10	1/21/1992	Manganese	0.79	mg/l	v	0.01		IEA	
MW-10	11/5/1992	Manganese	739.00	ug/l	v	15		Envirotech	
MW-10	3/31/2011	Manganese	0.10	mg/l					L509030-05
MW-10	1/21/1992	Mercury	0.001	mg/l	u	0.0005		IEA	
MW-10	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-10	1/21/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-10	1/21/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-10	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-10	1/21/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-10	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-10	3/31/2011	pH	6.20	s.u.					L509030-05

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-10	12/9/2014	Total Iron	0.94	mg/L					L738573-09
MW-10	9/2/2015	Total Iron	16.7	mg/L					L787147-09
MW-10	6/7/2016	Total Iron	5.43	mg/L					L840417-09
MW-10	3/7/2017	Total Iron	9.16	mg/L					L894955-09
MW-10	6/17/2020	Total Iron	0.180	mg/L					L1231176-09
MW-10	12/9/2014	Total Manganese	0.088	mg/L					L738573-09
MW-10	9/2/2015	Total Manganese	0.289	mg/L					L787147-09
MW-10	6/7/2016	Total Manganese	0.1	mg/L					L840417-09
MW-10	3/7/2017	Total Manganese	0.12	mg/L					L894955-09
MW-10	6/17/2020	Total Manganese	0.0504	mg/L					L1231176-09
MW-10	1/21/1992	Total organic carbon	2.50	mg/l	v	1		IEA	
MW-10	3/31/2011	Total Organic Carbon	5.50	mg/l					L509030-05
MW-10	1/21/1992	Total organic halides	0.01	mg/l	u	0.01		IEA	
MW-10	3/31/2011	Total Suspended Solids	66.00	mg/l					L509030-05
MW-11	1/21/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-11	1/21/1992	Barium	0.200	mg/l	v	0.100		IEA	
MW-11	11/4/1992	Barium	0.217	mg/L	v	200		Envirotech	
MW-11	1/21/1992	Benzene	5.00	ug/l	u	5		IEA	
MW-11	11/4/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-11	1/21/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-11	11/4/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-11	1/21/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-11	11/4/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-11	1/21/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-11	1/21/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-11	11/4/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-11	1/21/1992	Chromium	0.07	mg/l	v	0.01		IEA	
MW-11	6/8/1992	Chromium	0.08	mg/l	v			IEA	
MW-11	11/4/1992	Chromium	41.10	ug/l	v	10		Envirotech	
MW-11	11/4/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-11	11/4/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-11	6/8/1992	Dissolved Chromium	0.01	mg/l	u	0.01		IEA	
MW-11	11/4/1992	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-11	11/4/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-11	11/4/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-11	11/4/1992	Dissolved Manganese	312.00	ug/l	v	15		Envirotech	
MW-11	11/4/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-11	1/21/1992	Iron	47.00	mg/l	v	0.03		IEA	
MW-11	11/4/1992	Iron	27000.00	ug/l	v	100		Envirotech	
MW-11	1/21/1992	Laboratory conductivity	110.00	uS/cm	v	1		IEA	
MW-11	1/21/1992	Laboratory pH	5.60	s.u.	v			IEA	
MW-11	1/21/1992	Lead	0.005	mg/l	u	0.005		IEA	
MW-11	11/4/1992	Lead	4.50	ug/l	v	3		Envirotech	
MW-11	1/21/1992	Manganese	0.54	mg/l	v	0.01		IEA	
MW-11	11/4/1992	Manganese	610.00	ug/l	v	15		Envirotech	
MW-11	1/21/1992	Mercury	0.001	mg/l	u	0.0005		IEA	
MW-11	11/4/1992	Mercury	0.22	ug/l	v	0.20		Envirotech	
MW-11	1/21/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	
MW-11	1/21/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-11	11/4/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-11	1/21/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-11	11/4/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-11	1/21/1992	Total organic carbon	2.40	mg/l	v	1		IEA	
MW-11	1/21/1992	Total organic halides	0.16	mg/l	v	0.01		IEA	
MW-11D	1/21/1992	Acetone	100.00	ug/l	u	100		IEA	
MW-11D	1/21/1992	Barium	0.100	mg/l	u	0.10		IEA	
MW-11D	11/5/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-11D	1/21/1992	Benzene	5.00	ug/l	u	5		IEA	
MW-11D	11/5/1992	Benzene	5.00	ug/l	u	5		Envirotech	
MW-11D	1/21/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		IEA	
MW-11D	11/5/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-11D	1/21/1992	Cadmium	0.005	mg/l	u	0.005		IEA	
MW-11D	11/5/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-11D	1/21/1992	Carbon disulfide	5.00	ug/l	u	5		IEA	
MW-11D	1/21/1992	Chloroform	5.00	ug/l	u	5		IEA	
MW-11D	11/5/1992	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-11D	1/21/1992	Chromium	0.01	mg/l	u	0.01		IEA	
MW-11D	11/5/1992	Chromium	37.00	ug/l	v	10		Envirotech	
MW-11D	1/21/1992	Di-n-butyl phthalate	14.00	ug/l	v	10		IEA	
MW-11D	11/5/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-11D	11/5/1992	Dissolved Cadmium	8.00	ug/l	v	5		Envirotech	
MW-11D	11/5/1992	Dissolved Chromium	32.10	ug/l	v	10		Envirotech	
MW-11D	11/5/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-11D	11/5/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-11D	11/5/1992	Dissolved Manganese	79.20	ug/l	v	15		Envirotech	
MW-11D	11/5/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-11D	1/21/1992	Iron	2.70	mg/l	v	0.030		IEA	
MW-11D	11/5/1992	Iron	414.00	ug/l	v	100		Envirotech	
MW-11D	1/21/1992	Laboratory conductivity	150.00	uS/cm	v	1		IEA	
MW-11D	1/21/1992	Laboratory pH	6.10	s.u.	v			IEA	
MW-11D	1/21/1992	Lead	0.005	mg/l	u	0.005		IEA	
MW-11D	11/5/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-11D	1/21/1992	Manganese	0.06	mg/l	v	0.01		IEA	
MW-11D	11/5/1992	Manganese	81.40	ug/l	v	15		Envirotech	
MW-11D	1/21/1992	Mercury	0.001	mg/l	u	0.0005		IEA	
MW-11D	11/5/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-11D	1/21/1992	Methyl ethyl ketone	100.00	ug/l	u	100		IEA	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-11D	1/21/1992	Methylene chloride	5.00	ug/l	u	5		IEA	
MW-11D	11/5/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-11D	1/21/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		IEA	
MW-11D	11/5/1992	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-11D	1/21/1992	Total organic carbon	5.00	mg/l	v	1		IEA	
MW-11D	1/21/1992	Total organic halides	0.15	mg/l	v	0.01		IEA	
MW-12	12/14/1999	1,1,1-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	1,1,2,2-Tetrachloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	1,1,2-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	1,1-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	11/6/1992	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	3/26/1993	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	10/29/1993	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	3/7/1994	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	6/21/1994	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10			
MW-12	6/29/1995	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	12/11/1995	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1996	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	1,2-Dichlorobenzene (SVOA)	0.40	ug/l	jv	10		Envirotech	
MW-12	6/18/1997	1,2-Dichlorobenzene (SVOA)	10.20	ug/l	u	10.20			
MW-12	12/9/1997	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10			
MW-12	8/19/1998	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10			
MW-12	12/10/1998	1,2-Dichlorobenzene (SVOA)	10.00	ug/l	u	10			
MW-12	12/13/1994	1,2-Dichlorobenzene (VOA)	10.00	ug/l	u	10		Envirotech	
MW-12	12/14/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-07
MW-12	3/26/1993	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	10/29/1993	Acetone	5.00	ug/l	u	5		Envirotech	
MW-12	3/7/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	6/21/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	6/29/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	12/11/1995	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	Acetone	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-12	12/9/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-12	8/19/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-12	12/10/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-12	12/14/1999	Acetone	100.00	ug/l	u	100	8260B	SPLLAF	9912944-07
MW-12	6/18/1996	Arsenic	4.00	ug/l	u	4		Envirotech	
MW-12	11/6/1992	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	3/26/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	10/29/1993	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	3/7/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/21/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	12/13/1994	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/29/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	12/11/1995	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/18/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	12/10/1996	Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-12	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-12	8/19/1998	Barium	200.00	ug/l	u	200		UHL	
MW-12	12/10/1998	Barium	200.00	ug/l	u	200		UHL	
MW-12	11/6/1992	Benzene	10.00	ug/l	v	5		Envirotech	
MW-12	3/26/1993	Benzene	41.00	ug/l	v	5		Envirotech	
MW-12	10/29/1993	Benzene	24.00	ug/l	v	1		Envirotech	
MW-12	3/7/1994	Benzene	20.00	ug/l	v	5		Envirotech	
MW-12	6/21/1994	Benzene	19.00	ug/l	v	5		Envirotech	
MW-12	12/13/1994	Benzene	15.00	ug/l	v	5		Envirotech	
MW-12	6/29/1995	Benzene	8.40	ug/l	v	5		Envirotech	
MW-12	12/11/1995	Benzene	12.00	ug/l	v	5		Envirotech	
MW-12	6/18/1996	Benzene	9.70	ug/l	jv	5		Envirotech	
MW-12	12/10/1996	Benzene	7.80	ug/l	v	5		Envirotech	
MW-12	6/18/1997	Benzene	10.60	ug/l	v	5		UHL	
MW-12	12/9/1997	Benzene	8.84	ug/l	v	5		UHL	
MW-12	8/19/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-12	12/10/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-12	6/10/1999	Benzene	1.00	ug/l	u	1		Pace	
MW-12	12/14/1999	Benzene	1.00	ug/l	u	1	8260B	SPLLAF	9912944-07
MW-12	6/6/2000	Benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-07
MW-12	12/14/2000	Benzene	<1	ppb	u		SW-846 8260		
MW-12	6/26/2001	Benzene	<1	ug/l	u		SW-846 8021		
MW-12	12/11/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-12	6/19/2002	Benzene	<0.05	ug/l	u		SW-846 8021		
MW-12	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-02
MW-12	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-02
MW-12	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-07
MW-12	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-02
MW-12	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-02
MW-12	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-02

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-12	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-02
MW-12	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-12	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-02
MW-12	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-02
MW-12	12/4/2007	Benzene	ND	ug/l	u		8260 B		07120184-02
MW-12	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-02
MW-12	12/2/2008	Benzene	<1	ug/l	u		8260 B		08120127-02
MW-12	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-02
MW-12	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-02
MW-12	8/10/2011	Benzene	< 1	ug/l	u		8021 B		L530497-09
MW-12	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-02
MW-12	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-02
MW-12	11/6/1992	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	3/26/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	10/29/1993	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	3/7/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	6/21/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	6/29/1995	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	12/11/1995	bis(2-Ethylhexyl)phthalate	2.60	ug/l	jv	10		Envirotech	
MW-12	6/18/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1997	bis(2-Ethylhexyl)phthalate	10.20	ug/l	u	10.20		UHL	
MW-12	12/9/1997	bis(2-Ethylhexyl)phthalate	34.70	ug/l	v	10		UHL	
MW-12	8/19/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-12	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-12	12/14/1999	Bromodichloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Bromomethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-07
MW-12	11/6/1992	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	3/26/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	10/29/1993	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	3/7/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/21/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	12/13/1994	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/29/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	12/11/1995	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	12/10/1996	Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-12	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-12	8/19/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-12	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-12	3/26/1993	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-12	10/29/1993	Carbon disulfide	1.00	ug/l	u	1		Envirotech	
MW-12	3/7/1994	Carbon disulfide	5.00	ug/l	u	5		Envirotech	
MW-12	6/21/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-12	6/29/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-12	12/11/1995	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	Carbon disulfide	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-12	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-12	8/19/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-12	12/10/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-12	12/14/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	6/18/1996	Chloride	5.00	mg/l	u	5		Envirotech	
MW-12	11/6/1992	Chlorobenzene	5.00	ug/l	u	5			
MW-12	3/26/1993	Chlorobenzene	5.00	ug/l	u	5			
MW-12	10/29/1993	Chlorobenzene	1.00	ug/l	u	1			
MW-12	3/7/1994	Chlorobenzene	5.00	ug/l	u	5			
MW-12	6/21/1994	Chlorobenzene	5.00	ug/l	u	5			
MW-12	12/13/1994	Chlorobenzene	5.00	ug/l	u	5			
MW-12	6/29/1995	Chlorobenzene	5.00	ug/l	u	5			
MW-12	12/11/1995	Chlorobenzene	5.00	ug/l	u	5			
MW-12	6/18/1996	Chlorobenzene	0.50	ug/l	jv	5			
MW-12	12/10/1996	Chlorobenzene	5.00	ug/l	u	5			
MW-12	6/18/1997	Chlorobenzene	5.00	ug/l	u	5			
MW-12	12/9/1997	Chlorobenzene	5.00	ug/l	u	5			
MW-12	8/19/1998	Chlorobenzene	5.00	ug/l	u	5			
MW-12	12/10/1998	Chlorobenzene	5.00	ug/l	u	5			
MW-12	12/14/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-07
MW-12	11/6/1992	Chloroform	8.00	ug/l	v	5		Envirotech	
MW-12	3/26/1993	Chloroform	1.00	ug/l	jv	5		Envirotech	
MW-12	10/29/1993	Chloroform	1.00	ug/l	u	1		Envirotech	
MW-12	3/7/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-12	6/21/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-12	12/13/1994	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-12	6/29/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-12	12/11/1995	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-12	12/10/1996	Chloroform	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-12	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-12	8/19/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-12	12/10/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-12	12/14/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-07
MW-12	11/6/1992	Chromium	15.10	ug/l	v	10		Envirotech	
MW-12	3/26/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	10/29/1993	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	3/7/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/21/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/29/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	12/11/1995	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-12	12/9/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-12	8/19/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-12	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-12	12/14/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	cis-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	6/18/1996	Copper	25.00	ug/l	u	25		Envirotech	
MW-12	10/29/1993	Dibenzofuran	10.00	ug/l	u	10			
MW-12	3/7/1994	Dibenzofuran	10.00	ug/l	u	10			
MW-12	6/21/1994	Dibenzofuran	10.00	ug/l	u	10			
MW-12	12/13/1994	Dibenzofuran	10.00	ug/l	u	10			
MW-12	6/29/1995	Dibenzofuran	10.00	ug/l	u	10			
MW-12	12/11/1995	Dibenzofuran	10.00	ug/l	u	10			
MW-12	6/18/1996	Dibenzofuran	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	Dibenzofuran	10.00	ug/l	u	10			
MW-12	6/18/1997	Dibenzofuran	10.20	ug/l	u	10.20			
MW-12	12/9/1997	Dibenzofuran	10.00	ug/l	u	10			
MW-12	8/19/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-12	12/10/1998	Dibenzofuran	10.00	ug/l	u	10			
MW-12	12/14/1999	Dibromochloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	6/18/1996	Dissolved Arsenic	4.00	ug/l	u	4		Envirotech	
MW-12	11/6/1992	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	3/26/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	10/29/1993	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	3/7/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/21/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	12/13/1994	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/29/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	12/11/1995	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/18/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	12/10/1996	Dissolved Barium	200.00	ug/l	u	200		Envirotech	
MW-12	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-12	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-12	8/19/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-12	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-12	11/6/1992	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	3/26/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	10/29/1993	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	3/7/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/21/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	12/13/1994	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/29/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	12/11/1995	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	12/10/1996	Dissolved Cadmium	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-12	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-12	8/19/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-12	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-12	11/6/1992	Dissolved Chromium	12.60	ug/l	v	10		Envirotech	
MW-12	3/26/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	10/29/1993	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	3/7/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/21/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/29/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	12/11/1995	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	Dissolved Chromium	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-12	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-12	8/19/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-12	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-12	6/18/1996	Dissolved copper	25.00	ug/l	u	25		Envirotech	
MW-12	11/6/1992	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	3/26/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	10/29/1993	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	3/7/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	6/21/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	12/13/1994	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	6/29/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	12/11/1995	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	6/18/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-12	12/10/1996	Dissolved Iron	100.00	ug/l	u	100		Envirotech	
MW-12	6/18/1997	Dissolved Iron	197.00	ug/l	v	100		UHL	
MW-12	12/9/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-12	8/19/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-12	12/10/1998	Dissolved Iron	175.00	ug/l	v	100		UHL	
MW-12	3/31/2011	Dissolved Iron	<0.1	mg/l	u				L509030-06
MW-12	8/10/2011	Dissolved Iron	<0.100	mg/l	u		6020		L530497-09
MW-12	10/8/2013	Dissolved Iron	<0.100 UJ	mg/L	u j	0.100 UJ			L662184-02
MW-12	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-10
MW-12	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-10
MW-12	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-10
MW-12	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-10
MW-12	6/17/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-10
MW-12	11/6/1992	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	3/26/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	10/29/1993	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	3/7/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/21/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	12/13/1994	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/29/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	12/11/1995	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/18/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	12/10/1996	Dissolved Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-12	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-12	8/19/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-12	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-12	11/6/1992	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-12	3/26/1993	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-12	10/29/1993	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-12	3/7/1994	Dissolved Manganese	15.40	ug/l	v	15		Envirotech	
MW-12	6/21/1994	Dissolved Manganese	15.00	ug/l	u	15		Envirotech	
MW-12	12/13/1994	Dissolved Manganese	24.20	ug/l	v	15		Envirotech	
MW-12	6/29/1995	Dissolved Manganese	27.60	ug/l	v	15		Envirotech	
MW-12	12/11/1995	Dissolved Manganese	38.90	ug/l	v	15		Envirotech	
MW-12	6/18/1996	Dissolved Manganese	56.50	ug/l	v	15		Envirotech	
MW-12	12/10/1996	Dissolved Manganese	65.00	ug/l	v	15		Envirotech	
MW-12	6/18/1997	Dissolved Manganese	90.50	ug/l	v	15		UHL	
MW-12	12/9/1997	Dissolved Manganese	158.00	ug/l	v	15		UHL	
MW-12	8/19/1998	Dissolved Manganese	243.00	ug/l	v	15		UHL	
MW-12	12/10/1998	Dissolved Manganese	900.00	ug/l	v	15		UHL	
MW-12	3/31/2011	Dissolved Manganese	<0.01	mg/l	u				L509030-06
MW-12	8/10/2011	Dissolved Manganese	0.0034 J	mg/l	j		6020		L530497-09
MW-12	10/8/2013	Dissolved Manganese	<0.002 UJ	mg/L	u	0.002 UJ			L662184-02
MW-12	12/9/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-10
MW-12	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-10
MW-12	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-10
MW-12	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-10
MW-12	6/17/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-10
MW-12	11/6/1992	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	3/26/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	10/29/1993	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	3/7/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	6/21/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	12/13/1994	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	6/29/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	12/11/1995	Dissolved Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	6/18/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-12	12/10/1996	Dissolved Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-12	6/18/1997	Dissolved Mercury	0.12	ug/l	v	0.10		UHL	
MW-12	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-12	8/19/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-12	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-12	3/31/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L509030-06
MW-12	6/18/1996	Dissolved Selenium	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1996	Dissolved Silver	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1996	Dissolved zinc	20.00	ug/l	u	20		Envirotech	
MW-12	12/14/1999	Ethyl benzene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-07
MW-12	6/26/2001	Ethyl benzene	< 1	ug/l	u		SW-846 8021		
MW-12	6/19/2002	Ethyl benzene	<0.0933	ug/l	u		SW-846 8021		
MW-12	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-02
MW-12	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-02
MW-12	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-07
MW-12	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-02
MW-12	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-02
MW-12	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-02
MW-12	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-02
MW-12	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-12	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-02
MW-12	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-02
MW-12	12/4/2007	Ethyl benzene	ND	ug/l	u		8260 B		07120184-02
MW-12	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-02
MW-12	12/2/2008	Ethyl benzene	<1	ug/l	u		8260 B		08120127-02
MW-12	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-02
MW-12	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-02
MW-12	8/10/2011	Ethyl benzene	< 1	ug/l	u		8021 B		L530497-09

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-12	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-02
MW-12	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-02
MW-12	3/31/2011	Ferrous Fe	0	mg/l					L509030-06
MW-12	6/18/1996	Fluoride	1.00	mg/l	u	0.10		Envirotech	
MW-12	11/6/1992	Iron	1430.00	ug/l	v	100		Envirotech	
MW-12	3/26/1993	Iron	100.00	ug/l	u	100		Envirotech	
MW-12	10/29/1993	Iron	257.00	ug/l	v	100		Envirotech	
MW-12	3/7/1994	Iron	324.00	ug/l	v	100		Envirotech	
MW-12	6/21/1994	Iron	116.00	ug/l	v	100		Envirotech	
MW-12	12/13/1994	Iron	225.00	ug/l	v	100		Envirotech	
MW-12	6/29/1995	Iron	244.00	ug/l	v	100		Envirotech	
MW-12	12/11/1995	Iron	100.00	ug/l	u	100		Envirotech	
MW-12	6/18/1996	Iron	277.00	ug/l	v	100		Envirotech	
MW-12	12/10/1996	Iron	100.00	ug/l	u	100		Envirotech	
MW-12	6/18/1997	Iron	100.00	ug/l	u	100		UHL	
MW-12	12/9/1997	Iron	212.00	ug/l	v	100		UHL	
MW-12	8/19/1998	Iron	2510.00	ug/l	v	100		UHL	
MW-12	12/10/1998	Iron	1530.00	ug/l	v	100		UHL	
MW-12	3/31/2011	Iron	0.15	mg/l					L509030-06
MW-12	8/10/2011	Iron	<0.100	mg/l	u		6020		L530497-09
MW-12	11/6/1992	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	3/26/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	10/29/1993	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	3/7/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/21/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	12/13/1994	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/29/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	12/11/1995	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/18/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	12/10/1996	Lead	3.00	ug/l	u	3		Envirotech	
MW-12	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-12	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-12	8/19/1998	Lead	3.00	ug/l	u	3		UHL	
MW-12	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-12	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5			
MW-12	12/14/1999	m&p-Xylenes	5.00	ug/l	u	5	8260B	SPLAF	9912944-07
MW-12	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-02
MW-12	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-02
MW-12	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-07
MW-12	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-02
MW-12	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-02
MW-12	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-02
MW-12	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-02
MW-12	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-12	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-02
MW-12	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-02
MW-12	12/4/2007	m&p-Xylenes	ND	ug/l	u		8260 B		07120184-02
MW-12	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-02
MW-12	12/2/2008	m&p-Xylenes	<1	ug/l	u		8260 B		08120127-02
MW-12	6/23/2009	m&p-Xylenes	< 1	ug/l	u		8021 B		09061301-02
MW-12	11/6/1992	Manganese	48.70	ug/l	v	15		Envirotech	
MW-12	3/26/1993	Manganese	15.00	ug/l	u	15		Envirotech	
MW-12	10/29/1993	Manganese	16.10	ug/l	v	15		Envirotech	
MW-12	3/7/1994	Manganese	32.00	ug/l	v	15		Envirotech	
MW-12	6/21/1994	Manganese	23.90	ug/l	v	15		Envirotech	
MW-12	12/13/1994	Manganese	28.20	ug/l	v	15		Envirotech	
MW-12	6/29/1995	Manganese	34.40	ug/l	v	15		Envirotech	
MW-12	12/11/1995	Manganese	44.20	ug/l	v	15		Envirotech	
MW-12	6/18/1996	Manganese	79.90	ug/l	v	15		Envirotech	
MW-12	12/10/1996	Manganese	68.00	ug/l	v	15		Envirotech	
MW-12	6/18/1997	Manganese	111.00	ug/l	v	15		UHL	
MW-12	12/9/1997	Manganese	235.00	ug/l	v	15		UHL	
MW-12	8/19/1998	Manganese	489.00	ug/l	v	15		UHL	
MW-12	12/10/1998	Manganese	965.00	ug/l	v	15		UHL	
MW-12	3/31/2011	Manganese	<0.01	mg/l	u				L509030-06
MW-12	8/10/2011	Manganese	0.0048 J	mg/l	j		6020		L530497-09
MW-12	11/6/1992	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	3/26/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	10/29/1993	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	3/7/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	6/21/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	12/13/1994	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	6/29/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	12/11/1995	Mercury	0.20	ug/l	u	0.20		Envirotech	
MW-12	6/18/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-12	12/10/1996	Mercury	0.10	ug/l	u	0.10		Envirotech	
MW-12	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-12	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-12	8/19/1998	Mercury	0.15	ug/l	v	0.10		UHL	
MW-12	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-12	3/26/1993	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-12	10/29/1993	Methyl ethyl ketone	5.00	ug/l	u	5		Envirotech	
MW-12	3/7/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-12	6/21/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-12	6/29/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-12	12/11/1995	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-12	6/18/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-12	12/10/1996	Methyl ethyl ketone	10.00	ug/l	u	10		Envirotech	
MW-12	6/18/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-12	12/9/1997	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-12	8/19/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-12	12/10/1998	Methyl ethyl ketone	10.00	ug/l	u	10		UHL	
MW-12	12/14/1999	Methyl ethyl ketone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-07
MW-12	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-02
MW-12	11/6/1992	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	3/26/1993	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	10/29/1993	Methylene chloride	1.10	ug/l	v	1		Envirotech	
MW-12	3/7/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	6/21/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	12/13/1994	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	6/29/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	12/11/1995	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	12/10/1996	Methylene chloride	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-12	12/9/1997	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-12	8/19/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-12	12/10/1998	Methylene chloride	5.00	ug/l	u	5		UHL	
MW-12	12/14/1999	Methylene chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	11/6/1992	Naphthalene (SVOA)	3.00	ug/l	jv	10		Envirotech	
MW-12	3/26/1993	Naphthalene (SVOA)	3.00	ug/l	jv	10		Envirotech	
MW-12	10/29/1993	Naphthalene (SVOA)	1.50	ug/l	jv	10		Envirotech	
MW-12	3/7/1994	Naphthalene (SVOA)	2.00	ug/l	jv	10		Envirotech	
MW-12	6/21/1994	Naphthalene (SVOA)	10.00	ug/l	u	10		Envirotech	
MW-12	12/13/1994	Naphthalene (SVOA)	2.20	ug/l	jv	10		Envirotech	
MW-12	6/29/1995	Naphthalene (SVOA)	1.90	ug/l	jv	10		Envirotech	
MW-12	12/11/1995	Naphthalene (SVOA)	2.50	ug/l	jv	10		Envirotech	
MW-12	6/18/1996	Naphthalene (SVOA)	1.00	ug/l	jv	10		Envirotech	
MW-12	12/10/1996	Naphthalene (SVOA)	1.70	ug/l	jv	10		Envirotech	
MW-12	6/18/1997	Naphthalene (SVOA)	10.20	ug/l	u	10.20			
MW-12	12/9/1997	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-12	8/19/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-12	12/10/1998	Naphthalene (SVOA)	10.00	ug/l	u	10			
MW-12	6/18/1996	Nitrate	0.10	mg/l	u	0.10		Envirotech	
MW-12	6/10/1999	o-Xylene	5.00	ug/l	u	5			
MW-12	12/14/1999	o-Xylene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-02
MW-12	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-02
MW-12	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-07
MW-12	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-02
MW-12	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-02
MW-12	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-02
MW-12	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-02
MW-12	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-12	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-02
MW-12	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-02
MW-12	12/4/2007	o-Xylene	ND	ug/l	u		8260 B		07120184-02
MW-12	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-02
MW-12	12/2/2008	o-Xylene	<1	ug/l	u		8260 B		08120127-02
MW-12	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-02
MW-12	3/31/2011	pH	7.30	s.u.					L509030-06
MW-12	6/18/1996	Selenium	5.00	ug/l	u	5		Envirotech	
MW-12	6/18/1996	Silver	10.00	ug/l	u	10		Envirotech	
MW-12	12/14/1999	Styrene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	6/18/1996	Sulfate	6.20	mg/l	v	1		Envirotech	
MW-12	12/14/1999	Tetrachloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	11/6/1992	Toluene	5.00	ug/l	u	5		Envirotech	
MW-12	3/26/1993	Toluene	5.00	ug/l	u	5		Envirotech	
MW-12	10/29/1993	Toluene	1.00	ug/l	u	1			
MW-12	3/7/1994	Toluene	5.00	ug/l	u	5		Envirotech	
MW-12	6/21/1994	Toluene	5.00	ug/l	u	5		Envirotech	
MW-12	12/13/1994	Toluene	5.00	ug/l	u	5		Envirotech	
MW-12	6/29/1995	Toluene	1.40	ug/l	jv	5		Envirotech	
MW-12	12/11/1995	Toluene	5.00	ug/l	u	5			
MW-12	6/18/1996	Toluene	5.00	ug/l	u	5			
MW-12	12/10/1996	Toluene	5.00	ug/l	u	5			
MW-12	6/18/1997	Toluene	5.00	ug/l	u	5			
MW-12	12/9/1997	Toluene	5.00	ug/l	u	5			
MW-12	8/19/1998	Toluene	5.00	ug/l	u	5			
MW-12	12/10/1998	Toluene	5.00	ug/l	u	5			
MW-12	6/10/1999	Toluene	5.00	ug/l	u	5			
MW-12	12/14/1999	Toluene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	6/6/2000	Toluene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-07
MW-12	6/26/2001	Toluene	< 1	ug/l	u		SW-846 8021		
MW-12	6/19/2002	Toluene	<0.05	ug/l	u		SW-846 8021		
MW-12	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-02
MW-12	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-02
MW-12	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-07
MW-12	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-02
MW-12	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-02
MW-12	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-02
MW-12	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-02
MW-12	6/27/2006	Toluene	ND	ug/l	u		8021 B		

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-12	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-02
MW-12	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-02
MW-12	12/4/2007	Toluene	ND	ug/l	u		8260 B		07120184-02
MW-12	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-02
MW-12	12/2/2008	Toluene	<1	ug/l	u		8260 B		08120127-02
MW-12	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-02
MW-12	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-02
MW-12	8/10/2011	Toluene	< 5	ug/l	u		8021 B		L530497-09
MW-12	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-02
MW-12	10/8/2013	Toluene	<5.0	ug/L	u	5			L662184-02
MW-12	6/18/1996	Total dissolved solids	148.00	mg/l	v	10		Envirotech	
MW-12	10/8/2013	Total Iron	0.12	mg/L					L662184-02
MW-12	12/9/2014	Total Iron	< 0.1	mg/L	u	0.1			L738573-10
MW-12	9/2/2015	Total Iron	<0.1	mg/L	u	0.1			L787147-10
MW-12	6/7/2016	Total Iron	0.168	mg/L					L840417-10
MW-12	3/7/2017	Total Iron	<0.1	mg/L	u	0.1			L894955-10
MW-12	6/17/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-10
MW-12	10/8/2013	Total Manganese	0.0069 J	mg/L	j				L662184-02
MW-12	12/9/2014	Total Manganese	0.0062	mg/L					L738573-10
MW-12	9/2/2015	Total Manganese	<0.005	mg/L	u	0.005			L787147-10
MW-12	6/7/2016	Total Manganese	0.0248	mg/L					L840417-10
MW-12	3/7/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-10
MW-12	6/17/2020	Total Manganese	<0.005	mg/L	u	0.005			L1231176-10
MW-12	3/31/2011	Total Organic Carbon	1.70	mg/l					L509030-06
MW-12	3/31/2011	Total Suspended Solids	3.60	mg/l					L509030-06
MW-12	12/14/1999	trans-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	trans-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Trichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Trichlorofluoromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Vinyl acetate	10.00	ug/l	u	10	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Vinyl chloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	12/14/1999	Xylenes, Total	5.00	ug/l	u	5	8260B	SPLLAF	9912944-07
MW-12	6/6/2000	Xylenes, Total	1.00	ug/l	u	1	8021B	SPLLAF	0006308-07
MW-12	6/26/2001	Xylenes, Total	< 1	ug/l	u		SW-846 8021		
MW-12	6/19/2002	Xylenes, Total	<0.15	ug/l	u		SW-846 8021		
MW-12	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-02
MW-12	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-02
MW-12	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-07
MW-12	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-02
MW-12	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-02
MW-12	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-02
MW-12	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-02
MW-12	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-12	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-02
MW-12	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-02
MW-12	12/4/2007	Xylenes, Total	ND	ug/l	u		8260 B		07120184-02
MW-12	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-02
MW-12	12/2/2008	Xylenes, Total	<1	ug/l	u		8260 B		08120127-02
MW-12	6/23/2009	Xylenes, Total	< 1	ug/l	u		8021 B		09061301-02
MW-12	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-02
MW-12	8/10/2011	Xylenes, Total	< 3	ug/l	u		8021 B		L530497-09
MW-12	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-02
MW-12	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-02
MW-12	6/18/1996	Zinc	20.00	ug/l	u	20		Envirotech	
MW-13	12/14/1999	1,1,1-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	1,1,2,2-Tetrachloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	1,1,2-Trichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	1,1-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	1,2-Dichloroethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	1,2-Dichloropropane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	2-Hexanone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	4-Methyl-2-pentanone	10.00	ug/l	u	10	8260B	SPLLAF	9912944-08
MW-13	6/18/1997	Acetone	10.00	ug/l	u	10		UHL	
MW-13	12/9/1997	Acetone	68.70	ug/l	v	10		UHL	
MW-13	8/19/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-13	12/10/1998	Acetone	10.00	ug/l	u	10		UHL	
MW-13	12/14/1999	Acetone	100.00	ug/l	u	100	8260B	SPLLAF	9912944-08
MW-13	6/18/1997	Barium	200.00	ug/l	u	200		UHL	
MW-13	12/9/1997	Barium	200.00	ug/l	u	200		UHL	
MW-13	8/19/1998	Barium	200.00	ug/l	u	200		UHL	
MW-13	12/10/1998	Barium	200.00	ug/l	u	200		UHL	
MW-13	6/18/1996	Benzene	6.00	ug/l	v	5		SPL	
MW-13	6/18/1997	Benzene	5.24	ug/l	v	5		UHL	
MW-13	12/9/1997	Benzene	5.00	ug/l	u	5		UHL	
MW-13	8/19/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-13	12/10/1998	Benzene	5.00	ug/l	u	5		UHL	
MW-13	6/10/1999	Benzene	1.45	ug/l	v	1		Pace	
MW-13	12/14/1999	Benzene	1.00	ug/l	u	1			
MW-13	6/6/2000	Benzene	1.00	ug/l	u	1	8260B	SPLLAF	9912944-08
MW-13	12/14/2000	Benzene	<1	ppb	u		8021B	SPLLAF	0006308-08
MW-13	6/25/2001	Benzene	< 1	ug/l	u		SW-846 8021		
MW-13	12/11/2001	Benzene	<1	ug/l	u		SW-846 8260		
MW-13	6/19/2002	Benzene	<0.05	ug/l	u		SW-846 8021		
MW-13	12/13/2002	Benzene	ND	ug/l	u		8260 B		02120518-03
MW-13	6/18/2003	Benzene	ND	ug/l	u		8260 B		03060775-03

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Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13	12/2/2003	Benzene	ND	ug/l	u		8260 B		03120155-08
MW-13	6/8/2004	Benzene	ND	ug/l	u		8021 B		04060338-03
MW-13	12/1/2004	Benzene	ND	ug/l	u		8021 B		04120075-03
MW-13	6/14/2005	Benzene	ND	ug/l	u		8021 B		05060699-03
MW-13	12/13/2005	Benzene	ND	ug/l	u		8021 B		05120626-03
MW-13	6/27/2006	Benzene	ND	ug/l	u		8021 B		
MW-13	12/19/2006	Benzene	ND	ug/l	u		8260 B		06121018-03
MW-13	6/12/2007	Benzene	ND	ug/l	u		8021 B		07060670-03
MW-13	12/4/2007	Benzene	ND	ug/l	u		8260 B		07120184-03
MW-13	6/3/2008	Benzene	ND	ug/l	u		8021 B		08060177-03
MW-13	12/2/2008	Benzene	<1	ug/l	u		8260 B		08120127-03
MW-13	6/23/2009	Benzene	< 1	ug/l	u		8021 B		09061301-03
MW-13	12/1/2009	Benzene	<1	ug/l	u		8260 B		L434468-03
MW-13	8/10/2011	Benzene	< 1	ug/l	u		8021 B		L530497-10
MW-13	10/9/2012	Benzene	<1.0	ug/l	u		8260 B		L600034-03
MW-13	10/8/2013	Benzene	<1.0	ug/L	u	1			L662184-03
MW-13	6/18/1997	bis(2-Ethylhexyl)phthalate	10.10	ug/l	u	10.10		UHL	
MW-13	12/9/1997	bis(2-Ethylhexyl)phthalate	11.50	ug/l	v	10		UHL	
MW-13	8/19/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-13	12/10/1998	bis(2-Ethylhexyl)phthalate	10.00	ug/l	u	10		UHL	
MW-13	12/14/1999	Bromodichloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Bromoform	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Bromomethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-08
MW-13	6/18/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-13	12/9/1997	Cadmium	5.00	ug/l	u	5		UHL	
MW-13	8/19/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-13	12/10/1998	Cadmium	5.00	ug/l	u	5		UHL	
MW-13	6/18/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-13	12/9/1997	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-13	8/19/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-13	12/10/1998	Carbon disulfide	10.00	ug/l	u	10		UHL	
MW-13	12/14/1999	Carbon disulfide	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Carbon tetrachloride	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Chlorobenzene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Chloroethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-08
MW-13	6/18/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-13	12/9/1997	Chloroform	5.00	ug/l	u	5		UHL	
MW-13	8/19/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-13	12/10/1998	Chloroform	5.00	ug/l	u	5		UHL	
MW-13	12/14/1999	Chloroform	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Chloromethane	10.00	ug/l	u	10	8260B	SPLLAF	9912944-08
MW-13	6/18/1997	Chromium	10.00	ug/l	u	10		UHL	
MW-13	12/9/1997	Chromium	19.30	ug/l	v	10		UHL	
MW-13	8/19/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-13	12/10/1998	Chromium	10.00	ug/l	u	10		UHL	
MW-13	12/14/1999	cis-1,2-Dichloroethene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	cis-1,3-Dichloropropene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Dibromochloromethane	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	6/18/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-13	12/9/1997	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-13	8/19/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-13	12/10/1998	Dissolved Barium	200.00	ug/l	u	200		UHL	
MW-13	6/18/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-13	12/9/1997	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-13	8/19/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-13	12/10/1998	Dissolved Cadmium	5.00	ug/l	u	5		UHL	
MW-13	6/18/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-13	12/9/1997	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-13	8/19/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-13	12/10/1998	Dissolved Chromium	10.00	ug/l	u	10		UHL	
MW-13	6/18/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-13	12/9/1997	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-13	8/19/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-13	12/10/1998	Dissolved Iron	100.00	ug/l	u	100		UHL	
MW-13	8/10/2011	Dissolved Iron	<0.100	mg/l	u		6020		L530497-10
MW-13	10/8/2013	Dissolved Iron	<0.100 UJ	mg/L	u j	0.100 UJ			L662184-03
MW-13	12/9/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-11
MW-13	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-11
MW-13	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-11
MW-13	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-11
MW-13	6/18/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-13	12/9/1997	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-13	8/19/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-13	12/10/1998	Dissolved Lead	3.00	ug/l	u	3		UHL	
MW-13	6/18/1997	Dissolved Manganese	47.20	ug/l	v	15		UHL	
MW-13	12/9/1997	Dissolved Manganese	61.10	ug/l	v	15		UHL	
MW-13	8/19/1998	Dissolved Manganese	77.60	ug/l	v	15		UHL	
MW-13	12/10/1998	Dissolved Manganese	39.10	ug/l	v	15		UHL	
MW-13	8/10/2011	Dissolved Manganese	<0.002	mg/l	u		6020		L530497-10
MW-13	10/8/2013	Dissolved Manganese	0.0056 J	mg/L	j				L662184-03
MW-13	12/9/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-11
MW-13	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-11
MW-13	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-11
MW-13	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-11
MW-13	6/18/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-13	12/9/1997	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-13	8/19/1998	Dissolved Mercury	0.100	ug/l	v	0.10		UHL	

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13	12/10/1998	Dissolved Mercury	0.10	ug/l	u	0.10		UHL	
MW-13	12/14/1999	Ethyl benzene	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	6/6/2000	Ethyl benzene	1.00	ug/l	u	1	8021B	SPLLAF	0006308-08
MW-13	6/25/2001	Ethyl benzene	< 1	ug/l	u		SW-846 8021		
MW-13	6/19/2002	Ethyl benzene	<0.0933	ug/l	u		SW-846 8021		
MW-13	12/13/2002	Ethyl benzene	ND	ug/l	u		8260 B		02120518-03
MW-13	6/18/2003	Ethyl benzene	ND	ug/l	u		8260 B		03060775-03
MW-13	12/2/2003	Ethyl benzene	ND	ug/l	u		8260 B		03120155-08
MW-13	6/8/2004	Ethyl benzene	ND	ug/l	u		8021 B		04060338-03
MW-13	12/1/2004	Ethyl benzene	ND	ug/l	u		8021 B		04120075-03
MW-13	6/14/2005	Ethyl benzene	ND	ug/l	u		8021 B		05060699-03
MW-13	12/13/2005	Ethyl benzene	ND	ug/l	u		8021 B		05120626-03
MW-13	6/27/2006	Ethyl benzene	ND	ug/l	u		8021 B		
MW-13	12/19/2006	Ethyl benzene	ND	ug/l	u		8260 B		06121018-03
MW-13	6/12/2007	Ethyl benzene	ND	ug/l	u		8021 B		07060670-03
MW-13	12/4/2007	Ethyl benzene	ND	ug/l	u		8260 B		07120184-03
MW-13	6/3/2008	Ethyl benzene	ND	ug/l	u		8021 B		08060177-03
MW-13	12/2/2008	Ethyl benzene	<1	ug/l	u		8260 B		08120127-03
MW-13	6/23/2009	Ethyl benzene	< 1	ug/l	u		8021 B		09061301-03
MW-13	12/1/2009	Ethyl benzene	<1	ug/l	u		8260 B		L434468-03
MW-13	8/10/2011	Ethyl benzene	< 1	ug/l	u		8021 B		L530497-10
MW-13	10/9/2012	Ethyl benzene	<1.0	ug/l	u		8260 B		L600034-03
MW-13	10/8/2013	Ethyl benzene	<1.0	ug/L	u	1			L662184-03
MW-13	6/18/1997	Iron	283.00	ug/l	v	100		UHL	
MW-13	12/9/1997	Iron	346.00	ug/l	v	100		UHL	
MW-13	8/19/1998	Iron	100.00	ug/l	u	100		UHL	
MW-13	12/10/1998	Iron	100.00	ug/l	u	100		UHL	
MW-13	8/10/2011	Iron	0.23	mg/l			6020		L530497-10
MW-13	6/18/1997	Lead	3.00	ug/l	u	3		UHL	
MW-13	12/9/1997	Lead	3.00	ug/l	u	3		UHL	
MW-13	8/19/1998	Lead	3.00	ug/l	u	3		UHL	
MW-13	12/10/1998	Lead	3.00	ug/l	u	3		UHL	
MW-13	6/10/1999	m&p-Xylenes	5.00	ug/l	u	5			
MW-13	12/14/1999	m&p-Xylenes	5.00	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/13/2002	m&p-Xylenes	ND	ug/l	u		8260 B		02120518-03
MW-13	6/18/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03060775-03
MW-13	12/2/2003	m&p-Xylenes	ND	ug/l	u		8260 B		03120155-08
MW-13	6/8/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04060338-03
MW-13	12/1/2004	m&p-Xylenes	ND	ug/l	u		8021 B		04120075-03
MW-13	6/14/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05060699-03
MW-13	12/13/2005	m&p-Xylenes	ND	ug/l	u		8021 B		05120626-03
MW-13	6/27/2006	m&p-Xylenes	ND	ug/l	u		8021 B		
MW-13	12/19/2006	m&p-Xylenes	ND	ug/l	u		8260 B		06121018-03
MW-13	6/12/2007	m&p-Xylenes	ND	ug/l	u		8021 B		07060670-03
MW-13	12/4/2007	m&p-Xylenes	ND	ug/l	u		8260 B		07120184-03
MW-13	6/3/2008	m&p-Xylenes	ND	ug/l	u		8021 B		08060177-03
MW-13	12/2/2008	m&p-Xylenes	<1	ug/l	u		8260 B		08120127-03
MW-13	6/23/2009	m&p-Xylenes	< 1	ug/l	u		8021 B		09061301-03
MW-13	6/18/1997	Manganese	103.00	ug/l	v	15		UHL	
MW-13	12/9/1997	Manganese	110.00	ug/l	v	15		UHL	
MW-13	8/19/1998	Manganese	72.00	ug/l	v	15		UHL	
MW-13	12/10/1998	Manganese	47.00	ug/l	v	15		UHL	
MW-13	8/10/2011	Manganese	0.012 J	mg/l	j		6020		L530497-10
MW-13	6/18/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-13	12/9/1997	Mercury	0.10	ug/l	u	0.10		UHL	
MW-13	8/19/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-13	12/10/1998	Mercury	0.10	ug/l	u	0.10		UHL	
MW-13	6/18/1997	Methyl ethyl ketone	10	ug/l	u	10		UHL	
MW-13	12/9/1997	Methyl ethyl ketone	10	ug/l	u	10		UHL	
MW-13	8/19/1998	Methyl ethyl ketone	10	ug/l	u	10		UHL	
MW-13	12/10/1998	Methyl ethyl ketone	10	ug/l	u	10		UHL	
MW-13	12/14/1999	Methyl ethyl ketone	10	ug/l	u	10	8260B	SPLLAF	9912944-08
MW-13	6/3/2008	Methyl tert-butyl ether	ND	ug/l	u		8021 B		08060177-03
MW-13	6/18/1997	Methylene chloride	5	ug/l	u	5		UHL	
MW-13	12/9/1997	Methylene chloride	24.5	ug/l	bv	5		UHL	
MW-13	8/19/1998	Methylene chloride	5	ug/l	u	5		UHL	
MW-13	12/10/1998	Methylene chloride	5	ug/l	u	5		UHL	
MW-13	12/14/1999	Methylene chloride	5	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	6/10/1999	o-Xylene	5	ug/l	u	5			
MW-13	12/14/1999	o-Xylene	5	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/13/2002	o-Xylene	ND	ug/l	u		8260 B		02120518-03
MW-13	6/18/2003	o-Xylene	ND	ug/l	u		8260 B		03060775-03
MW-13	12/2/2003	o-Xylene	ND	ug/l	u		8260 B		03120155-08
MW-13	6/8/2004	o-Xylene	ND	ug/l	u		8021 B		04060338-03
MW-13	12/1/2004	o-Xylene	ND	ug/l	u		8021 B		04120075-03
MW-13	6/14/2005	o-Xylene	ND	ug/l	u		8021 B		05060699-03
MW-13	12/13/2005	o-Xylene	ND	ug/l	u		8021 B		05120626-03
MW-13	6/27/2006	o-Xylene	ND	ug/l	u		8021 B		
MW-13	12/19/2006	o-Xylene	ND	ug/l	u		8260 B		06121018-03
MW-13	6/12/2007	o-Xylene	ND	ug/l	u		8021 B		07060670-03
MW-13	12/4/2007	o-Xylene	ND	ug/l	u		8260 B		07120184-03
MW-13	6/3/2008	o-Xylene	ND	ug/l	u		8021 B		08060177-03
MW-13	12/2/2008	o-Xylene	<1	ug/l	u		8260 B		08120127-03
MW-13	6/23/2009	o-Xylene	< 1	ug/l	u		8021 B		09061301-03
MW-13	12/14/1999	Styrene	5	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Tetrachloroethene	5	ug/l	u	5	8260B	SPLLAF	9912944-08
MW-13	12/14/1999	Toluene	5	ug/l	u	5	8260B	SPLLAF	9912944-08

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13	6/6/2000	Toluene	1	ug/l	u	1	8021B	SPLLA	0006308-08
MW-13	6/25/2001	Toluene	< 1	ug/l	u		SW-846 8021		
MW-13	6/19/2002	Toluene	<0.05	ug/l	u		SW-846 8021		
MW-13	12/13/2002	Toluene	ND	ug/l	u		8260 B		02120518-03
MW-13	6/18/2003	Toluene	ND	ug/l	u		8260 B		03060775-03
MW-13	12/2/2003	Toluene	ND	ug/l	u		8260 B		03120155-08
MW-13	6/8/2004	Toluene	ND	ug/l	u		8021 B		04060338-03
MW-13	12/1/2004	Toluene	ND	ug/l	u		8021 B		04120075-03
MW-13	6/14/2005	Toluene	ND	ug/l	u		8021 B		05060699-03
MW-13	12/13/2005	Toluene	ND	ug/l	u		8021 B		05120626-03
MW-13	6/27/2006	Toluene	ND	ug/l	u		8021 B		
MW-13	12/19/2006	Toluene	ND	ug/l	u		8260 B		06121018-03
MW-13	6/12/2007	Toluene	ND	ug/l	u		8021 B		07060670-03
MW-13	12/4/2007	Toluene	ND	ug/l	u		8260 B		07120184-03
MW-13	6/3/2008	Toluene	ND	ug/l	u		8021 B		08060177-03
MW-13	12/2/2008	Toluene	<1	ug/l	u		8260 B		08120127-03
MW-13	6/23/2009	Toluene	< 1	ug/l	u		8021 B		09061301-03
MW-13	12/1/2009	Toluene	<5	ug/l	u		8260 B		L434468-03
MW-13	8/10/2011	Toluene	< 5	ug/l	u		8021 B		L530497-10
MW-13	10/9/2012	Toluene	<5.0	ug/l	u		8260 B		L600034-03
MW-13	10/8/2013	Toluene	<5.0	ug/l	u	5			L662184-03
MW-13	10/8/2013	Total Iron	0.12	mg/L					L662184-03
MW-13	12/9/2014	Total Iron	< 0.1	mg/L	u	0.1			L738573-11
MW-13	9/2/2015	Total Iron	<0.1	mg/L	u	0.1			L787147-11
MW-13	6/7/2016	Total Iron	<0.1	mg/L	u	0.1			L840417-11
MW-13	3/7/2017	Total Iron	<0.1	mg/L	u	0.1			L894955-11
MW-13	10/8/2013	Total Manganese	0.0096 J	mg/L	j				L662184-03
MW-13	12/9/2014	Total Manganese	< 0.005	mg/L	u	0.005			L738573-11
MW-13	9/2/2015	Total Manganese	<0.005	mg/L	u	0.005			L787147-11
MW-13	6/7/2016	Total Manganese	0.00656	mg/L					L840417-11
MW-13	3/7/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-11
MW-13	12/14/1999	trans-1,2-Dichloroethene	5	ug/l	u	5	8260B	SPLLA	9912944-08
MW-13	12/14/1999	trans-1,3-Dichloropropene	5	ug/l	u	5	8260B	SPLLA	9912944-08
MW-13	12/14/1999	Trichloroethene	5	ug/l	u	5	8260B	SPLLA	9912944-08
MW-13	12/14/1999	Trichlorofluoromethane	5	ug/l	u	5	8260B	SPLLA	9912944-08
MW-13	12/14/1999	Vinyl acetate	10	ug/l	u	10	8260B	SPLLA	9912944-08
MW-13	12/14/1999	Vinyl chloride	5	ug/l	u	5	8260B	SPLLA	9912944-08
MW-13	12/14/1999	Xylenes, Total	5	ug/l	u	5	8260B	SPLLA	9912944-08
MW-13	6/6/2000	Xylenes, Total	1	ug/l	u	1	8021B	SPLLA	0006308-08
MW-13	6/25/2001	Xylenes, Total	< 1	ug/l	u		SW-846 8021		
MW-13	6/19/2002	Xylenes, Total	<0.15	ug/l	u		SW-846 8021		
MW-13	12/13/2002	Xylenes, Total	ND	ug/l	u		8260 B		02120518-03
MW-13	6/18/2003	Xylenes, Total	ND	ug/l	u		8260 B		03060775-03
MW-13	12/2/2003	Xylenes, Total	ND	ug/l	u		8260 B		03120155-08
MW-13	6/8/2004	Xylenes, Total	ND	ug/l	u		8021 B		04060338-03
MW-13	12/1/2004	Xylenes, Total	ND	ug/l	u		8021 B		04120075-03
MW-13	6/14/2005	Xylenes, Total	ND	ug/l	u		8021 B		05060699-03
MW-13	12/13/2005	Xylenes, Total	ND	ug/l	u		8021 B		05120626-03
MW-13	6/27/2006	Xylenes, Total	ND	ug/l	u		8021 B		
MW-13	12/19/2006	Xylenes, Total	ND	ug/l	u		8260 B		06121018-03
MW-13	6/12/2007	Xylenes, Total	ND	ug/l	u		8021 B		07060670-03
MW-13	12/4/2007	Xylenes, Total	ND	ug/l	u		8260 B		07120184-03
MW-13	6/3/2008	Xylenes, Total	ND	ug/l	u		8021 B		08060177-03
MW-13	12/2/2008	Xylenes, Total	<1	ug/l	u		8260 B		08120127-03
MW-13	6/23/2009	Xylenes, Total	< 1	ug/l	u		8021 B		09061301-03
MW-13	12/1/2009	Xylenes, Total	<3	ug/l	u		8260 B		L434468-03
MW-13	8/10/2011	Xylenes, Total	< 3	ug/l	u		8021 B		L530497-10
MW-13	10/9/2012	Xylenes, Total	<3.0	ug/l	u		8260 B		L600034-03
MW-13	10/8/2013	Xylenes, Total	<3.0	ug/L	u	3			L662184-03
MW-13-1	6/12/2013	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,1,2,2-Tetrachloroethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,1,2-Trichlorotrifluoroethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	6/12/2013	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,1-Dichloroethene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,1-Dichloroethene	<1	ug/L	u	1			L787147-16

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	6/8/2016	1,1-Dichloroethene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,1-Dichloroethene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-1	6/12/2013	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	6/12/2013	1,2,4-Trichlorobenzene	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-16
MW-13-1	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-16
MW-13-1	6/12/2013	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/11/2001	1,2-Dichlorobenzene	ND	ug/l	u				
MW-13-1	6/12/2013	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/11/2001	1,2-Diphenylhydrazine	ND	ug/l	u				
MW-13-1	12/11/2001	1,3-Dichlorobenzene	ND	ug/l	u				
MW-13-1	6/12/2013	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-1	6/12/2013	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	1-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2,4 Dimethylphenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	2,4,5-Trichlorophenol	ND	ug/l	u				
MW-13-1	6/12/2013	2,4,5-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	2,4,6-Trichlorophenol	ND	ug/l	u				
MW-13-1	6/12/2013	2,4,6-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	2,4-Dichlorophenol	ND	ug/l	u				
MW-13-1	6/12/2013	2,4-Dichlorophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	2,4-Dimethylphenol	ND	ug/l	u				
MW-13-1	6/12/2013	2,4-Dimethylphenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	2,4-Dinitrophenol	ND	ug/l	u				
MW-13-1	6/12/2013	2,4-Dinitrophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	2,4-Dinitrotoluene	ND	ug/l	u				
MW-13-1	6/12/2013	2,4-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-15

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	2,6-Dinitrotoluene	ND	ug/l	u				
MW-13-1	6/12/2013	2,6-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-16
MW-13-1	12/11/2001	2-Chloronaphthalene	ND	ug/l	u				
MW-13-1	6/12/2013	2-Chloronaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	2-Chloronaphthalene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	2-Chlorophenol	ND	ug/l	u				
MW-13-1	6/12/2013	2-Chlorophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	2-Hexanone	<10.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-16
MW-13-1	12/11/2001	2-Methylnaphthalene	ND	ug/l	u				
MW-13-1	6/12/2013	2-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	2-Methylnaphthalene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	2-Methylphenol	ND	ug/l	u				
MW-13-1	6/12/2013	2-Methylphenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	2-Nitroaniline	ND	ug/l	u				
MW-13-1	6/12/2013	2-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	2-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	3 & 4-Methylphenol	ND	ug/l	u				
MW-13-1	6/12/2013	3&4-Methylphenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	3,3'-Dichlorobenzidine	ND	ug/l	u				
MW-13-1	6/12/2013	3,3'-Dichlorobenzidine	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	3-Nitroaniline	ND	ug/l	u				
MW-13-1	6/12/2013	3-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	4,6-Dinitro-2-methylphenol	ND	ug/l	u				
MW-13-1	6/12/2013	4,6-Dinitro-2-methylphenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	4-Bromophenyl-phenyl ether	ND	ug/l	u				
MW-13-1	6/12/2013	4-Bromophenyl-phenyl ether	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	4-Chloro-3-methylphenol	ND	ug/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	6/12/2013	4-Chloro-3-methylphenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	4-Chloroaniline	ND	ug/l	u				
MW-13-1	6/12/2013	4-Chloroaniline	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	4-Chlorophenylphenyl ether	ND	ug/l	u				
MW-13-1	6/12/2013	4-Chlorophenylphenyl ether	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-16
MW-13-1	12/11/2001	4-Nitroaniline	ND	ug/l	u				
MW-13-1	6/12/2013	4-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-16
MW-13-1	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	4-Nitrophenol	ND	ug/l	u				
MW-13-1	6/12/2013	4-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Acenaphthene	ND	ug/l	u				
MW-13-1	6/12/2013	Acenaphthene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Acenaphthene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Acenaphthylene	ND	ug/l	u				
MW-13-1	6/12/2013	Acenaphthylene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Acenaphthylene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	6/12/2013	Acetone	<50.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Acetone	<50	ug/L	u	50			L738573-15
MW-13-1	9/3/2015	Acetone	<50	ug/L	u	50			L787147-16
MW-13-1	6/8/2016	Acetone	<50	ug/L	u	50			L840417-16
MW-13-1	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-16
MW-13-1	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-16
MW-13-1	6/12/2013	Acetophenone	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Aniline	ND	ug/l	u				
MW-13-1	12/11/2001	Anthracene	ND	ug/l	u				
MW-13-1	6/12/2013	Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Anthracene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Arsenic	ND	mg/l	u				
MW-13-1	6/12/2013	Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	6/12/2013	Atrazine	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Barium	0.153	mg/l					
MW-13-1	6/12/2013	Barium	0.055	mg/l	j		6010 B/6020 B		L641227-01
MW-13-1	6/12/2013	Benzaldehyde	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	Benzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Benzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Benzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Benzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/11/2001	Benzo(a)anthracene	ND	ug/l	u				
MW-13-1	6/12/2013	Benzo(a)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-01

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	6/12/2013	Benzo(a)Anthracene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	Benzo(a)pyrene	ND	ug/l	u				
MW-13-1	6/12/2013	Benzo(a)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Benzo(a)Pyrene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	Benzo(b)fluoranthene	ND	ug/l	u				
MW-13-1	6/12/2013	Benzo(b)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Benzo(b)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	Benzo(g,h,i)perylene	ND	ug/l	u				
MW-13-1	6/12/2013	Benzo(g,h,i)Perylene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Benzo(g,h,i)Perylene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	Benzo(k)fluoranthene	ND	ug/l	u				
MW-13-1	6/12/2013	Benzo(k)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Benzo(k)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Benzo[a]anthracene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Benzo[a]anthracene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Benzo[a]anthracene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/10/2014	Benzo[a]pyrene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Benzo[a]pyrene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Benzo[a]pyrene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/10/2014	Benzo[b]fluoranthene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Benzo[b]fluoranthene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Benzo[b]fluoranthene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/10/2014	Benzo[g,h,i]perylene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Benzo[g,h,i]perylene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Benzo[g,h,i]perylene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/10/2014	Benzo[k]fluoranthene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Benzo[k]fluoranthene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Benzo[k]fluoranthene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Benzoic acid	ND	ug/l	u				
MW-13-1	12/11/2001	Benzyl alcohol	ND	ug/l	u				
MW-13-1	6/12/2013	Benzylbutyl phthalate	<3.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Benzylbutyl phthalate	<3	ug/L	u	3			L738573-15
MW-13-1	9/3/2015	Benzylbutyl phthalate	<3	ug/L	u	3			L787147-16
MW-13-1	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-16
MW-13-1	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-16
MW-13-1	6/12/2013	Biphenyl	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/l	u	10			L738573-15
MW-13-1	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	bis-(2-Chloroethoxy)Methane	ND	ug/l	u				
MW-13-1	6/12/2013	bis-(2-Chloroethoxy)Methane	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	bis-(2-Chloroethyl) Ether	ND	ug/l	u				
MW-13-1	6/12/2013	bis-(2-Chloroethyl) Ether	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-16
MW-13-1	12/11/2001	bis-(2-Chloroisopropyl) Ether	ND	ug/l	u				
MW-13-1	6/12/2013	bis-(2-Chloroisopropyl) Ether	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	bis(2-Ethylhexyl)phthalate	ND	ug/l	u				
MW-13-1	6/12/2013	bis(2-Ethylhexyl)Phthalate	<3.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-15
MW-13-1	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-16
MW-13-1	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-16
MW-13-1	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-16
MW-13-1	6/12/2013	Bromochloromethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Bromodichloromethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Bromoform	<1.0	ug/l	uj		8260 B		L641227-01
MW-13-1	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Bromomethane	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-16

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-16
MW-13-1	12/11/2001	Butyl benzyl phthalate	ND	ug/l	u				
MW-13-1	12/11/2001	Cadmium	ND	mg/l	u				
MW-13-1	6/12/2013	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	6/12/2013	Caprolactam	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Carbazole	ND	ug/l	u				
MW-13-1	6/12/2013	Carbazole	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-16
MW-13-1	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	Carbon disulfide	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Chlorobenzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Chloroethane	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-16
MW-13-1	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-16
MW-13-1	6/12/2013	Chloroform	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-16
MW-13-1	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-16
MW-13-1	6/12/2013	Chloromethane	<2.5	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-15
MW-13-1	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-16
MW-13-1	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-16
MW-13-1	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-16
MW-13-1	12/11/2001	Chromium	ND	mg/l	u				
MW-13-1	6/12/2013	Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Chrysene	ND	ug/l	u				
MW-13-1	6/12/2013	Chrysene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Chrysene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Chrysene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	6/12/2013	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Cyclohexane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/11/2001	Dibenz(a,h)anthracene	ND	ug/l	u				
MW-13-1	6/12/2013	Dibenz(a,h)anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Dibenz(a,h)anthracene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Dibenzofuran	ND	ug/l	u				
MW-13-1	6/12/2013	Dibenzofuran	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-16

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-16
MW-13-1	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-16
MW-13-1	12/11/2001	Diethyl phthalate	ND	ug/l	u				
MW-13-1	6/12/2013	Diethylphthalate	<3.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-15
MW-13-1	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-16
MW-13-1	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-16
MW-13-1	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-16
MW-13-1	12/11/2001	Dimethyl phthalate	ND	ug/l	u				
MW-13-1	6/12/2013	Dimethyl Phthalate	<3.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-15
MW-13-1	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-16
MW-13-1	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-16
MW-13-1	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-16
MW-13-1	12/11/2001	Di-n-butyl phthalate	ND	ug/l	u				
MW-13-1	6/12/2013	Di-n-butyl phthalate	<3.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-15
MW-13-1	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-16
MW-13-1	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-16
MW-13-1	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-16
MW-13-1	12/11/2001	Di-n-octyl phthalate	ND	ug/l	u				
MW-13-1	6/12/2013	Di-n-octyl phthalate	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-16
MW-13-1	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-16
MW-13-1	12/11/2001	Dissolved Arsenic	ND	mg/l	u				
MW-13-1	6/12/2013	Dissolved Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Dissolved Barium	0.0888	mg/l					
MW-13-1	6/12/2013	Dissolved Barium	0.055	mg/l	j		6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Dissolved Cadmium	ND	mg/l	u				
MW-13-1	6/12/2013	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Dissolved Chromium	ND	mg/l	u				
MW-13-1	6/12/2013	Dissolved Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-01
MW-13-1	12/10/2014	Dissolved Chromium	< 0.01	mg/L	u	0.01			L738573-15
MW-13-1	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-16
MW-13-1	6/8/2016	Dissolved Chromium	<0.010	mg/L	u	0.01			L840417-16
MW-13-1	3/8/2017	Dissolved Chromium	<0.010	mg/L	u	0.01			L894955-16
MW-13-1	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-15
MW-13-1	6/12/2013	Dissolved Iron	<0.1	mg/l	uj		6010 B/6020 B		L641227-01
MW-13-1	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-15
MW-13-1	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-16
MW-13-1	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-16
MW-13-1	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-16
MW-13-1	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-15
MW-13-1	12/11/2001	Dissolved Lead	ND	mg/l	u				
MW-13-1	6/12/2013	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	6/12/2013	Dissolved Manganese	<0.002	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	12/10/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-15
MW-13-1	9/3/2015	Dissolved Manganese	< 0.005	mg/L	u	0.005			L787147-16
MW-13-1	6/8/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-16
MW-13-1	3/8/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-16
MW-13-1	6/18/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-15
MW-13-1	12/11/2001	Dissolved Mercury	ND	mg/l	u				
MW-13-1	6/12/2013	Dissolved Mercury	<0.0002	mg/l	uj		7470 A		L641227-01
MW-13-1	12/11/2001	Dissolved Selenium	ND	mg/l	u				
MW-13-1	6/12/2013	Dissolved Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Dissolved Silver	ND	mg/l	u				
MW-13-1	6/12/2013	Dissolved Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	6/12/2013	Ethyl benzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/11/2001	Fluoranthene	ND	ug/l	u				
MW-13-1	6/12/2013	Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Fluoranthene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Fluorene	ND	ug/l	u				
MW-13-1	6/12/2013	Fluorene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Fluorene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	6/12/2013	Hexachloro-1,3-butadiene	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-16

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	12/11/2001	Hexachlorobenzene	ND	ug/l	u				
MW-13-1	6/12/2013	Hexachlorobenzene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Hexachlorobenzene	<1	ug/L	u				L738573-15
MW-13-1	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Hexachlorobutadiene	ND	ug/l	u				
MW-13-1	12/11/2001	Hexachlorocyclopentadiene	ND	ug/l	u				
MW-13-1	6/12/2013	Hexachlorocyclopentadiene	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Hexachloroethane	ND	ug/l	u				
MW-13-1	6/12/2013	Hexachloroethane	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Indeno(1,2,3-cd)pyrene	ND	ug/l	u				
MW-13-1	6/12/2013	Indeno(1,2,3-cd)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Indeno(1,2,3-cd)Pyrene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	6/12/2013	Iron	0.14	mg/l	j		6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Isophorone	ND	ug/l	u				
MW-13-1	6/12/2013	Isophorone	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	6/12/2013	Isopropylbenzene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/11/2001	Lead	ND	mg/l	u				
MW-13-1	6/12/2013	Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	6/12/2013	Manganese	0.0055	mg/l			6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Mercury	ND	mg/l	u				
MW-13-1	6/12/2013	Mercury	<0.0002	mg/l	uj		7470 A		L641227-01
MW-13-1	6/12/2013	Methyl Acetate	<20.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-15
MW-13-1	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-16
MW-13-1	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-16
MW-13-1	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-16
MW-13-1	6/12/2013	Methyl Cyclohexane	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Methylene chloride	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-16
MW-13-1	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-16
MW-13-1	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-1	6/12/2013	Naphthalene (SVOA)	<0.25	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Naphthalene (SVOA)	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	Nitrobenzene	ND	ug/l	u				
MW-13-1	6/12/2013	Nitrobenzene	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	N-Nitroso-Di-n-Propylamine	ND	ug/l	u				
MW-13-1	6/12/2013	N-Nitroso-Di-n-Propylamine	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/11/2001	N-Nitrosodiphenylamine	ND	ug/l	u				
MW-13-1	6/12/2013	N-Nitrosodiphenylamine	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-16

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Pentachlorophenol	ND	ug/l	u				
MW-13-1	6/12/2013	Pentachlorophenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Phenanthrene	ND	ug/l	u				
MW-13-1	6/12/2013	Phenanthrene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Phenanthrene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Phenol	ND	ug/l	u				
MW-13-1	6/12/2013	Phenol	<10.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Phenol	<10	ug/L	u	10			L738573-15
MW-13-1	9/3/2015	Phenol	<10	ug/L	u	10			L787147-16
MW-13-1	6/8/2016	Phenol	<10	ug/L	u	10			L840417-16
MW-13-1	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-16
MW-13-1	12/11/2001	Pyrene	ND	ug/l	u				
MW-13-1	6/12/2013	Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-01
MW-13-1	6/12/2013	Pyrene	<1.0	ug/l	u		8270 D		L641227-01
MW-13-1	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-16
MW-13-1	12/11/2001	Pyridine	ND	ug/l	u				
MW-13-1	12/11/2001	Selenium	ND	mg/l	u				
MW-13-1	6/12/2013	Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	12/11/2001	Silver	ND	mg/l	u				
MW-13-1	6/12/2013	Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-01
MW-13-1	6/12/2013	Styrene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Styrene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Styrene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Styrene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Tetrachloroethene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Tetrachloroethene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Toluene	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Toluene	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	Toluene	<5	ug/L	u	5			L787147-16
MW-13-1	6/8/2016	Toluene	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/10/2014	Total Chromium	< 0.01	mg/L	u	0.01			L738573-15
MW-13-1	9/3/2015	Total Chromium	< 0.01	mg/L	u	0.01			L787147-16
MW-13-1	6/8/2016	Total Chromium	<0.010	mg/L	u	0.01			L840417-16
MW-13-1	3/8/2017	Total Chromium	<0.010	mg/L	u	0.01			L894955-16
MW-13-1	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-15
MW-13-1	12/10/2014	Total Iron	0.11	mg/L					L738573-15
MW-13-1	9/3/2015	Total Iron	1.0	mg/L					L787147-16
MW-13-1	6/8/2016	Total Iron	0.403	mg/L					L840417-16
MW-13-1	3/8/2017	Total Iron	0.500	mg/L					L894955-16
MW-13-1	6/18/2020	Total Iron	0.228	mg/L					L1231176-15
MW-13-1	12/10/2014	Total Manganese	< 0.005	mg/L	u	0.005			L738573-15
MW-13-1	9/3/2015	Total Manganese	0.01	mg/L					L787147-16
MW-13-1	6/8/2016	Total Manganese	<0.005	mg/L	u	0.005			L840417-16
MW-13-1	3/8/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-16
MW-13-1	6/18/2020	Total Manganese	0.013	mg/L					L1231176-15
MW-13-1	6/12/2013	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Trichloroethene	<1.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-16
MW-13-1	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-15
MW-13-1	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-16
MW-13-1	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-16
MW-13-1	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-16
MW-13-1	6/12/2013	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-15
MW-13-1	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-16
MW-13-1	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-16
MW-13-1	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-16
MW-13-1	6/12/2013	Vinyl chloride	<1.0	ug/l	u		8260 B		L641227-01

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-1	6/12/2013	Xylenes, Total	<3.0	ug/l	u		8260 B		L641227-01
MW-13-1	12/10/2014	Xylenes, Total	<3	ug/L	u	3			L738573-15
MW-13-1	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-16
MW-13-1	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-16
MW-13-1	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-16
MW-13-2	12/11/2001	1,1,1,2-Tetrachloroethane	ND	ug/l	u				
MW-13-2	12/11/2001	1,1,1-Trichloroethane	ND	ug/l	u				
MW-13-2	6/12/2013	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,1,2,2-Tetrachloroethane	ND	ug/l	u				
MW-13-2	6/12/2013	1,1,2,2-Tetrachloroethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,1,2-Trichloroethane	ND	ug/l	u				
MW-13-2	6/12/2013	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	6/12/2013	1,1,2-Trichlorotrifluoroethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/11/2001	1,1-Dichloroethane	ND	ug/l	u				
MW-13-2	6/12/2013	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,1-Dichloroethene	ND	ug/l	u				
MW-13-2	6/12/2013	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,1-Dichloroethene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,1-Dichloroethene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,1-Dichloroethene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,1-Dichloroethene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,1-Dichloroethene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,1-Dichloroethene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,1-Dichloropropene	ND	ug/l	u				
MW-13-2	12/11/2001	1,2,3-Trichlorobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,2,3-Trichloropropane	ND	ug/l	u				
MW-13-2	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-2	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	6/12/2013	1,2,4-Trichlorobenzene	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,2,4-Trimethylbenzene	ND	ug/l	u				
MW-13-2	12/11/2001	1,2-Dibromo-3-Chloropropane	ND	ug/l	u				
MW-13-2	6/12/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-17
MW-13-2	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-24

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-17
MW-13-2	12/11/2001	1,2-Dibromoethane	ND	ug/l	u				
MW-13-2	6/12/2013	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,2-Dichlorobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,2-Dichlorobenzene (VOA)	ND	ug/l	u				
MW-13-2	12/11/2001	1,2-Dichloroethane	ND	ug/l	u				
MW-13-2	6/12/2013	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,2-Dichloroethane	ND	ug/l	u				
MW-13-2	12/11/2001	1,2-Dichloropropane	ND	ug/l	u				
MW-13-2	6/12/2013	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,2-Diphenylhydrazine	ND	ug/l	u				
MW-13-2	12/11/2001	1,3-Dichlorobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-2	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	6/12/2013	1-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	12/11/2001	2,2-Dichloropropane	ND	ug/l	u				
MW-13-2	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2,4 Dimethylphenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2,4 Dimethylphenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2,4,5-Trichlorophenol	ND	ug/l	u				
MW-13-2	6/12/2013	2,4,5-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2,4,6-Trichlorophenol	ND	ug/l	u				
MW-13-2	6/12/2013	2,4,6-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2,4-Dichlorophenol	ND	ug/l	u				
MW-13-2	6/12/2013	2,4-Dichlorophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	2,4-Dimethylphenol	ND	ug/l	u				
MW-13-2	6/12/2013	2,4-Dimethylphenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	2,4-Dinitrophenol	ND	ug/l	u				
MW-13-2	6/12/2013	2,4-Dinitrophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2,4-Dinitrotoluene	ND	ug/l	u				
MW-13-2	6/12/2013	2,4-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2,6-Dinitrotoluene	ND	ug/l	u				
MW-13-2	6/12/2013	2,6-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2-Butanone	ND	ug/l	u				
MW-13-2	6/12/2013	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-24
MW-13-2	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-17
MW-13-2	12/11/2001	2-Chloroethyl vinyl ether	ND	ug/l	u				
MW-13-2	12/11/2001	2-Chloronaphthalene	ND	ug/l	u				
MW-13-2	6/12/2013	2-Chloronaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	2-Chloronaphthalene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	2-Chlorophenol	ND	ug/l	u				
MW-13-2	6/12/2013	2-Chlorophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2-Chlorotoluene	ND	ug/l	u				
MW-13-2	12/11/2001	2-Hexanone	ND	ug/l	u				
MW-13-2	6/12/2013	2-Hexanone	<10.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-24
MW-13-2	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-17
MW-13-2	12/11/2001	2-Methylnaphthalene	ND	ug/l	u				
MW-13-2	6/12/2013	2-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	2-Methylnaphthalene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	2-Methylphenol	ND	ug/l	u				
MW-13-2	6/12/2013	2-Methylphenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	2-Nitroaniline	ND	ug/l	u				
MW-13-2	6/12/2013	2-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	6/12/2013	2-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	12/11/2001	3 & 4-Methylphenol	ND	ug/l	u				
MW-13-2	6/12/2013	3&4-Methylphenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	3,3'-Dichlorobenzidine	ND	ug/l	u				
MW-13-2	6/12/2013	3,3'-Dichlorobenzidine	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	3-Nitroaniline	ND	ug/l	u				
MW-13-2	6/12/2013	3-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	4,6-Dinitro-2-methylphenol	ND	ug/l	u				
MW-13-2	6/12/2013	4,6-Dinitro-2-methylphenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	4-Bromophenyl-phenyl ether	ND	ug/l	u				
MW-13-2	6/12/2013	4-Bromophenyl-phenyl ether	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	4-Chloro-3-methylphenol	ND	ug/l	u				
MW-13-2	6/12/2013	4-Chloro-3-methylphenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	4-Chloroaniline	ND	ug/l	u				
MW-13-2	6/12/2013	4-Chloroaniline	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	4-Chlorophenylphenyl ether	ND	ug/l	u				
MW-13-2	6/12/2013	4-Chlorophenylphenyl ether	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	4-Chlorotoluene	ND	ug/l	u				
MW-13-2	12/11/2001	4-Isopropyltoluene	ND	ug/l	u				
MW-13-2	12/11/2001	4-Methyl-2-pentanone	ND	ug/l	u				
MW-13-2	6/12/2013	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-24
MW-13-2	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-17
MW-13-2	12/11/2001	4-Nitroaniline	ND	ug/l	u				
MW-13-2	6/12/2013	4-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-17
MW-13-2	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-24
MW-13-2	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	4-Nitrophenol	ND	ug/l	u				
MW-13-2	6/12/2013	4-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Acenaphthene	ND	ug/l	u				
MW-13-2	6/12/2013	Acenaphthene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Acenaphthene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Acenaphthylene	ND	ug/l	u				
MW-13-2	6/12/2013	Acenaphthylene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Acenaphthylene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Acetone	ND	ug/l	u				
MW-13-2	6/12/2013	Acetone	<50.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Acetone	<50	ug/L	u	50			L738573-16
MW-13-2	9/3/2015	Acetone	<50	ug/L	u	50			L787147-17
MW-13-2	6/8/2016	Acetone	<50	ug/L	u	50			L840417-17
MW-13-2	6/8/2016	Acetone	<50	ug/L	u	50			L840417-24
MW-13-2	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-24
MW-13-2	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-17
MW-13-2	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-24
MW-13-2	6/12/2013	Acetophenone	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Acrylonitrile	ND	ug/l	u				
MW-13-2	12/11/2001	Aniline	ND	ug/l	u				
MW-13-2	12/11/2001	Anthracene	ND	ug/l	u				
MW-13-2	6/12/2013	Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Anthracene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Arsenic	ND	mg/l	u				
MW-13-2	6/12/2013	Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	6/12/2013	Atrazine	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Barium	0.0594	mg/l					
MW-13-2	6/12/2013	Barium	<0.005	mg/l	uj		6010 B/6020 B		L641227-02
MW-13-2	6/12/2013	Benzaldehyde	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Benzene	ND	ug/l	u				
MW-13-2	6/12/2013	Benzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Benzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Benzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Benzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Benzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Benzo(a)anthracene	ND	ug/l	u				
MW-13-2	6/12/2013	Benzo(a)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Benzo(a)Anthracene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	Benzo(a)pyrene	ND	ug/l	u				
MW-13-2	6/12/2013	Benzo(a)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Benzo(a)Pyrene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	Benzo(b)fluoranthene	ND	ug/l	u				
MW-13-2	6/12/2013	Benzo(b)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Benzo(b)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	Benzo(g,h,i)perylene	ND	ug/l	u				
MW-13-2	6/12/2013	Benzo(g,h,i)Perylene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Benzo(g,h,i)Perylene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	Benzo(k)fluoranthene	ND	ug/l	u				
MW-13-2	6/12/2013	Benzo(k)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-02

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	6/12/2013	Benzo(k)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Benzo(a)anthracene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Benzo(a)anthracene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Benzo(a)anthracene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Benzo(a)anthracene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Benzo(a)anthracene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Benzo(a)anthracene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/10/2014	Benzo(a)pyrene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Benzo(a)pyrene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Benzo(a)pyrene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Benzo(a)pyrene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Benzo(a)pyrene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Benzo(a)pyrene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/10/2014	Benzo(b)fluoranthene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Benzo(b)fluoranthene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Benzo(b)fluoranthene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Benzo(b)fluoranthene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Benzo(b)fluoranthene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Benzo(b)fluoranthene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/10/2014	Benzo(g,h,i)perylene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Benzo(g,h,i)perylene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Benzo(g,h,i)perylene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Benzo(g,h,i)perylene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Benzo(g,h,i)perylene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Benzo(g,h,i)perylene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/10/2014	Benzo(k)fluoranthene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Benzo(k)fluoranthene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Benzo(k)fluoranthene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Benzo(k)fluoranthene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Benzo(k)fluoranthene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Benzo(k)fluoranthene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Benzoic acid	ND	ug/l	u				
MW-13-2	12/11/2001	Benzyl alcohol	ND	ug/l	u				
MW-13-2	6/12/2013	Benzylbutyl phthalate	<3.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Benzylbutyl phthalate	<3	ug/L	u	3			L738573-16
MW-13-2	9/3/2015	Benzylbutyl phthalate	<3	ug/L	u	3			L787147-17
MW-13-2	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-17
MW-13-2	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-24
MW-13-2	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-24
MW-13-2	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-17
MW-13-2	6/12/2013	Biphenyl	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	bis-(2-Chloroethoxy)Methane	ND	ug/l	u				
MW-13-2	6/12/2013	bis-(2-Chloroethoxy)Methane	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	bis-(2-Chloroethyl) Ether	ND	ug/l	u				
MW-13-2	6/12/2013	bis-(2-Chloroethyl) Ether	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-24
MW-13-2	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-17
MW-13-2	12/11/2001	bis-(2-Chloroisopropyl) Ether	ND	ug/l	u				
MW-13-2	6/12/2013	bis-(2-Chloroisopropyl) Ether	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	bis(2-Ethylhexyl)phthalate	ND	ug/l	u				
MW-13-2	6/12/2013	bis(2-Ethylhexyl)Phthalate	<3.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-16
MW-13-2	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-17
MW-13-2	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-17
MW-13-2	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-24
MW-13-2	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-24
MW-13-2	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-17
MW-13-2	12/11/2001	Bromobenzene	ND	ug/l	u				
MW-13-2	12/11/2001	Bromochloromethane	ND	ug/l	u				
MW-13-2	6/12/2013	Bromochloromethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-24

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Bromodichloromethane	ND	ug/l	u				
MW-13-2	6/12/2013	Bromodichloromethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Bromoform	ND	ug/l	u				
MW-13-2	6/12/2013	Bromoform	<1.0	ug/l	uj		8260 B		L641227-02
MW-13-2	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Bromomethane	ND	ug/l	u				
MW-13-2	6/12/2013	Bromomethane	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-17
MW-13-2	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-24
MW-13-2	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-17
MW-13-2	12/11/2001	Butyl benzyl phthalate	ND	ug/l	u				
MW-13-2	12/11/2001	Cadmium	ND	mg/l	u				
MW-13-2	6/12/2013	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	6/12/2013	Caprolactam	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Carbazole	ND	ug/l	u				
MW-13-2	6/12/2013	Carbazole	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-17
MW-13-2	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-24
MW-13-2	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Carbon disulfide	ND	ug/l	u				
MW-13-2	6/12/2013	Carbon disulfide	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Carbon tetrachloride	ND	ug/l	u				
MW-13-2	6/12/2013	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Chlorobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	Chlorobenzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	6/12/2013	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Chloroethane	ND	ug/l	u				
MW-13-2	6/12/2013	Chloroethane	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-17
MW-13-2	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-24
MW-13-2	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-17
MW-13-2	12/11/2001	Chloroform	ND	ug/l	u				
MW-13-2	6/12/2013	Chloroform	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-24
MW-13-2	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-17
MW-13-2	12/11/2001	Chloromethane	ND	ug/l	u				
MW-13-2	6/12/2013	Chloromethane	<2.5	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-16
MW-13-2	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-17
MW-13-2	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-17
MW-13-2	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-24
MW-13-2	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-24
MW-13-2	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-17
MW-13-2	12/11/2001	Chromium	0.017	mg/l					
MW-13-2	6/12/2013	Chromium	0.012	mg/l	j		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Chrysene	ND	ug/l	u				
MW-13-2	6/12/2013	Chrysene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Chrysene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Chrysene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	cis-1,2-Dichloroethene	ND	ug/l	u				
MW-13-2	6/12/2013	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	cis-1,3-Dichloropropene	ND	ug/l	u				
MW-13-2	6/12/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-17
MW-13-2	6/12/2013	Cyclohexane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Dibenz(a,h)anthracene	ND	ug/l	u				
MW-13-2	6/12/2013	Dibenz(a,h)anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Dibenz(a,h)anthracene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Dibenzofuran	ND	ug/l	u				
MW-13-2	6/12/2013	Dibenzofuran	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Dibromochloromethane	ND	ug/l	u				
MW-13-2	12/11/2001	Dibromomethane	ND	ug/l	u				
MW-13-2	6/12/2013	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-17
MW-13-2	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-24
MW-13-2	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-17
MW-13-2	12/11/2001	Diethyl phthalate	ND	ug/l	u				
MW-13-2	6/12/2013	Diethylphthalate	<3.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-16
MW-13-2	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-17
MW-13-2	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-17
MW-13-2	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-24
MW-13-2	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-24
MW-13-2	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-17
MW-13-2	12/11/2001	Dimethyl phthalate	ND	ug/l	u				
MW-13-2	6/12/2013	Dimethyl Phthalate	<3.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-16
MW-13-2	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-17
MW-13-2	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-17
MW-13-2	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-24
MW-13-2	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-24
MW-13-2	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	12/11/2001	Di-n-butyl phthalate	ND	ug/l	u				
MW-13-2	6/12/2013	Di-n-butyl phthalate	<3.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-16
MW-13-2	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-17
MW-13-2	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-17
MW-13-2	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-24
MW-13-2	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-24
MW-13-2	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-17
MW-13-2	12/11/2001	Di-n-octyl phthalate	ND	ug/l	u				
MW-13-2	6/12/2013	Di-n-octyl phthalate	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-17
MW-13-2	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-24
MW-13-2	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-24
MW-13-2	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-17
MW-13-2	12/11/2001	Dissolved Arsenic	ND	mg/l	u				
MW-13-2	6/12/2013	Dissolved Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Dissolved Barium	0.00812	mg/l					
MW-13-2	6/12/2013	Dissolved Barium	<0.005	mg/l	uj		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Dissolved Cadmium	ND	mg/l	u				
MW-13-2	6/12/2013	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Dissolved Chromium	ND	mg/l	u				
MW-13-2	6/12/2013	Dissolved Chromium	0.014	mg/l	j		6010 B/6020 B		L641227-02
MW-13-2	12/10/2014	Dissolved Chromium	0.017	mg/L					L738573-16
MW-13-2	9/3/2015	Dissolved Chromium	0.0174	mg/L					L787147-17
MW-13-2	6/8/2016	Dissolved Chromium	0.0155	mg/L					L840417-17
MW-13-2	6/8/2016	Dissolved Chromium	0.0152	mg/L					L840417-24
MW-13-2	3/8/2017	Dissolved Chromium	0.0158	mg/L					L894955-24
MW-13-2	3/8/2017	Dissolved Chromium	0.0169	mg/L					L894955-17
MW-13-2	6/18/2020	Dissolved Chromium	0.0101	mg/L					L1231176-23
MW-13-2	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-16
MW-13-2	3/31/2011	Dissolved Iron	<0.1	mg/l	u				L509030-07
MW-13-2	6/12/2013	Dissolved Iron	<0.1	mg/l	uj		6010 B/6020 B		L641227-02
MW-13-2	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-16
MW-13-2	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-17
MW-13-2	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-17
MW-13-2	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-24
MW-13-2	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-24
MW-13-2	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-17
MW-13-2	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-23
MW-13-2	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-16
MW-13-2	12/11/2001	Dissolved Lead	ND	mg/l	u				
MW-13-2	6/12/2013	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	3/31/2011	Dissolved Manganese	<0.01	mg/l	u				L509030-07
MW-13-2	6/12/2013	Dissolved Manganese	<0.002	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	12/10/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-16
MW-13-2	9/3/2015	Dissolved Manganese	< 0.005	mg/L	u	0.005			L787147-17
MW-13-2	6/8/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-17
MW-13-2	6/8/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-24
MW-13-2	3/8/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-24
MW-13-2	3/8/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-17
MW-13-2	6/18/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-23
MW-13-2	6/18/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-16
MW-13-2	12/11/2001	Dissolved Mercury	ND	mg/l	u				
MW-13-2	6/12/2013	Dissolved Mercury	<0.0002	mg/l	uj		7470 A		L641227-02
MW-13-2	3/31/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L509030-07
MW-13-2	12/11/2001	Dissolved Selenium	ND	mg/l	u				
MW-13-2	6/12/2013	Dissolved Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Dissolved Silver	ND	mg/l	u				
MW-13-2	6/12/2013	Dissolved Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Ethyl benzene	ND	ug/l	u				
MW-13-2	6/12/2013	Ethyl benzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	3/31/2011	Ferrous Fe	0	mg/l					L509030-07
MW-13-2	12/11/2001	Fluoranthene	ND	ug/l	u				
MW-13-2	6/12/2013	Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Fluoranthene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Fluorene	ND	ug/l	u				
MW-13-2	6/12/2013	Fluorene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Fluorene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-24

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Hexachloro-1,3-butadiene	ND	ug/l	u				
MW-13-2	6/12/2013	Hexachloro-1,3-butadiene	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Hexachlorobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	Hexachlorobenzene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Hexachlorobenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Hexachlorobutadiene	ND	ug/l	u				
MW-13-2	12/11/2001	Hexachlorocyclopentadiene	ND	ug/l	u				
MW-13-2	6/12/2013	Hexachlorocyclopentadiene	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Hexachloroethane	ND	ug/l	u				
MW-13-2	6/12/2013	Hexachloroethane	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Indeno(1,2,3-cd)pyrene	ND	ug/l	u				
MW-13-2	6/12/2013	Indeno(1,2,3-cd)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Indeno(1,2,3-cd)Pyrene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	3/31/2011	Iron	0.55	mg/l					L509030-07
MW-13-2	6/12/2013	Iron	0.13	mg/l			6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Isophorone	ND	ug/l	u				
MW-13-2	6/12/2013	Isophorone	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Isopropylbenzene	ND	ug/l	u				
MW-13-2	6/12/2013	Isopropylbenzene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Lead	ND	mg/l	u				
MW-13-2	6/12/2013	Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	m&p-Xylenes	ND	ug/l	u				
MW-13-2	3/31/2011	Manganese	0.12	mg/l					L509030-07
MW-13-2	6/12/2013	Manganese	0.048	mg/l			6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Mercury	ND	mg/l	u				
MW-13-2	6/12/2013	Mercury	<0.0002	mg/l	uj		7470 A		L641227-02
MW-13-2	6/12/2013	Methyl Acetate	<20.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-16
MW-13-2	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-17
MW-13-2	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-17
MW-13-2	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-24
MW-13-2	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-24
MW-13-2	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-17
MW-13-2	6/12/2013	Methyl Cyclohexane	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Methyl tert-butyl ether	ND	ug/l	u				
MW-13-2	6/12/2013	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Methylene chloride	ND	ug/l	u				
MW-13-2	6/12/2013	Methylene chloride	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-17
MW-13-2	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-24
MW-13-2	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-17
MW-13-2	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-2	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-2	6/12/2013	Naphthalene (SVOA)	<0.25	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Naphthalene (SVOA)	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	n-Butylbenzene	ND	ug/l	u				
MW-13-2	12/11/2001	Nitrobenzene	ND	ug/l	u				
MW-13-2	6/12/2013	Nitrobenzene	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	N-Nitroso-Di-n-Propylamine	ND	ug/l	u				
MW-13-2	6/12/2013	N-Nitroso-Di-n-Propylamine	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/11/2001	N-Nitrosodiphenylamine	ND	ug/l	u				
MW-13-2	6/12/2013	N-Nitrosodiphenylamine	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	n-Propylbenzene	ND	ug/l	u				
MW-13-2	12/11/2001	o-Xylene	ND	ug/l	u				
MW-13-2	12/11/2001	Pentachlorophenol	ND	ug/l	u				
MW-13-2	6/12/2013	Pentachlorophenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	3/31/2011	pH	6.6	s.u.					L509030-07
MW-13-2	12/11/2001	Phenanthrene	ND	ug/l	u				
MW-13-2	6/12/2013	Phenanthrene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Phenanthrene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Phenol	ND	ug/l	u				
MW-13-2	6/12/2013	Phenol	<10.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Phenol	<10	ug/L	u	10			L738573-16
MW-13-2	9/3/2015	Phenol	<10	ug/L	u	10			L787147-17
MW-13-2	6/8/2016	Phenol	<10	ug/L	u	10			L840417-17
MW-13-2	6/8/2016	Phenol	<10	ug/L	u	10			L840417-24
MW-13-2	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-24
MW-13-2	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-17
MW-13-2	12/11/2001	Pyrene	ND	ug/l	u				
MW-13-2	6/12/2013	Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-02
MW-13-2	6/12/2013	Pyrene	<1.0	ug/l	u		8270 D		L641227-02
MW-13-2	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-24
MW-13-2	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-17
MW-13-2	12/11/2001	Pyridine	ND	ug/l	u				
MW-13-2	12/11/2001	sec-Butylbenzene	ND	ug/l	u				
MW-13-2	12/11/2001	Selenium	ND	mg/l	u				
MW-13-2	6/12/2013	Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-02

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	12/11/2001	Silver	ND	mg/l	u				
MW-13-2	6/12/2013	Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-02
MW-13-2	12/11/2001	Styrene	ND	mg/l	u				
MW-13-2	6/12/2013	Styrene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Styrene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Styrene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Styrene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Styrene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	tert-Butylbenzene	ND	ug/l	u				
MW-13-2	12/11/2001	Tetrachloroethene	ND	ug/l	u				
MW-13-2	6/12/2013	Tetrachloroethene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Tetrachloroethene	<1	ug/l	u	1			L738573-16
MW-13-2	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Toluene	ND	ug/l	u				
MW-13-2	6/12/2013	Toluene	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Toluene	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	Toluene	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	Toluene	<5	ug/L	u	5			L840417-17
MW-13-2	6/8/2016	Toluene	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/10/2014	Total Chromium	0.018	mg/L					L738573-16
MW-13-2	9/3/2015	Total Chromium	0.0296	mg/L					L787147-17
MW-13-2	6/8/2016	Total Chromium	0.0199	mg/L					L840417-17
MW-13-2	6/8/2016	Total Chromium	0.0193	mg/L					L840417-24
MW-13-2	3/8/2017	Total Chromium	0.0189	mg/L					L894955-24
MW-13-2	3/8/2017	Total Chromium	0.0171	mg/L					L894955-17
MW-13-2	6/18/2020	Total Chromium	0.0101	mg/L					L1231176-23
MW-13-2	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-16
MW-13-2	12/10/2014	Total Iron	0.16	mg/L					L738573-16
MW-13-2	9/3/2015	Total Iron	2.11	mg/L					L787147-17
MW-13-2	6/8/2016	Total Iron	<0.1	mg/L	u	0.1			L840417-17
MW-13-2	6/8/2016	Total Iron	<0.1	mg/L	u	0.1			L840417-24
MW-13-2	3/8/2017	Total Iron	0.128	mg/L					L894955-24
MW-13-2	3/8/2017	Total Iron	0.139	mg/L					L894955-17
MW-13-2	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-23
MW-13-2	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-16
MW-13-2	12/10/2014	Total Manganese	0.089	mg/L					L738573-16
MW-13-2	9/3/2015	Total Manganese	0.191	mg/L					L787147-17
MW-13-2	6/8/2016	Total Manganese	0.0172	mg/L					L840417-17
MW-13-2	6/8/2016	Total Manganese	0.014	mg/L					L840417-24
MW-13-2	3/8/2017	Total Manganese	0.0188	mg/L					L894955-24
MW-13-2	3/8/2017	Total Manganese	0.0217	mg/L					L894955-17
MW-13-2	6/18/2020	Total Manganese	0.0152	mg/L					L1231176-23
MW-13-2	6/18/2020	Total Manganese	0.0159	mg/L					L1231176-16
MW-13-2	3/31/2011	Total Organic Carbon	1.8	mg/l					L509030-07
MW-13-2	3/31/2011	Total Suspended Solids	20.0	mg/l					L509030-07
MW-13-2	12/11/2001	trans-1,2-Dichloroethene	ND	ug/l	u				
MW-13-2	6/12/2013	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	trans-1,3-Dichloropropene	ND	ug/l	u				
MW-13-2	6/12/2013	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Trichloroethene	ND	ug/l	u				
MW-13-2	6/12/2013	Trichloroethene	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-17
MW-13-2	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-16
MW-13-2	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-17
MW-13-2	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-17
MW-13-2	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-24
MW-13-2	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-24
MW-13-2	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-17
MW-13-2	12/11/2001	Trichlorofluoromethane	ND	ug/l	u				
MW-13-2	6/12/2013	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-16
MW-13-2	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-2	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-17
MW-13-2	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-24
MW-13-2	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-24
MW-13-2	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-17
MW-13-2	12/11/2001	Vinyl acetate	ND	mg/l	u				
MW-13-2	6/12/2013	Vinyl chloride	<1.0	ug/l	u		8260 B		L641227-02
MW-13-2	12/11/2001	Xylenes, Total	ND	ug/l	u				
MW-13-2	6/12/2013	Xylenes, Total	<3.0	ug/L	u		8260 B		L641227-02
MW-13-2	12/10/2014	Xylenes, Total	<3	ug/l	u	3			L738573-16
MW-13-2	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-17
MW-13-2	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-17
MW-13-2	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-24
MW-13-2	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-24
MW-13-2	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-17
MW-13-3	12/11/2001	1,1,1,2-Tetrachloroethane	ND	ug/l	u				
MW-13-3	12/11/2001	1,1,1-Trichloroethane	ND	ug/l	u				
MW-13-3	6/12/2013	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,1,2,2-Tetrachloroethane	ND	ug/l	u				
MW-13-3	6/12/2013	1,1,2,2-Tetrachloroethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,1,2,2-Tetrachloroethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,1,2-Trichloroethane	ND	ug/l	u				
MW-13-3	6/12/2013	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	6/12/2013	1,1,2-Trichlorotrifluoroethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,1,2-Trichlorotrifluoroethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/11/2001	1,1-Dichloroethane	ND	ug/l	u				
MW-13-3	6/12/2013	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,1-Dichloroethene	ND	ug/l	u				
MW-13-3	6/12/2013	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,1-Dichloroethene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,1-Dichloroethene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,1-Dichloroethene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,1-Dichloroethene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,1-Dichloroethene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,1-Dichloroethene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,1-Dichloropropene	ND	ug/l	u				
MW-13-3	12/11/2001	1,2,3-Trichlorobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,2,3-Trichloropropane	ND	ug/l	u				
MW-13-3	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	6/12/2013	1,2,4-Trichlorobenzene	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	1,2,4-Trichlorobenzene	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,2,4-Trimethylbenzene	ND	ug/l	u				
MW-13-3	12/11/2001	1,2-Dibromo-3-Chloropropane	ND	ug/l	u				
MW-13-3	6/12/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-18
MW-13-3	12/11/2001	1,2-Dibromoethane	ND	ug/l	u				
MW-13-3	6/12/2013	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,2-Dichlorobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	1,2-Dichlorobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,2-Dichlorobenzene (VOA)	ND	ug/l	u				
MW-13-3	12/11/2001	1,2-Dichloroethane	ND	ug/l	u				
MW-13-3	6/12/2013	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,2-Dichloropropane	ND	ug/l	u				
MW-13-3	6/12/2013	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,2-Diphenylhydrazine	ND	ug/l	u				
MW-13-3	12/11/2001	1,2-Diphenylhydrazine	ND	ug/l	u				
MW-13-3	12/11/2001	1,3-Dichlorobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	1,3-Dichlorobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	6/12/2013	1-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	1-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	12/11/2001	2,2-Dichloropropane	ND	ug/l	u				
MW-13-3	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-18

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	3/8/2017	2,4-Dichlorophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	6/8/2016	2,4-Dimethylphenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2,4-Dimethylphenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2,4,5-Trichlorophenol	ND	ug/l	u				
MW-13-3	12/11/2001	2,4,5-Trichlorophenol	ND	ug/l	u				
MW-13-3	6/12/2013	2,4,5-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2,4,5-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2,4,6-Trichlorophenol	ND	ug/l	u				
MW-13-3	12/11/2001	2,4,6-Trichlorophenol	ND	ug/l	u				
MW-13-3	6/12/2013	2,4,6-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2,4,6-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2,4-Dichlorophenol	ND	ug/l	u				
MW-13-3	12/11/2001	2,4-Dichlorophenol	ND	ug/l	u				
MW-13-3	6/12/2013	2,4-Dichlorophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2,4-Dichlorophenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	2,4-Dimethylphenol	ND	ug/l	u				
MW-13-3	12/11/2001	2,4-Dimethylphenol	ND	ug/l	u				
MW-13-3	6/12/2013	2,4-Dimethylphenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2,4-Dimethylphenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	2,4-Dinitrophenol	ND	ug/l	u				
MW-13-3	12/11/2001	2,4-Dinitrophenol	ND	ug/l	u				
MW-13-3	6/12/2013	2,4-Dinitrophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2,4-Dinitrophenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2,4-Dinitrotoluene	ND	ug/l	u				
MW-13-3	12/11/2001	2,4-Dinitrotoluene	ND	ug/l	u				
MW-13-3	6/12/2013	2,4-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2,4-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2,6-Dinitrotoluene	ND	ug/l	u				
MW-13-3	12/11/2001	2,6-Dinitrotoluene	ND	ug/l	u				
MW-13-3	6/12/2013	2,6-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2,6-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2-Butanone	ND	ug/l	u				
MW-13-3	6/12/2013	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-18
MW-13-3	12/11/2001	2-Chloroethyl vinyl ether	ND	ug/l	u				
MW-13-3	12/11/2001	2-Chloronaphthalene	ND	ug/l	u				
MW-13-3	12/11/2001	2-Chloronaphthalene	ND	ug/l	u				
MW-13-3	6/12/2013	2-Chloronaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	2-Chloronaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	2-Chloronaphthalene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2-Chloronaphthalene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	2-Chlorophenol	ND	ug/l	u				
MW-13-3	12/11/2001	2-Chlorophenol	ND	ug/l	u				
MW-13-3	6/12/2013	2-Chlorophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2-Chlorophenol	<10.0	ug/l	u		8270 D		L641227-03

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2-Chlorotoluene	ND	ug/l	u				
MW-13-3	12/11/2001	2-Hexanone	ND	ug/l	u				
MW-13-3	6/12/2013	2-Hexanone	<10.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	2-Hexanone	<10.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-18
MW-13-3	12/11/2001	2-Methylnaphthalene	7	ug/l					
MW-13-3	12/11/2001	2-Methylnaphthalene	ND	ug/l	u				
MW-13-3	6/12/2013	2-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	2-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	2-Methylnaphthalene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2-Methylnaphthalene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	2-Methylphenol	ND	ug/l	u				
MW-13-3	12/11/2001	2-Methylphenol	ND	ug/l	u				
MW-13-3	6/12/2013	2-Methylphenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2-Methylphenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	2-Nitroaniline	ND	ug/l	u				
MW-13-3	12/11/2001	2-Nitroaniline	ND	ug/l	u				
MW-13-3	6/12/2013	2-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	6/12/2013	2-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	2-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	3 & 4-Methylphenol	ND	ug/l	u				
MW-13-3	12/11/2001	3 & 4-Methylphenol	ND	ug/l	u				
MW-13-3	6/12/2013	3&4-Methylphenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	3&4-Methylphenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	3,3'-Dichlorobenzidine	ND	ug/l	u				
MW-13-3	12/11/2001	3,3'-Dichlorobenzidine	ND	ug/l	u				
MW-13-3	6/12/2013	3,3'-Dichlorobenzidine	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	3,3'-Dichlorobenzidine	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	3-Nitroaniline	ND	ug/l	u				
MW-13-3	12/11/2001	3-Nitroaniline	ND	ug/l	u				
MW-13-3	6/12/2013	3-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	3-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	4,6-Dinitro-2-methylphenol	ND	ug/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	12/11/2001	4,6-Dinitro-2-methylphenol	ND	ug/l	u				
MW-13-3	6/12/2013	4,6-Dinitro-2-methylphenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	4,6-Dinitro-2-methylphenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	4-Bromophenyl-phenyl ether	ND	ug/l	u				
MW-13-3	12/11/2001	4-Bromophenyl-phenyl ether	ND	ug/l	u				
MW-13-3	6/12/2013	4-Bromophenyl-phenyl ether	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	4-Bromophenyl-phenyl ether	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	4-Chloro-3-methylphenol	ND	ug/l	u				
MW-13-3	12/11/2001	4-Chloro-3-methylphenol	ND	ug/l	u				
MW-13-3	6/12/2013	4-Chloro-3-methylphenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	4-Chloro-3-methylphenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	4-Chloroaniline	ND	ug/l	u				
MW-13-3	12/11/2001	4-Chloroaniline	ND	ug/l	u				
MW-13-3	6/12/2013	4-Chloroaniline	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	4-Chloroaniline	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	4-Chlorophenylphenyl ether	ND	ug/l	u				
MW-13-3	12/11/2001	4-Chlorophenylphenyl ether	ND	ug/l	u				
MW-13-3	6/12/2013	4-Chlorophenylphenyl ether	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	4-Chlorophenylphenyl ether	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	4-Chlorotoluene	ND	ug/l	u				
MW-13-3	12/11/2001	4-Isopropyltoluene	ND	ug/l	u				
MW-13-3	12/11/2001	4-Methyl-2-pentanone	ND	ug/l	u				
MW-13-3	6/12/2013	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-18
MW-13-3	12/11/2001	4-Nitroaniline	ND	ug/l	u				
MW-13-3	12/11/2001	4-Nitroaniline	ND	ug/l	u				
MW-13-3	6/12/2013	4-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	4-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-18
MW-13-3	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	4-Nitrophenol	ND	ug/l	u				
MW-13-3	12/11/2001	4-Nitrophenol	ND	ug/l	u				
MW-13-3	6/12/2013	4-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	4-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Acenaphthene	ND	ug/l	u				
MW-13-3	12/11/2001	Acenaphthene	ND	ug/l	u				
MW-13-3	6/12/2013	Acenaphthene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Acenaphthene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Acenaphthene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Acenaphthene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Acenaphthylene	ND	ug/l	u				
MW-13-3	12/11/2001	Acenaphthylene	ND	ug/l	u				
MW-13-3	6/12/2013	Acenaphthylene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Acenaphthylene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Acenaphthylene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Acenaphthylene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Acetone	ND	ug/l	u				
MW-13-3	6/12/2013	Acetone	<50.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Acetone	<50.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Acetone	<50	ug/L	u	50			L738573-17
MW-13-3	12/10/2014	Acetone	<50	ug/L	u	50			L738573-22
MW-13-3	9/3/2015	Acetone	<50	ug/L	u	50			L787147-18
MW-13-3	9/3/2015	Acetone	<50	ug/L	u	50			L787147-24
MW-13-3	6/8/2016	Acetone	<50	ug/L	u	50			L840417-18
MW-13-3	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-18
MW-13-3	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-18
MW-13-3	6/12/2013	Acetophenone	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Acetophenone	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Acrylonitrile	ND	ug/l	u				
MW-13-3	12/11/2001	Aniline	ND	ug/l	u				
MW-13-3	12/11/2001	Aniline	ND	ug/l	u				
MW-13-3	12/11/2001	Anthracene	ND	ug/l	u				
MW-13-3	12/11/2001	Anthracene	ND	ug/l	u				
MW-13-3	6/12/2013	Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Anthracene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Anthracene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Arsenic	ND	mg/l	u				
MW-13-3	12/11/2001	Arsenic	ND	mg/l	u				
MW-13-3	6/12/2013	Arsenic	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	6/12/2013	Atrazine	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Atrazine	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Barium	0.0466	mg/l					
MW-13-3	12/11/2001	Barium	0.0529	mg/l					
MW-13-3	6/12/2013	Barium	0.0067	mg/l	j		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Barium	0.0067	mg/l	j		6010 B/6020 B		L641227-03
MW-13-3	6/12/2013	Benzaldehyde	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Benzaldehyde	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Benzene	ND	ug/l	u				
MW-13-3	6/12/2013	Benzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Benzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Benzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Benzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Benzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Benzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Benzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Benzo(a)anthracene	ND	ug/l	u				
MW-13-3	12/11/2001	Benzo(a)anthracene	ND	ug/l	u				
MW-13-3	6/12/2013	Benzo(a)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Benzo(a)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Benzo(a)Anthracene	<1.0	ug/l	u		8270 D		L641227-06

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	6/12/2013	Benzo(a)Anthracene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	Benzo(a)pyrene	ND	ug/l	u				
MW-13-3	12/11/2001	Benzo(a)pyrene	ND	ug/l	u				
MW-13-3	6/12/2013	Benzo(a)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Benzo(a)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Benzo(a)Pyrene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Benzo(a)Pyrene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	Benzo(b)fluoranthene	ND	ug/l	u				
MW-13-3	12/11/2001	Benzo(b)fluoranthene	ND	ug/l	u				
MW-13-3	6/12/2013	Benzo(b)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Benzo(b)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Benzo(b)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Benzo(b)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	Benzo(g,h,i)perylene	ND	ug/l	u				
MW-13-3	12/11/2001	Benzo(g,h,i)perylene	ND	ug/l	u				
MW-13-3	6/12/2013	Benzo(g,h,i)Perylene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Benzo(g,h,i)Perylene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Benzo(g,h,i)Perylene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Benzo(g,h,i)Perylene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	Benzo(k)fluoranthene	ND	ug/l	u				
MW-13-3	12/11/2001	Benzo(k)fluoranthene	ND	ug/l	u				
MW-13-3	6/12/2013	Benzo(k)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Benzo(k)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Benzo(k)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Benzo(k)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Benzo[a]anthracene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Benzo[a]anthracene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Benzo[a]anthracene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Benzo[a]anthracene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/10/2014	Benzo[a]pyrene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Benzo[a]pyrene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Benzo[a]pyrene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Benzo[a]pyrene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/10/2014	Benzo[b]fluoranthene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Benzo[b]fluoranthene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Benzo[b]fluoranthene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Benzo[b]fluoranthene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/10/2014	Benzo[g,h,i]perylene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Benzo[g,h,i]perylene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Benzo[g,h,i]perylene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Benzo[g,h,i]perylene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/10/2014	Benzo[k]fluoranthene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Benzo[k]fluoranthene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Benzo[k]fluoranthene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Benzo[k]fluoranthene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Benzoic acid	ND	ug/l	u				
MW-13-3	12/11/2001	Benzoic acid	ND	ug/l	u				
MW-13-3	12/11/2001	Benzyl alcohol	ND	ug/l	u				
MW-13-3	12/11/2001	Benzyl alcohol	ND	ug/l	u				
MW-13-3	6/12/2013	Benzybutyl phthalate	<3.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Benzybutyl phthalate	<3.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Benzybutyl phthalate	<3	ug/L	u	3			L738573-17
MW-13-3	12/10/2014	Benzybutyl phthalate	<3	ug/L	u	3			L738573-22
MW-13-3	9/3/2015	Benzybutyl phthalate	<3	ug/L	u	3			L787147-18
MW-13-3	9/3/2015	Benzybutyl phthalate	<3	ug/L	u	3			L787147-24
MW-13-3	6/8/2016	Benzybutyl phthalate	<3	ug/L	u	3			L840417-18
MW-13-3	3/8/2017	Benzybutyl phthalate	<2.73	ug/L	u	2.73			L894955-18
MW-13-3	6/12/2013	Biphenyl	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Biphenyl	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-18

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	12/11/2001	bis-(2-Chloroethoxy)Methane	ND	ug/l	u				
MW-13-3	12/11/2001	bis-(2-Chloroethoxy)Methane	ND	ug/l	u				
MW-13-3	6/12/2013	bis-(2-Chloroethoxy)Methane	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	bis-(2-Chloroethoxy)Methane	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	bis-(2-Chloroethyl) Ether	ND	ug/l	u				
MW-13-3	12/11/2001	bis-(2-Chloroethyl) Ether	ND	ug/l	u				
MW-13-3	6/12/2013	bis-(2-Chloroethyl) Ether	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	bis-(2-Chloroethyl) Ether	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-18
MW-13-3	12/11/2001	bis-(2-Chloroisopropyl) Ether	ND	ug/l	u				
MW-13-3	12/11/2001	bis-(2-Chloroisopropyl) Ether	ND	ug/l	u				
MW-13-3	6/12/2013	bis-(2-Chloroisopropyl) Ether	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	bis-(2-Chloroisopropyl) Ether	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	bis(2-Ethylhexyl)phthalate	ND	ug/l	u				
MW-13-3	12/11/2001	bis(2-Ethylhexyl)phthalate	ND	ug/l	u				
MW-13-3	6/12/2013	bis(2-Ethylhexyl)Phthalate	<3.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	bis(2-Ethylhexyl)Phthalate	<3.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-17
MW-13-3	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-22
MW-13-3	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-18
MW-13-3	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-24
MW-13-3	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-18
MW-13-3	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-18
MW-13-3	12/11/2001	Bromobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	Bromochloromethane	ND	ug/l	u				
MW-13-3	6/12/2013	Bromochloromethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Bromochloromethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Bromodichloromethane	ND	ug/l	u				
MW-13-3	6/12/2013	Bromodichloromethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Bromodichloromethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Bromoform	ND	ug/l	u				
MW-13-3	6/12/2013	Bromoform	<1.0	ug/l	uj		8260 B		L641227-06
MW-13-3	6/12/2013	Bromoform	<1.0	ug/l	uj		8260 B		L641227-03
MW-13-3	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Bromomethane	ND	ug/l	u				
MW-13-3	6/12/2013	Bromomethane	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Bromomethane	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-18
MW-13-3	12/11/2001	Butyl benzyl phthalate	ND	ug/l	u				
MW-13-3	12/11/2001	Butyl benzyl phthalate	ND	ug/l	u				
MW-13-3	12/11/2001	Cadmium	ND	mg/l	u				
MW-13-3	12/11/2001	Cadmium	ND	mg/l	u				
MW-13-3	6/12/2013	Cadmium	<0.0005	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	6/12/2013	Caprolactam	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Caprolactam	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Carbazole	ND	ug/l	u				
MW-13-3	12/11/2001	Carbazole	ND	ug/l	u				
MW-13-3	6/12/2013	Carbazole	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Carbazole	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-24

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-18
MW-13-3	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Carbon disulfide	ND	ug/l	u				
MW-13-3	6/12/2013	Carbon disulfide	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Carbon disulfide	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Carbon tetrachloride	ND	ug/l	u				
MW-13-3	6/12/2013	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Chlorobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	Chlorobenzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Chlorobenzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	6/12/2013	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Chloroethane	ND	ug/l	u				
MW-13-3	6/12/2013	Chloroethane	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Chloroethane	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-18
MW-13-3	12/11/2001	Chloroform	ND	ug/l	u				
MW-13-3	6/12/2013	Chloroform	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Chloroform	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-18
MW-13-3	12/11/2001	Chloromethane	ND	ug/l	u				
MW-13-3	6/12/2013	Chloromethane	<2.5	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Chloromethane	<2.5	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-17
MW-13-3	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-22
MW-13-3	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-18
MW-13-3	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-24
MW-13-3	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-18
MW-13-3	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-18
MW-13-3	12/11/2001	Chromium	ND	mg/l	u				
MW-13-3	12/11/2001	Chromium	ND	mg/l	u				
MW-13-3	6/12/2013	Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Chrysene	ND	ug/l	u				
MW-13-3	12/11/2001	Chrysene	ND	ug/l	u				
MW-13-3	6/12/2013	Chrysene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Chrysene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Chrysene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Chrysene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Chrysene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Chrysene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	cis-1,2-Dichloroethene	ND	ug/l	u				
MW-13-3	6/12/2013	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-24

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	cis-1,3-Dichloropropene	ND	ug/l	u				
MW-13-3	6/12/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-18
MW-13-3	6/12/2013	Cyclohexane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Cyclohexane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Dibenz(a,h)anthracene	ND	ug/l	u				
MW-13-3	12/11/2001	Dibenz(a,h)anthracene	ND	ug/l	u				
MW-13-3	6/12/2013	Dibenz(a,h)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Dibenz(a,h)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Dibenz(a,h)Anthracene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Dibenz(a,h)Anthracene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Dibenzofuran	ND	ug/l	u				
MW-13-3	12/11/2001	Dibenzofuran	ND	ug/l	u				
MW-13-3	6/12/2013	Dibenzofuran	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Dibenzofuran	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Dibromochloromethane	ND	ug/l	u				
MW-13-3	12/11/2001	Dibromomethane	ND	ug/l	u				
MW-13-3	6/12/2013	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-18
MW-13-3	12/11/2001	Diethyl phthalate	ND	ug/l	u				
MW-13-3	12/11/2001	Diethyl phthalate	ND	ug/l	u				
MW-13-3	6/12/2013	Diethylphthalate	<3.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Diethylphthalate	<3.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-17
MW-13-3	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-22
MW-13-3	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-18
MW-13-3	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-24
MW-13-3	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-18
MW-13-3	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-18
MW-13-3	12/11/2001	Dimethyl phthalate	ND	ug/l	u				
MW-13-3	12/11/2001	Dimethyl phthalate	ND	ug/l	u				
MW-13-3	6/12/2013	Dimethyl Phthalate	<3.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Dimethyl Phthalate	<3.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-17
MW-13-3	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-22
MW-13-3	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-18
MW-13-3	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-24
MW-13-3	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-18
MW-13-3	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-18
MW-13-3	12/11/2001	Di-n-butyl phthalate	ND	ug/l	u				
MW-13-3	12/11/2001	Di-n-butyl phthalate	ND	ug/l	u				
MW-13-3	6/12/2013	Di-n-butyl phthalate	<3.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Di-n-butyl phthalate	<3.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-17
MW-13-3	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-22
MW-13-3	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-18
MW-13-3	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-24
MW-13-3	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-18
MW-13-3	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-18
MW-13-3	12/11/2001	Di-n-octyl phthalate	ND	ug/l	u				
MW-13-3	12/11/2001	Di-n-octyl phthalate	ND	ug/l	u				
MW-13-3	6/12/2013	Di-n-octyl phthalate	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Di-n-octyl phthalate	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-22

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-18
MW-13-3	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-18
MW-13-3	12/11/2001	Dissolved Arsenic	ND	mg/l	u				
MW-13-3	12/11/2001	Dissolved Arsenic	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Arsenic	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Dissolved Barium	ND	mg/l	u				
MW-13-3	12/11/2001	Dissolved Barium	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Barium	<0.005	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Barium	<0.005	mg/l	uj		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Dissolved Cadmium	ND	mg/l	u				
MW-13-3	12/11/2001	Dissolved Cadmium	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Cadmium	<0.0005	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Dissolved Chromium	ND	mg/l	u				
MW-13-3	12/11/2001	Dissolved Chromium	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-03
MW-13-3	12/10/2014	Dissolved Chromium	< 0.01	mg/L	u	0.01			L738573-17
MW-13-3	12/10/2014	Dissolved Chromium	< 0.01	mg/L	u	0.01			L738573-22
MW-13-3	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-18
MW-13-3	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-24
MW-13-3	6/8/2016	Dissolved Chromium	<0.010	mg/L	u	0.01			L840417-18
MW-13-3	3/8/2017	Dissolved Chromium	<0.010	mg/L	u	0.01			L894955-18
MW-13-3	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-17
MW-13-3	3/31/2011	Dissolved Iron	<0.1	mg/l	u				L509030-08
MW-13-3	6/12/2013	Dissolved Iron	<0.1	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Iron	<0.1	mg/l	uj		6010 B/6020 B		L641227-03
MW-13-3	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-17
MW-13-3	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-22
MW-13-3	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-18
MW-13-3	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-24
MW-13-3	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-18
MW-13-3	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-18
MW-13-3	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-17
MW-13-3	12/11/2001	Dissolved Lead	ND	mg/l	u				
MW-13-3	12/11/2001	Dissolved Lead	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Lead	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	3/31/2011	Dissolved Manganese	<0.01	mg/l	u				L509030-08
MW-13-3	6/12/2013	Dissolved Manganese	0.011	mg/l	u		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Manganese	0.011	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/10/2014	Dissolved Manganese	0.0052	mg/L					L738573-17
MW-13-3	12/10/2014	Dissolved Manganese	0.0059	mg/L					L738573-22
MW-13-3	9/3/2015	Dissolved Manganese	< 0.005	mg/L	u	0.005			L787147-18
MW-13-3	9/3/2015	Dissolved Manganese	< 0.005	mg/L	u	0.005			L787147-24
MW-13-3	6/8/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-18
MW-13-3	3/8/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-18
MW-13-3	6/18/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-17
MW-13-3	12/11/2001	Dissolved Mercury	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Mercury	<0.0002	mg/l	uj		7470 A		L641227-06
MW-13-3	6/12/2013	Dissolved Mercury	<0.0002	mg/l	uj		7470 A		L641227-03
MW-13-3	3/31/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L509030-08
MW-13-3	12/11/2001	Dissolved Selenium	ND	mg/l	u				
MW-13-3	12/11/2001	Dissolved Selenium	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Selenium	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Dissolved Silver	ND	mg/l	u				
MW-13-3	12/11/2001	Dissolved Silver	ND	mg/l	u				
MW-13-3	6/12/2013	Dissolved Silver	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Dissolved Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Ethyl benzene	ND	ug/l	u				
MW-13-3	6/12/2013	Ethyl benzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Ethyl benzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	3/31/2011	Ferrous Fe	0	mg/l					L509030-08
MW-13-3	12/11/2001	Fluoranthene	ND	ug/l	u				
MW-13-3	12/11/2001	Fluoranthene	ND	ug/l	u				
MW-13-3	6/12/2013	Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Fluoranthene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Fluoranthene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Fluorene	ND	ug/l	u				
MW-13-3	12/11/2001	Fluorene	ND	ug/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	6/12/2013	Fluorene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Fluorene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Fluorene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Fluorene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Hexachloro-1,3-butadiene	ND	ug/l	u				
MW-13-3	6/12/2013	Hexachloro-1,3-butadiene	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Hexachloro-1,3-butadiene	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Hexachlorobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	Hexachlorobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	Hexachlorobenzene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Hexachlorobenzene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Hexachlorobenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Hexachlorobenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Hexachlorobutadiene	ND	ug/l	u				
MW-13-3	12/11/2001	Hexachlorobutadiene	ND	ug/l	u				
MW-13-3	12/11/2001	Hexachlorocyclopentadiene	ND	ug/l	u				
MW-13-3	12/11/2001	Hexachlorocyclopentadiene	ND	ug/l	u				
MW-13-3	6/12/2013	Hexachlorocyclopentadiene	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Hexachlorocyclopentadiene	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Hexachloroethane	ND	ug/l	u				
MW-13-3	12/11/2001	Hexachloroethane	ND	ug/l	u				
MW-13-3	6/12/2013	Hexachloroethane	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Hexachloroethane	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Indeno(1,2,3-cd)pyrene	ND	ug/l	u				
MW-13-3	12/11/2001	Indeno(1,2,3-cd)pyrene	ND	ug/l	u				
MW-13-3	6/12/2013	Indeno(1,2,3-cd)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Indeno(1,2,3-cd)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Indeno(1,2,3-cd)Pyrene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Indeno(1,2,3-cd)Pyrene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	3/31/2011	Iron	0.78	mg/l					L509030-08
MW-13-3	6/12/2013	Iron	0.16	mg/l					
MW-13-3	6/12/2013	Iron	0.28	mg/l	j		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Isophorone	ND	ug/l	u				
MW-13-3	12/11/2001	Isophorone	ND	ug/l	u				
MW-13-3	6/12/2013	Isophorone	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Isophorone	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Isopropylbenzene	ND	ug/l	u				
MW-13-3	6/12/2013	Isopropylbenzene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Isopropylbenzene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Lead	ND	mg/l	u				
MW-13-3	12/11/2001	Lead	ND	mg/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	6/12/2013	Lead	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	m&p-Xylenes	ND	ug/l	u				
MW-13-3	3/31/2011	Manganese	0.014	mg/l					L509030-08
MW-13-3	6/12/2013	Manganese	0.029	mg/l			6010 B/6020 B		L641227-03
MW-13-3	6/12/2013	Manganese	0.03	mg/l	j		6010 B/6020 B		L641227-06
MW-13-3	12/11/2001	Mercury	ND	mg/l	u				
MW-13-3	6/12/2013	Mercury	<0.0002	mg/l	uj		7470 A		L641227-06
MW-13-3	6/12/2013	Mercury	<0.0002	mg/l	uj		7470 A		L641227-03
MW-13-3	6/12/2013	Methyl Acetate	<20.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Methyl Acetate	<20.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-17
MW-13-3	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-22
MW-13-3	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-18
MW-13-3	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-24
MW-13-3	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-18
MW-13-3	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-18
MW-13-3	6/12/2013	Methyl Cyclohexane	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Methyl Cyclohexane	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Methyl tert-butyl ether	ND	ug/l	u				
MW-13-3	6/12/2013	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Methylene chloride	ND	ug/l	u				
MW-13-3	6/12/2013	Methylene chloride	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Methylene chloride	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-18
MW-13-3	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-3	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-3	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-3	6/12/2013	Naphthalene (SVOA)	<0.25	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Naphthalene (SVOA)	<0.25	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Naphthalene (SVOA)	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Naphthalene (SVOA)	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	n-Butylbenzene	ND	ug/l	u				
MW-13-3	12/11/2001	Nitrobenzene	ND	ug/l	u				
MW-13-3	12/11/2001	Nitrobenzene	ND	ug/l	u				
MW-13-3	6/12/2013	Nitrobenzene	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Nitrobenzene	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	N-Nitroso-Di-n-Propylamine	ND	ug/l	u				
MW-13-3	12/11/2001	N-Nitroso-Di-n-Propylamine	ND	ug/l	u				
MW-13-3	6/12/2013	N-Nitroso-Di-n-Propylamine	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	N-Nitroso-Di-n-Propylamine	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/11/2001	N-Nitrosodiphenylamine	ND	ug/l	u				
MW-13-3	12/11/2001	N-Nitrosodiphenylamine	ND	ug/l	u				
MW-13-3	6/12/2013	N-Nitrosodiphenylamine	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	N-Nitrosodiphenylamine	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-18

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	12/11/2001	n-Propylbenzene	ND	ug/l	u				
MW-13-3	12/11/2001	o-Xylene	ND	ug/l	u				
MW-13-3	12/11/2001	Pentachlorophenol	ND	ug/l	u				
MW-13-3	12/11/2001	Pentachlorophenol	ND	ug/l	u				
MW-13-3	6/12/2013	Pentachlorophenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Pentachlorophenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	3/31/2011	pH	5.9	s. u.					L509030-08
MW-13-3	12/11/2001	Phenanthrene	ND	ug/l	u				
MW-13-3	12/11/2001	Phenanthrene	ND	ug/l	u				
MW-13-3	6/12/2013	Phenanthrene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Phenanthrene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Phenanthrene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Phenanthrene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Phenol	ND	ug/l	u				
MW-13-3	12/11/2001	Phenol	ND	ug/l	u				
MW-13-3	6/12/2013	Phenol	<10.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Phenol	<10.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Phenol	<10	ug/L	u	10			L738573-17
MW-13-3	12/10/2014	Phenol	<10	ug/L	u	10			L738573-22
MW-13-3	9/3/2015	Phenol	<10	ug/L	u	10			L787147-18
MW-13-3	9/3/2015	Phenol	<10	ug/L	u	10			L787147-24
MW-13-3	6/8/2016	Phenol	<10	ug/L	u	10			L840417-18
MW-13-3	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-18
MW-13-3	12/11/2001	Pyrene	ND	ug/l	u				
MW-13-3	12/11/2001	Pyrene	ND	ug/l	u				
MW-13-3	6/12/2013	Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-06
MW-13-3	6/12/2013	Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-03
MW-13-3	6/12/2013	Pyrene	<1.0	ug/l	u		8270 D		L641227-06
MW-13-3	6/12/2013	Pyrene	<1.0	ug/l	u		8270 D		L641227-03
MW-13-3	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-18
MW-13-3	12/11/2001	Pyridine	ND	ug/l	u				
MW-13-3	12/11/2001	Pyridine	ND	ug/l	u				
MW-13-3	12/11/2001	sec-Butylbenzene	ND	ug/l	u				
MW-13-3	12/11/2001	Selenium	ND	mg/l	u				
MW-13-3	12/11/2001	Selenium	ND	mg/l	u				
MW-13-3	12/11/2001	Selenium	ND	mg/l	u				
MW-13-3	6/12/2013	Selenium	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Silver	ND	mg/l	u				
MW-13-3	12/11/2001	Silver	ND	mg/l	u				
MW-13-3	6/12/2013	Silver	<0.001	mg/l	uj		6010 B/6020 B		L641227-06
MW-13-3	6/12/2013	Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-03
MW-13-3	12/11/2001	Styrene	ND	mg/l	u				
MW-13-3	6/12/2013	Styrene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Styrene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Styrene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Styrene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Styrene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Styrene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Styrene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	tert-Butylbenzene	ND	ug/l	u				
MW-13-3	12/11/2001	Tetrachloroethene	ND	ug/l	u				
MW-13-3	6/12/2013	Tetrachloroethene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Tetrachloroethene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Tetrachloroethene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Tetrachloroethene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Toluene	ND	ug/l	u				
MW-13-3	6/12/2013	Toluene	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Toluene	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Toluene	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	Toluene	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	Toluene	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	Toluene	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	Toluene	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/10/2014	Total Chromium	< 0.01	mg/L	u	0.01			L738573-17

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3	12/10/2014	Total Chromium	0.014	mg/L					L738573-22
MW-13-3	9/3/2015	Total Chromium	< 0.01	mg/L	u	0.01			L787147-18
MW-13-3	9/3/2015	Total Chromium	< 0.01	mg/L	u	0.01			L787147-24
MW-13-3	6/8/2016	Total Chromium	<0.010	mg/L	u	0.01			L840417-18
MW-13-3	3/8/2017	Total Chromium	<0.010	mg/L	u	0.01			L894955-18
MW-13-3	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-17
MW-13-3	12/10/2014	Total Iron	0.18	mg/L					L738573-17
MW-13-3	12/10/2014	Total Iron	0.33	mg/L					L738573-22
MW-13-3	9/3/2015	Total Iron	0.231	mg/L					L787147-18
MW-13-3	9/3/2015	Total Iron	0.181	mg/L					L787147-24
MW-13-3	6/8/2016	Total Iron	0.197	mg/L					L840417-18
MW-13-3	3/8/2017	Total Iron	0.190	mg/L					L894955-18
MW-13-3	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-17
MW-13-3	12/10/2014	Total Manganese	0.013	mg/L					L738573-17
MW-13-3	12/10/2014	Total Manganese	0.014	mg/L					L738573-22
MW-13-3	9/3/2015	Total Manganese	0.00635	mg/L					L787147-18
MW-13-3	9/3/2015	Total Manganese	0.00605	mg/L					L787147-24
MW-13-3	6/8/2016	Total Manganese	0.0062	mg/L					L840417-18
MW-13-3	3/8/2017	Total Manganese	0.00505	mg/L					L894955-18
MW-13-3	6/18/2020	Total Manganese	0.00721	mg/L					L1231176-17
MW-13-3	3/31/2011	Total Organic Carbon	1.7	mg/l					L509030-08
MW-13-3	3/31/2011	Total Suspended Solids	26.0	mg/l					L509030-08
MW-13-3	12/11/2001	trans-1,2-Dichloroethene	ND	ug/l	u				
MW-13-3	6/12/2013	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	trans-1,3-Dichloropropene	ND	ug/l	u				
MW-13-3	6/12/2013	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Trichloroethene	ND	ug/l	u				
MW-13-3	6/12/2013	Trichloroethene	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Trichloroethene	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-17
MW-13-3	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-22
MW-13-3	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-18
MW-13-3	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-24
MW-13-3	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-18
MW-13-3	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-18
MW-13-3	12/11/2001	Trichlorofluoromethane	ND	ug/l	u				
MW-13-3	6/12/2013	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-17
MW-13-3	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-22
MW-13-3	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-18
MW-13-3	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-24
MW-13-3	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-18
MW-13-3	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-18
MW-13-3	12/11/2001	Vinyl acetate	ND	mg/l	u				
MW-13-3	6/12/2013	Vinyl chloride	<1.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Vinyl chloride	<1.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/11/2001	Xylenes, Total	ND	ug/l	u				
MW-13-3	6/12/2013	Xylenes, Total	<3.0	ug/l	u		8260 B		L641227-06
MW-13-3	6/12/2013	Xylenes, Total	<3.0	ug/l	u		8260 B		L641227-03
MW-13-3	12/10/2014	Xylenes, Total	<3	ug/L	u	3			L738573-17
MW-13-3	12/10/2014	Xylenes, Total	<3	ug/L	u	3			L738573-22
MW-13-3	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-18
MW-13-3	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-24
MW-13-3	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-18
MW-13-3	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-18
MW-13-3D	12/11/2001	1,1,1,2-Tetrachloroethane	ND	ug/l	u				
MW-13-3D	12/11/2001	1,1,1-Trichloroethane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,1,2,2-Tetrachloroethane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,1,2,2-Tetrachloroethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-19

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	6/8/2016	1,1,2,2,-Tetrachloroethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,1,2,2,-Tetrachloroethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,1,2-Trichloroethane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	6/12/2013	1,1,2-Trichlorotrifluoroethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/11/2001	1,1-Dichloroethane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,1-Dichloroethene	ND	ug/l	u				
MW-13-3D	6/12/2013	1,1-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,1-Dichloroethene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,1-Dichloroethene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,1-Dichloroethene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,1-Dichloroethene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,1-Dichloropropene	ND	ug/l	u				
MW-13-3D	12/11/2001	1,2,3-Trichlorobenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,2,3-Trichloropropane	ND	ug/l	u				
MW-13-3D	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	6/12/2013	1,2,4-Trichlorobenzene	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,2,4-Trimethylbenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	1,2-Dibromo-3-Chloropropane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-19
MW-13-3D	12/11/2001	1,2-Dibromoethane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,2-Dichlorobenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,2-Dichlorobenzene (VOA)	ND	ug/l	u				
MW-13-3D	12/11/2001	1,2-Dichloroethane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,2-Dichloroethene	ND	ug/l	u				
MW-13-3D	12/11/2001	1,2-Dichloropropane	ND	ug/l	u				
MW-13-3D	6/12/2013	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,2-Diphenylhydrazine	ND	ug/l	u				
MW-13-3D	12/11/2001	1,3-Dichlorobenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	6/12/2013	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	6/12/2013	1-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	12/11/2001	2,2-Dichloropropane	ND	ug/l	u				
MW-13-3D	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2,4 Dimethylphenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2,4,5-Trichlorophenol	ND	ug/l	u				
MW-13-3D	6/12/2013	2,4,5-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2,4,6-Trichlorophenol	ND	ug/l	u				
MW-13-3D	6/12/2013	2,4,6-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2,4-Dichlorophenol	ND	ug/l	u				
MW-13-3D	6/12/2013	2,4-Dichlorophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	2,4-Dimethylphenol	ND	ug/l	u				
MW-13-3D	6/12/2013	2,4-Dimethylphenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	2,4-Dinitrophenol	ND	ug/l	u				
MW-13-3D	6/12/2013	2,4-Dinitrophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2,4-Dinitrotoluene	ND	ug/l	u				
MW-13-3D	6/12/2013	2,4-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2,6-Dinitrotoluene	ND	ug/l	u				
MW-13-3D	6/12/2013	2,6-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2-Butanone	ND	ug/l	u				
MW-13-3D	6/12/2013	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-19
MW-13-3D	12/11/2001	2-Chloroethyl vinyl ether	ND	ug/l	u				
MW-13-3D	12/11/2001	2-Chloronaphthalene	ND	ug/l	u				
MW-13-3D	6/12/2013	2-Chloronaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	2-Chloronaphthalene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	2-Chlorophenol	ND	ug/l	u				
MW-13-3D	6/12/2013	2-Chlorophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2-Chlorotoluene	ND	ug/l	u				
MW-13-3D	12/11/2001	2-Hexanone	ND	ug/l	u				
MW-13-3D	6/12/2013	2-Hexanone	<10.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-19
MW-13-3D	12/11/2001	2-Methylnaphthalene	6	ug/l	u				
MW-13-3D	6/12/2013	2-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	2-Methylnaphthalene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	2-Methylphenol	ND	ug/l	u				
MW-13-3D	6/12/2013	2-Methylphenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	2-Nitroaniline	ND	ug/l	u				
MW-13-3D	6/12/2013	2-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	6/12/2013	2-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	3 & 4-Methylphenol	ND	ug/l	u				
MW-13-3D	6/12/2013	3&4-Methylphenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	3,3'-Dichlorobenzidine	ND	ug/l	u				
MW-13-3D	6/12/2013	3,3'-Dichlorobenzidine	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	3-Nitroaniline	ND	ug/l	u				
MW-13-3D	6/12/2013	3-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	4,6-Dinitro-2-methylphenol	ND	ug/l	u				
MW-13-3D	6/12/2013	4,6-Dinitro-2-methylphenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	4-Bromophenyl-phenyl ether	ND	ug/l	u				
MW-13-3D	6/12/2013	4-Bromophenyl-phenyl ether	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	4-Chloro-3-methylphenol	ND	ug/l	u				
MW-13-3D	6/12/2013	4-Chloro-3-methylphenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	4-Chloroaniline	ND	ug/l	u				
MW-13-3D	6/12/2013	4-Chloroaniline	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	4-Chlorophenylphenyl ether	ND	ug/l	u				
MW-13-3D	6/12/2013	4-Chlorophenylphenyl ether	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	4-Chlorotoluene	ND	ug/l	u				
MW-13-3D	12/11/2001	4-Isopropyltoluene	ND	ug/l	u				
MW-13-3D	12/11/2001	4-Methyl-2-pentanone	ND	ug/l	u				
MW-13-3D	6/12/2013	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-19
MW-13-3D	12/11/2001	4-Nitroaniline	ND	ug/l	u				
MW-13-3D	6/12/2013	4-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-19
MW-13-3D	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	4-Nitrophenol	ND	ug/l	u				
MW-13-3D	6/12/2013	4-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Acenaphthene	ND	ug/l	u				
MW-13-3D	6/12/2013	Acenaphthene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Acenaphthene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Acenaphthylene	ND	ug/l	u				
MW-13-3D	6/12/2013	Acenaphthylene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Acenaphthylene	<1.0	ug/l	u		8270 D		L641227-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Acetone	ND	ug/l	u				
MW-13-3D	6/12/2013	Acetone	<50.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Acetone	<50	ug/L	u	50			L738573-18
MW-13-3D	9/3/2015	Acetone	<50	ug/L	u	50			L787147-19
MW-13-3D	6/8/2016	Acetone	<50	ug/L	u	50			L840417-19
MW-13-3D	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-19
MW-13-3D	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-19
MW-13-3D	6/12/2013	Acetophenone	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Acrylonitrile	ND	ug/l	u				
MW-13-3D	12/11/2001	Aniline	ND	ug/l	u				
MW-13-3D	12/11/2001	Anthracene	ND	ug/l	u				
MW-13-3D	6/12/2013	Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Anthracene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Arsenic	ND	mg/l	u				
MW-13-3D	6/12/2013	Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	6/12/2013	Atrazine	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Barium	0.429	mg/l					
MW-13-3D	6/12/2013	Barium	0.0066	mg/l	j		6010 B/6020 B		L641227-04
MW-13-3D	6/12/2013	Benzaldehyde	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Benzene	1	ug/l					
MW-13-3D	6/12/2013	Benzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Benzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Benzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Benzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Benzo(a)anthracene	ND	ug/l	u				
MW-13-3D	6/12/2013	Benzo(a)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Benzo(a)Anthracene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	Benzo(a)pyrene	ND	ug/l	u				
MW-13-3D	6/12/2013	Benzo(a)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Benzo(a)Pyrene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	Benzo(b)fluoranthene	ND	ug/l	u				
MW-13-3D	6/12/2013	Benzo(b)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Benzo(b)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	Benzo(g,h,i)perylene	ND	ug/l	u				
MW-13-3D	6/12/2013	Benzo(g,h,i)Perylene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Benzo(g,h,i)Perylene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	Benzo(k)fluoranthene	ND	ug/l	u				
MW-13-3D	6/12/2013	Benzo(k)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Benzo(k)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Benzo[a]anthracene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Benzo[a]anthracene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Benzo[a]anthracene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/10/2014	Benzo[a]pyrene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Benzo[a]pyrene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Benzo[a]pyrene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/10/2014	Benzo[b]fluoranthene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Benzo[b]fluoranthene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Benzo[b]fluoranthene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/10/2014	Benzo[g,h,i]perylene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Benzo[g,h,i]perylene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Benzo[g,h,i]perylene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/10/2014	Benzo[k]fluoranthene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Benzo[k]fluoranthene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Benzo[k]fluoranthene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Benzoic acid	ND	ug/l	u				
MW-13-3D	12/11/2001	Benzyl alcohol	ND	ug/l	u				
MW-13-3D	6/12/2013	Benzylbutyl phthalate	<3.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Benzylbutyl phthalate	<3	ug/L	u	3			L738573-18
MW-13-3D	9/3/2015	Benzylbutyl phthalate	<3	ug/L	u	3			L787147-19
MW-13-3D	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-19
MW-13-3D	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-19
MW-13-3D	6/12/2013	Biphenyl	<10.0	ug/l	u		8270 D		L641227-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	bis-(2-Chloroethoxy)Methane	ND	ug/l	u				
MW-13-3D	6/12/2013	bis-(2-Chloroethoxy)Methane	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	bis-(2-Chloroethyl) Ether	ND	ug/l	u				
MW-13-3D	6/12/2013	bis-(2-Chloroethyl) Ether	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-19
MW-13-3D	12/11/2001	bis-(2-Chloroisopropyl) Ether	ND	ug/l	u				
MW-13-3D	6/12/2013	bis-(2-Chloroisopropyl) Ether	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	bis(2-Ethylhexyl)phthalate	ND	ug/l	u				
MW-13-3D	6/12/2013	bis(2-Ethylhexyl)Phthalate	<3.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-18
MW-13-3D	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-19
MW-13-3D	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-19
MW-13-3D	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-19
MW-13-3D	12/11/2001	Bromobenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	Bromochloromethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Bromochloromethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Bromodichloromethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Bromodichloromethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Bromoform	ND	ug/l	u				
MW-13-3D	6/12/2013	Bromoform	<1.0	ug/l	uj		8260 B		L641227-04
MW-13-3D	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Bromomethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Bromomethane	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-19
MW-13-3D	12/11/2001	Butyl benzyl phthalate	ND	ug/l	u				
MW-13-3D	12/11/2001	Cadmium	ND	mg/l	u				
MW-13-3D	6/12/2013	Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	6/12/2013	Caprolactam	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Carbazole	ND	ug/l	u				
MW-13-3D	6/12/2013	Carbazole	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-19
MW-13-3D	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Carbon disulfide	ND	ug/l	u				
MW-13-3D	6/12/2013	Carbon disulfide	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Carbon tetrachloride	ND	ug/l	u				
MW-13-3D	6/12/2013	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Chlorobenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	Chlorobenzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	6/12/2013	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-18

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Chloroethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Chloroethane	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-19
MW-13-3D	12/11/2001	Chloroform	ND	ug/l	u				
MW-13-3D	6/12/2013	Chloroform	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-19
MW-13-3D	12/11/2001	Chloromethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Chloromethane	<2.5	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-18
MW-13-3D	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-19
MW-13-3D	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-19
MW-13-3D	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-19
MW-13-3D	12/11/2001	Chromium	ND	mg/l	u				
MW-13-3D	6/12/2013	Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Chrysene	ND	ug/l	u				
MW-13-3D	6/12/2013	Chrysene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Chrysene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Chrysene	<1	ug/l	u	1			L738573-18
MW-13-3D	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	cis-1,2-Dichloroethene	ND	ug/l	u				
MW-13-3D	6/12/2013	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	cis-1,3-Dichloropropene	ND	ug/l	u				
MW-13-3D	6/12/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	6/12/2013	Cyclohexane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Dibenz(a,h)anthracene	ND	ug/l	u				
MW-13-3D	6/12/2013	Dibenz(a,h)anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Dibenz(a,h)anthracene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Dibenzofuran	ND	ug/l	u				
MW-13-3D	6/12/2013	Dibenzofuran	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Dibromochloromethane	ND	ug/l	u				
MW-13-3D	12/11/2001	Dibromomethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-19
MW-13-3D	12/11/2001	Diethyl phthalate	ND	ug/l	u				
MW-13-3D	6/12/2013	Diethylphthalate	<3.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-18
MW-13-3D	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-19
MW-13-3D	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-19
MW-13-3D	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-19
MW-13-3D	12/11/2001	Dimethyl phthalate	ND	ug/l	u				
MW-13-3D	6/12/2013	Dimethyl Phthalate	<3.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-18
MW-13-3D	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-19
MW-13-3D	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-19
MW-13-3D	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-19
MW-13-3D	12/11/2001	Di-n-butyl phthalate	ND	ug/l	u				
MW-13-3D	6/12/2013	Di-n-butyl phthalate	<3.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-18
MW-13-3D	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-19
MW-13-3D	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-19
MW-13-3D	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-19
MW-13-3D	12/11/2001	Di-n-octyl phthalate	ND	ug/l	u				
MW-13-3D	6/12/2013	Di-n-octyl phthalate	<1.0	ug/l	u		8270 D		L641227-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-19
MW-13-3D	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-19
MW-13-3D	12/11/2001	Dissolved Arsenic	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Arsenic	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Dissolved Barium	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Barium	0.0063	mg/l	j		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Dissolved Cadmium	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Cadmium	<0.0005	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Dissolved Chromium	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-04
MW-13-3D	12/10/2014	Dissolved Chromium	< 0.01	mg/L	u	0.01			L738573-18
MW-13-3D	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-19
MW-13-3D	6/8/2016	Dissolved Chromium	<0.010	mg/L	u	0.01			L840417-19
MW-13-3D	3/8/2017	Dissolved Chromium	<0.010	mg/L	u	0.01			L894955-19
MW-13-3D	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-18
MW-13-3D	3/31/2011	Dissolved Iron	<0.1	mg/l	u				L509030-09
MW-13-3D	6/12/2013	Dissolved Iron	<0.1	mg/l	uj		6010 B/6020 B		L641227-04
MW-13-3D	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-18
MW-13-3D	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-19
MW-13-3D	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-19
MW-13-3D	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-19
MW-13-3D	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-18
MW-13-3D	12/11/2001	Dissolved Lead	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	3/31/2011	Dissolved Manganese	0.14	mg/l					L509030-09
MW-13-3D	6/12/2013	Dissolved Manganese	0.15	mg/l			6010 B/6020 B		L641227-04
MW-13-3D	12/10/2014	Dissolved Manganese	0.13	mg/L					L738573-18
MW-13-3D	9/3/2015	Dissolved Manganese	0.121	mg/L					L787147-19
MW-13-3D	6/8/2016	Dissolved Manganese	0.117	mg/L					L840417-19
MW-13-3D	3/8/2017	Dissolved Manganese	0.111	mg/L					L894955-19
MW-13-3D	6/18/2020	Dissolved Manganese	0.123	mg/L					L1231176-18
MW-13-3D	12/11/2001	Dissolved Mercury	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Mercury	<0.0002	mg/l	uj		7470 A		L641227-04
MW-13-3D	3/31/2011	Dissolved Organic Carbon	<1.0	mg/l	u				L509030-09
MW-13-3D	12/11/2001	Dissolved Selenium	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Dissolved Silver	ND	mg/l	u				
MW-13-3D	6/12/2013	Dissolved Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Ethyl benzene	ND	ug/l	u				
MW-13-3D	6/12/2013	Ethyl benzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	3/31/2011	Ferrous Fe	0.05	mg/l					L509030-09
MW-13-3D	12/11/2001	Fluoranthene	ND	ug/l	u				
MW-13-3D	6/12/2013	Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Fluoranthene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Fluorene	ND	ug/l	u				
MW-13-3D	6/12/2013	Fluorene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Fluorene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Hexachloro-1,3-butadiene	ND	ug/l	u				
MW-13-3D	6/12/2013	Hexachloro-1,3-butadiene	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Hexachlorobenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	Hexachlorobenzene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Hexachlorobenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Hexachlorobutadiene	ND	ug/l	u				
MW-13-3D	12/11/2001	Hexachlorocyclopentadiene	ND	ug/l	u				
MW-13-3D	6/12/2013	Hexachlorocyclopentadiene	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Hexachloroethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Hexachloroethane	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Indeno(1,2,3-cd)pyrene	ND	ug/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	6/12/2013	Indeno(1,2,3-cd)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Indeno(1,2,3-cd)Pyrene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	3/31/2011	Iron	0.98	mg/l					L509030-09
MW-13-3D	6/12/2013	Iron	0.12	mg/l	j		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Isophorone	ND	ug/l	u				
MW-13-3D	6/12/2013	Isophorone	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Isopropylbenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	Isopropylbenzene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Lead	ND	mg/l	u				
MW-13-3D	6/12/2013	Lead	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	m&p-Xylenes	ND	ug/l	u				
MW-13-3D	3/31/2011	Manganese	0.16	mg/l					L509030-09
MW-13-3D	6/12/2013	Manganese	0.14	mg/l			6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Mercury	ND	mg/l	u				
MW-13-3D	6/12/2013	Mercury	<0.0002	mg/l	uj		7470 A		L641227-04
MW-13-3D	6/12/2013	Methyl Acetate	<20.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-18
MW-13-3D	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-19
MW-13-3D	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-19
MW-13-3D	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-19
MW-13-3D	6/12/2013	Methyl Cyclohexane	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Methyl tert-butyl ether	ND	ug/l	u				
MW-13-3D	6/12/2013	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Methylene chloride	ND	ug/l	u				
MW-13-3D	6/12/2013	Methylene chloride	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-19
MW-13-3D	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Naphthalene (SVOA)	22	ug/l					
MW-13-3D	12/11/2001	Naphthalene (SVOA)	22	ug/l					
MW-13-3D	6/12/2013	Naphthalene (SVOA)	<0.25	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Naphthalene (SVOA)	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	n-Butylbenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	Nitrobenzene	ND	ug/l	u				
MW-13-3D	6/12/2013	Nitrobenzene	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	N-Nitroso-Di-n-Propylamine	ND	ug/l	u				
MW-13-3D	6/12/2013	N-Nitroso-Di-n-Propylamine	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/11/2001	N-Nitrosodiphenylamine	ND	ug/l	u				
MW-13-3D	6/12/2013	N-Nitrosodiphenylamine	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	n-Propylbenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	o-Xylene	5	ug/l					
MW-13-3D	12/11/2001	Pentachlorophenol	ND	ug/l	u				
MW-13-3D	6/12/2013	Pentachlorophenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	3/31/2011	pH	6.6	s.u.					L509030-09
MW-13-3D	12/11/2001	Phenanthrene	ND	ug/l	u				
MW-13-3D	6/12/2013	Phenanthrene	0.12	ug/l			8270 D-SIM		L641227-04

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	6/12/2013	Phenanthrene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Phenol	ND	ug/l	u				
MW-13-3D	6/12/2013	Phenol	<10.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Phenol	<10	ug/L	u	10			L738573-18
MW-13-3D	9/3/2015	Phenol	<10	ug/L	u	10			L787147-19
MW-13-3D	6/8/2016	Phenol	<10	ug/L	u	10			L840417-19
MW-13-3D	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-19
MW-13-3D	12/11/2001	Pyrene	ND	ug/l	u				
MW-13-3D	6/12/2013	Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-04
MW-13-3D	6/12/2013	Pyrene	<1.0	ug/l	u		8270 D		L641227-04
MW-13-3D	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-19
MW-13-3D	12/11/2001	Pyridine	ND	ug/l	u				
MW-13-3D	12/11/2001	sec-Butylbenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	Selenium	ND	mg/l	u				
MW-13-3D	6/12/2013	Selenium	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Silver	ND	mg/l	u				
MW-13-3D	6/12/2013	Silver	<0.001	mg/l	u		6010 B/6020 B		L641227-04
MW-13-3D	12/11/2001	Styrene	ND	mg/l	u				
MW-13-3D	6/12/2013	Styrene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Styrene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Styrene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Styrene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	tert-Butylbenzene	ND	ug/l	u				
MW-13-3D	12/11/2001	Tetrachloroethene	ND	ug/l	u				
MW-13-3D	6/12/2013	Tetrachloroethene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Tetrachloroethene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Toluene	ND	ug/l	u				
MW-13-3D	6/12/2013	Toluene	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Toluene	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	Toluene	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	Toluene	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/10/2014	Total Chromium	< 0.01	mg/L	u	0.01			L738573-18
MW-13-3D	9/3/2015	Total Chromium	0.0101	mg/L					L787147-19
MW-13-3D	6/8/2016	Total Chromium	<0.010	mg/L	u	0.01			L840417-19
MW-13-3D	3/8/2017	Total Chromium	<0.010	mg/L	u	0.01			L894955-19
MW-13-3D	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-18
MW-13-3D	12/10/2014	Total Iron	0.3	mg/L					L738573-18
MW-13-3D	9/3/2015	Total Iron	0.961	mg/L					L787147-19
MW-13-3D	6/8/2016	Total Iron	0.36	mg/L					L840417-19
MW-13-3D	3/8/2017	Total Iron	0.218	mg/L					L894955-19
MW-13-3D	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-18
MW-13-3D	12/10/2014	Total Manganese	0.12	mg/L					L738573-18
MW-13-3D	9/3/2015	Total Manganese	0.122	mg/L					L787147-19
MW-13-3D	6/8/2016	Total Manganese	0.121	mg/L					L840417-19
MW-13-3D	3/8/2017	Total Manganese	0.112	mg/L					L894955-19
MW-13-3D	6/18/2020	Total Manganese	0.131	mg/L					L1231176-18
MW-13-3D	3/31/2011	Total Organic Carbon	1.3	mg/l					L509030-09
MW-13-3D	3/31/2011	Total Suspended Solids	7.4	mg/l					L509030-09
MW-13-3D	12/11/2001	trans-1,2-Dichloroethene	ND	ug/l	u				
MW-13-3D	6/12/2013	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	trans-1,3-Dichloropropene	ND	ug/l	u				
MW-13-3D	6/12/2013	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Trichloroethene	ND	ug/l	u				
MW-13-3D	6/12/2013	Trichloroethene	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-19
MW-13-3D	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-18
MW-13-3D	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-19
MW-13-3D	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-19
MW-13-3D	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-19
MW-13-3D	12/11/2001	Trichlorofluoromethane	ND	ug/l	u				
MW-13-3D	6/12/2013	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-18
MW-13-3D	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-19
MW-13-3D	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-19

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-3D	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-19
MW-13-3D	12/11/2001	Vinyl acetate	ND	mg/l	u				
MW-13-3D	6/12/2013	Vinyl chloride	<1.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/11/2001	Xylenes, Total	ND	ug/l	u				
MW-13-3D	6/12/2013	Xylenes, Total	<3.0	ug/l	u		8260 B		L641227-04
MW-13-3D	12/10/2014	Xylenes, Total	<3	ug/L	u	3			L738573-18
MW-13-3D	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-19
MW-13-3D	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-19
MW-13-3D	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-19
MW-13-4	12/11/2001	1,1,1,2-Tetrachloroethane	ND	ug/l	u				
MW-13-4	12/11/2001	1,1,1-Trichloroethane	ND	ug/l	u				
MW-13-4	6/12/2013	1,1,1-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,1,2,2-Tetrachloroethane	ND	ug/l	u				
MW-13-4	6/12/2013	1,1,2,2-Tetrachloroethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,1,2-Trichloroethane	ND	ug/l	u				
MW-13-4	6/12/2013	1,1,2-Trichloroethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	6/12/2013	1,1,2-Trichlorotrifluoroethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/11/2001	1,1-Dichloroethane	ND	ug/l	u				
MW-13-4	6/12/2013	1,1-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,1-Dichloropropene	ND	ug/l	u				
MW-13-4	12/11/2001	1,2,3-Trichlorobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	1,2,3-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,2,3-Trichloropropane	ND	ug/l	u				
MW-13-4	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-4	12/11/2001	1,2,4-Trichlorobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	1,2,4-Trichlorobenzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	6/12/2013	1,2,4-Trichlorobenzene	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,2,4-Trimethylbenzene	ND	ug/l	u				
MW-13-4	12/11/2001	1,2-Dibromo-3-Chloropropane	ND	ug/l	u				
MW-13-4	6/12/2013	1,2-Dibromo-3-Chloropropane	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-20
MW-13-4	12/11/2001	1,2-Dibromoethane	ND	ug/l	u				
MW-13-4	6/12/2013	1,2-Dibromoethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,2-Dichlorobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	1,2-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,2-Dichlorobenzene (VOA)	ND	ug/l	u				
MW-13-4	12/11/2001	1,2-Dichloroethane	ND	ug/l	u				
MW-13-4	6/12/2013	1,2-Dichloroethane	<1.0	ug/l	u		8260 B		L641227-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,2-Dichloroethane	ND	ug/l	u				
MW-13-4	12/11/2001	1,2-Dichloropropane	ND	ug/l	u				
MW-13-4	6/12/2013	1,2-Dichloropropane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,2-Diphenylhydrazine	ND	ug/l	u				
MW-13-4	12/11/2001	1,3-Dichlorobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	1,3-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-4	12/11/2001	1,4-Dichlorobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	1,4-Dichlorobenzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	6/12/2013	1-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	12/11/2001	2,2-Dichloropropane	ND	ug/l	u				
MW-13-4	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2,4 Dimethylphenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2,4,5-Trichlorophenol	ND	ug/l	u				
MW-13-4	6/12/2013	2,4,5-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2,4,6-Trichlorophenol	ND	ug/l	u				
MW-13-4	6/12/2013	2,4,6-Trichlorophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2,4-Dichlorophenol	ND	ug/l	u				
MW-13-4	6/12/2013	2,4-Dichlorophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	2,4-Dimethylphenol	ND	ug/l	u				
MW-13-4	6/12/2013	2,4-Dimethylphenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	2,4-Dinitrophenol	ND	ug/l	u				
MW-13-4	6/12/2013	2,4-Dinitrophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2,4-Dinitrotoluene	ND	ug/l	u				
MW-13-4	6/12/2013	2,4-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2,6-Dinitrotoluene	ND	ug/l	u				
MW-13-4	6/12/2013	2,6-Dinitrotoluene	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2-Butanone	ND	ug/l	u				
MW-13-4	6/12/2013	2-Butanone (MEK)	<10.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-20
MW-13-4	12/11/2001	2-Chloroethyl vinyl ether	ND	ug/l	u				
MW-13-4	12/11/2001	2-Chloronaphthalene	ND	ug/l	u				
MW-13-4	6/12/2013	2-Chloronaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	2-Chloronaphthalene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	2-Chlorophenol	ND	ug/l	u				
MW-13-4	6/12/2013	2-Chlorophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2-Chlorotoluene	ND	ug/l	u				
MW-13-4	12/11/2001	2-Hexanone	ND	ug/l	u				

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	6/12/2013	2-Hexanone	<10.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-20
MW-13-4	12/11/2001	2-Methylnaphthalene	ND	ug/l	u				
MW-13-4	6/12/2013	2-Methylnaphthalene	<0.25	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	2-Methylnaphthalene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	2-Methylphenol	ND	ug/l	u				
MW-13-4	6/12/2013	2-Methylphenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	2-Nitroaniline	ND	ug/l	u				
MW-13-4	6/12/2013	2-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	6/12/2013	2-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	3 & 4-Methylphenol	ND	ug/l	u				
MW-13-4	6/12/2013	3&4-Methylphenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	3,3'-Dichlorobenzidine	ND	ug/l	u				
MW-13-4	6/12/2013	3,3'-Dichlorobenzidine	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	3-Nitroaniline	ND	ug/l	u				
MW-13-4	6/12/2013	3-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	4,6-Dinitro-2-methylphenol	ND	ug/l	u				
MW-13-4	6/12/2013	4,6-Dinitro-2-methylphenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	4-Bromophenyl-phenyl ether	ND	ug/l	u				
MW-13-4	6/12/2013	4-Bromophenyl-phenyl ether	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	4-Chloro-3-methylphenol	ND	ug/l	u				
MW-13-4	6/12/2013	4-Chloro-3-methylphenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	4-Chloroaniline	ND	ug/l	u				
MW-13-4	6/12/2013	4-Chloroaniline	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	4-Chlorophenylphenyl ether	ND	ug/l	u				
MW-13-4	6/12/2013	4-Chlorophenylphenyl ether	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	4-Chlorotoluene	ND	ug/l	u				
MW-13-4	12/11/2001	4-Isopropyltoluene	ND	ug/l	u				
MW-13-4	6/12/2013	4-Methyl-2-pentanone	<10.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-20
MW-13-4	12/11/2001	4-Nitroaniline	ND	ug/l	u				
MW-13-4	6/12/2013	4-Nitroaniline	<10.0	ug/l	u		8270 D		L641227-05

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-20
MW-13-4	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	4-Nitrophenol	ND	ug/l	u				
MW-13-4	6/12/2013	4-Nitrophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Acenaphthene	ND	ug/l	u				
MW-13-4	6/12/2013	Acenaphthene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Acenaphthene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Acenaphthylene	ND	ug/l	u				
MW-13-4	6/12/2013	Acenaphthylene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Acenaphthylene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Acetone	ND	ug/l	u				
MW-13-4	6/12/2013	Acetone	<50.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Acetone	<50	ug/L	u	50			L738573-19
MW-13-4	9/3/2015	Acetone	<50	ug/L	u	50			L787147-20
MW-13-4	6/8/2016	Acetone	<50	ug/L	u	50			L840417-20
MW-13-4	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-20
MW-13-4	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-20
MW-13-4	6/12/2013	Acetophenone	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Acrylonitrile	ND	ug/l	u				
MW-13-4	12/11/2001	Aniline	ND	ug/l	u				
MW-13-4	12/11/2001	Anthracene	ND	ug/l	u				
MW-13-4	6/12/2013	Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Anthracene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Arsenic	ND	mg/l	u				
MW-13-4	6/12/2013	Arsenic	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	6/12/2013	Atrazine	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Barium	0.038	mg/l					
MW-13-4	6/12/2013	Barium	0.023	mg/l	j		6010 B/6020 B		L641227-05
MW-13-4	6/12/2013	Benzaldehyde	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Benzene	ND	ug/l	u				
MW-13-4	6/12/2013	Benzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Benzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Benzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Benzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Benzo(a)anthracene	ND	ug/l	u				
MW-13-4	6/12/2013	Benzo(a)Anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Benzo(a)Anthracene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	Benzo(a)pyrene	ND	ug/l	u				
MW-13-4	6/12/2013	Benzo(a)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Benzo(a)Pyrene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	Benzo(b)fluoranthene	ND	ug/l	u				
MW-13-4	6/12/2013	Benzo(b)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Benzo(b)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	Benzo(g,h,i)perylene	ND	ug/l	u				
MW-13-4	6/12/2013	Benzo(g,h,i)Perylene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Benzo(g,h,i)Perylene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	Benzo(k)fluoranthene	ND	ug/l	u				
MW-13-4	6/12/2013	Benzo(k)Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Benzo(k)Fluoranthene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Benzo[a]anthracene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Benzo[a]anthracene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Benzo[a]anthracene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/10/2014	Benzo[a]pyrene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Benzo[a]pyrene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Benzo[a]pyrene	<0.91	ug/L	u	0.91			L894955-20

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	12/10/2014	Benzo[b]fluoranthene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Benzo[b]fluoranthene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Benzo[b]fluoranthene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/10/2014	Benzo[g,h,i]perylene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Benzo[g,h,i]perylene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Benzo[g,h,i]perylene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/10/2014	Benzo[k]fluoranthene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Benzo[k]fluoranthene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Benzo[k]fluoranthene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Benzoic acid	ND	ug/l	u				
MW-13-4	12/11/2001	Benzyl alcohol	ND	ug/l	u				
MW-13-4	6/12/2013	Benzylbutyl phthalate	<3.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Benzylbutyl phthalate	<3	ug/L	u	3			L738573-19
MW-13-4	9/3/2015	Benzylbutyl phthalate	<3	ug/L	u	3			L787147-20
MW-13-4	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-20
MW-13-4	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-20
MW-13-4	6/12/2013	Biphenyl	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	bis-(2-Chloroethoxy)Methane	ND	ug/l	u				
MW-13-4	6/12/2013	bis-(2-Chloroethoxy)Methane	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	bis-(2-Chloroethyl) Ether	ND	ug/l	u				
MW-13-4	6/12/2013	bis-(2-Chloroethyl) Ether	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-20
MW-13-4	12/11/2001	bis-(2-Chloroisopropyl) Ether	ND	ug/l	u				
MW-13-4	6/12/2013	bis-(2-Chloroisopropyl) Ether	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	bis(2-Ethylhexyl)phthalate	ND	ug/l	u				
MW-13-4	6/12/2013	bis(2-Ethylhexyl)Phthalate	<3.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-19
MW-13-4	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-20
MW-13-4	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-20
MW-13-4	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-20
MW-13-4	12/11/2001	Bromobenzene	ND	ug/l	u				
MW-13-4	12/11/2001	Bromochloromethane	ND	ug/l	u				
MW-13-4	6/12/2013	Bromochloromethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Bromodichloromethane	ND	ug/l	u				
MW-13-4	6/12/2013	Bromodichloromethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Bromoform	ND	ug/l	u				
MW-13-4	6/12/2013	Bromoform	<1.0	ug/l	uj		8260 B		L641227-05
MW-13-4	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Bromomethane	ND	ug/l	u				
MW-13-4	6/12/2013	Bromomethane	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-20
MW-13-4	12/11/2001	Butyl benzyl phthalate	ND	ug/l	u				
MW-13-4	12/11/2001	Cadmium	ND	mg/l	u				
MW-13-4	6/12/2013	Cadmium	<0.0005	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	6/12/2013	Caprolactam	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Carbazole	ND	ug/l	u				
MW-13-4	6/12/2013	Carbazole	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-20
MW-13-4	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-20

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	12/11/2001	Carbon disulfide	ND	ug/l	u				
MW-13-4	6/12/2013	Carbon disulfide	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Carbon tetrachloride	ND	ug/l	u				
MW-13-4	6/12/2013	Carbon tetrachloride	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Chlorobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	Chlorobenzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	6/12/2013	Chlorodibromomethane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Chloroethane	ND	ug/l	u				
MW-13-4	6/12/2013	Chloroethane	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-20
MW-13-4	12/11/2001	Chloroform	ND	ug/l	u				
MW-13-4	6/12/2013	Chloroform	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-20
MW-13-4	12/11/2001	Chloromethane	ND	ug/l	u				
MW-13-4	6/12/2013	Chloromethane	<2.5	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-19
MW-13-4	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-20
MW-13-4	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-20
MW-13-4	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-20
MW-13-4	12/11/2001	Chromium	ND	mg/l	u				
MW-13-4	6/12/2013	Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Chrysene	ND	ug/l	u				
MW-13-4	6/12/2013	Chrysene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Chrysene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Chrysene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	cis-1,2-Dichloroethene	ND	ug/l	u				
MW-13-4	6/12/2013	cis-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	cis-1,3-Dichloropropene	ND	ug/l	u				
MW-13-4	6/12/2013	cis-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-20
MW-13-4	6/12/2013	Cyclohexane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Dibenz(a,h)anthracene	ND	ug/l	u				
MW-13-4	6/12/2013	Dibenz(a,h)anthracene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Dibenz(a,h)anthracene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Dibenzofuran	ND	ug/l	u				
MW-13-4	6/12/2013	Dibenzofuran	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Dibromochloromethane	ND	ug/l	u				
MW-13-4	12/11/2001	Dibromomethane	ND	ug/l	u				
MW-13-4	6/12/2013	Dichlorodifluoromethane	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-20

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	12/11/2001	Diethyl phthalate	ND	ug/l	u				
MW-13-4	6/12/2013	Diethylphthalate	<3.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-19
MW-13-4	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-20
MW-13-4	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-20
MW-13-4	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-20
MW-13-4	12/11/2001	Dimethyl phthalate	ND	ug/l	u				
MW-13-4	6/12/2013	Dimethyl Phthalate	<3.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-19
MW-13-4	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-20
MW-13-4	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-20
MW-13-4	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-20
MW-13-4	12/11/2001	Di-n-butyl phthalate	ND	ug/l	u				
MW-13-4	6/12/2013	Di-n-butyl phthalate	<3.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-19
MW-13-4	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-20
MW-13-4	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-20
MW-13-4	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-20
MW-13-4	12/11/2001	Di-n-octyl phthalate	ND	ug/l	u				
MW-13-4	6/12/2013	Di-n-octyl phthalate	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-20
MW-13-4	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-20
MW-13-4	12/11/2001	Dissolved Arsenic	ND	mg/l	u				
MW-13-4	6/12/2013	Dissolved Arsenic	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Dissolved Barium	0.0335	mg/l					
MW-13-4	6/12/2013	Dissolved Barium	0.022	mg/l	j		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Dissolved Cadmium	ND	mg/l	u				
MW-13-4	6/12/2013	Dissolved Cadmium	<0.0005	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Dissolved Chromium	ND	mg/l	u				
MW-13-4	6/12/2013	Dissolved Chromium	<0.01	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/10/2014	Dissolved Chromium	< 0.01	mg/L	u	0.01			L738573-19
MW-13-4	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-20
MW-13-4	6/8/2016	Dissolved Chromium	<0.010	mg/L	u	0.01			L840417-20
MW-13-4	3/8/2017	Dissolved Chromium	<0.010	mg/L	u	0.01			L894955-20
MW-13-4	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-19
MW-13-4	6/12/2013	Dissolved Iron	<0.1	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-19
MW-13-4	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-20
MW-13-4	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-20
MW-13-4	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-20
MW-13-4	6/18/2020	Dissolved Iron	0.134	mg/L					L1231176-19
MW-13-4	12/11/2001	Dissolved Lead	ND	mg/l	u				
MW-13-4	6/12/2013	Dissolved Lead	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	6/12/2013	Dissolved Manganese	0.0051	mg/l			6010 B/6020 B		L641227-05
MW-13-4	12/10/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-19
MW-13-4	9/3/2015	Dissolved Manganese	0.00656	mg/L					L787147-20
MW-13-4	6/8/2016	Dissolved Manganese	0.00758	mg/L					L840417-20
MW-13-4	3/8/2017	Dissolved Manganese	0.00632	mg/L					L894955-20
MW-13-4	6/18/2020	Dissolved Manganese	0.00948	mg/L					L1231176-19
MW-13-4	12/11/2001	Dissolved Mercury	ND	mg/l	u				
MW-13-4	6/12/2013	Dissolved Mercury	<0.0002	mg/l	uj		7470 A		L641227-05
MW-13-4	12/11/2001	Dissolved Selenium	ND	mg/l	u				
MW-13-4	6/12/2013	Dissolved Selenium	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Dissolved Silver	ND	mg/l	u				
MW-13-4	6/12/2013	Dissolved Silver	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Ethyl benzene	ND	ug/l	u				
MW-13-4	6/12/2013	Ethyl benzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Fluoranthene	ND	ug/l	u				
MW-13-4	6/12/2013	Fluoranthene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Fluoranthene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Fluorene	ND	ug/l	u				
MW-13-4	6/12/2013	Fluorene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Fluorene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Hexachloro-1,3-butadiene	ND	ug/l	u				
MW-13-4	6/12/2013	Hexachloro-1,3-butadiene	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Hexachlorobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	Hexachlorobenzene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Hexachlorobenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-20

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Hexachlorobutadiene	ND	ug/l	u				
MW-13-4	12/11/2001	Hexachlorocyclopentadiene	ND	ug/l	u				
MW-13-4	6/12/2013	Hexachlorocyclopentadiene	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Hexachloroethane	ND	ug/l	u				
MW-13-4	6/12/2013	Hexachloroethane	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Indeno(1,2,3-cd)pyrene	ND	ug/l	u				
MW-13-4	6/12/2013	Indeno(1,2,3-cd)Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Indeno(1,2,3-cd)Pyrene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	6/12/2013	Iron	0.15	mg/l	j		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Isophorone	ND	ug/l	u				
MW-13-4	6/12/2013	Isophorone	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Isopropylbenzene	ND	ug/l	u				
MW-13-4	6/12/2013	Isopropylbenzene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Lead	ND	mg/l	u				
MW-13-4	6/12/2013	Lead	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	m&p-Xylenes	ND	ug/l	u				
MW-13-4	6/12/2013	Manganese	0.011	mg/l	j		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Mercury	ND	mg/l	u				
MW-13-4	6/12/2013	Mercury	<0.0002	mg/l	uj		7470 A		L641227-05
MW-13-4	6/12/2013	Methyl Acetate	<20.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-19
MW-13-4	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-20
MW-13-4	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-20
MW-13-4	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-20
MW-13-4	6/12/2013	Methyl Cyclohexane	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Methyl tert-butyl ether	ND	ug/l	u				
MW-13-4	6/12/2013	Methyl tert-butyl ether	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Methylene chloride	ND	ug/l	u				
MW-13-4	6/12/2013	Methylene chloride	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-20
MW-13-4	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-4	12/11/2001	Naphthalene (SVOA)	ND	ug/l	u				
MW-13-4	6/12/2013	Naphthalene (SVOA)	<0.25	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Naphthalene (SVOA)	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	n-Butylbenzene	ND	ug/l	u				
MW-13-4	12/11/2001	Nitrobenzene	ND	ug/l	u				
MW-13-4	6/12/2013	Nitrobenzene	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	N-Nitroso-Di-n-Propylamine	ND	ug/l	u				
MW-13-4	6/12/2013	N-Nitroso-Di-n-Propylamine	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/11/2001	N-Nitrosodiphenylamine	ND	ug/l	u				
MW-13-4	6/12/2013	N-Nitrosodiphenylamine	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-19

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	n-Propylbenzene	ND	ug/l	u				
MW-13-4	12/11/2001	o-Xylene	ND	ug/l	u				
MW-13-4	12/11/2001	Pentachlorophenol	ND	ug/l	u				
MW-13-4	6/12/2013	Pentachlorophenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Phenanthrene	ND	ug/l	u				
MW-13-4	6/12/2013	Phenanthrene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Phenanthrene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Phenol	ND	ug/l	u				
MW-13-4	6/12/2013	Phenol	<10.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Phenol	<10	ug/L	u	10			L738573-19
MW-13-4	9/3/2015	Phenol	<10	ug/L	u	10			L787147-20
MW-13-4	6/8/2016	Phenol	<10	ug/L	u	10			L840417-20
MW-13-4	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-20
MW-13-4	12/11/2001	Pyrene	ND	ug/l	u				
MW-13-4	6/12/2013	Pyrene	<0.05	ug/l	u		8270 D-SIM		L641227-05
MW-13-4	6/12/2013	Pyrene	<1.0	ug/l	u		8270 D		L641227-05
MW-13-4	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-20
MW-13-4	12/11/2001	Pyridine	ND	ug/l	u				
MW-13-4	12/11/2001	sec-Butylbenzene	ND	ug/l	u				
MW-13-4	12/11/2001	Selenium	ND	mg/l	u				
MW-13-4	6/12/2013	Selenium	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Silver	ND	mg/l	u				
MW-13-4	6/12/2013	Silver	<0.001	mg/l	uj		6010 B/6020 B		L641227-05
MW-13-4	12/11/2001	Styrene	ND	mg/l	u				
MW-13-4	6/12/2013	Styrene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Styrene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Styrene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Styrene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	tert-Butylbenzene	ND	ug/l	u				
MW-13-4	12/11/2001	Tetrachloroethene	ND	ug/l	u				
MW-13-4	6/12/2013	Tetrachloroethene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Tetrachloroethene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Toluene	ND	ug/l	u				
MW-13-4	6/12/2013	Toluene	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Toluene	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	Toluene	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	Toluene	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/10/2014	Total Chromium	< 0.01	mg/L	u	0.01			L738573-19
MW-13-4	9/3/2015	Total Chromium	< 0.01	mg/L	u	0.01			L787147-20
MW-13-4	6/8/2016	Total Chromium	0.0182	mg/L					L840417-20
MW-13-4	3/8/2017	Total Chromium	<0.010	mg/L	u	0.01			L894955-20
MW-13-4	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-19
MW-13-4	12/10/2014	Total Iron	0.11	mg/L					L738573-19
MW-13-4	9/3/2015	Total Iron	< 0.1	mg/L	u	0.1			L787147-20
MW-13-4	6/8/2016	Total Iron	0.657	mg/L					L840417-20
MW-13-4	3/8/2017	Total Iron	0.202	mg/L					L894955-20
MW-13-4	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-19
MW-13-4	12/10/2014	Total Manganese	0.0068	mg/L					L738573-19
MW-13-4	9/3/2015	Total Manganese	0.0078	mg/L					L787147-20
MW-13-4	6/8/2016	Total Manganese	0.0157	mg/L					L840417-20
MW-13-4	3/8/2017	Total Manganese	0.00872	mg/L					L894955-20
MW-13-4	6/18/2020	Total Manganese	0.0137	mg/L					L1231176-19
MW-13-4	12/11/2001	trans-1,2-Dichloroethene	ND	ug/l	u				
MW-13-4	6/12/2013	trans-1,2-Dichloroethene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	trans-1,3-Dichloropropene	ND	ug/l	u				
MW-13-4	6/12/2013	trans-1,3-Dichloropropene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Trichloroethene	ND	ug/l	u				
MW-13-4	6/12/2013	Trichloroethene	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-20

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-4	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-19
MW-13-4	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-20
MW-13-4	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-20
MW-13-4	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-20
MW-13-4	12/11/2001	Trichlorofluoromethane	ND	ug/l	u				
MW-13-4	6/12/2013	Trichlorofluoromethane	<5.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-19
MW-13-4	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-20
MW-13-4	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-20
MW-13-4	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-20
MW-13-4	12/11/2001	Vinyl acetate	ND	mg/l	u				
MW-13-4	6/12/2013	Vinyl chloride	<1.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/11/2001	Xylenes, Total	ND	ug/l	u				
MW-13-4	6/12/2013	Xylenes, Total	<3.0	ug/l	u		8260 B		L641227-05
MW-13-4	12/10/2014	Xylenes, Total	<3	ug/L	u	3			L738573-19
MW-13-4	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-20
MW-13-4	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-20
MW-13-4	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-20
MW-13-5	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-21
MW-13-5	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-21

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-5	3/8/2017	2,4-Dimethylphenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-21
MW-13-5	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-21
MW-13-5	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-21

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-5	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-21
MW-13-5	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-21
MW-13-5	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Acetone	<50	ug/L	u	50			L738573-20
MW-13-5	9/3/2015	Acetone	<50	ug/L	u	50			L787147-21
MW-13-5	6/8/2016	Acetone	<50	ug/L	u	50			L840417-21
MW-13-5	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-21
MW-13-5	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Benzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Benzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Benzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Benzo[a]anthracene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Benzo[a]anthracene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Benzo[a]anthracene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Benzo[a]pyrene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Benzo[a]pyrene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Benzo[a]pyrene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Benzo[b]fluoranthene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Benzo[b]fluoranthene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Benzo[b]fluoranthene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Benzo[g,h,i]perylene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Benzo[g,h,i]perylene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Benzo[g,h,i]perylene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Benzo[k]fluoranthene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Benzo[k]fluoranthene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Benzo[k]fluoranthene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Benzylbutyl phthalate	<3	ug/L	u	3			L738573-20
MW-13-5	9/3/2015	Benzylbutyl phthalate	<3	ug/L	u	3			L787147-21
MW-13-5	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-21
MW-13-5	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-21
MW-13-5	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-21
MW-13-5	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-20
MW-13-5	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-21
MW-13-5	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-21
MW-13-5	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-21
MW-13-5	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-20

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-5	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-21
MW-13-5	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-21
MW-13-5	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-21
MW-13-5	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-21
MW-13-5	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-20
MW-13-5	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-21
MW-13-5	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-21
MW-13-5	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-21
MW-13-5	12/10/2014	Chrysene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-21
MW-13-5	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-20
MW-13-5	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-21
MW-13-5	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-21
MW-13-5	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-21
MW-13-5	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-20
MW-13-5	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-21
MW-13-5	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-21
MW-13-5	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-21

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-5	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-20
MW-13-5	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-21
MW-13-5	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-21
MW-13-5	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-21
MW-13-5	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-21
MW-13-5	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-21
MW-13-5	12/10/2014	Dissolved Chromium	< 0.01	mg/L	u	0.01			L738573-20
MW-13-5	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-21
MW-13-5	6/8/2016	Dissolved Chromium	<0.010	mg/L	u	0.01			L840417-21
MW-13-5	3/8/2017	Dissolved Chromium	<0.010	mg/L	u	0.01			L894955-21
MW-13-5	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-20
MW-13-5	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-20
MW-13-5	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-21
MW-13-5	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-21
MW-13-5	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-21
MW-13-5	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-20
MW-13-5	12/10/2014	Dissolved Manganese	< 0.005	mg/L	u	0.005			L738573-20
MW-13-5	9/3/2015	Dissolved Manganese	< 0.005	mg/L	u	0.005			L787147-21
MW-13-5	6/8/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-21
MW-13-5	3/8/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-21
MW-13-5	6/18/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-20
MW-13-5	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Hexachlorobenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-20
MW-13-5	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-21
MW-13-5	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-21
MW-13-5	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-21
MW-13-5	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-21
MW-13-5	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-21

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-5	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Phenol	<10	ug/L	u	10			L738573-20
MW-13-5	9/3/2015	Phenol	<10	ug/L	u	10			L787147-21
MW-13-5	6/8/2016	Phenol	<10	ug/L	u	10			L840417-21
MW-13-5	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-21
MW-13-5	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-21
MW-13-5	12/10/2014	Styrene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Styrene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Styrene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Tetrachloroethene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Toluene	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	Toluene	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	Toluene	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Total Chromium	< 0.01	mg/L	u	0.01			L738573-20
MW-13-5	9/3/2015	Total Chromium	< 0.01	mg/L	u	0.01			L787147-21
MW-13-5	6/8/2016	Total Chromium	<0.010	mg/L	u	0.01			L840417-21
MW-13-5	3/8/2017	Total Chromium	<0.010	mg/L	u	0.01			L894955-21
MW-13-5	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-20
MW-13-5	12/10/2014	Total Iron	< 0.1	mg/L	u	0.1			L738573-20
MW-13-5	9/3/2015	Total Iron	1.48	mg/L					L787147-21
MW-13-5	6/8/2016	Total Iron	0.134	mg/L					L840417-21
MW-13-5	3/8/2017	Total Iron	0.113	mg/L					L894955-21
MW-13-5	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-20
MW-13-5	12/10/2014	Total Manganese	< 0.005	mg/L	u	0.005			L738573-20
MW-13-5	9/3/2015	Total Manganese	0.0138	mg/L					L787147-21
MW-13-5	6/8/2016	Total Manganese	<0.005	mg/L	u	0.005			L840417-21
MW-13-5	3/8/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-21
MW-13-5	6/18/2020	Total Manganese	<0.005	mg/L	u	0.005			L1231176-20
MW-13-5	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-20
MW-13-5	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-21
MW-13-5	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-21
MW-13-5	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-21
MW-13-5	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-20
MW-13-5	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-21
MW-13-5	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-21
MW-13-5	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-21
MW-13-5	12/10/2014	Xylenes, Total	<3	ug/L	u	3			L738573-20
MW-13-5	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-21
MW-13-5	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-21
MW-13-5	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-21
MW-13-6	12/10/2014	1,1,1-Trichloroethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,1,2,2-Tetrachloroethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,1,2,2-Tetrachloroethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-22

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-6	12/10/2014	1,1,2-Trichloroethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,1-Dichloroethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-22
MW-13-6	12/10/2014	1,2-Dibromoethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,2-Dichlorobenzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,2-Dichloroethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,2-Dichloropropane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,3-Dichlorobenzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	1,4-Dichlorobenzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2,4 Dimethylphenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2,4,5-Trichlorophenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2,4,6-Trichlorophenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2,4-Dinitrophenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2,4-Dinitrotoluene	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2,6-Dinitrotoluene	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2-Butanone (MEK)	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-22
MW-13-6	12/10/2014	2-Chloronaphthalene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	2-Chlorophenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-22

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-6	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2-Hexanone	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-22
MW-13-6	12/10/2014	2-Methylnaphthalene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	2-Methylphenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2-Nitroaniline	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	2-Nitrophenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	3&4-Methylphenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	3-Nitroaniline	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	4-Chloro-3-methylphenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	4-Chloroaniline	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	4-Methyl-2-pentanone	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-22
MW-13-6	12/10/2014	4-Nitroaniline	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-22
MW-13-6	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	4-Nitrophenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Acenaphthene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Acenaphthylene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Acetone	<50	ug/L	u	50			L738573-21
MW-13-6	9/3/2015	Acetone	<50	ug/L	u	50			L787147-22
MW-13-6	6/8/2016	Acetone	<50	ug/L	u	50			L840417-22
MW-13-6	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-22
MW-13-6	12/10/2014	Acetophene	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Anthracene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Atrazine	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-22

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-6	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Benzaldehyde	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Benzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Benzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Benzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Benzo[a]anthracene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Benzo[a]anthracene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Benzo[a]anthracene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Benzo[a]pyrene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Benzo[a]pyrene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Benzo[a]pyrene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Benzo[b]fluoranthene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Benzo[b]fluoranthene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Benzo[b]fluoranthene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Benzo[g,h,i]perylene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Benzo[g,h,i]perylene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Benzo[g,h,i]perylene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Benzo[k]fluoranthene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Benzo[k]fluoranthene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Benzo[k]fluoranthene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Benzylbutyl phthalate	<3	ug/L	u	3			L738573-21
MW-13-6	9/3/2015	Benzylbutyl phthalate	<3	ug/L	u	3			L787147-22
MW-13-6	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-22
MW-13-6	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-22
MW-13-6	12/10/2014	Biphenyl	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-22
MW-13-6	12/10/2014	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L738573-21
MW-13-6	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-22
MW-13-6	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-22
MW-13-6	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-22
MW-13-6	12/10/2014	Bromochloromethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Bromodichloromethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Bromoform	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Bromomethane	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-22
MW-13-6	12/10/2014	Caprolactam	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Carbazole	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-22
MW-13-6	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Carbon disulfide	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Carbon tetrachloride	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Chlorobenzene	<1	ug/L	u	1			L738573-21

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-6	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Chlorodibromomethane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Chloroethane	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-22
MW-13-6	12/10/2014	Chloroform	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-22
MW-13-6	12/10/2014	Chloromethane	<2.5	ug/L	u	2.5			L738573-21
MW-13-6	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-22
MW-13-6	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-22
MW-13-6	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-22
MW-13-6	12/10/2014	Chrysene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	cis-1,2-Dichloroethene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	cis-1,3-Dichloropropene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Cyclohexane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Dibenz(a,h)anthracene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Dibenzofuran	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Dichlorodifluoromethane	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-22
MW-13-6	12/10/2014	Diethylphthalate	<3	ug/L	u	3			L738573-21
MW-13-6	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-22
MW-13-6	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-22
MW-13-6	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-22
MW-13-6	12/10/2014	Dimethyl phthalate	<3	ug/L	u	3			L738573-21
MW-13-6	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-22
MW-13-6	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-22
MW-13-6	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-22
MW-13-6	12/10/2014	Di-n-butyl phthalate	<3	ug/L	u	3			L738573-21
MW-13-6	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-22
MW-13-6	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-22
MW-13-6	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-22
MW-13-6	12/10/2014	Di-n-octyl phthalate	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-22
MW-13-6	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-22
MW-13-6	12/10/2014	Dissolved Chromium	< 0.01	mg/L	u	0.01			L738573-21
MW-13-6	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-22
MW-13-6	6/8/2016	Dissolved Chromium	<0.010	mg/L	u	0.01			L840417-22
MW-13-6	3/8/2017	Dissolved Chromium	<0.010	mg/L	u	0.01			L894955-22
MW-13-6	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-21
MW-13-6	12/10/2014	Dissolved Iron	< 0.1	mg/L	u	0.1			L738573-21
MW-13-6	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-22
MW-13-6	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-22
MW-13-6	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-22
MW-13-6	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-21
MW-13-6	12/10/2014	Dissolved Manganese	0.53	mg/L					L738573-21
MW-13-6	9/3/2015	Dissolved Manganese	0.521	mg/L					L787147-22
MW-13-6	6/8/2016	Dissolved Manganese	0.389	mg/L					L840417-22
MW-13-6	3/8/2017	Dissolved Manganese	0.484	mg/L					L894955-22
MW-13-6	6/18/2020	Dissolved Manganese	0.131	mg/L					L1231176-21
MW-13-6	12/10/2014	Ethyl benzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Fluoranthene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Fluorene	<1	ug/L	u	1			L738573-21

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-6	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Hexachlorobenzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Hexachlorocyclopentadiene	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Hexachloroethane	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Isophorone	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Isopropylbenzene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Methyl Acetate	<20	ug/L	u	20			L738573-21
MW-13-6	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-22
MW-13-6	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-22
MW-13-6	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-22
MW-13-6	12/10/2014	Methyl Cyclohexane	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Methyl tert-butyl ether	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Methylene chloride	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-22
MW-13-6	12/10/2014	Naphthalene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Nitrobenzene	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	N-Nitrosodiphenylamine	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Pentachlorophenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Phenanthrene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Phenol	<10	ug/L	u	10			L738573-21
MW-13-6	9/3/2015	Phenol	<10	ug/L	u	10			L787147-22
MW-13-6	6/8/2016	Phenol	<10	ug/L	u	10			L840417-22
MW-13-6	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-22
MW-13-6	12/10/2014	Pyrene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-22
MW-13-6	12/10/2014	Styrene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Styrene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Styrene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Tetrachloroethene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-22

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-6	12/10/2014	Toluene	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	Toluene	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	Toluene	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Total Chromium	0.033	mg/L					L738573-21
MW-13-6	9/3/2015	Total Chromium	< 0.01	mg/L	u	0.01			L787147-22
MW-13-6	6/8/2016	Total Chromium	0.0267	mg/L					L840417-22
MW-13-6	3/8/2017	Total Chromium	<0.010	mg/L	u	0.01			L894955-22
MW-13-6	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-21
MW-13-6	12/10/2014	Total Iron	4.1	mg/L					L738573-21
MW-13-6	9/3/2015	Total Iron	0.51	mg/L					L787147-22
MW-13-6	6/8/2016	Total Iron	1.49	mg/L					L840417-22
MW-13-6	3/8/2017	Total Iron	0.108	mg/L					L894955-22
MW-13-6	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-21
MW-13-6	12/10/2014	Total Manganese	0.68	mg/L					L738573-21
MW-13-6	9/3/2015	Total Manganese	0.597	mg/L					L787147-22
MW-13-6	6/8/2016	Total Manganese	0.402	mg/L					L840417-22
MW-13-6	3/8/2017	Total Manganese	0.52	mg/L					L894955-22
MW-13-6	6/18/2020	Total Manganese	0.121	mg/L					L1231176-21
MW-13-6	12/10/2014	trans-1,2-Dichloroethene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	trans-1,3-Dichloropropene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Trichloroethene	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Trichlorofluoromethane	<5	ug/L	u	5			L738573-21
MW-13-6	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-22
MW-13-6	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-22
MW-13-6	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-22
MW-13-6	12/10/2014	Vinyl chloride	<1	ug/L	u	1			L738573-21
MW-13-6	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-22
MW-13-6	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-22
MW-13-6	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-22
MW-13-6	12/10/2014	Xylenes, Total	<3	ug/L	u	3			L738573-21
MW-13-6	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-22
MW-13-6	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-22
MW-13-6	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-22
MW-13-7	9/3/2015	1,1,1-Trichloroethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,1,1-Trichloroethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,1,1-Trichloroethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,1,2,2,-Tetrachloroethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,1,2,2,-Tetrachloroethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,1,2,2,-Tetrachloroethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,1,2-Trichloro-1,2,2-trifluoro	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,1,2-Trichloro-1,2,2-trifluoro	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,1,2-Trichloroethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,1,2-Trichloroethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,1,2-Trichloroethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,1-Dichloroethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,1-Dichloroethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,1-Dichloroethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,2,3-Trichlorobenzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,2,3-Trichlorobenzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	1,2,4,5-Tetrachlorobenzene	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	1,2,4,5-Tetrachlorobenzene	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,2,4-Trichlorobenzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,2,4-Trichlorobenzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L787147-23
MW-13-7	6/8/2016	1,2-Dibromo-3-Chloropropane	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	1,2-Dibromo-3-Chloropropane	<5.0	ug/L	u	5			L894955-23
MW-13-7	9/3/2015	1,2-Dibromoethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,2-Dibromoethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,2-Dibromoethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,2-Dichlorobenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,2-Dichlorobenzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,2-Dichlorobenzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,2-Dichloroethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,2-Dichloroethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,2-Dichloroethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,2-Dichloropropane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,2-Dichloropropane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,2-Dichloropropane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,3-Dichlorobenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,3-Dichlorobenzene	<1	ug/L	u	1			L840417-23

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-7	3/8/2017	1,3-Dichlorobenzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	1,4-Dichlorobenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	1,4-Dichlorobenzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	1,4-Dichlorobenzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	6/8/2016	2,4 Dichlorophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2,4 Dichlorophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	6/8/2016	2,4 Dimethylphenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2,4 Dimethylphenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2,4,5-Trichlorophenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2,4,5-Trichlorophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2,4,5-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2,4,6-Trichlorophenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2,4,6-Trichlorophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2,4,6-Trichlorophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2,4-Dinitrophenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2,4-Dinitrophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2,4-Dinitrophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2,4-Dinitrotoluene	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2,4-Dinitrotoluene	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2,4-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2,6-Dinitrotoluene	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2,6-Dinitrotoluene	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2,6-Dinitrotoluene	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2-Butanone (MEK)	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2-Butanone (MEK)	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2-Butanone (MEK)	<10.0	ug/L	u	10			L894955-23
MW-13-7	9/3/2015	2-Chloronaphthalene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	2-Chloronaphthalene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	2-Chloronaphthalene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	2-Chlorophenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2-Chlorophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2-Chlorophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2-Hexanone	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2-Hexanone	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2-Hexanone	<10.0	ug/L	u	10			L894955-23
MW-13-7	9/3/2015	2-Methylnaphthalene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	2-Methylnaphthalene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	2-Methylnaphthalene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	2-Methylphenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2-Methylphenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2-Methylphenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2-Nitroaniline	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2-Nitroaniline	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2-Nitroaniline	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	2-Nitrophenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	2-Nitrophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	2-Nitrophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	3&4-Methylphenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	3&4-Methylphenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	3&4-Methylphenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	3,3'-Dichlorobenzidine	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	3,3'-Dichlorobenzidine	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	3-Nitroaniline	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	3-Nitroaniline	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	3-Nitroaniline	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4,6-Dinitro-2-methylphenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	4,6-Dinitro-2-methylphenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4-Bromophenyl-phenyl ether	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	4-Bromophenyl-phenyl ether	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	4-Chloro-3-methylphenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4-Chloro-3-methylphenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	4-Chloro-3-methylphenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	4-Chloroaniline	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4-Chloroaniline	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	4-Chloroaniline	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4-Chlorophenylphenyl ether	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	4-Chlorophenylphenyl ether	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	4-Methyl-2-pentanone	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4-Methyl-2-pentanone	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	4-Methyl-2-pentanone	<10.0	ug/L	u	10			L894955-23
MW-13-7	9/3/2015	4-Nitroaniline	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4-Nitroaniline	<50	ug/L	u	50			L840417-23
MW-13-7	3/8/2017	4-Nitroaniline	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	4-Nitrophenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	4-Nitrophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	4-Nitrophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Acenaphthene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Acenaphthene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Acenaphthene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Acenaphthylene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Acenaphthylene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Acenaphthylene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Acetone	<50	ug/L	u	50			L787147-23

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-7	6/8/2016	Acetone	<50	ug/L	u	50			L840417-23
MW-13-7	3/8/2017	Acetone	<50.0	ug/L	u	50			L894955-23
MW-13-7	9/3/2015	Acetophene	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Acetophene	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Acetophenone	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Anthracene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Anthracene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Anthracene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Atrazine	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Atrazine	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Atrazine	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Benzaldehyde	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Benzaldehyde	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Benzaldehyde	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Benzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Benzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Benzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Benzo[a]anthracene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Benzo[a]anthracene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Benzo[a]anthracene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Benzo[a]pyrene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Benzo[a]pyrene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Benzo[a]pyrene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Benzo[b]fluoranthene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Benzo[b]fluoranthene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Benzo[b]fluoranthene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Benzo[g,h,i]perylene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Benzo[g,h,i]perylene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Benzo[g,h,i]perylene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Benzo[k]fluoranthene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Benzo[k]fluoranthene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Benzo[k]fluoranthene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Benzylbutyl phthalate	<3	ug/L	u	3			L787147-23
MW-13-7	6/8/2016	Benzylbutyl phthalate	<3	ug/L	u	3			L840417-23
MW-13-7	3/8/2017	Benzylbutyl phthalate	<2.73	ug/L	u	2.73			L894955-23
MW-13-7	9/3/2015	Biphenyl	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Biphenyl	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Biphenyl	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	bis (2-chloroisopropyl) ether	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	bis (2-chloroisopropyl) ether	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Bis(2-chloroethoxy)methane	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Bis(2-chloroethoxy)methane	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	bis-(2-Chloroethyl) Ether	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	bis-(2-Chloroethyl) Ether	<45.5	ug/L	u	45.5			L894955-23
MW-13-7	9/3/2015	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L787147-23
MW-13-7	6/8/2016	bis(2-Ethylhexyl)phthalate	<3	ug/L	u	3			L840417-23
MW-13-7	3/8/2017	bis(2-Ethylhexyl)phthalate	<2.73	ug/L	u	2.73			L894955-23
MW-13-7	9/3/2015	Bromochloromethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Bromochloromethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Bromochloromethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Bromodichloromethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Bromodichloromethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Bromodichloromethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Bromoform	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Bromoform	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Bromoform	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Bromomethane	<5	ug/L	u	5			L787147-23
MW-13-7	6/8/2016	Bromomethane	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	Bromomethane	<5.0	ug/L	u	5			L894955-23
MW-13-7	9/3/2015	Caprolactam	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Caprolactam	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Caprolactam	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Carbazole	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Carbazole	<50	ug/L	u	50			L840417-23
MW-13-7	3/8/2017	Carbazole	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Carbon disulfide	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Carbon disulfide	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Carbon disulfide	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Carbon tetrachloride	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Carbon tetrachloride	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Carbon tetrachloride	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Chlorobenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Chlorobenzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Chlorobenzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Chlorodibromomethane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Chlorodibromomethane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Chlorodibromomethane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Chloroethane	<5	ug/L	u	5			L787147-23
MW-13-7	6/8/2016	Chloroethane	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	Chloroethane	<5.0	ug/L	u	5			L894955-23
MW-13-7	9/3/2015	Chloroform	<5	ug/L	u	5			L787147-23
MW-13-7	6/8/2016	Chloroform	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	Chloroform	<5.0	ug/L	u	5			L894955-23
MW-13-7	9/3/2015	Chloromethane	<2.5	ug/L	u	2.5			L787147-23

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-7	6/8/2016	Chloromethane	<2.5	ug/L	u	2.5			L840417-23
MW-13-7	3/8/2017	Chloromethane	<2.5	ug/L	u	2.5			L894955-23
MW-13-7	9/3/2015	Chrysene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Chrysene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Chrysene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	cis-1,2-Dichloroethene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	cis-1,2-Dichloroethene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	cis-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	cis-1,3-Dichloropropene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	cis-1,3-Dichloropropene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	cis-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Cyclohexane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Cyclohexane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Cyclohexane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Dibenz(a,h)anthracene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Dibenz(a,h)anthracene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Dibenz(a,h)anthracene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Dibenzofuran	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Dibenzofuran	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Dibenzofuran	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Dichlorodifluoromethane	<5	ug/L	u	5			L787147-23
MW-13-7	6/8/2016	Dichlorodifluoromethane	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	Dichlorodifluoromethane	<5.0	ug/L	u	5			L894955-23
MW-13-7	9/3/2015	Diethylphthalate	<3	ug/L	u	3			L787147-23
MW-13-7	6/8/2016	Diethylphthalate	<3	ug/L	u	3			L840417-23
MW-13-7	3/8/2017	Diethylphthalate	<2.73	ug/L	u	2.73			L894955-23
MW-13-7	9/3/2015	Dimethyl phthalate	<3	ug/L	u	3			L787147-23
MW-13-7	6/8/2016	Dimethyl phthalate	<3	ug/L	u	3			L840417-23
MW-13-7	3/8/2017	Dimethyl phthalate	<2.73	ug/L	u	2.73			L894955-23
MW-13-7	9/3/2015	Di-n-butyl phthalate	<3	ug/L	u	3			L787147-23
MW-13-7	6/8/2016	Di-n-butyl phthalate	<3	ug/L	u	3			L840417-23
MW-13-7	3/8/2017	Di-n-butyl phthalate	<2.73	ug/L	u	2.73			L894955-23
MW-13-7	9/3/2015	Di-n-octyl phthalate	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Di-n-octyl phthalate	<3	ug/L	u	3			L840417-23
MW-13-7	3/8/2017	Di-n-octyl phthalate	<2.73	ug/L	u	2.73			L894955-23
MW-13-7	9/3/2015	Dissolved Chromium	< 0.01	mg/L	u	0.01			L787147-23
MW-13-7	6/8/2016	Dissolved Chromium	<0.010	mg/L	u	0.01			L840417-23
MW-13-7	3/8/2017	Dissolved Chromium	<0.010	mg/L	u	0.01			L894955-23
MW-13-7	6/18/2020	Dissolved Chromium	<0.010	mg/L	u	0.01			L1231176-22
MW-13-7	9/3/2015	Dissolved Iron	< 0.1	mg/L	u	0.1			L787147-23
MW-13-7	6/8/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-23
MW-13-7	3/8/2017	Dissolved Iron	<0.100	mg/L	u	0.1			L894955-23
MW-13-7	6/18/2020	Dissolved Iron	<0.100	mg/L	u	0.1			L1231176-22
MW-13-7	9/3/2015	Dissolved Manganese	< 0.005	mg/L	u	0.005			L787147-23
MW-13-7	6/8/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-23
MW-13-7	3/8/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-23
MW-13-7	6/18/2020	Dissolved Manganese	<0.005	mg/L	u	0.005			L1231176-22
MW-13-7	9/3/2015	Ethyl benzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Ethyl benzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Ethyl benzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Fluoranthene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Fluoranthene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Fluoranthene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Fluorene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Fluorene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Fluorene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Hexachloro-1,3-butadiene	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Hexachloro-1,3-butadiene	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Hexachlorobenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Hexachlorobenzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Hexachlorobenzene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Hexachlorocyclopentadiene	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Hexachlorocyclopentadiene	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Hexachlorocyclopentadiene	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Hexachloroethane	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Hexachloroethane	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Hexachloroethane	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Indeno(1,2,3-cd)Pyrene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Indeno(1,2,3-cd)Pyrene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Isophorone	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Isophorone	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Isophorone	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Isopropylbenzene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Isopropylbenzene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Isopropylbenzene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Methyl Acetate	<20	ug/L	u	20			L787147-23
MW-13-7	6/8/2016	Methyl Acetate	<20	ug/L	u	20			L840417-23
MW-13-7	3/8/2017	Methyl Acetate	<20.0	ug/L	u	20			L894955-23
MW-13-7	9/3/2015	Methyl Cyclohexane	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Methyl Cyclohexane	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Methyl Cyclohexane	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Methyl tert-butyl ether	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Methyl tert-butyl ether	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Methyl tert-butyl ether	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Methylene chloride	<5	ug/L	u	5			L787147-23

Table D-1
Summary of Water Quality Data, Station 150, Mooresville, NC

Well ID	Sample Date	Parameter	Value	Reporting Units	Flag Code	Detection Limit	Analytic Method	Lab	Lab Sample ID
MW-13-7	6/8/2016	Methylene chloride	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	Methylene chloride	<5.0	ug/L	u	5			L894955-23
MW-13-7	9/3/2015	Naphthalene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Naphthalene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Naphthalene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Nitrobenzene	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Nitrobenzene	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Nitrobenzene	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	N-Nitrosodi-n-propylamine	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	N-Nitrosodi-n-propylamine	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	N-Nitrosodiphenylamine	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	N-Nitrosodiphenylamine	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	N-Nitrosodiphenylamine	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Pentachlorophenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Pentachlorophenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Pentachlorophenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Phenanthrene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Phenanthrene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Phenanthrene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Phenol	<10	ug/L	u	10			L787147-23
MW-13-7	6/8/2016	Phenol	<10	ug/L	u	10			L840417-23
MW-13-7	3/8/2017	Phenol	<9.1	ug/L	u	9.1			L894955-23
MW-13-7	9/3/2015	Pyrene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Pyrene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Pyrene	<0.91	ug/L	u	0.91			L894955-23
MW-13-7	9/3/2015	Styrene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Styrene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Styrene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Tetrachloroethene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Tetrachloroethene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Tetrachloroethene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Toluene	<5	ug/L	u	5			L787147-23
MW-13-7	6/8/2016	Toluene	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	Toluene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Total Chromium	< 0.01	mg/L	u	0.01			L787147-23
MW-13-7	6/8/2016	Total Chromium	<0.010	mg/L	u	0.01			L840417-23
MW-13-7	3/8/2017	Total Chromium	<0.010	mg/L	u	0.01			L894955-23
MW-13-7	6/18/2020	Total Chromium	<0.010	mg/L	u	0.01			L1231176-22
MW-13-7	9/3/2015	Total Iron	0.195	mg/L					L787147-23
MW-13-7	6/8/2016	Total Iron	0.178	mg/L					L840417-23
MW-13-7	3/8/2017	Total Iron	<0.100	mg/L	u	0.1			L894955-23
MW-13-7	6/18/2020	Total Iron	<0.100	mg/L	u	0.1			L1231176-22
MW-13-7	9/3/2015	Total Manganese	< 0.005	mg/L	u	0.005			L787147-23
MW-13-7	6/8/2016	Total Manganese	<0.005	mg/L	u	0.005			L840417-23
MW-13-7	3/8/2017	Total Manganese	<0.005	mg/L	u	0.005			L894955-23
MW-13-7	6/18/2020	Total Manganese	0.00568	mg/L					L1231176-22
MW-13-7	9/3/2015	trans-1,2-Dichloroethene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	trans-1,2-Dichloroethene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	trans-1,2-Dichloroethene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	trans-1,3-Dichloropropene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	trans-1,3-Dichloropropene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	trans-1,3-Dichloropropene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Trichloroethene	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Trichloroethene	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Trichloroethene	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Trichlorofluoromethane	<5	ug/L	u	5			L787147-23
MW-13-7	6/8/2016	Trichlorofluoromethane	<5	ug/L	u	5			L840417-23
MW-13-7	3/8/2017	Trichlorofluoromethane	<5.0	ug/L	u	5			L894955-23
MW-13-7	9/3/2015	Vinyl chloride	<1	ug/L	u	1			L787147-23
MW-13-7	6/8/2016	Vinyl chloride	<1	ug/L	u	1			L840417-23
MW-13-7	3/8/2017	Vinyl chloride	<1.0	ug/L	u	1			L894955-23
MW-13-7	9/3/2015	Xylenes, Total	<3	ug/L	u	3			L787147-23
MW-13-7	6/8/2016	Xylenes, Total	<3	ug/L	u	3			L840417-23
MW-13-7	3/8/2017	Xylenes, Total	<3.0	ug/L	u	3			L894955-23
MW-14	9/2/2015	Dissolved Iron	<0.1	mg/L	u	0.1			L787147-12
MW-14	6/7/2016	Dissolved Iron	<0.1	mg/L	u	0.1			L840417-12
MW-14	3/7/2017	Dissolved Iron	<0.1	mg/L	u	0.1			L894955-12
MW-14	6/17/2020	Dissolved Iron	3.06	mg/L					L1231176-11
MW-14	9/2/2015	Dissolved Manganese	<0.005	mg/L	u	0.005			L787147-12
MW-14	6/7/2016	Dissolved Manganese	<0.005	mg/L	u	0.005			L840417-12
MW-14	3/7/2017	Dissolved Manganese	<0.005	mg/L	u	0.005			L894955-12
MW-14	6/17/2020	Dissolved Manganese	0.112	mg/L					L1231176-11
MW-14	9/2/2015	Total Iron	9.82	mg/L					L787147-12
MW-14	6/7/2016	Total Iron	0.269	mg/L					L840417-12
MW-14	3/7/2017	Total Iron	0.309	mg/L					L894955-12
MW-14	6/17/2020	Total Iron	2.46	mg/L					L1231176-11
MW-14	9/2/2015	Total Manganese	0.369	mg/L					L787147-12
MW-14	6/7/2016	Total Manganese	0.013	mg/L					L840417-12
MW-14	3/7/2017	Total Manganese	0.0114	mg/L					L894955-12
MW-14	6/17/2020	Total Manganese	0.217	mg/L					L1231176-11

Appendix E

Time-Series Plots of Iron and Manganese (Total and Dissolved)

List of Figures

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- Figure E-2 Iron and Manganese Concentration Plots for Monitoring Well 2
- Figure E-3 Iron and Manganese Concentration Plots for Monitoring Well 3
- Figure E-4 Iron and Manganese Concentration Plots for Monitoring Well 4
- Figure E-5 Iron and Manganese Concentration Plots for Monitoring Well 4D
- Figure E-6 Iron and Manganese Concentration Plots for Monitoring Well 5
- Figure E-7 Iron and Manganese Concentration Plots for Monitoring Well 6
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- Figure E-12 Iron and Manganese Concentration Plots for Monitoring Well 10
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- Figure E-21 Iron and Manganese Concentration Plots for Monitoring Well 13-4
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- Figure E-25 Iron and Manganese Concentration Plots for Monitoring Well 14

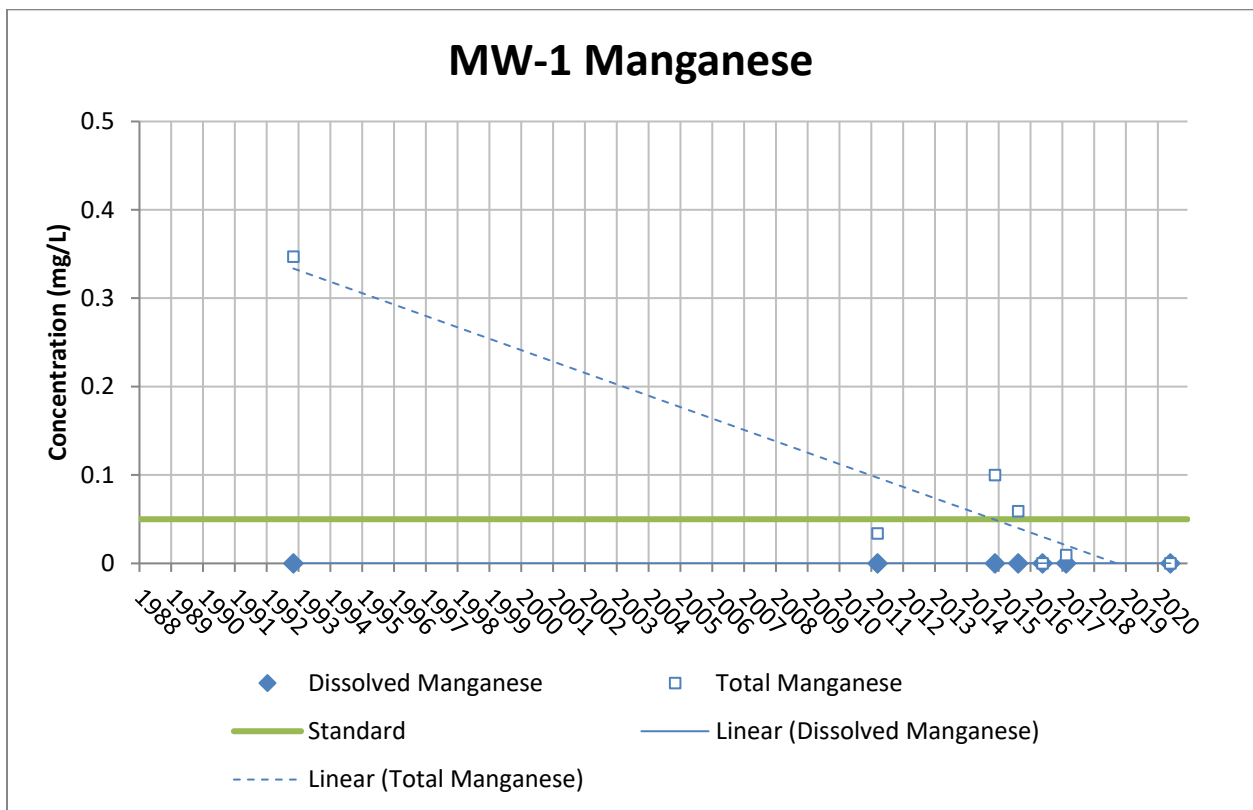
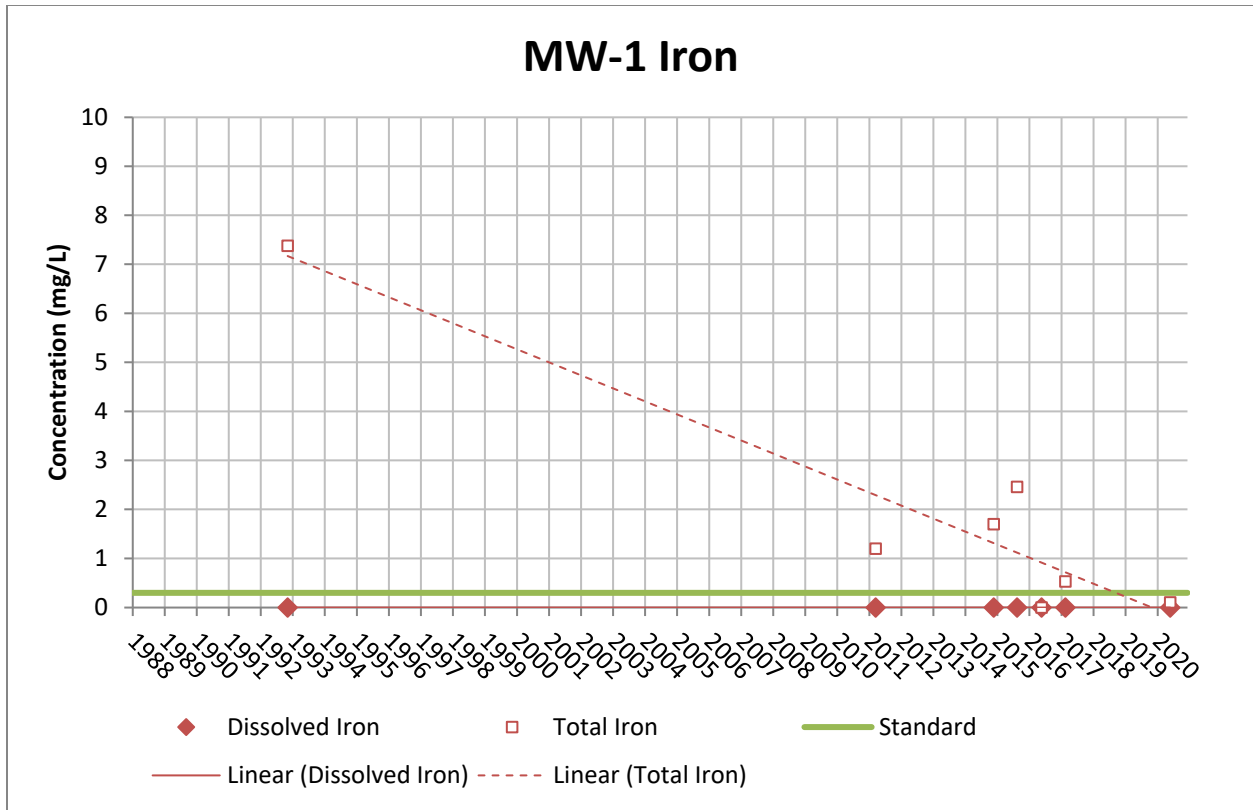


Figure D-1 Iron and Manganese Concentration Plots for Monitoring Well 1

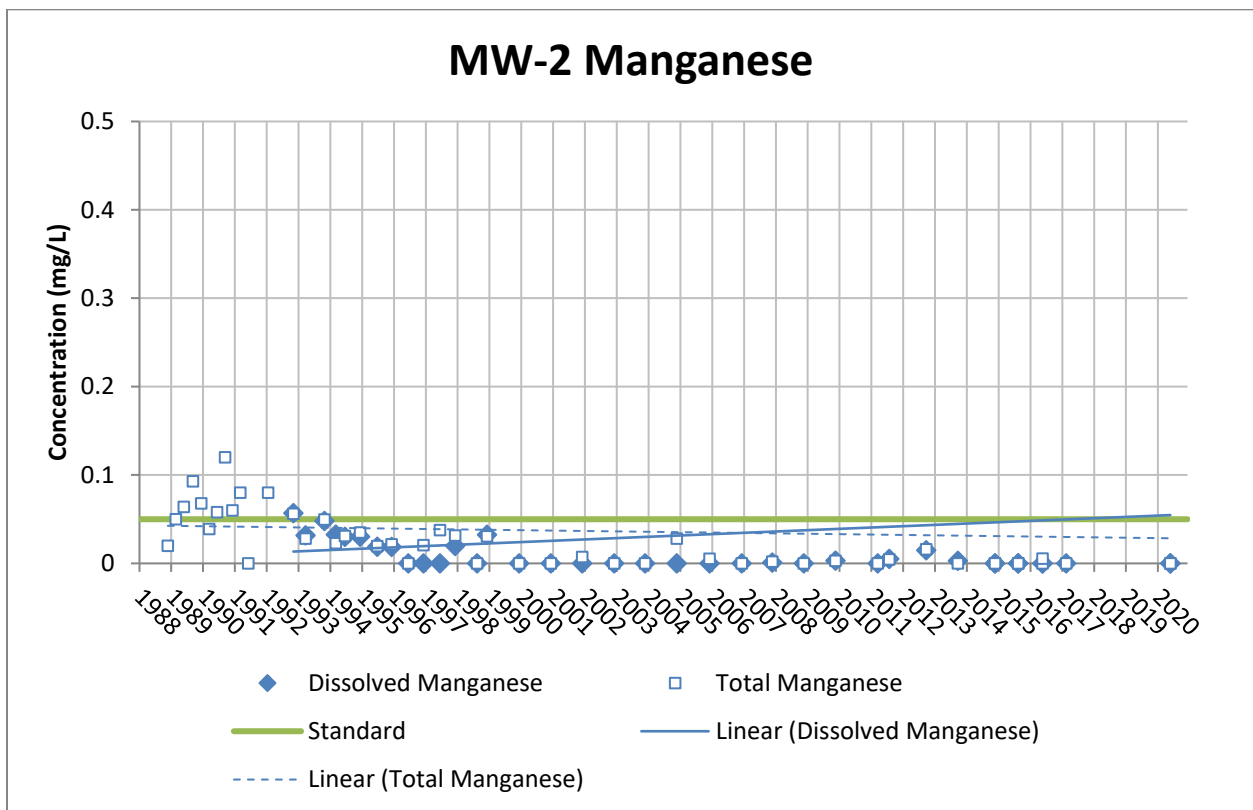
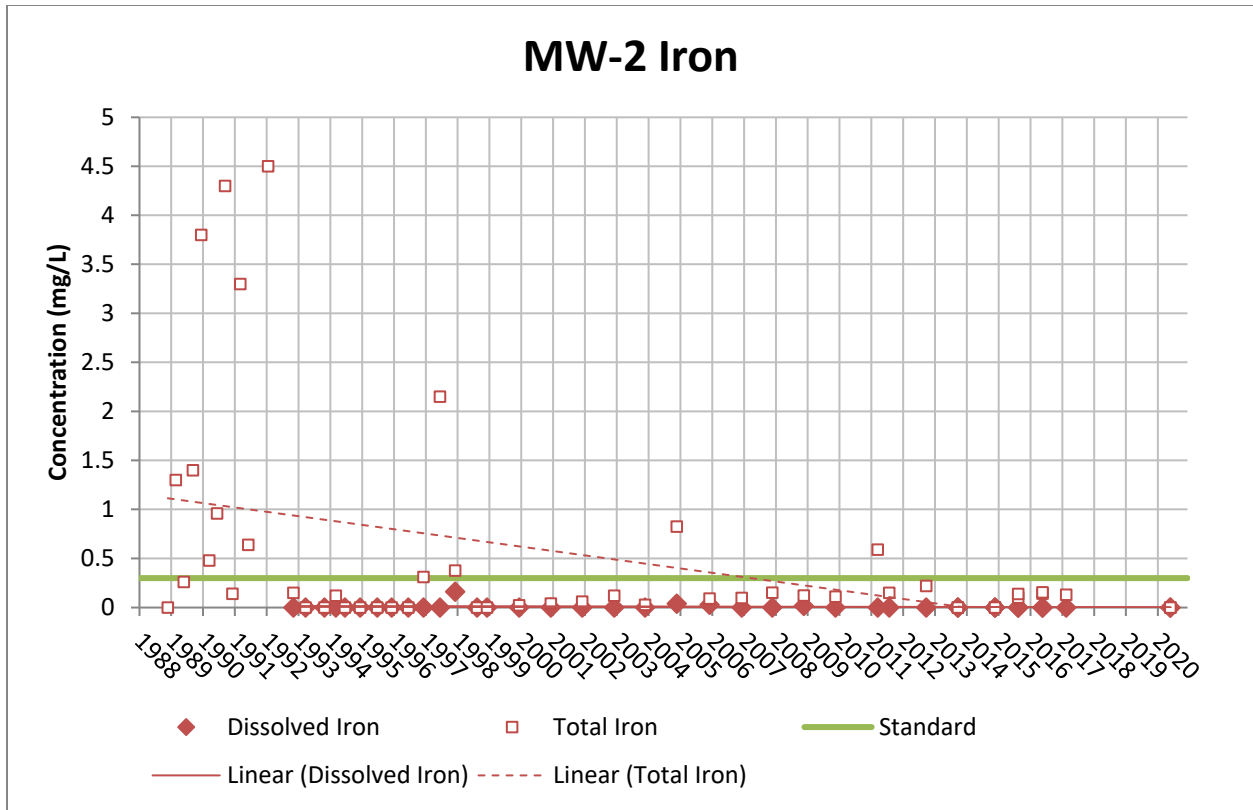


Figure E-2 Iron and Manganese Concentration Plots for Monitoring Well 2

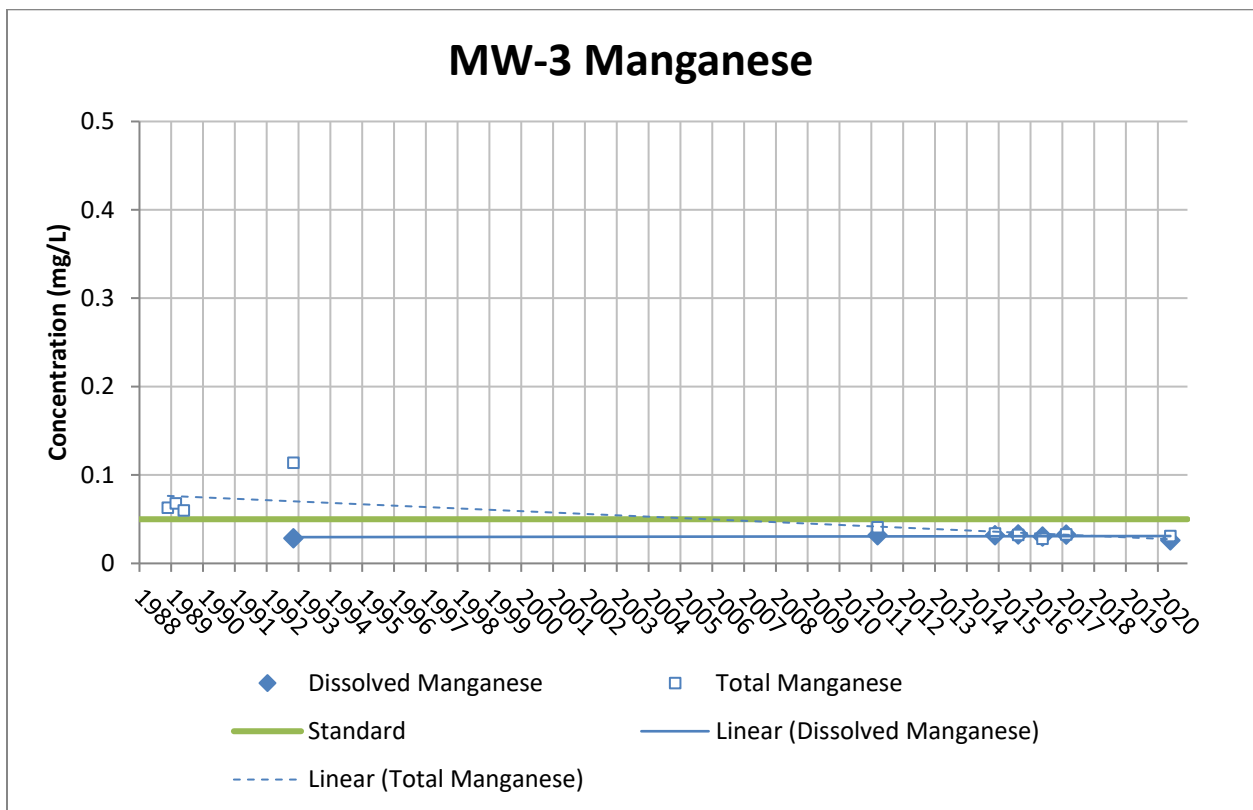
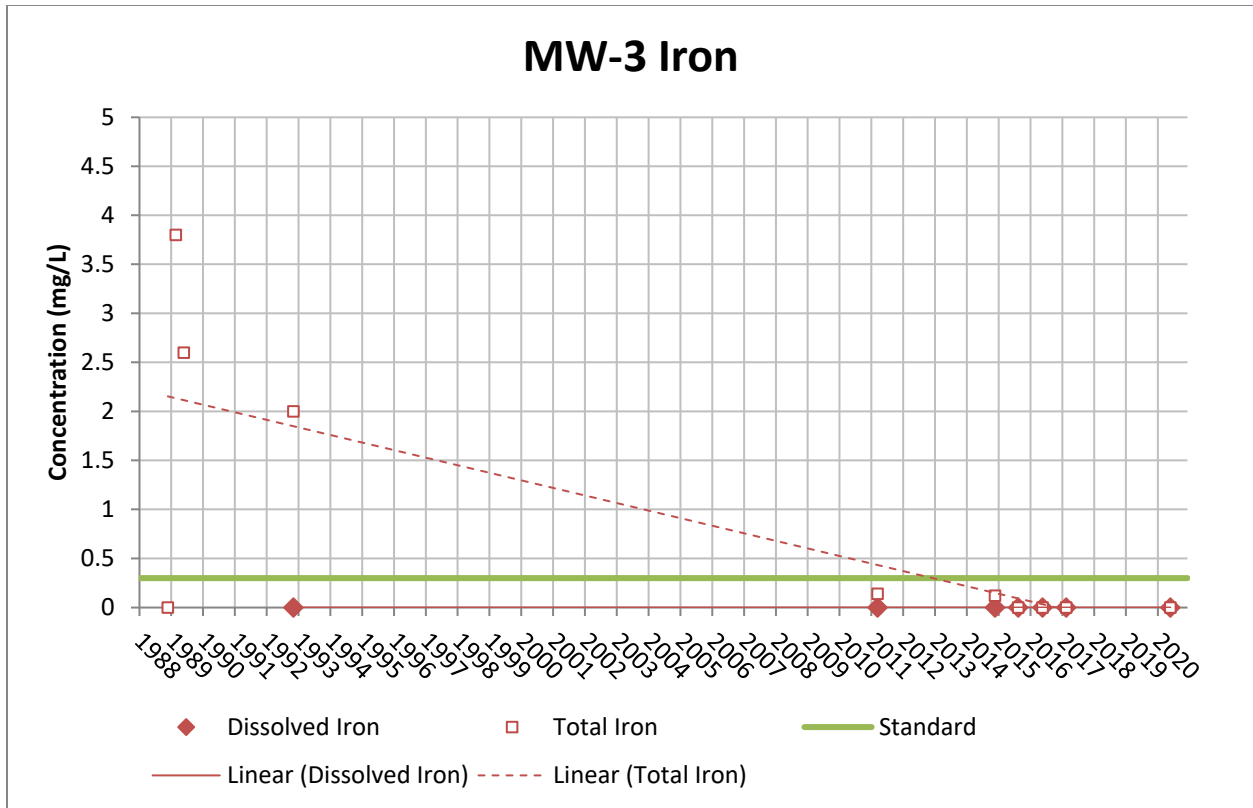


Figure E-3 Iron and Manganese Concentration Plots for Monitoring Well 3

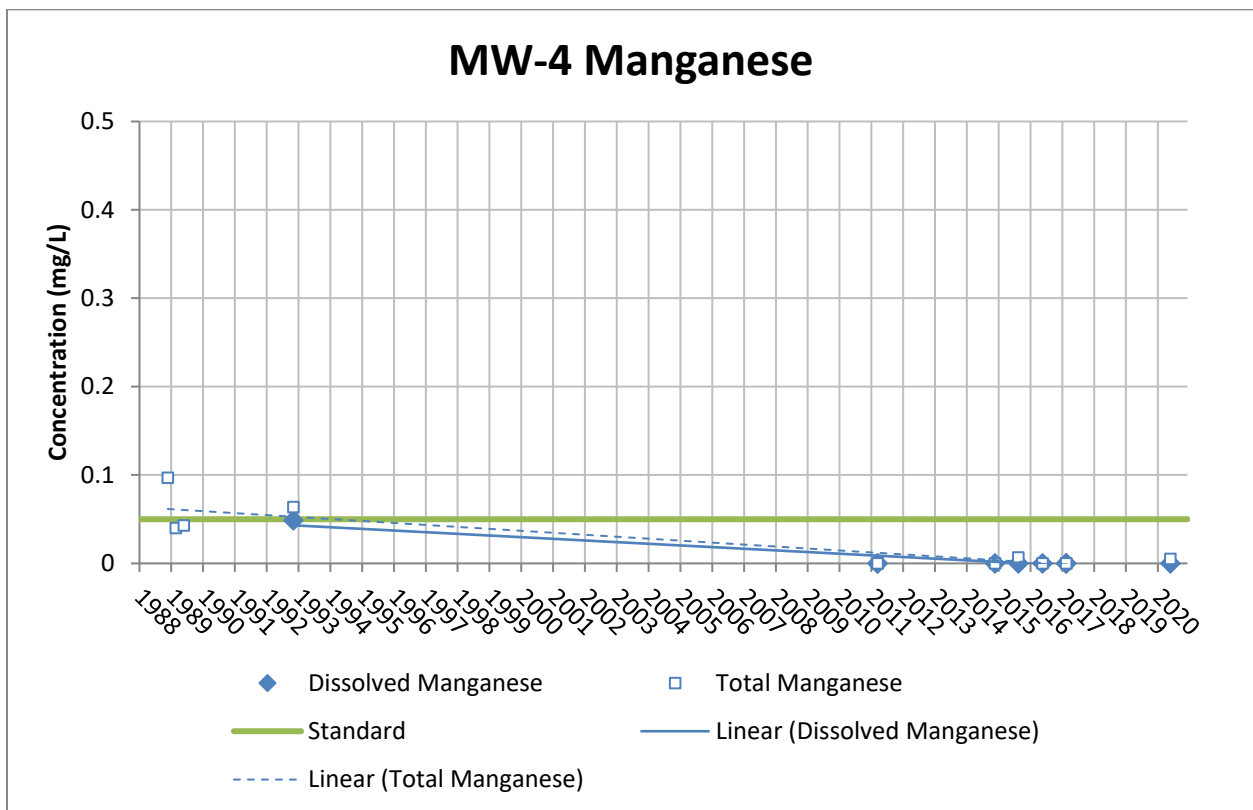
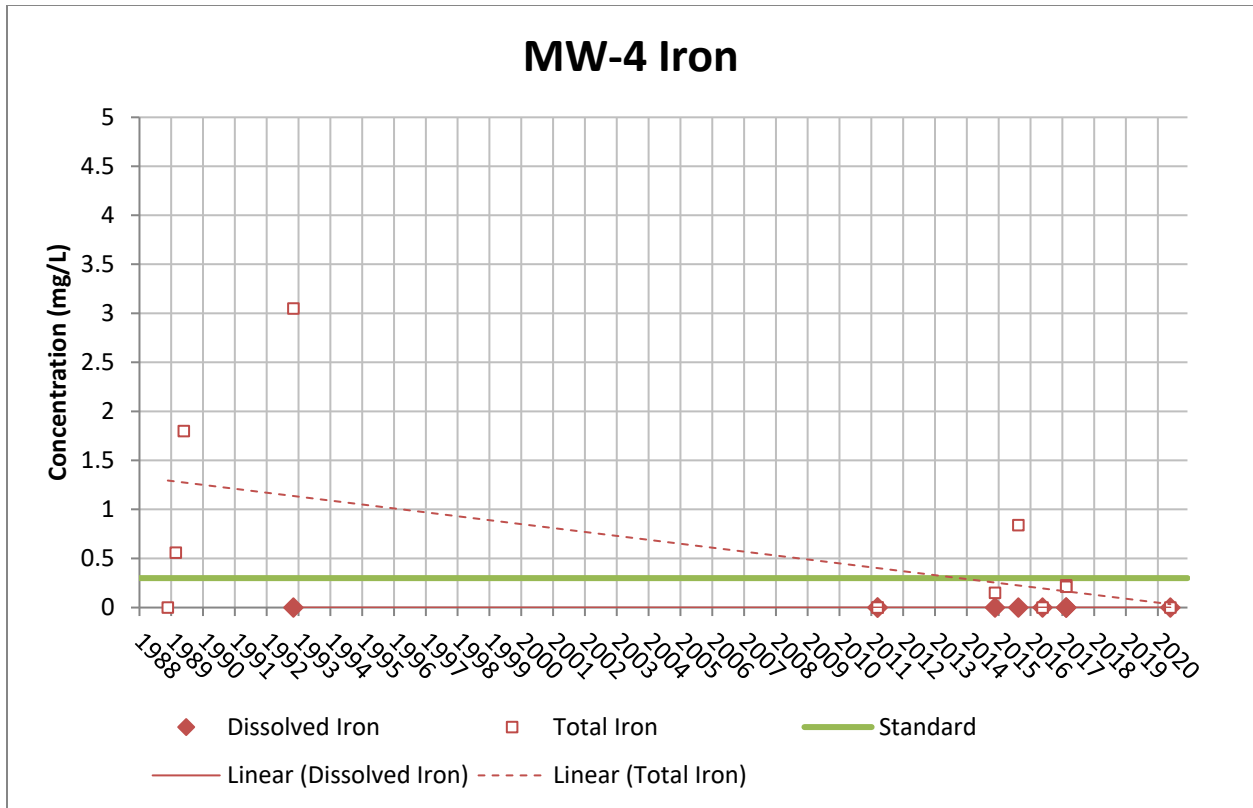


Figure E-4 Iron and Manganese Concentration Plots for Monitoring Well 4

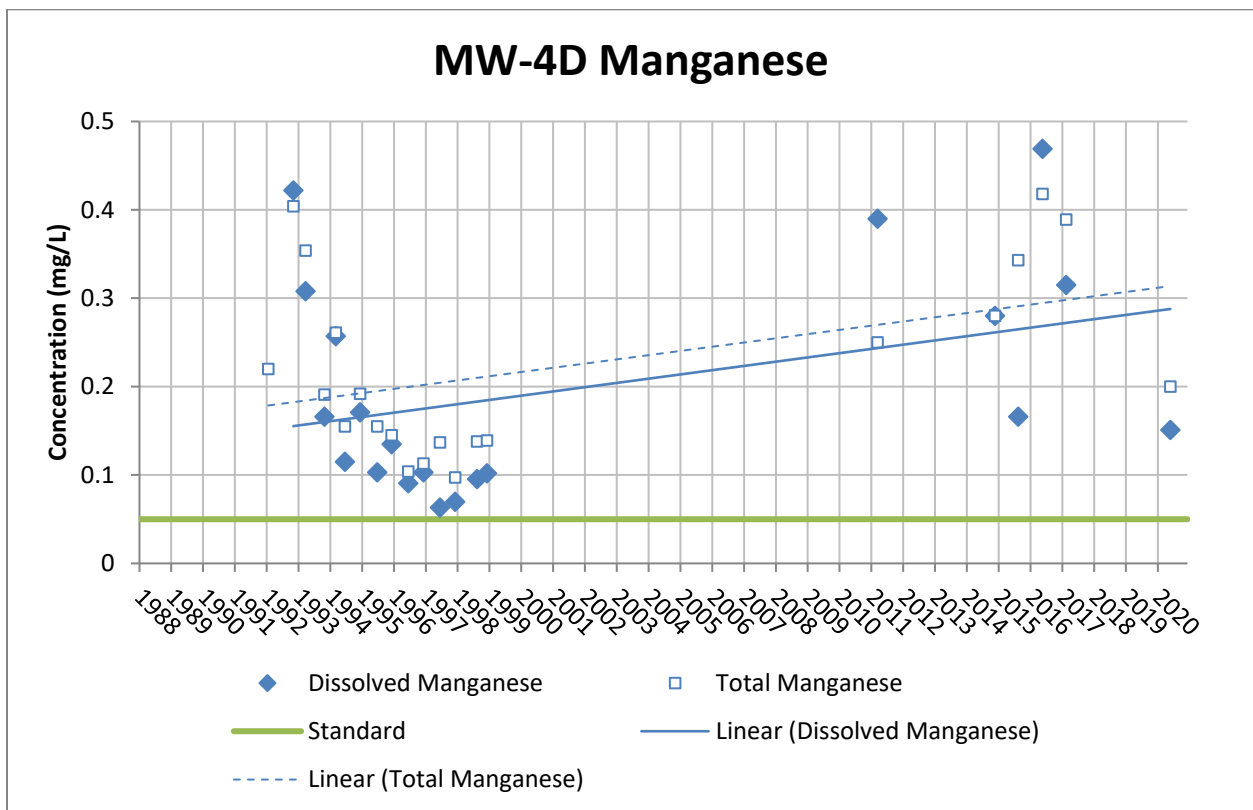
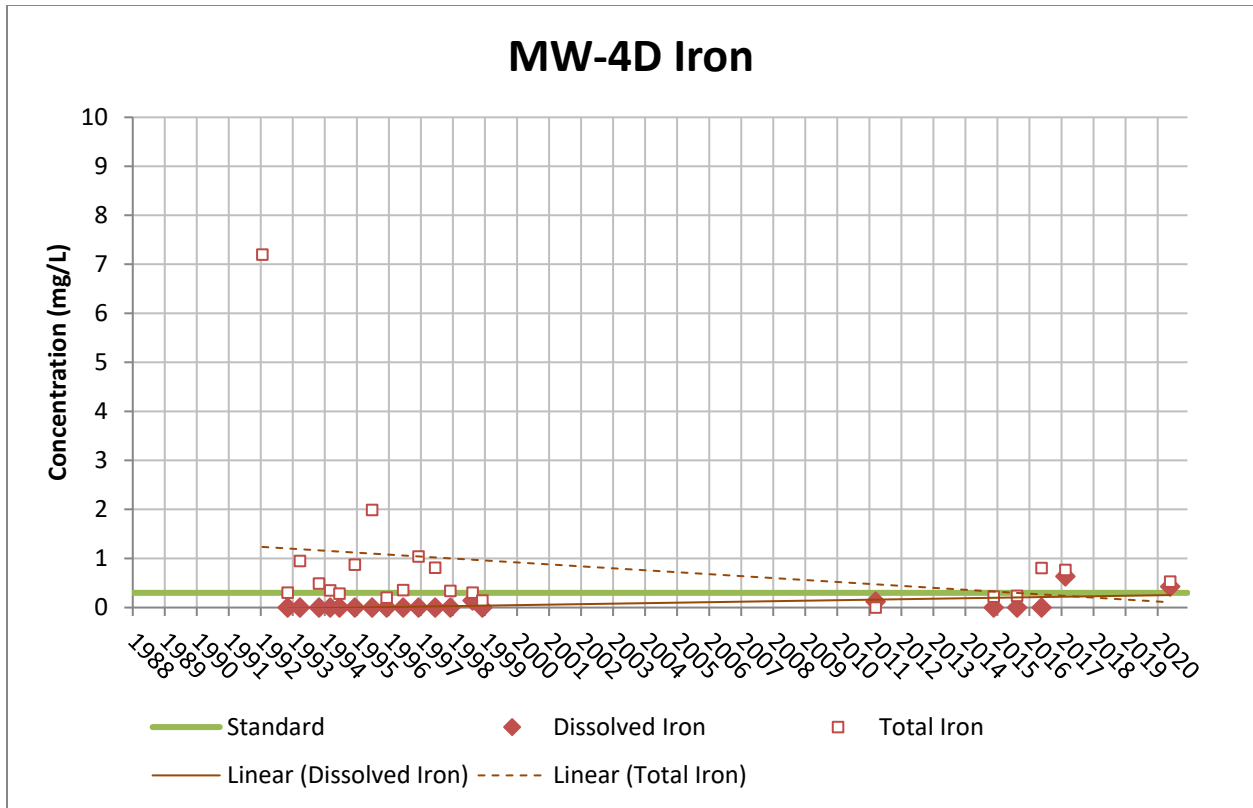


Figure E-5 Iron and Manganese Concentration Plots for Monitoring Well 4D

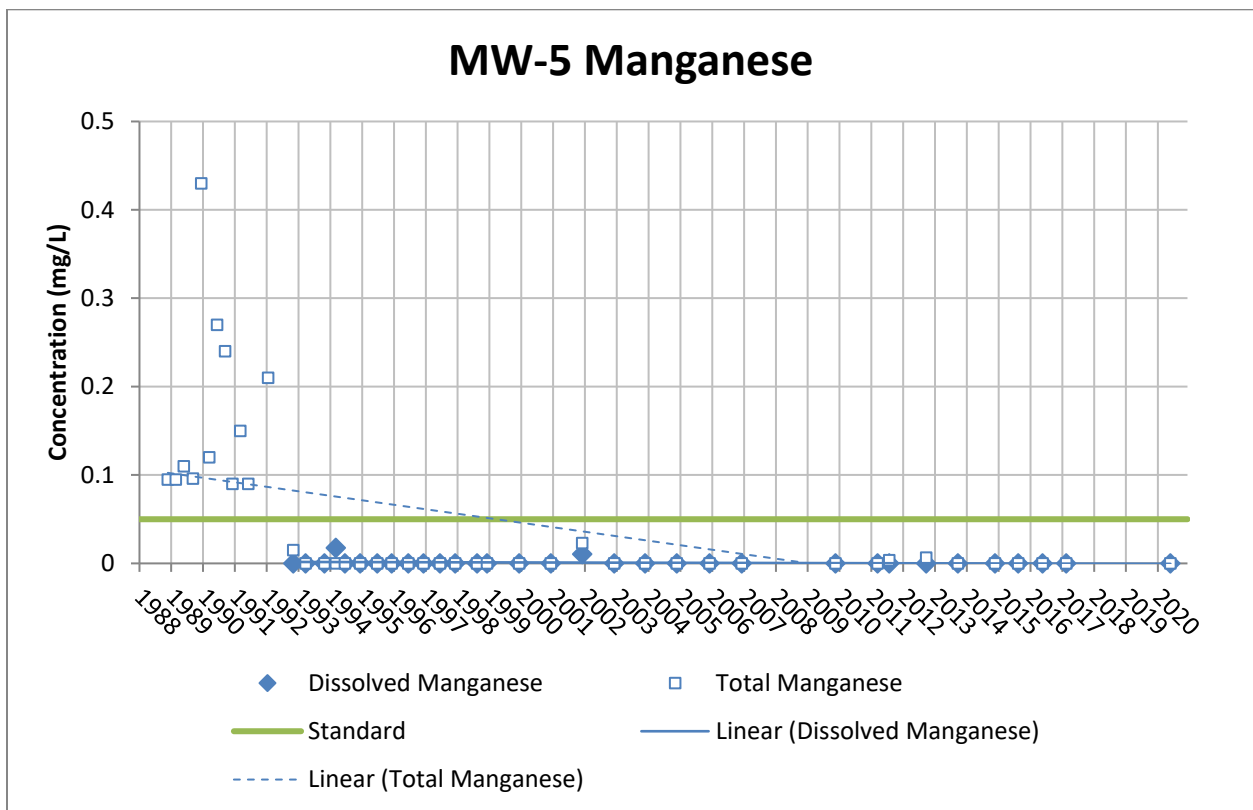
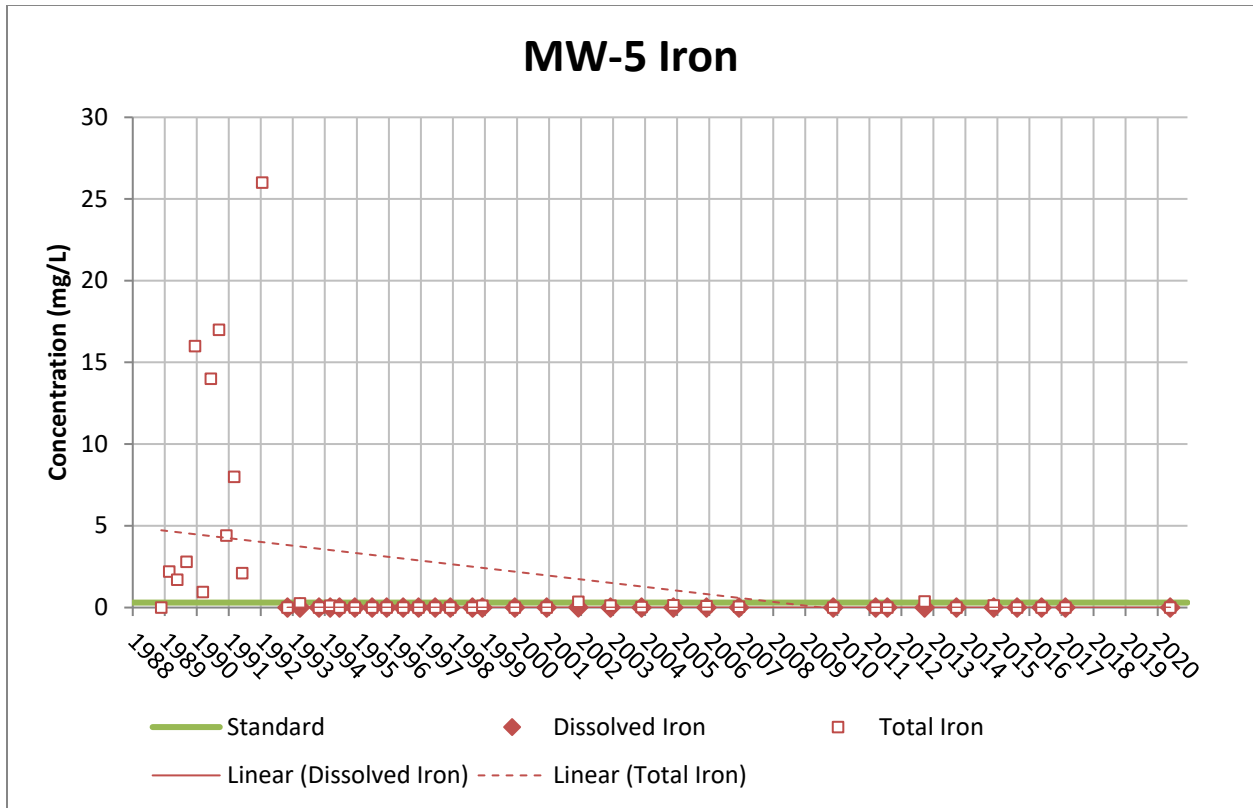


Figure E-6 Iron and Manganese Concentration Plots for Monitoring Well 5

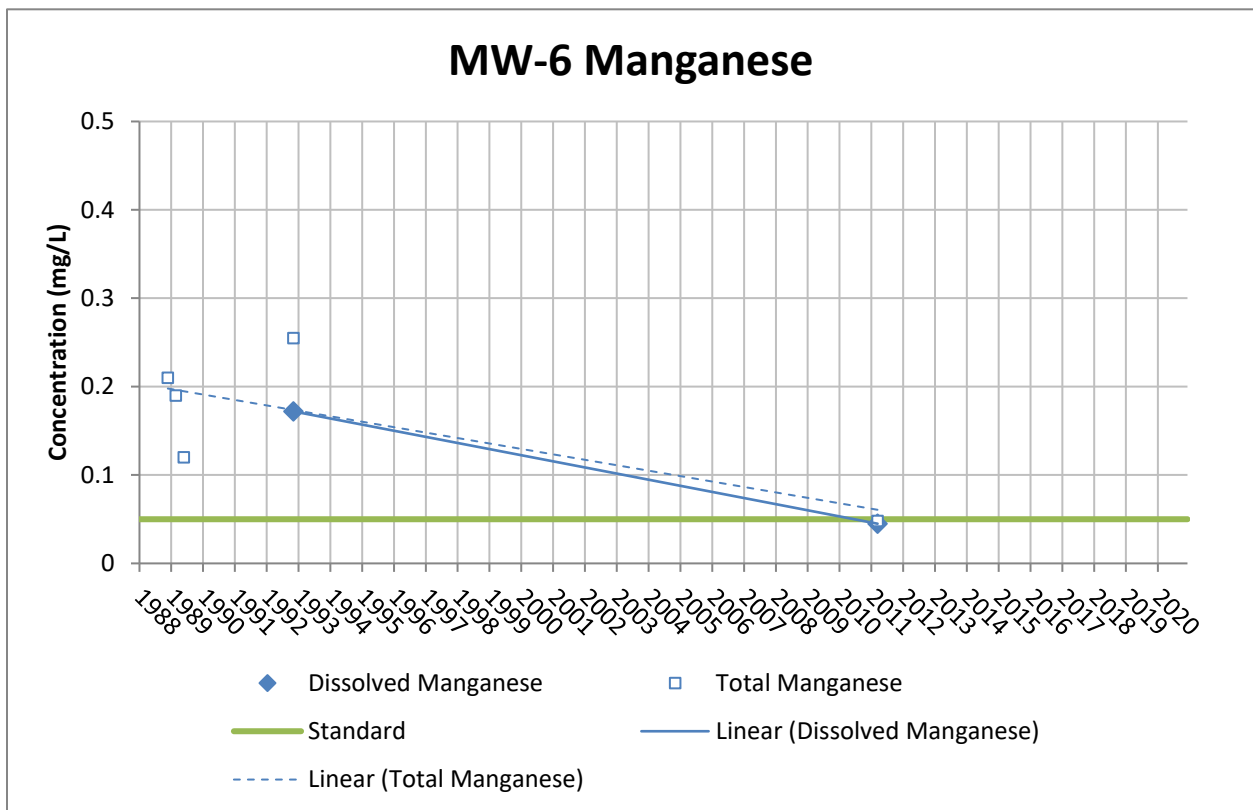
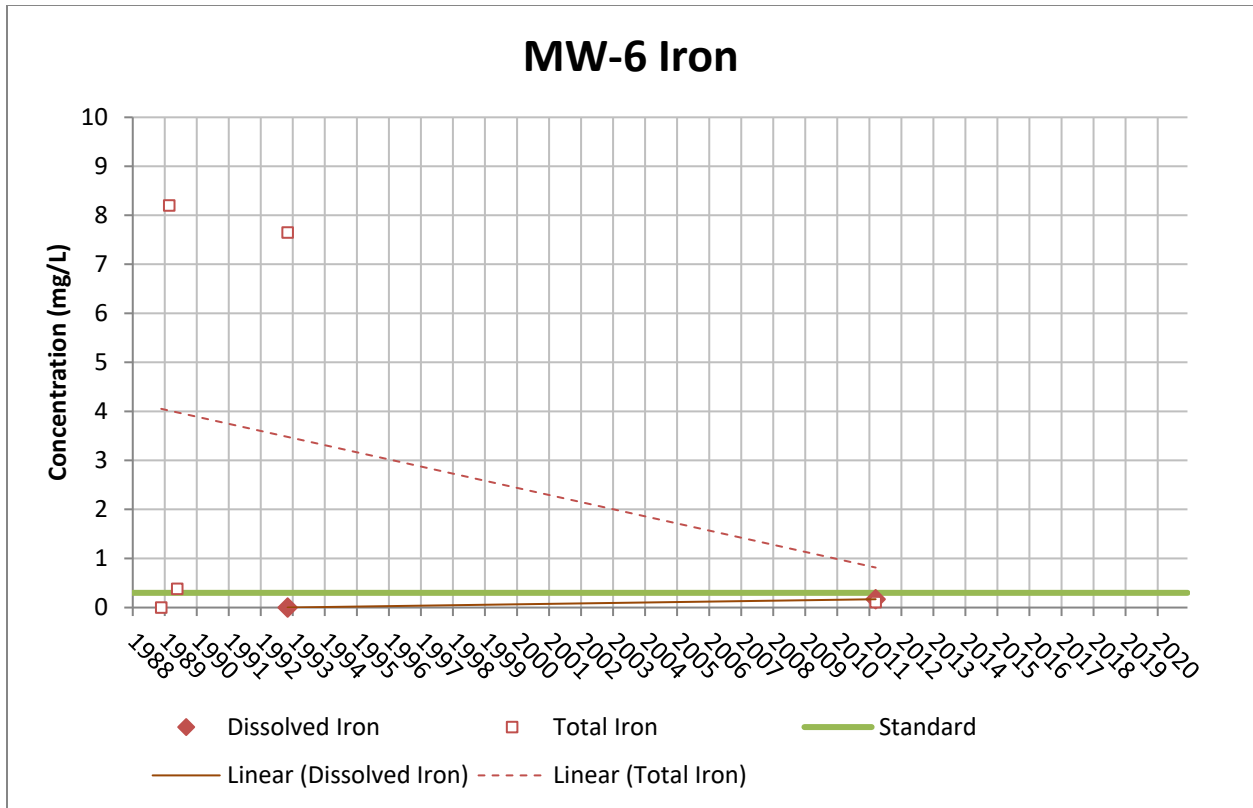


Figure E-7 Iron and Manganese Concentration Plots for Monitoring Well 6

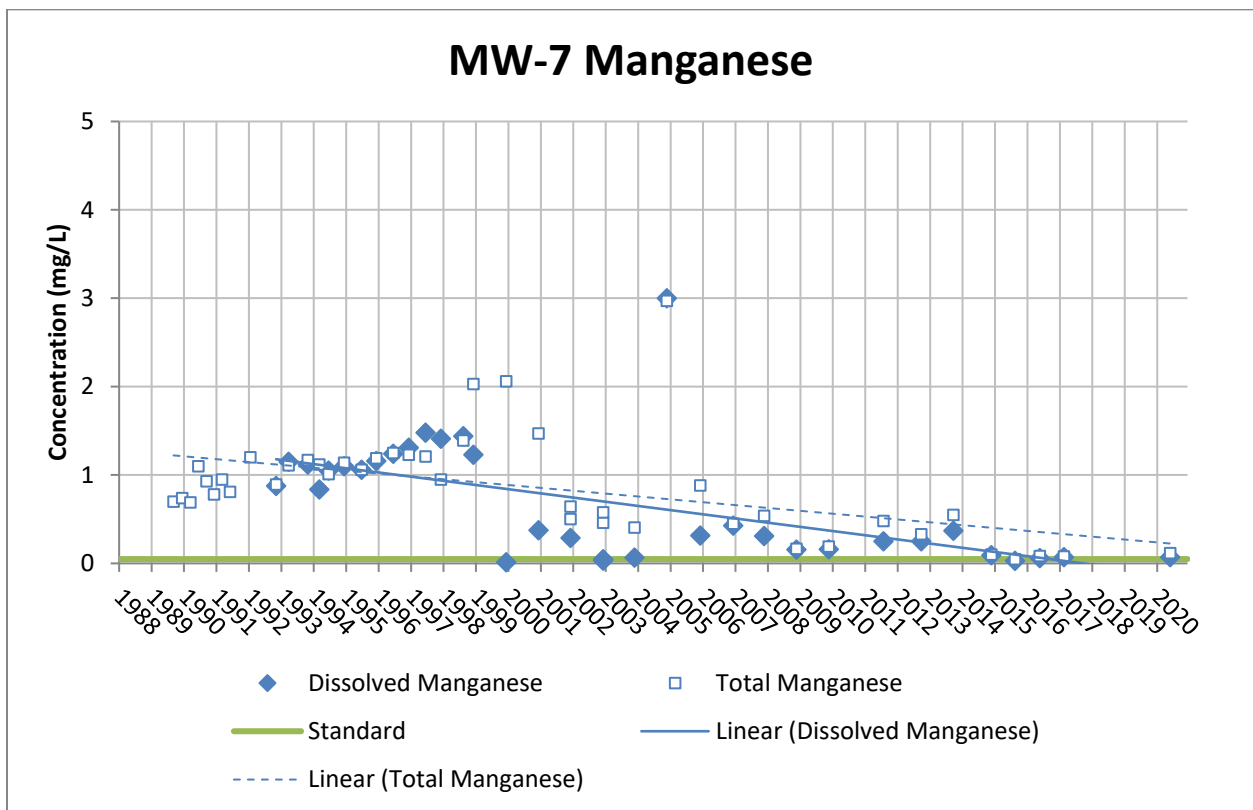
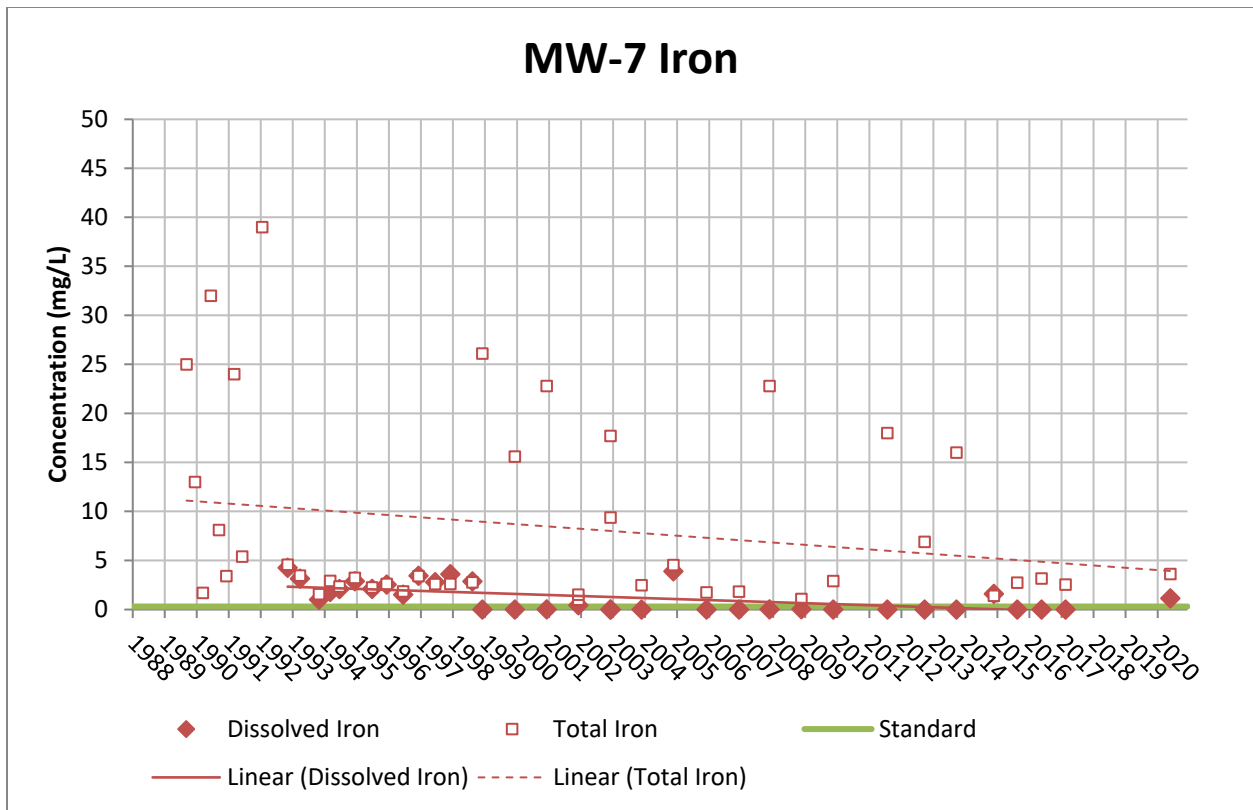


Figure E-8 Iron and Manganese Concentration Plots for Monitoring Well 7

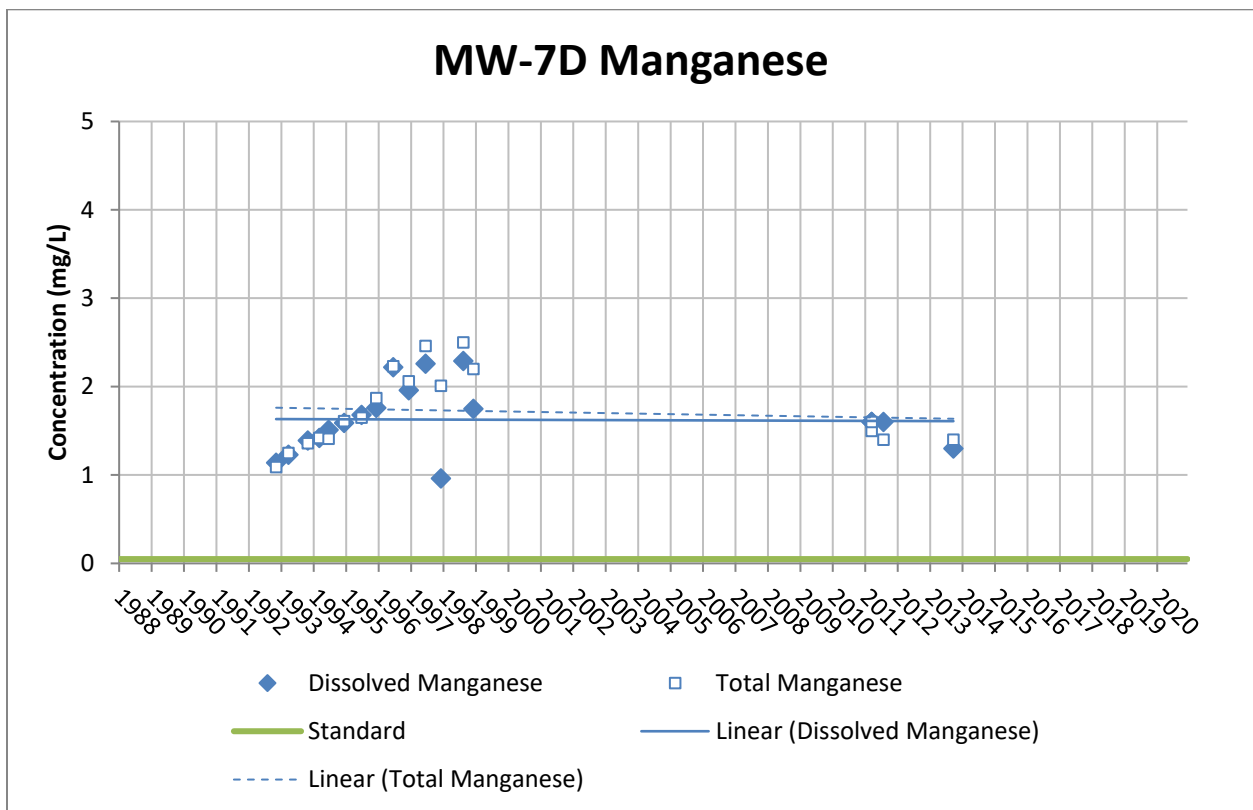
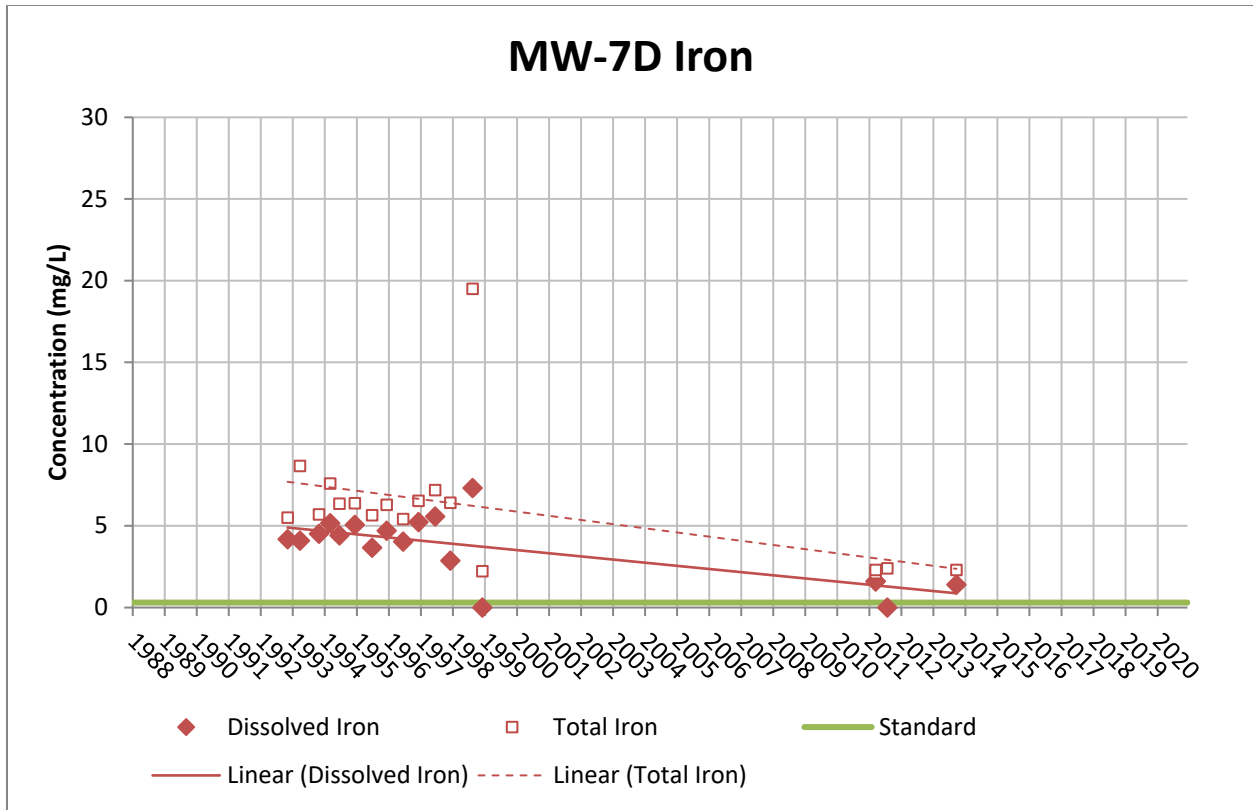


Figure E-9 Iron and Manganese Concentration Plots for Monitoring Well 7D

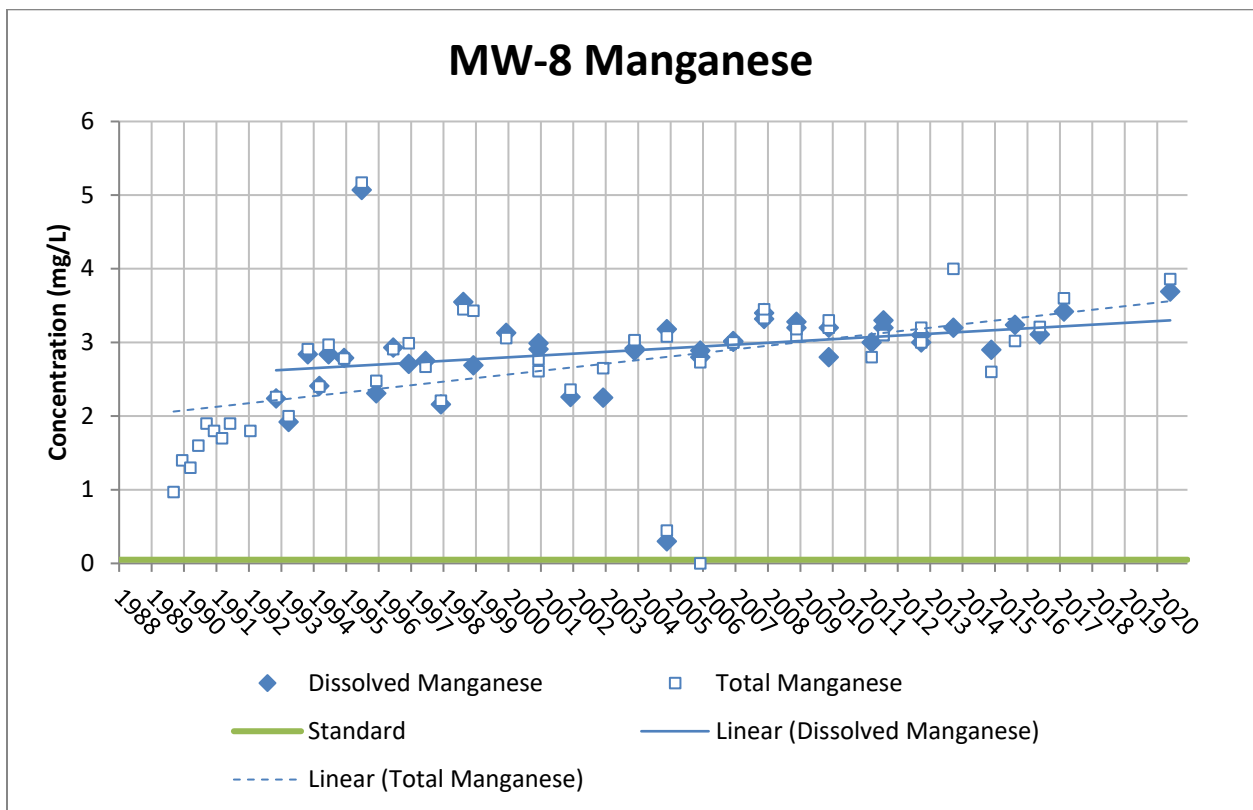
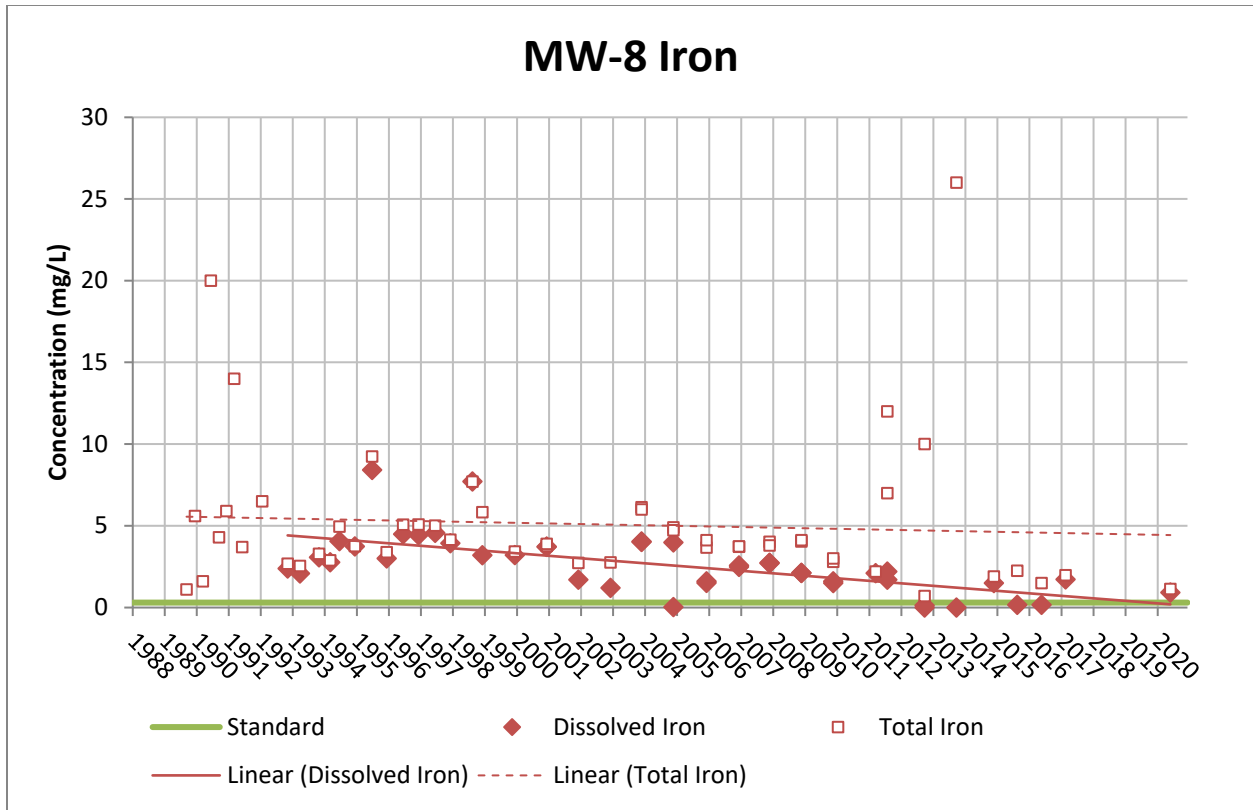


Figure E-10 Iron and Manganese Concentration Plots for Monitoring Well 8

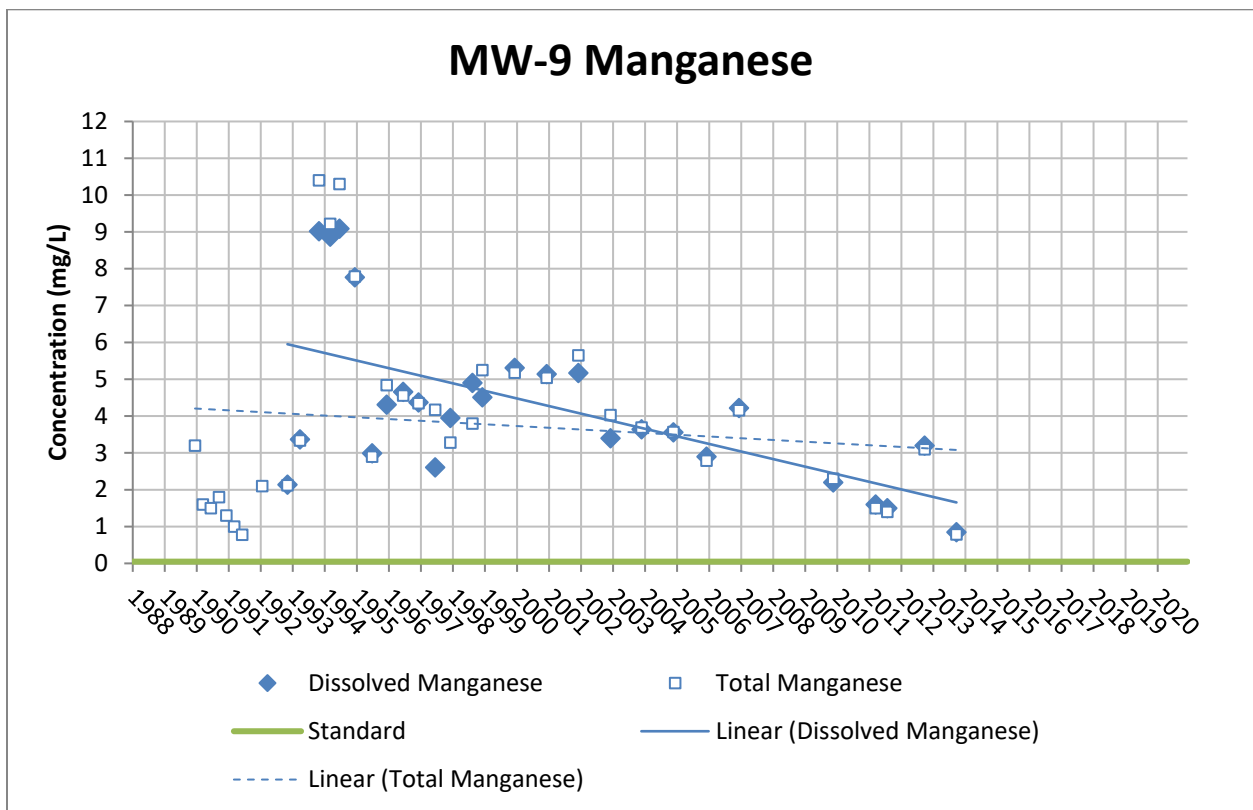
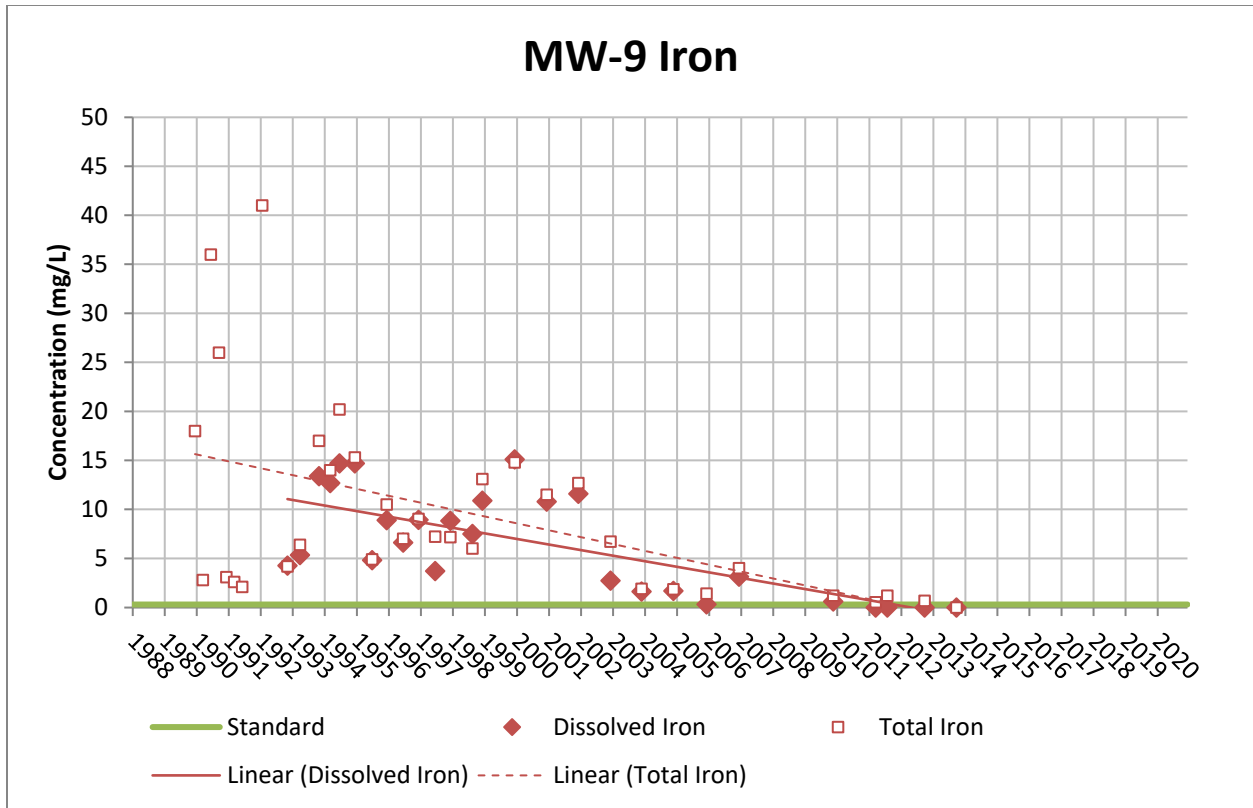


Figure E-11 Iron and Manganese Concentration Plots for Monitoring Well 9

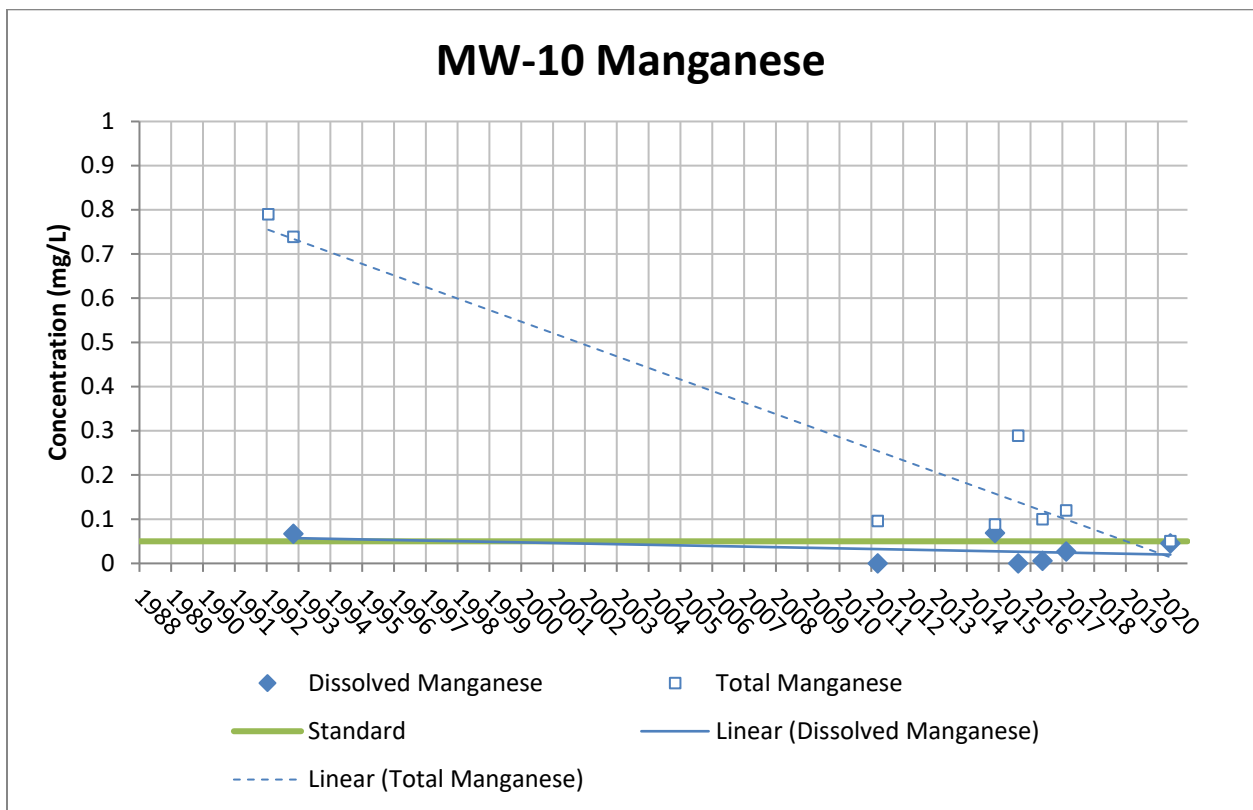
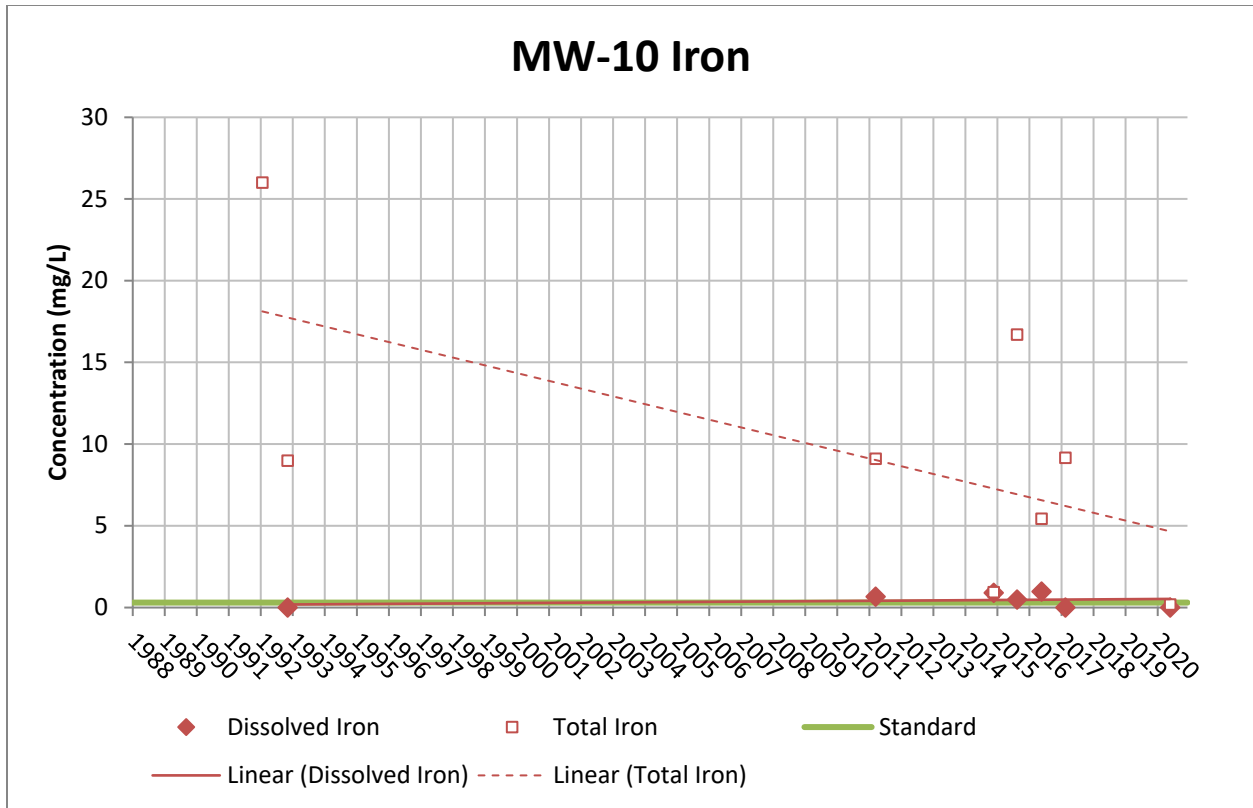


Figure E-12 Iron and Manganese Concentration Plots for Monitoring Well 10

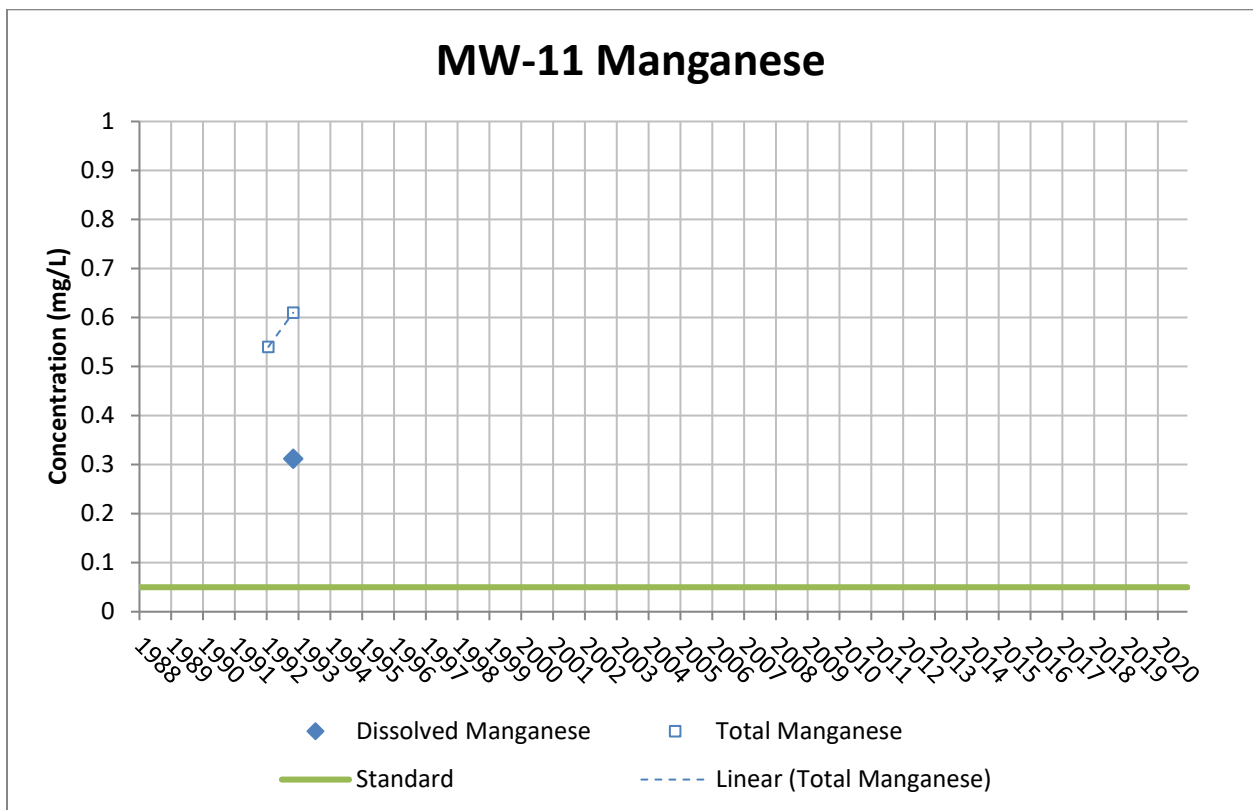
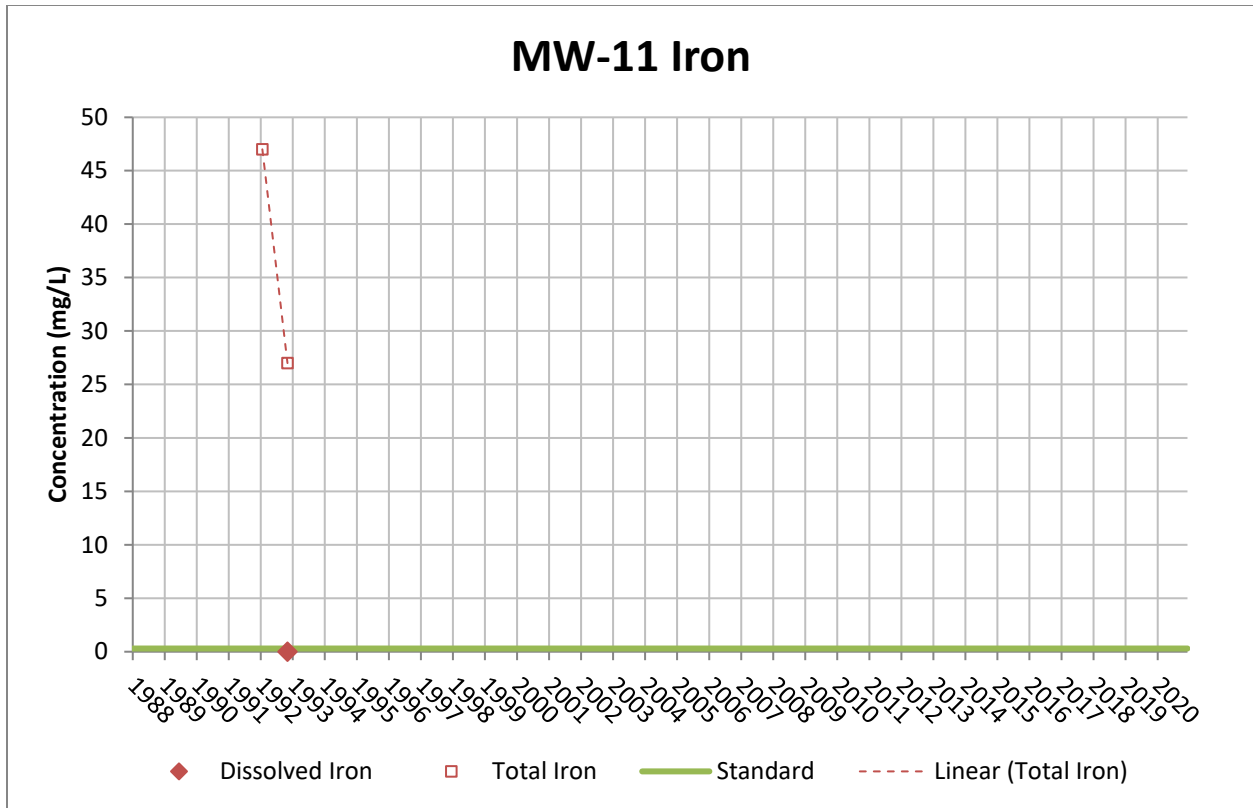


Figure E-13 Iron and Manganese Concentration Plots for Monitoring Well 11

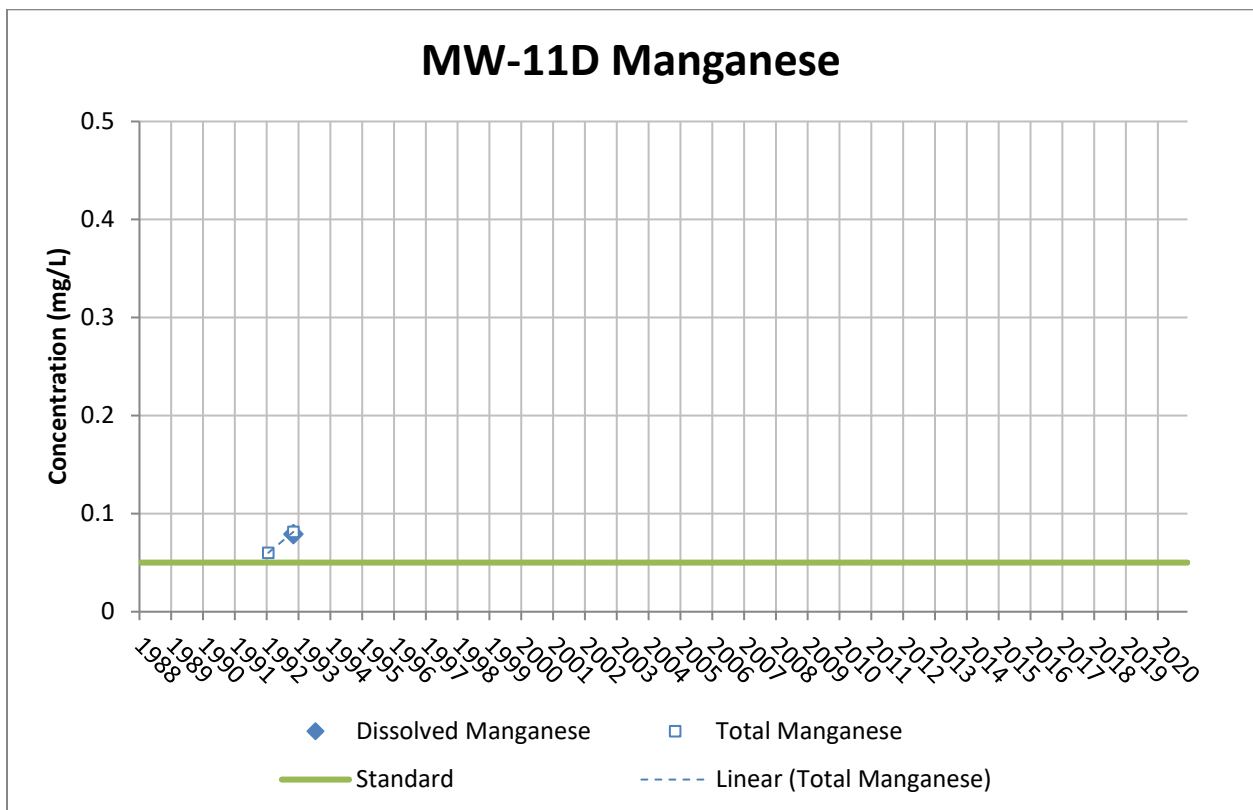
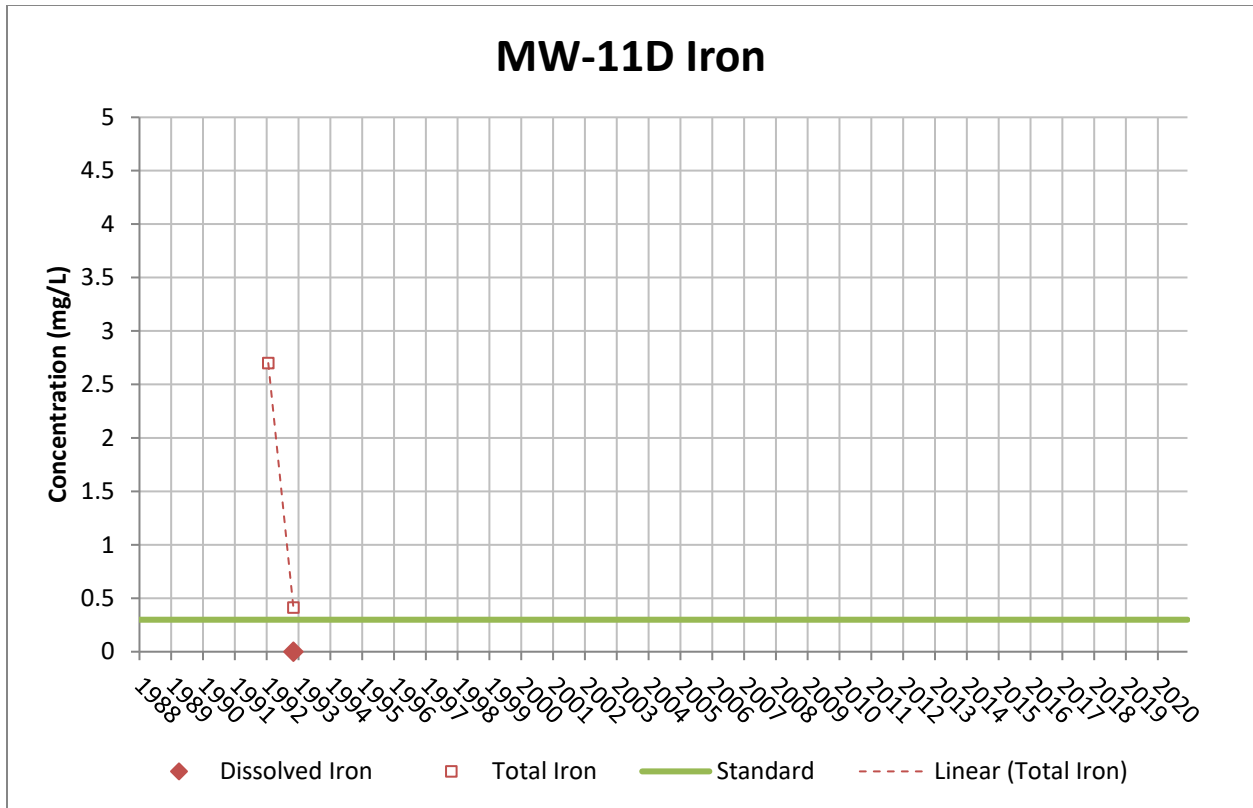


Figure E-14 Iron and Manganese Concentration Plots for Monitoring Well 11D

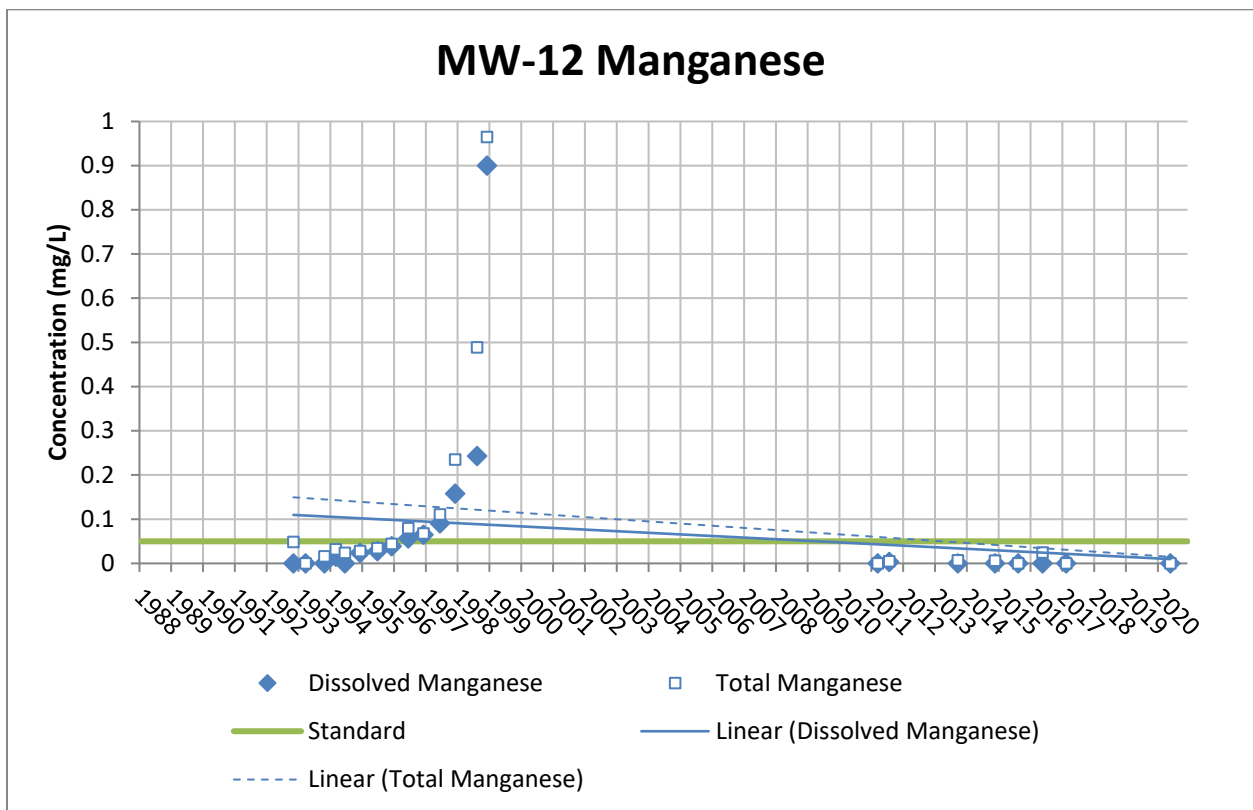
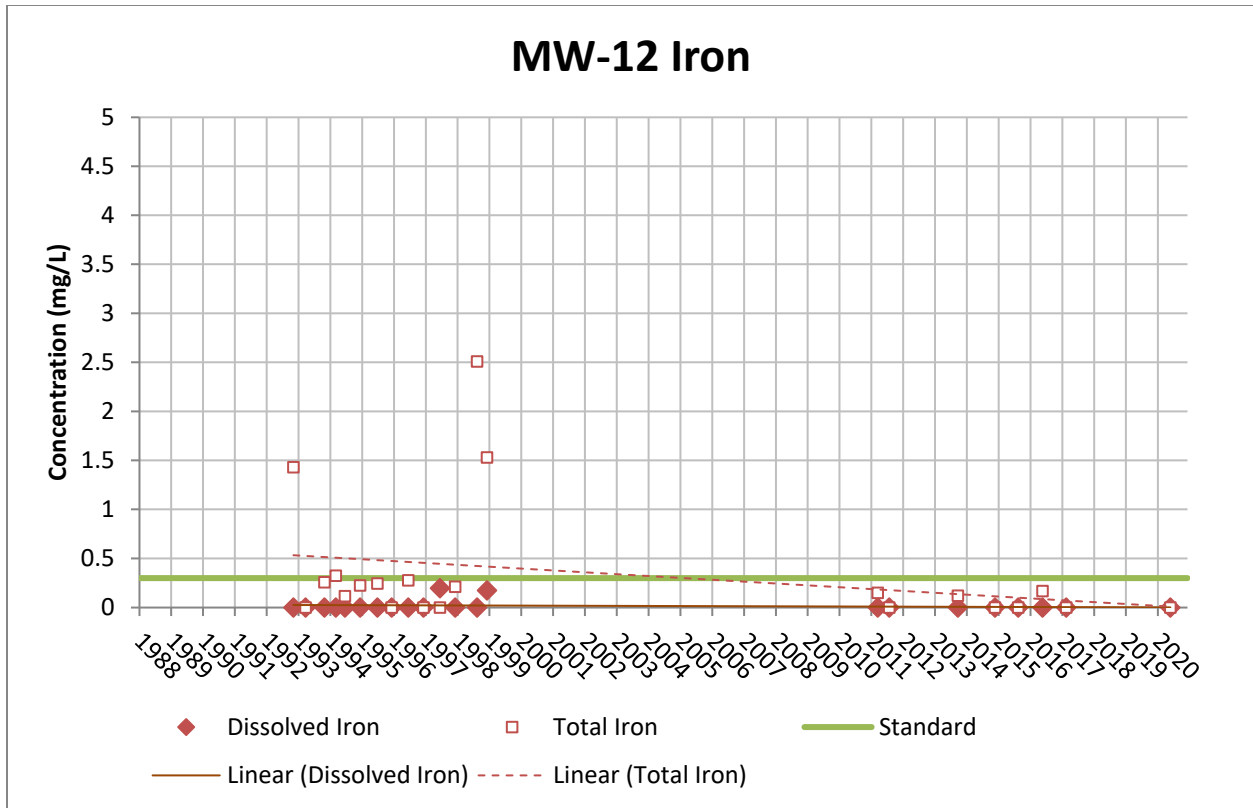


Figure E-15 Iron and Manganese Concentration Plots for Monitoring Well 12

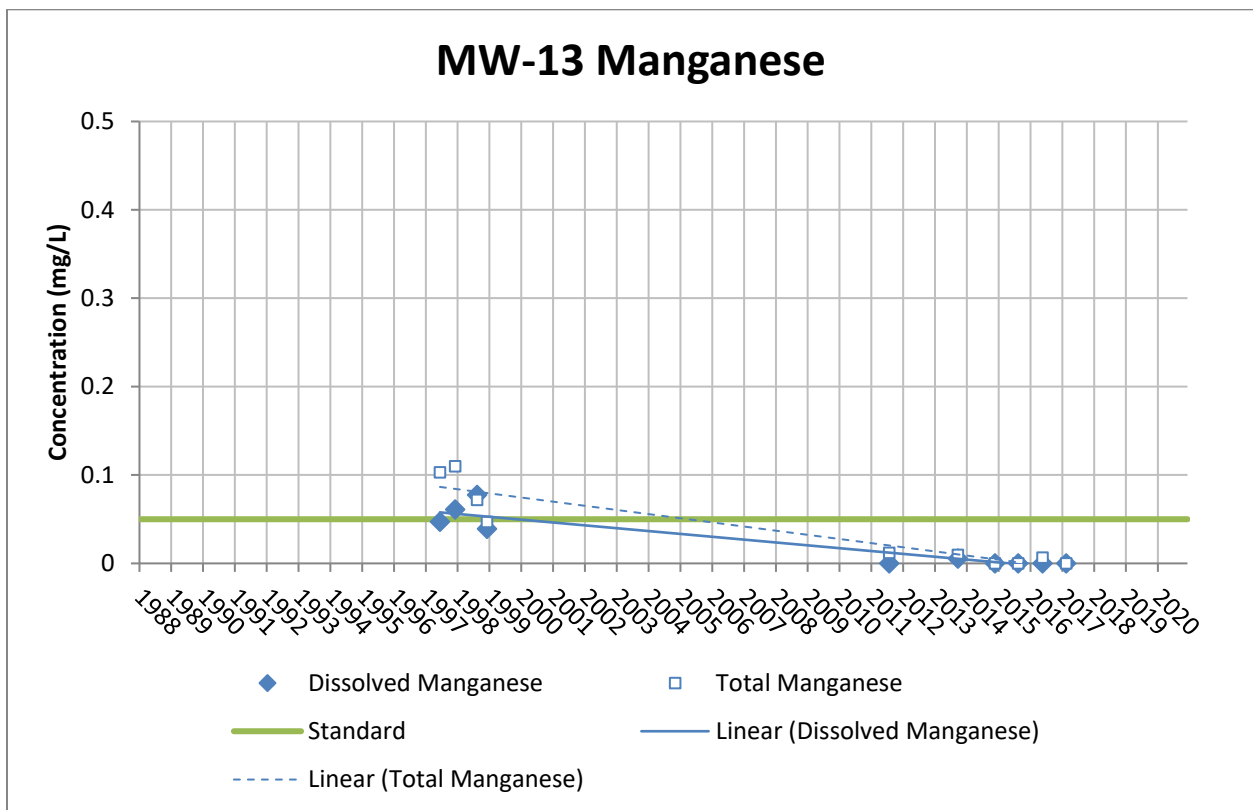
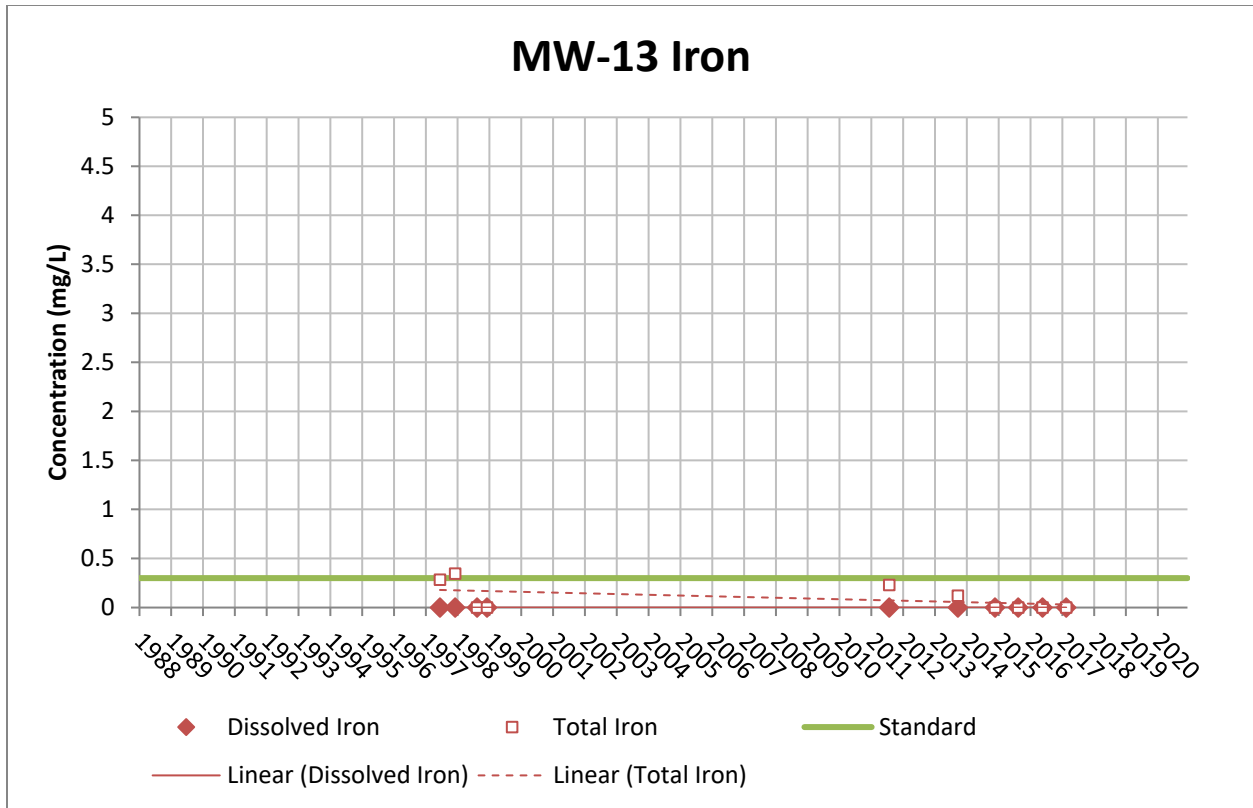


Figure E-16 Iron and Manganese Concentration Plots for Monitoring Well 13

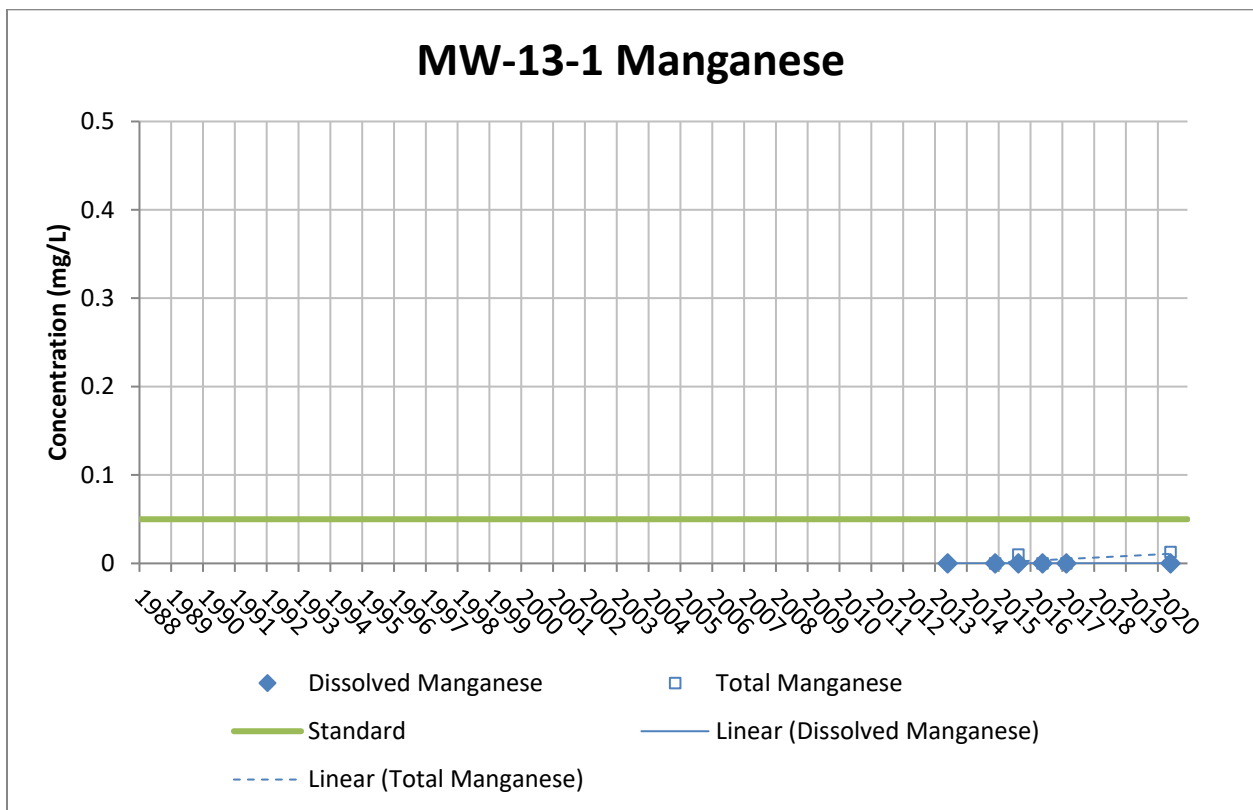
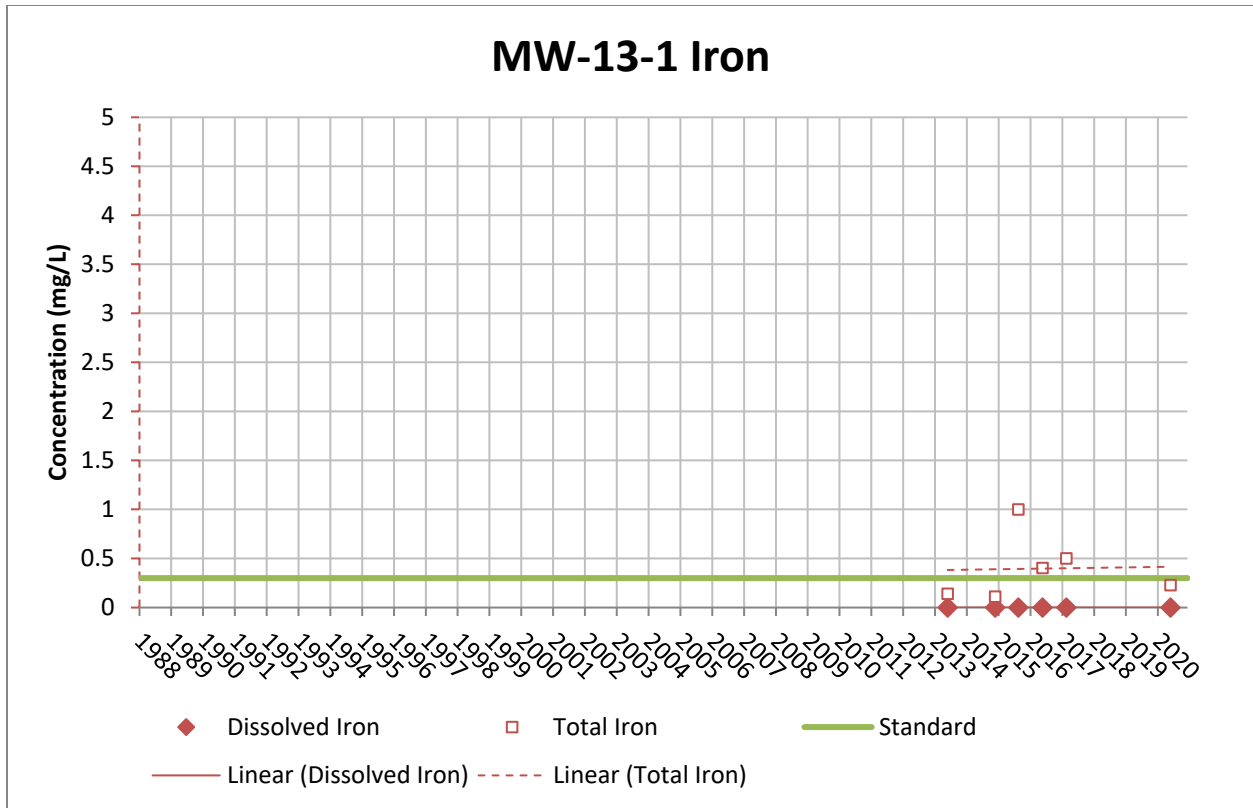


Figure E-17 Iron and Manganese Concentration Plots for Monitoring Well MW-13-1

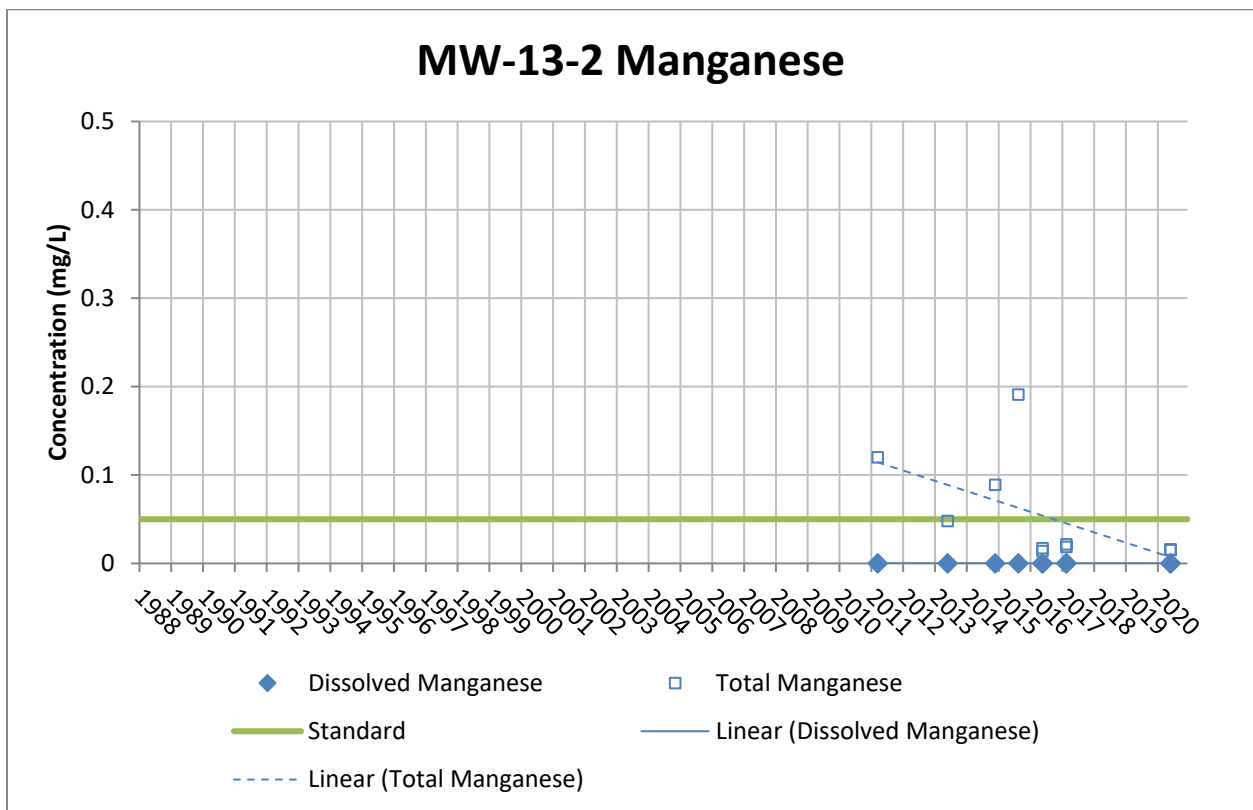
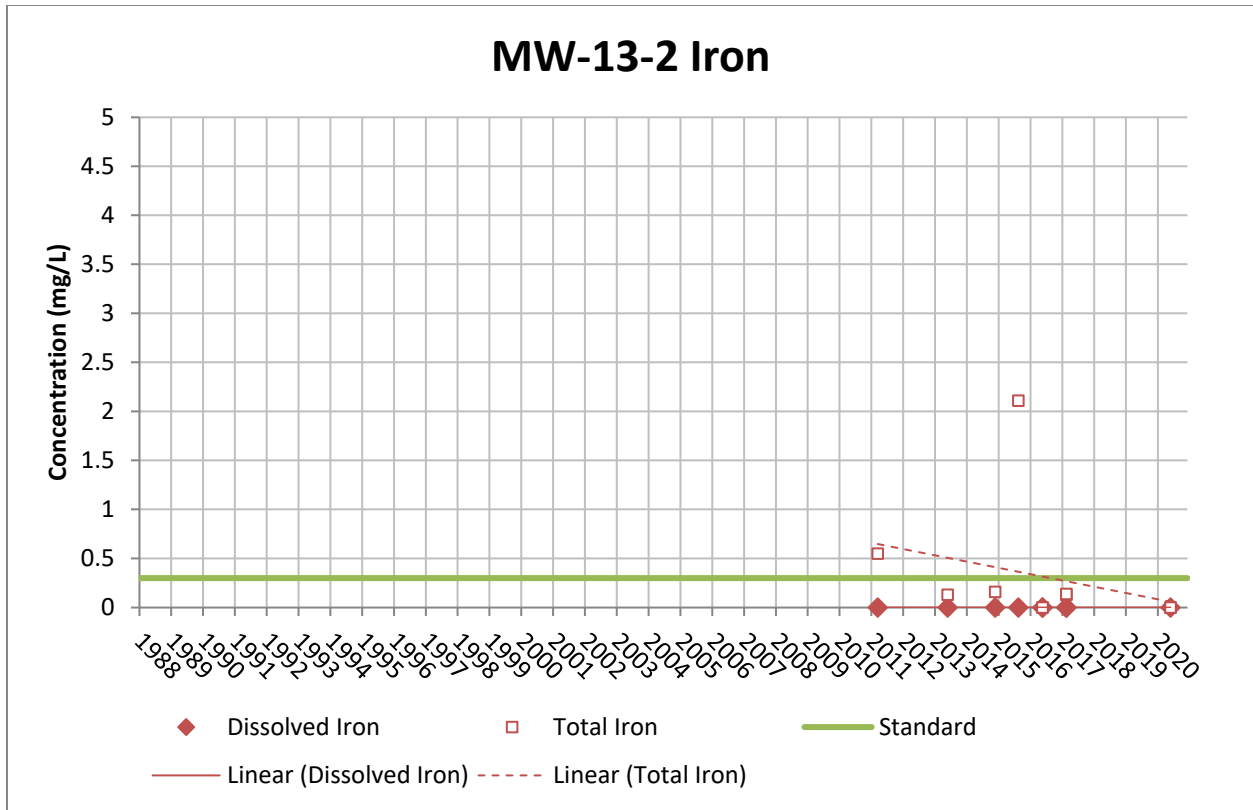


Figure E-18 Iron and Manganese Concentration Plots for Monitoring Well MW-13-2

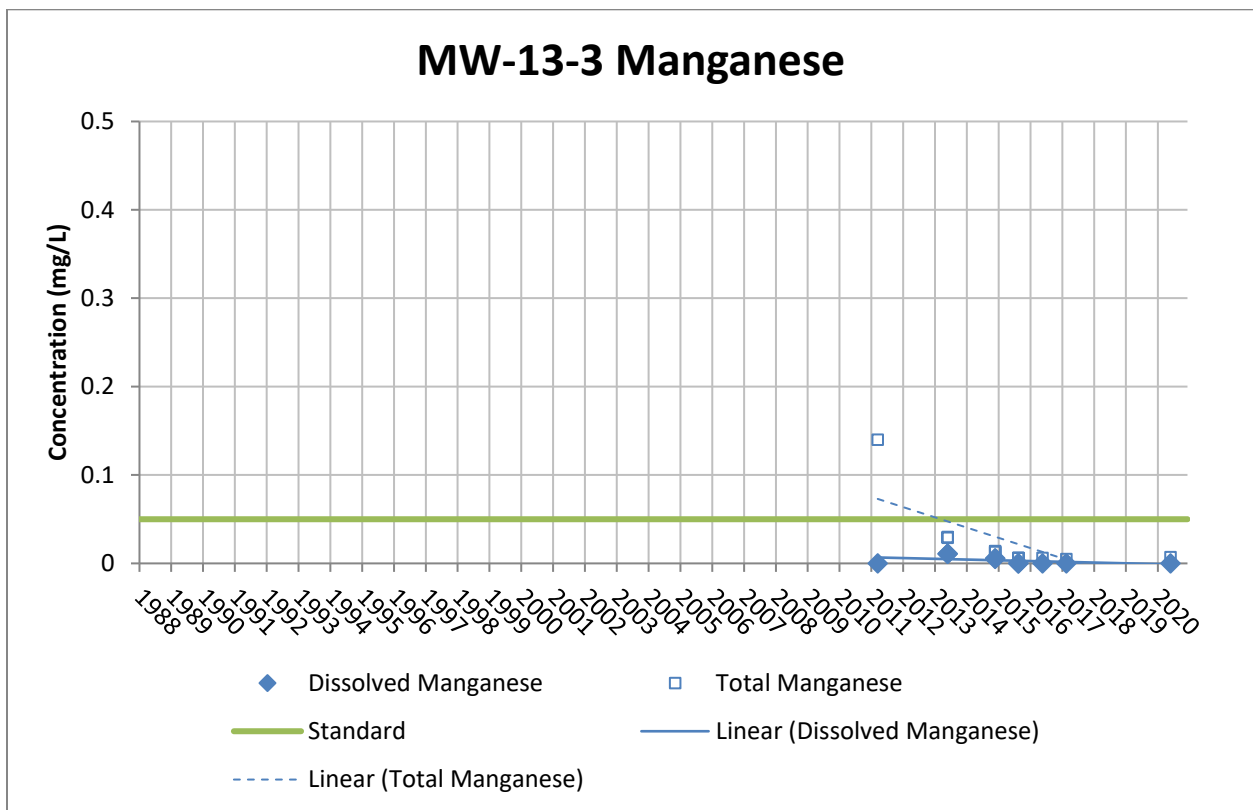
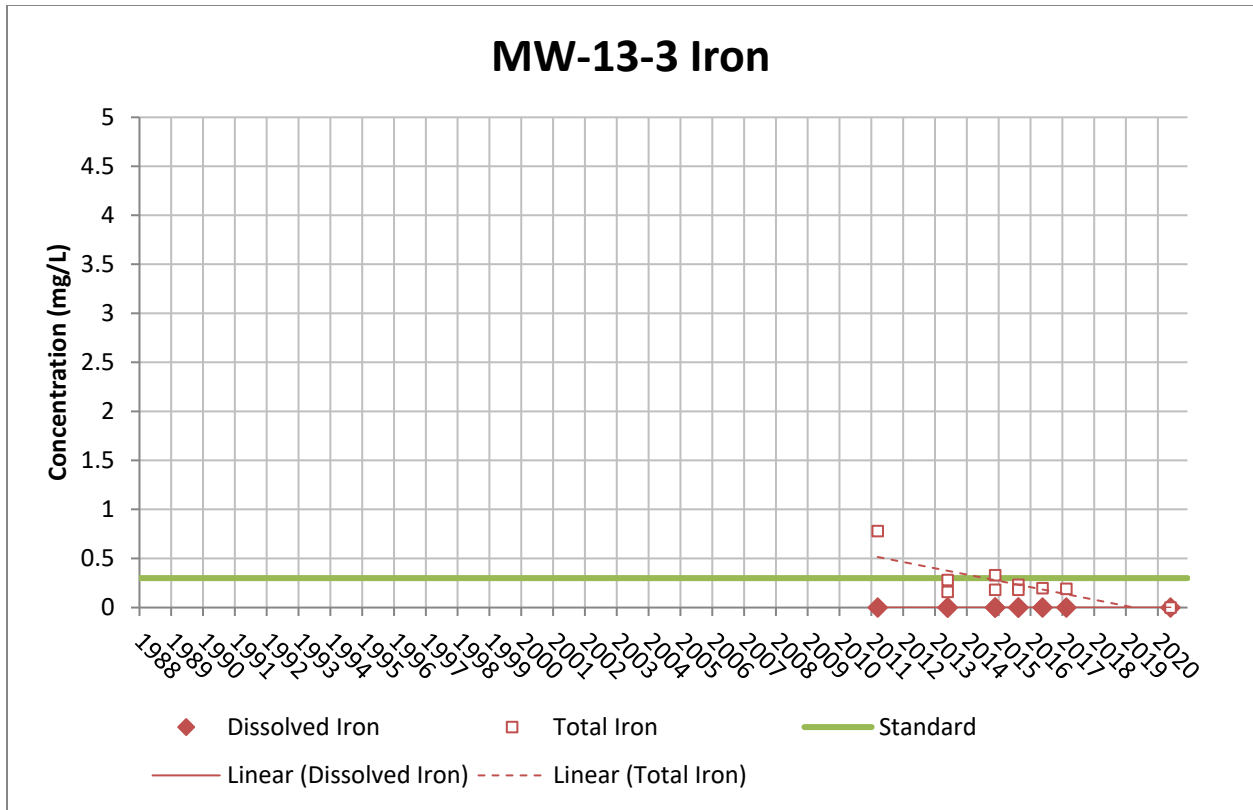


Figure E-19 Iron and Manganese Concentration Plots for Monitoring Well MW-13-3

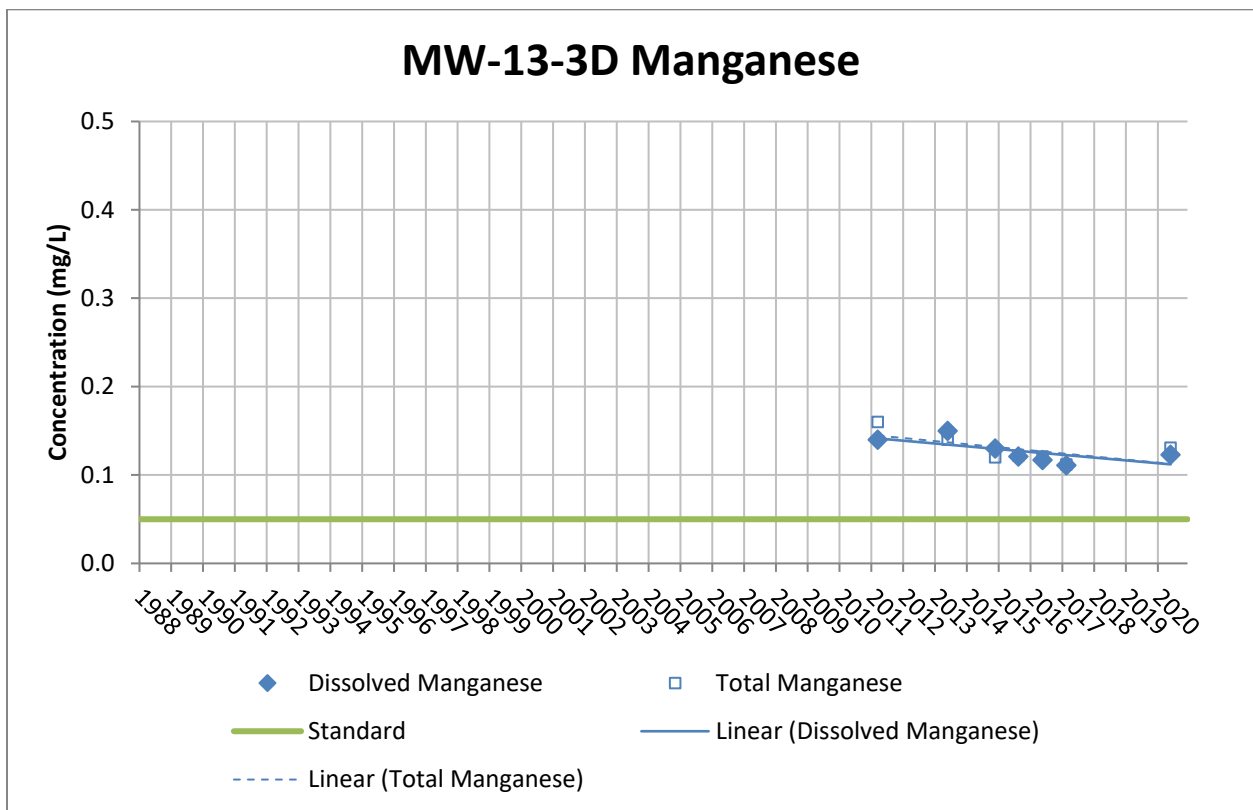
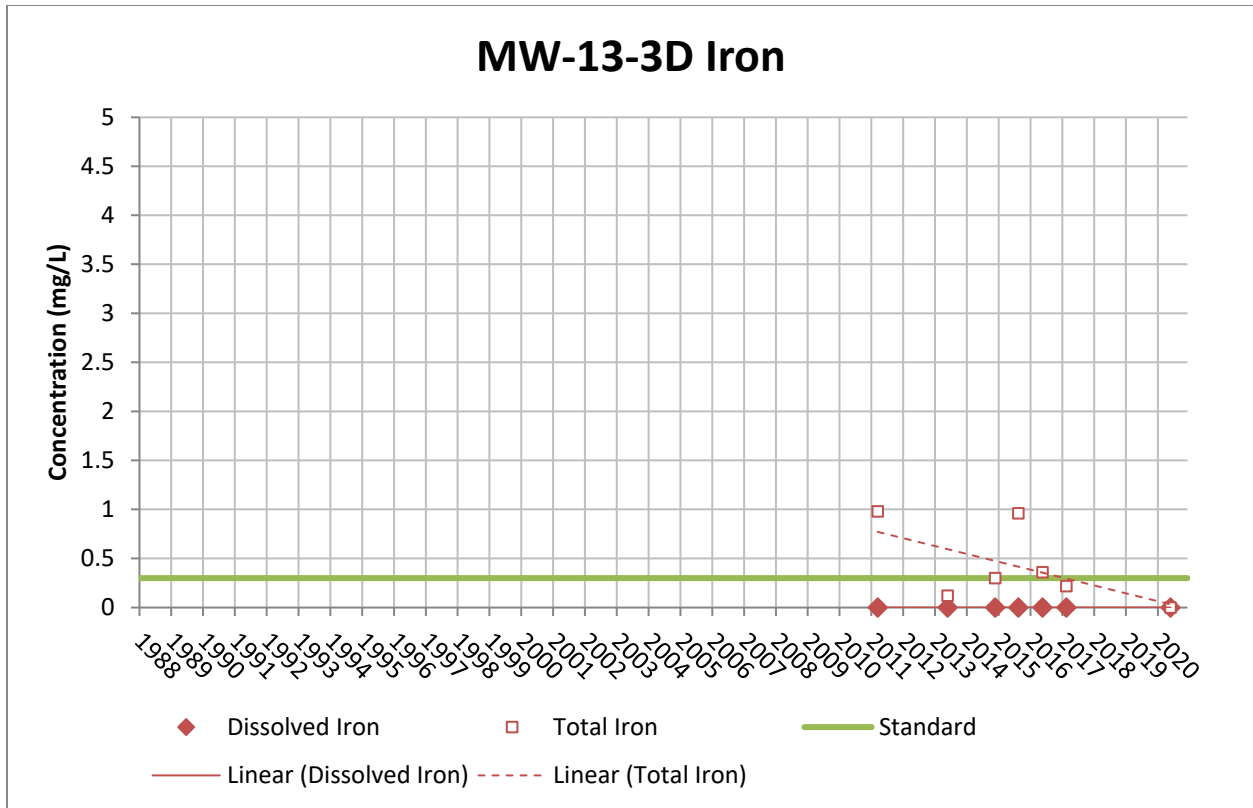


Figure E-20 Iron and Manganese Concentration Plots for Monitoring Well MW-13-3D

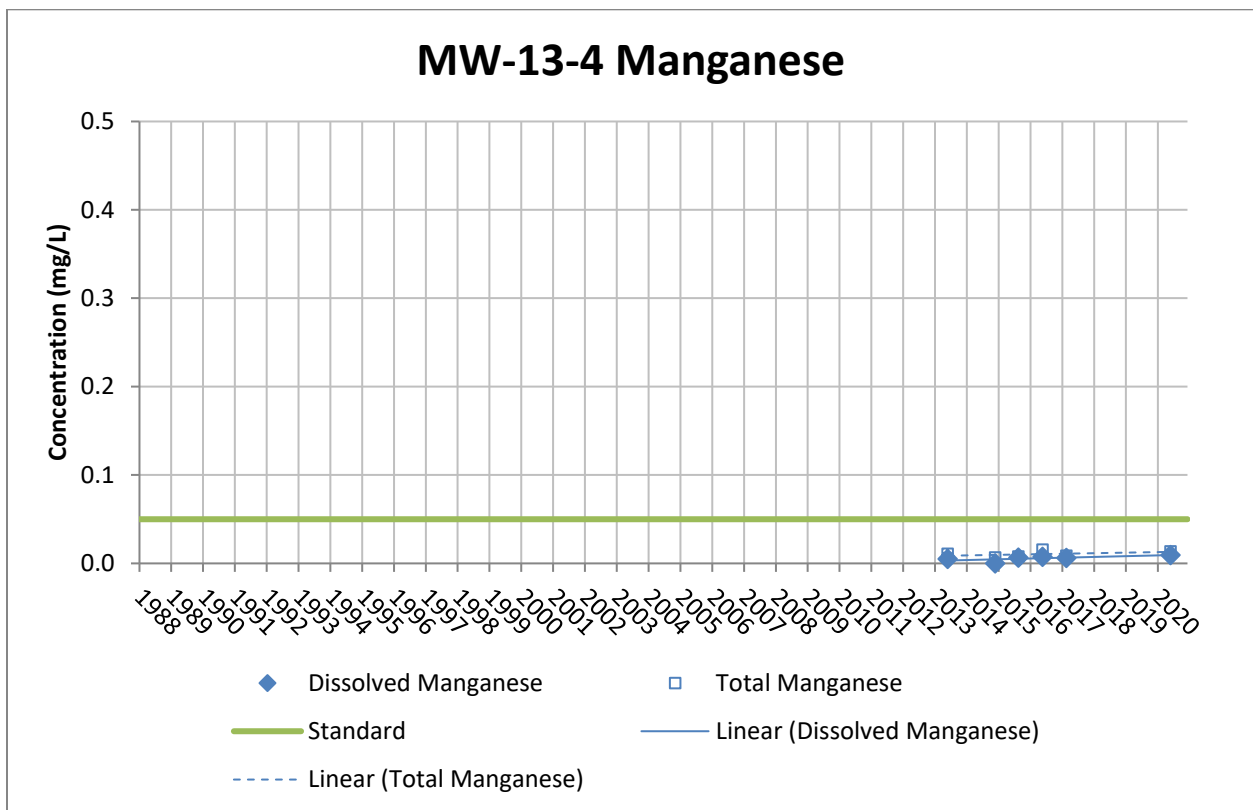
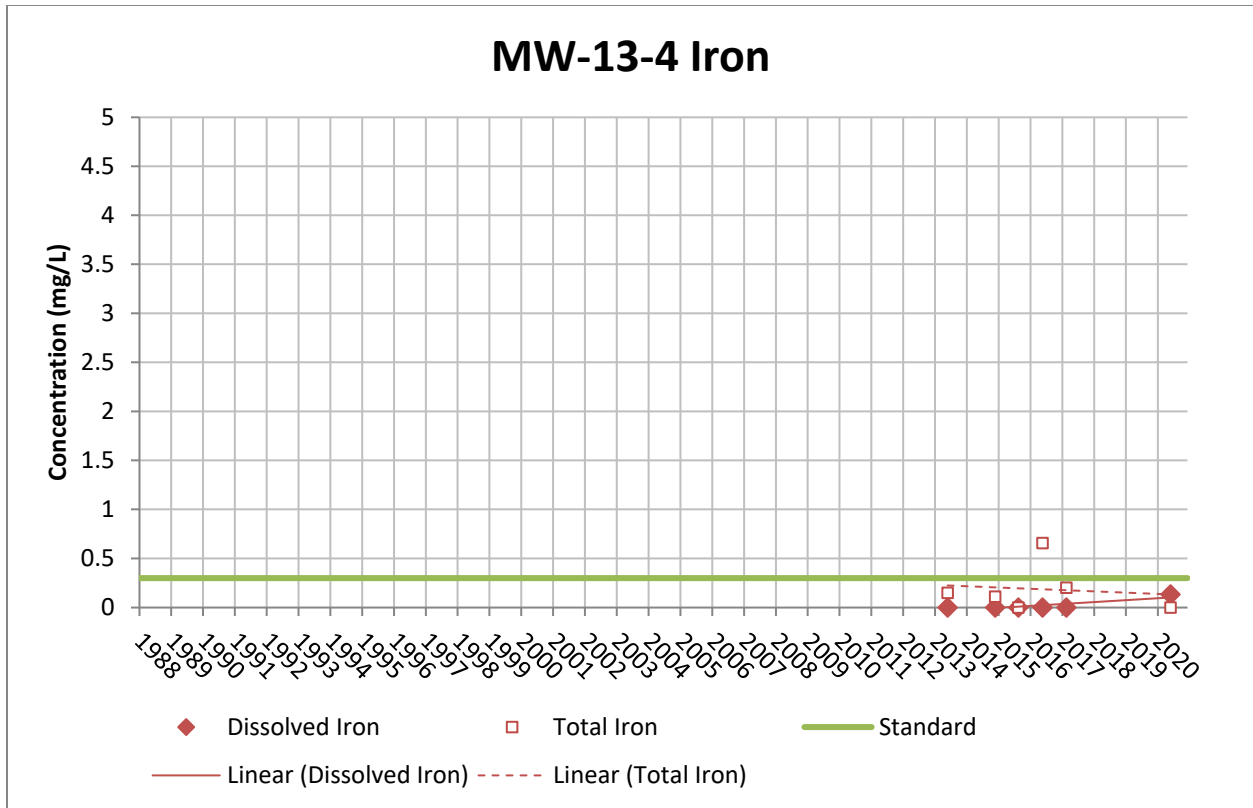


Figure E-21 Iron and Manganese Concentration Plots for Monitoring Well MW-13-4

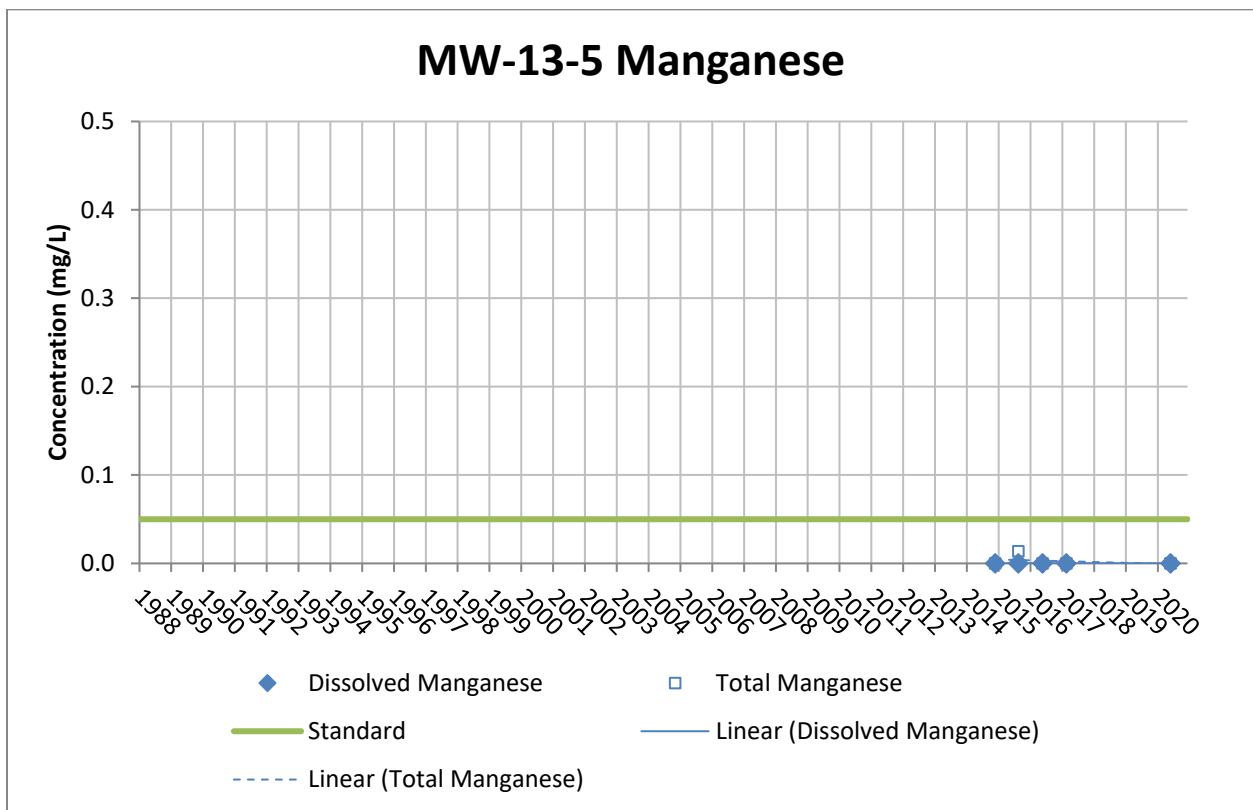
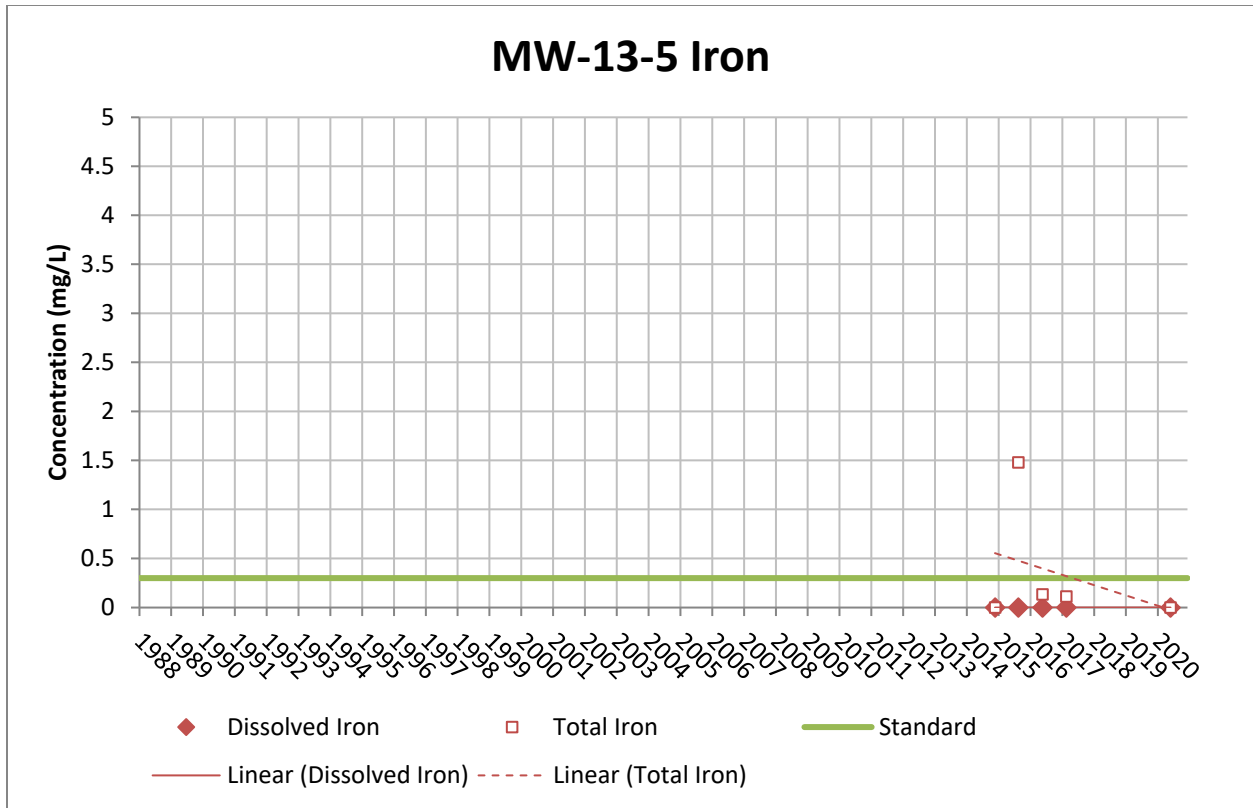


Figure E-22 Iron and Manganese Concentration Plots for Monitoring Well MW-13-5

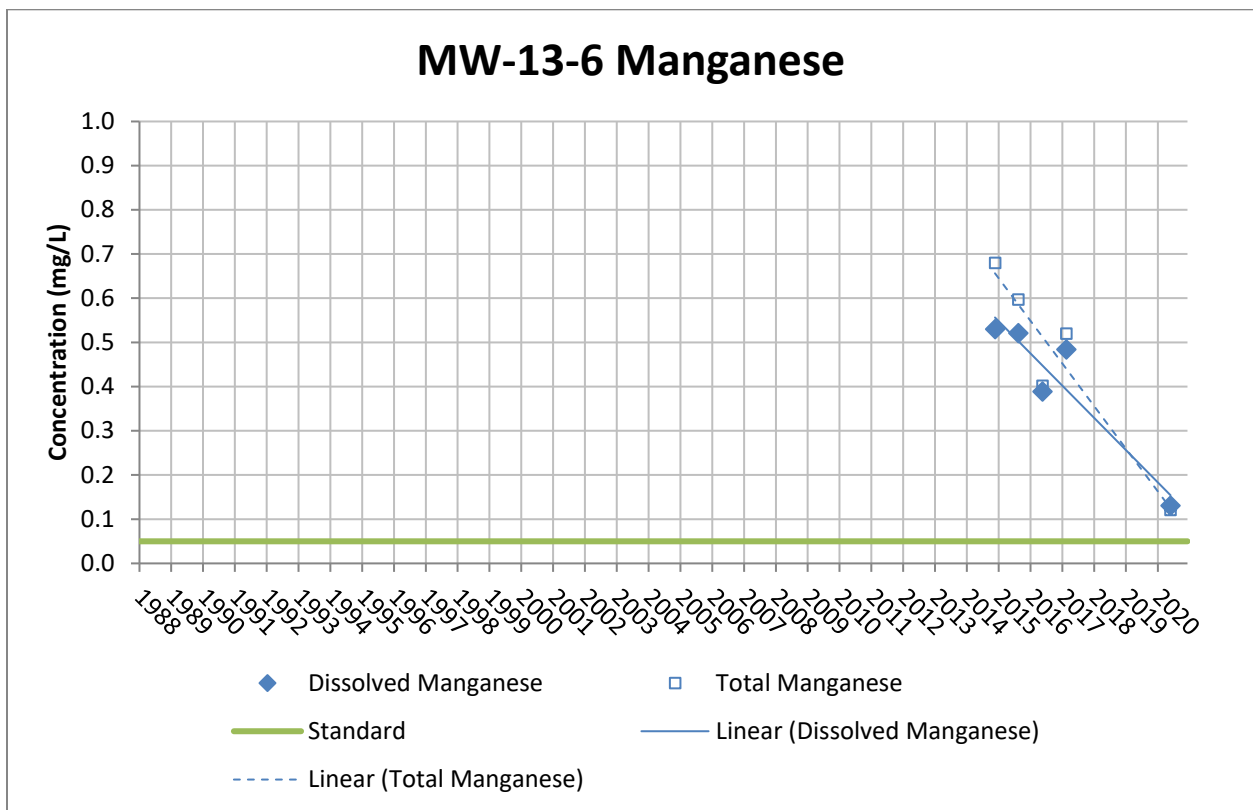
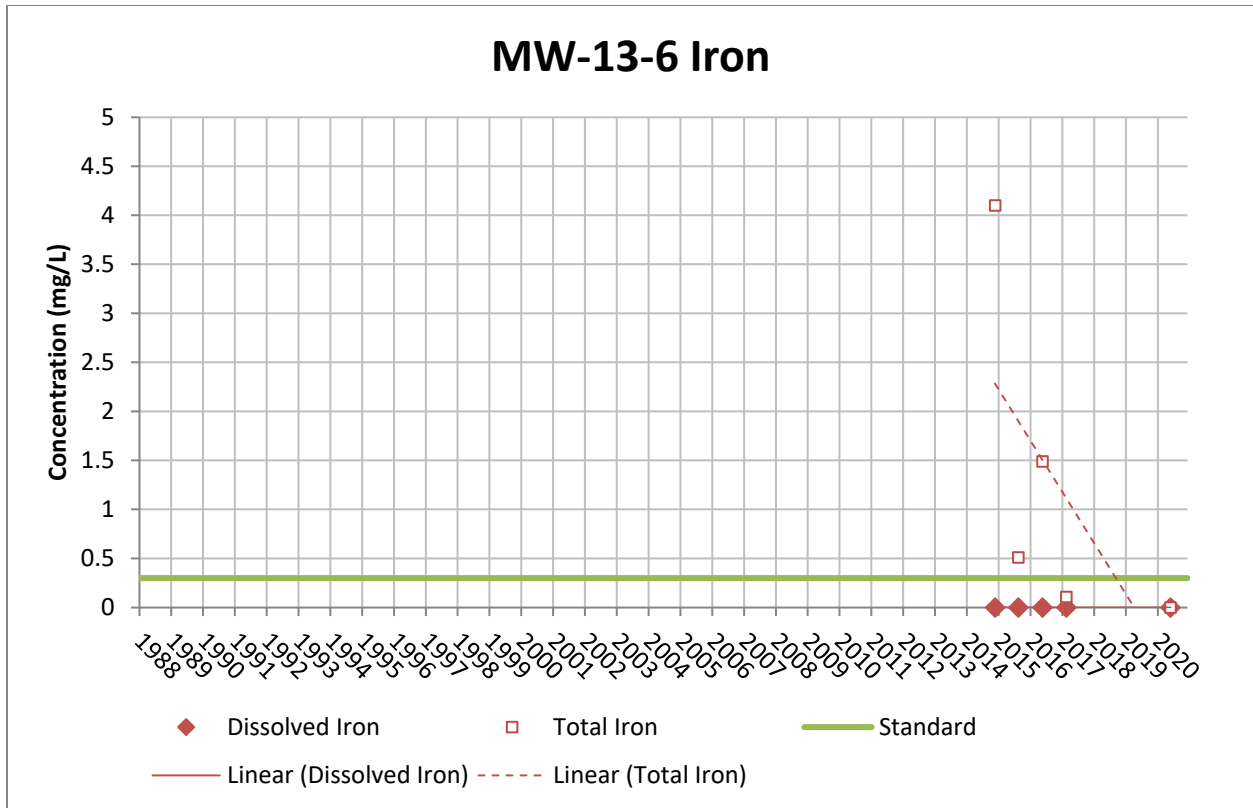


Figure E-23 Iron and Manganese Concentration Plots for Monitoring Well MW-13-6

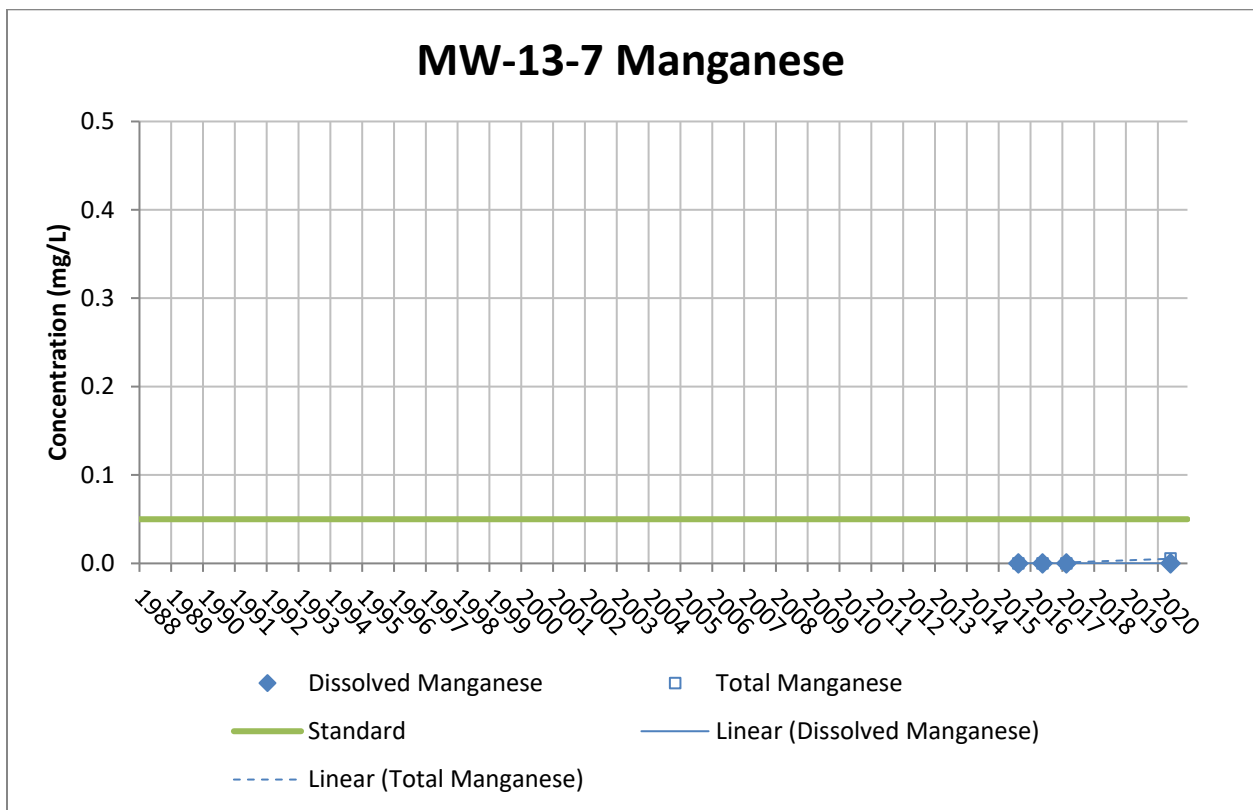
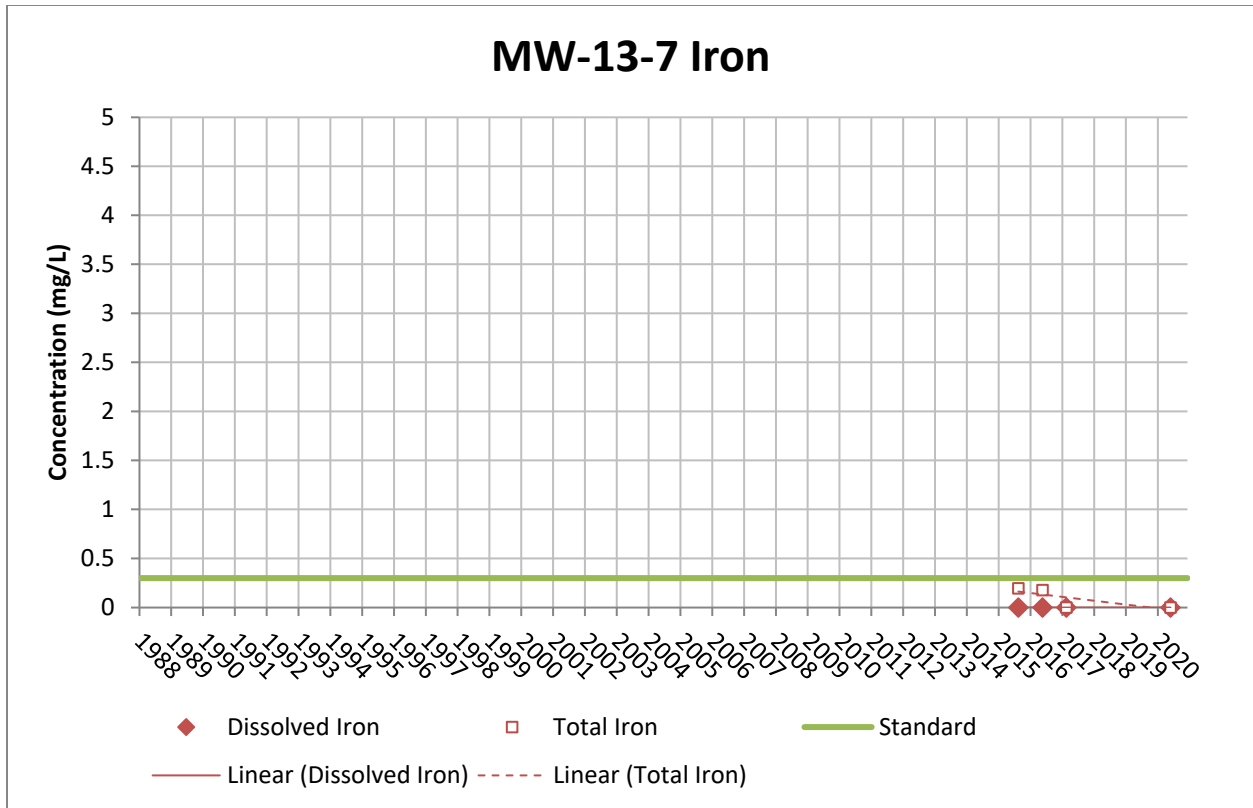


Figure E-24 Iron and Manganese Concentration Plots for Monitoring Well MW-13-7

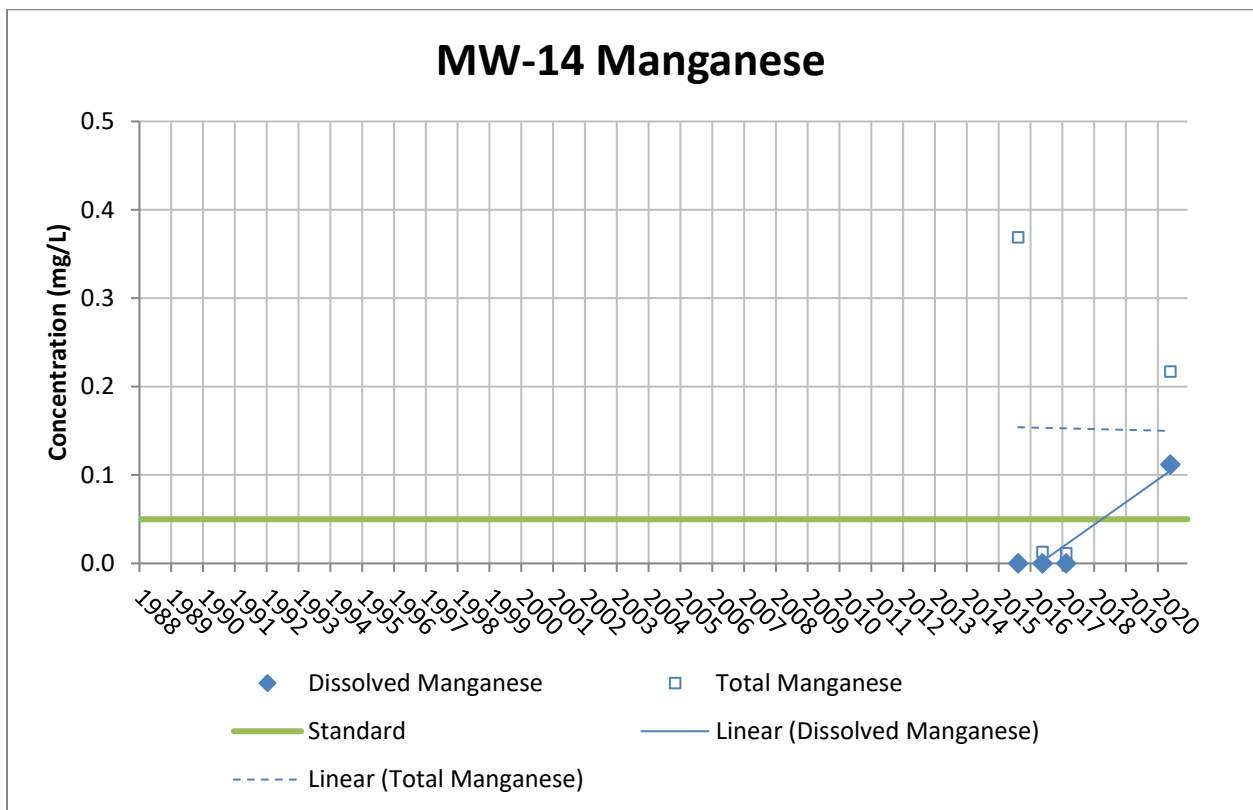
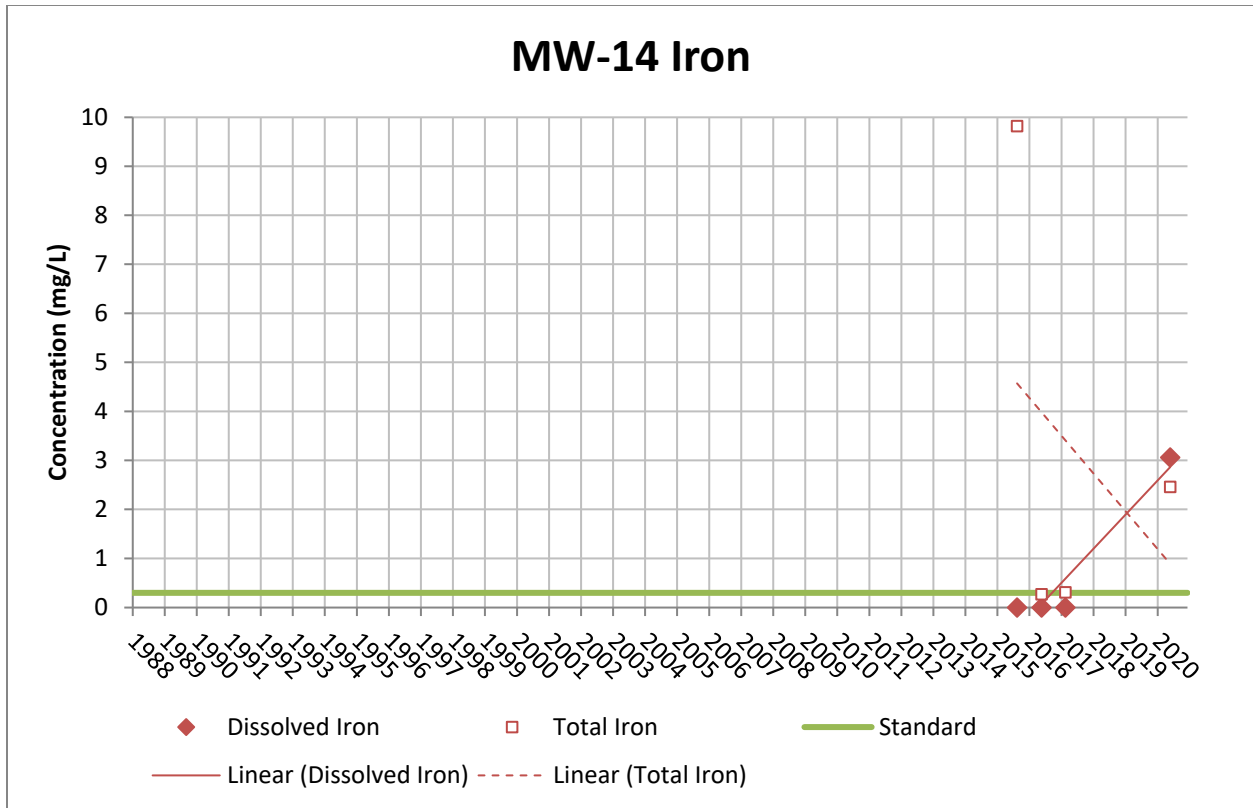


Figure E-25 Iron and Manganese Concentration Plots for Monitoring Well MW-14