VOLUNTARY INVESTIGATION AND REMEDIATION PLAN

CAMAK QUARRY SITE
4236 WASHINGTON HIGHWAY NE
THOMSON, WARREN COUNTY, GEORGIA
HSI SITE NUMBER 10409

PREPARED FOR:

MARTIN MARIETTA MATERIALS, INC.
3325 PADDOCKS PARKWAY
SUITE 350
SUWANEE, GEORGIA 30024

PREPARED BY:

EARTHCON CONSULTANTS, INC.
1880 WEST OAK PARKWAY
BUILDING 100, SUITE 106
MARIETTA, GEORGIA, 30062
770-973-2100

EarthCon Project No. 02.20140330.00

April 2015

EARTHCON

VOLUNTARY REMEDIATION PLAN

Camak Quarry Site
4236 Washington Highway NE
Thomson, Warren County, Georgia
HSI Site Number 10409

Prepared For:

Martin Marietta Materials, Inc.
3325 Paddocks Parkway
Suite 350
Suwanee, Georgia, 30024

April 2015

CAROL DORAN NORTHERN
No. 793
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST

Carol D. Northern, P.G.
Principal Geologist

Registration No. 793
State of Georgia

Date: 4/30/15

CONTENTS

TABLES

FIGURES

APPENDICES

1.0 INTRODUCTION

The Camak Quarry, located off Georgia Highway 80 near Thomson, Warren County, Georgia, is listed on the Hazardous Site Inventory (HSI) as the "Martin Marietta Aggregates Camak Quarry, HSI Site #10409" (the Property). The Camak Quarry is owned by Martin Marietta Materials, Inc. (MMM).

This Voluntary Investigation and Remediation Plan (VIRP) has been prepared to meet requirements outlined in the Georgia Voluntary Remediation Program Act (VRPA). The VRPA went into effect on June 1, 2009 and Georgia EPD began accepting applications to the Voluntary Remediation Program (VRP) on January 6, 2010. The VIRP Application Form and Checklist are provided in Appendix A. The Warranty Deed for the property is provided in Appendix B and copies of Tax Plats showing the property, surrounding properties, tax parcel identification numbers, and property owner information are provided in Appendix C.

2.0 SITE SUMMARY

The Camak Quarry is located approximately 20 miles west of Augusta, approximately three-quarters of a mile north of Interstate 20 in Thomson, Warren County, Georgia (Figure 1). The quarry site consists of 767 acres, of which 349 acres are permitted for aggregate surface mining (Mine Permit No. 118-77). Active quarry operations are ongoing at the property. The facility layout is shown on Figure 2.

Weston and Brooker Company began crushed aggregate quarry operations at the property in 1929. Superior Stone, a division of Martin Marietta, purchased the assets of Weston and Brooker in 1970. In 1973, Superior Stone became Martin Marietta Aggregates (MMA). In 1996, Martin Marietta Materials (MMM) was spun off from the newly created Lockheed Martin and became an independent company. MMM, and/or its predecessor companies, have owned and operated the Camak Quarry since 1973.

The Georgia Department of Transportation (GDOT) conducted asphalt quality control testing at the laboratory at the former onsite asphalt plant. The asphalt plant was owned and operated by Knox Rivers Construction Company. The asphalt plant was in operation from 1965 to 1972 and then was relocated offsite. GDOT used trichloroethene (TCE) during asphalt quality control testing.

In 1994, MMA submitted a permit application to operate an existing onsite water supply well (PW-1) as a public water source for quarry personnel. The location of well PW-1 is shown on Figure 2. Analysis of groundwater samples collected from this well as part of the permitting process identified the presence of volatile organic compounds (VOCs) including TCE, cis-1,2-dichloroethene (cis-1,2-DCE), and toluene in groundwater. As a result, well PW-1 was deactivated and bottled water was supplied to site workers. Based on the presence of TCE in well PW-1, a Hazardous Site Response Act (HSRA) release notification was submitted to the

Georgia Environmental Protection Division (EPD) on July 21, 1995. The Georgia EPD listed the property on the Hazardous Site Inventory (HSI) on February 29, 1996, due to a known release of TCE to groundwater.

From 1999 until 2003, numerous site investigation activities were conducted for the Camak Quarry. The results of these activities were submitted to Georgia EPD in the following documents:

- Compliance Status Report (CSR), dated June 1999;
- Addendum to CSR, dated November 2000;
- CSR Addendum No. 2, dated October 9, 2002;
- Revised CSR Addendum No. 2, dated September 2003;
- Corrective Action Plan (CAP), dated December 2002; and,
- Revised CAP, dated September 2003.

The September 2003 Revised CAP was approved by Georgia EPD on June 28, 2005. In accordance with the approved Revised CAP, quarterly groundwater monitoring began at the Camak Quarry in December 2005. Groundwater monitoring transitioned to a semi-annual schedule beginning in March 2007. In emails dated November 2, 2009 and December 17, 2009, Georgia EPD approved a reduction in groundwater monitoring to an annual basis, which began in March 2011. Groundwater at the property has been sampled annually since that time.

3.0 CONSTITUENTS/AREAS OF CONCERN

The 2002 CSR Addendum No. 2 demonstrated horizontal and vertical delineation of soil and groundwater contamination for the Camak Quarry. The CSR Addendum No. 2 documented that regulated substances detected in site soils comply with Type 1 residential risk reduction standards (RRS). However, regulated substances documented in groundwater were at concentrations exceeding applicable RRS. A summary of regulated substances historically detected at the Property is provided in Appendix D.

The two probable sources of groundwater contamination at the Property are the electrical warehouse and former rail spur area, and the former water supply well PW-1. Maintenance activities in the electrical warehouse and former rail spur area were performed through 1975. The depth to groundwater in this area is approximately three feet below ground surface (bgs). The former water supply well PW-1 was the water supply well for the quarry from 1985 until February 1995. It was constructed with steel casing from the ground surface to 37 feet bgs, which is approximately one to three feet above top of competent bedrock, and finished as a 600 foot open hole well with the pump set at 500 feet bgs. Poor well construction is suspected to have allowed the well to act as a direct conduit for vertical migration of impacted shallow groundwater into the open borehole during pumping. These areas are on property that is solely owned by MMM and, based on delineation presented in the 2002 CSR Addendum No. 2, no offsite properties are impacted by these releases.

As shown in Appendix D, fourteen regulated substances have been detected in groundwater at the property at concentrations above laboratory detection limits. Figure 3 depicts the sampling locations at the site. Historically, concentrations of ten of these regulated substances were below their respective Type 1 RRS for groundwater. Additionally, concentrations of two constituents that historically exceeded RRS are currently not present at concentrations above laboratory detection limits.

In accordance with the EPD-approved 2003 Revised CAP, groundwater samples have been collected and analyzed for VOCs and MNA parameters per the following schedule:

- Quarterly from December 2005 through September 2006;
- Semi-annually from March 2007 through September 2008; and
- Annually from March 2009 through March 2011 and April 2012 through April 2014.

The TCE concentrations detected during the April 2014 sampling event in the overburden and bedrock are depicted on Figures 4 and 5, respectively. In a letter dated November 20, 2014, EPD approved the elimination of monitoring wells MW-2D, MW-3, MW-4D, and MW-9 and former water supply well PW-1 from the monitoring plan. As shown in Table 1 and on Figures 4 and 5, the only regulated substance in groundwater not in compliance with the applicable RRS is TCE in monitoring wells MW-6, MW-11, MW-13 and MW-13D. Therefore, the area of concern is a low concentration TCE groundwater plume located in the immediate vicinity of monitoring wells MW-6, MW-11, MW-13 and MW-13D.

4.0 PRELIMINARY CONCEPTUAL SITE MODEL

As described in the 2002 CSR Addendum No. 2 and 2003 Revised CAP, concentrations of detected constituents in soils at the property comply with Type 1 RRS. Therefore, the conceptual site model (CSM) will address groundwater only.

4.1 Facility Geology and Hydrogeology

Site stratigraphy is presented on cross sections A-A' through C-C'. The cross section locations are shown on Figure 6 while the cross sections are presented on Figures 7 through 9.

4.1.1 Geology

As described in the June 1999 CSR, the property is located in the Southern Piedmont geologic province, within the northeast-southeast trending Kiokee Belt. The crystalline bedrock at the property consists of porphyritic or porphyroclastic granite and granitic gneiss. Feldspar and biotite mineral foliation within the gneiss is visible. Regionally, the stresses from four or more episodes of deformation have resulted in fractures, fracture zones, joint sets, and faults within the bedrock. These fractured features are generally oriented northeast-southwest with a secondary set oriented northwest-southeast. Fracture zones have been documented in two

deep wells onsite: MW-2 at a depth of 122.7 feet bgs, and PW-1 at depths between 109 to 139 feet bgs.

The overburden consists of three distinct layers of material including: 1) site operations related fill (crushed granite, railroad bed material); 2) saprolite and alluvium (mixtures of sand, silt and clay); and 3) saprolitic weathered granite. The layer of saprolitic weathered granite is found directly above the crystalline bedrock and is generally less than five feet thick. The interface between the overlying saprolite and the competent granitic bedrock is gradational in nature and is thicker in some areas of the property than in others. The unconsolidated overburden is found above this gradational interface of weathered bedrock.

The saprolite and soil varies in composition with location throughout the property and ranges in thickness from 20 to 40 feet. The saprolite and soil ranges in color and texture from orange to tan clayey to sandy silts to mixtures of red to reddish brown clay, silt, sand and gravel. The saprolite and soil appear to thicken northward toward the center of Middle Creek valley.

The site operations related fill ranges in thickness from two to 20 feet. The fill is comprised of a mixture of gravel, sand, and silt-sized particles of gray granite. In some areas the fill granite is mixed with gravel and sand. Where present, the fill thickness varies from four to 29 feet, and is generally thickest in the vicinity of monitoring wells MW-4 and MW-4D.

4.1.2 Hydrogeology

The Camak Quarry property is located within the Piedmont province of Georgia. As described in the June 1999 CSR, the hydrogeologic system in the Piedmont consists of three principal units. In descending order they are:

- the saprolite (soil and weathered bedrock);
- the slightly weathered and fractured bedrock; and,
- the crystalline bedrock with non-connected fractures.

The saprolite is derived from in-place weathering of the underlying bedrock. The saprolite at the property ranges in thickness from approximately 20 feet to 40 feet. Thicker areas of saprolite tend to occur over areas of fractured, less competent bedrock and thin over massive bedrock. The saprolite acts as a storage reservoir for infiltrated rainwater and recharges the water table.

Beneath the saprolite is a layer of slightly weathered and fractured bedrock. This unit consists of a network of hydraulically interconnected fractures that transmit groundwater. The depth of these fractures varies and the number of fractures tends to decrease with depth.

Below the layer of slightly weathered and fractured bedrock, fewer water-bearing fractures are present in deeper bedrock and are typically not connected. The areal and vertical distribution of water-bearing fractures in the deeper bedrock is limited. Hydraulic conductivity, or the rate at which water can move through an aquifer, is very low for crystalline bedrock. Additionally,

crystalline bedrock has a very low storage capacity for groundwater. Groundwater flow through fractures is typically gravity flow from downward vertical movement through the saprolite.

The groundwater table and flow direction in the Piedmont generally reflect the local surface topography. Topographic high points act as groundwater recharge areas. Groundwater then moves toward low lying areas forming streams and other surface water bodies.

4.2 Groundwater Flow

The water level measurements collected in overburden wells on April 21, 2014, provided in Table 2, were used to develop a potentiometric surface map. As shown on Figure 10, groundwater mimics surface topography and flows toward the ponded Middle Creek. Therefore, the groundwater north of Middle Creek tends to flow southeasterly toward Middle Creek and the groundwater south of Middle Creek tends to flow northwesterly toward Middle Creek.

4.3 Hydraulic Conductivity

Hydraulic conductivity tests were conducted on four wells in 1999 located in the Camak Quarry. Results of these tests, originally presented in the 1999 CSR and revised in the 2000 Addendum to CSR, are summarized below:

Well	Test Type	Hydraulic Conductivity (K)
MW-1	Falling Head	3.71×10^{-4} cm/s (1.05 ft/day)
MW-1	Rising Head	2.67×10^{-4} cm/s (0.76 ft/day)
MW-2	Falling Head	5.15×10^{-4} cm/s (1.46 ft/day)
MW-2	Rising Head	7.81×10^{-4} cm/s (2.22 ft/day)
MW-4	Falling Head	1.24×10^{-3} cm/s (3.53 ft/day)
MW-4	Rising Head	2.87×10^{-3} cm/s (8.14 ft/day)
MW-5	Falling Head	1.30×10^{-4} cm/s (0.37 ft/day)
MW-5	Rising Head	4.61×10^{-4} cm/s (1.31 ft/day)

Based on these values, the calculated geometric mean for overburden hydraulic conductivity (K) is 5.51×10^{-4} centimeters per second (cm/s) or 1.56 feet/day. The groundwater velocity was calculated using this hydraulic conductivity value, an estimated effective porosity of 20 percent, and a horizontal hydraulic gradient based on the April 2014 groundwater elevation data. Groundwater flow velocity in the overburden is estimated to be 9 feet/year.

4.4 Extent of Groundwater Impacts

The impacted groundwater at the site is present primarily in the upper, unconfined surficial aquifer at a depth of no more than approximately 20 feet. The delineation criteria (Type 1 RRS) for regulated substances documented in groundwater are shown on Table 1. Based on the delineation criteria, the horizontal extent of surficial groundwater contamination is shown on

Figure 4. TCE was detected at concentrations in excess of the RRS at monitoring wells MW-6, MW-11, MW-13, and MW-13D.

Low levels of TCE have also been documented in two bedrock wells, MW-13D and PW-1, which are located in close proximity to the impacted upper, unconfined aquifer wells. Monitoring well MW-13D is screened in the relatively shallow portion of the fractured bedrock from 33 to 38 feet bgs. The TCE is likely a result of downward migration from the upper, unconfined aquifer. Former public supply well PW-01 is an open hole well from 40-600 feet bgs. Monitoring well MW-1 is located between PW-1 and MW-13D and is screened at a depth of 33.5 to 43.5 feet bgs. There have been no detections of regulated substances above laboratory detection limits at MW-1 since the April 2012 sampling event. Therefore, monitoring well MW-1 defines the vertical extent of regulated substances in groundwater, as shown on Cross Section C-C' (Figure 9).

4.5 Identification of Potential Receptors

The Camak Quarry is located in a remote industrial area of Thomson in Warren County, Georgia. The property is zoned commercial-industrial and there are no residences on or in the vicinity of the quarry proper. The Camak Quarry is generally bound by woodlands to the west, north, east, and south.

4.5.1 Human Receptors

No water supply wells exist within a one-mile radius of the property (June 1999 CSR), with the exception of the "Old Camp Well" (OCW), located 1,600 feet west of PW-1 and west of Middle Creek (Figure 2). The Old Camp Well is the current water supply well for the Camak Quarry. The Old Camp Well was constructed in 1955. No drilling or well construction logs for this well were available for review. However, according to information provided by MMA in the February 2, 1996, Public Water System Permit Application, the well casing is constructed of stainless steel to a total depth of 273 feet with the depth of the pump set at 231 feet bgs.

Former water supply well PW-1 was removed from use in 1995 and alternative water supplies were activated. These initially included the use of bottled water and then subsequently, re-activation of the Old Camp Well in February 1996.

There is currently no onsite use of shallow groundwater at Camak Quarry for drinking by workers and there are no enclosed structures that workers occupy overlying the groundwater contaminant plume in which vapors could accumulate. Therefore, there are no points of exposure for site workers.

Under future site conditions, it is possible that construction work may need to be performed within the area of the groundwater contaminant plume involving subsurface excavation. However, exposure under this scenario would be of short duration, very infrequent, and would be addressed by MMM under an activity-specific health and safety plan for excavation. No such

construction is currently planned by MMM in the area of contaminated groundwater. Therefore, this potential future receptor is eliminated.

4.5.2 Ecological Receptors

Releases at the property are confined to groundwater. Due to the high level of industrial activities conducted at the quarry, no special concern animal or plant species are believed to be present, as described in the 2002 CSR Addendum No. 2.

4.5.3 Surface Water

The quarry and its operation are located within the Savannah River Basin within the watershed of the Middle Creek and Childers Creek tributaries. As part of the 1999 CSR, surface water sampling of Middle Creek began to evaluate potential surface water impacts. Results of laboratory analyses of surface water samples have not documented groundwater contaminant concentrations above reporting limits. The analytical results of surface water sampling conducted in 2014 is provided in Table 1 and historical surface water sample results are summarized in Appendix D.

Additionally, based on the TCE flux calculation presented in Appendix G of the 1999 CSR, no surface water impacts were projected. The TCE flux calculation was based on an influx of contaminated groundwater with a TCE concentration of 1.4 mg/L (highest concentration detected in 1999). The current highest TCE concentration detected at the site is 0.09 mg/L. Therefore, the site does not pose a threat to potential human or ecological receptors via contact with the surface water.

5.0 REMEDIATION PLAN

Soils at the property comply with Type 1 residential RRS. Therefore, corrective action for soils is not required. TCE and cis-1,2-DCE are the two regulated substances currently present in groundwater at concentrations that meet Type 1 groundwater RRS. Only TCE is present in groundwater at concentrations in excess of the RRS for groundwater. Proposed groundwater corrective action for the property includes institutional controls, groundwater modeling, and if required, groundwater monitoring. The following sections describe the activities planned to bring the property into compliance with applicable cleanup standards.

5.1 Restrictive Covenant

Institutional controls will be used to eliminate possible groundwater exposure pathways. MMM will execute a covenant that restricts the use of surficial groundwater in impacted areas to non-potable uses only. The covenant will be executed in conformance with Georgia's Uniform Environmental Covenants Act (O.C.G.A. § 44-16-1).

5.2 Groundwater Model

Groundwater modeling will be conducted to verify the extent and stability of the groundwater contaminant plume and to select the appropriate downgradient point of exposure for comparison to applicable cleanup standards. Groundwater modeling will be conducted using the existing site data. Results of the groundwater modeling will be submitted in a CSR Update.

5.3 Groundwater Monitoring

The next groundwater sampling event is scheduled for April 2015. Based on the CSM and 2014 groundwater results, cessation of groundwater monitoring is recommended.

However, if results of the model indicate the need, annual sampling will be reinstituted. If annual sampling is required, groundwater samples will be collected from monitoring wells MW-6, MW-11, MW-13, and MW-13D. Samples will be analyzed for TCE and its degradation products only. Water level measurements will be collected from the monitoring wells during the groundwater monitoring event. This data will be incorporated into the groundwater model. Additionally, a potentiometric surface map will be generated to confirm flow direction and rate. Groundwater sampling will be conducted in general accordance with the United States Environmental Protection Agency (USEPA) Region 4 Science and Ecosystem Support Division (SESD) Operating Procedure (OP) for Groundwater Sampling (SESDPROC-301-R3), dated March 6, 2013.

5.4 Conclusion of Corrective Action

If groundwater modeling indicates that no exposure pathways exist and proper institutional controls are in place, the corrective action portion of this VIRP will be considered complete for the property. Upon completion of corrective action, a CSR Update will be prepared confirming consistency of the corrective action with the provisions, purposes, standards, and policies of the VRPA and certifying compliance of groundwater at the property with the applicable cleanup standards.

6.0 REPORTING

Progress reports will be submitted semi-annually to EPD until corrective action is complete. A CSR Update will then be prepared for submittal to EPD. The CSR Update will document the completion of the corrective action specified in this VIRP and will certify that groundwater concentrations are in compliance with applicable cleanup standards.

7.0 SCHEDULE

A project schedule for activities described in this VIRP is provided in Table 3. Groundwater modeling is scheduled for April 2015. However, the actual date for the start of work outlined in the schedule will depend upon EPD approval of this VIRP. The schedule will be updated to reflect the actual approval date.

8.0 REFERENCES

HLA, 1999, Compliance Status Report, Martin Marietta Aggregates, Camak Quarry-HSI Site No. 10409, Thomson, Georgia, Harding Lawson Associates, June 30, 1999.

AquaFusion, Inc., 2000, Addendum to CSR and Response to GA EPD Review Comments, Camak Quarry Site, HSI No. 10409, November 2000.

AquaFusion, Inc., 2002, Compliance Status Report Addendum No. 2, Camak Quarry Site, Thomson, Georgia, HSI Site No. 10409, October 9, 2002.

AquaFusion, Inc., 2002, Corrective Action Plan (CAP), Camak Quarry Site, Thomson, Georgia, HSI Site No. 10409, December 9, 2002.

AquaFusion, Inc., 2003, Revised Compliance Status Report Addendum No. 2, Camak Quarry Site, Thomson, Georgia, HSI Site No. 10409, September 2003.

AquaFusion, Inc., 2003, Revised CAP and Response to Comments, Camak Quarry Site, Thomson, Georgia, HSI Site No. 10409, September 2003.

AquaFusion, Inc., 2014, April 2014 Annual Monitoring Report for Groundwater Remediation, Camak Quarry Site, Thomson, Georgia, HSI Site No. 10409, July 2014.

TABLES

Table 1. Summary of 2014 Groundwater and Surface Water Analytical Results with Delineation Criteria

Groundwater		Regulated Substance (mg/L)				
		1,1-DCE	**cis-1,2-DCE**	**trans-1,2-DCE**	**TCE**	**Vinyl chloride**
Delineation Criteria (mg/L)		0.007	0.07	0.1	0.005	0.002
Type 4 RRS (mg/L)		0.524	0.204	0.161	0.00524	0.00327
Well ID	**Sample Date**					
PW-1 @ 110'	4/22/14	<0.001	<0.001	<0.001	**0.0018**	<0.001
MW-1	4/21/14	<0.001	<0.001	<0.001	<0.001	<0.001
MW-6	4/21/14	<0.001	**0.0029**	<0.001	**0.09**	<0.001
MW-11	4/21/14	<0.001	**0.0018**	<0.001	**0.061**	<0.001
MW-12	4/21/14	<0.001	**0.011**	**0.0016**	**0.0026**	<0.001
MW-13	4/21/14	<0.001	**0.028**	**0.0042**	**0.051**	<0.001
	6/12/14	<0.001	**0.032**	**0.0048**	**0.048**	<0.001
MW-13D	4/21/14	<0.001	**0.025**	**0.0042**	**0.022**	<0.001
MW-14	4/22/14	<0.001	**0.0022**	<0.001	<0.001	<0.001

Surface Water		Regulated Substance (mg/L)				
		1,1-DCE	**cis-1,2-DCE**	**trans-1,2-DCE**	**TCE**	**Vinyl chloride**
Sample Location	**Sample Date**					
SW-3/SW-6	4/22/14	<0.001	<0.001	<0.001	<0.001	<0.001

Source: AquaFusion, July 2014

1. Bold indicates regulated substance concentration above laboratory detection limit.
2. Grey shading indicates regulated substance concentration above the Type 4 RRS.

Table 2. Groundwater Elevations, April 2014

Well ID	Ground Surface Elev. (ft-amsl)	TOC Elev. (ft-amsl)	DTW (ft bTOC)	Groundwater Elev. (ft-msl)
OCW	477.37	478.67	NM	NM
PW-01	414.12	417.21	19.67	397.54
MW-1	411.28	415.74	9.77	405.97
MW-2	420.14	424.27	19.01	405.26
MW-2D	422.70	425.70	29.20	396.50
MW-3	419.63	421.73	15.54	406.19
MW-4	415.59	417.81	8.99	408.82
MW-4D	415.77	418.91	23.70	395.21
MW-5	423.80	423.80	NM	NM
MW-6	408.05	410.06	casing broken	casing broken
MW-7R	407.31	410.42	4.43	405.99
MW-9	417.26	420.51	14.91	405.60
MW-10	413.39	416.43	11.87	404.56
MW-11	409.76	412.85	7.44	405.41
MW-12	407.28	409.98	4.66	405.32
MW-13	408.47	411.03	5.56	405.47
MW-13D	408.03	412.79	7.46	405.33
MW-14	407.42	410.17	4.81	405.36

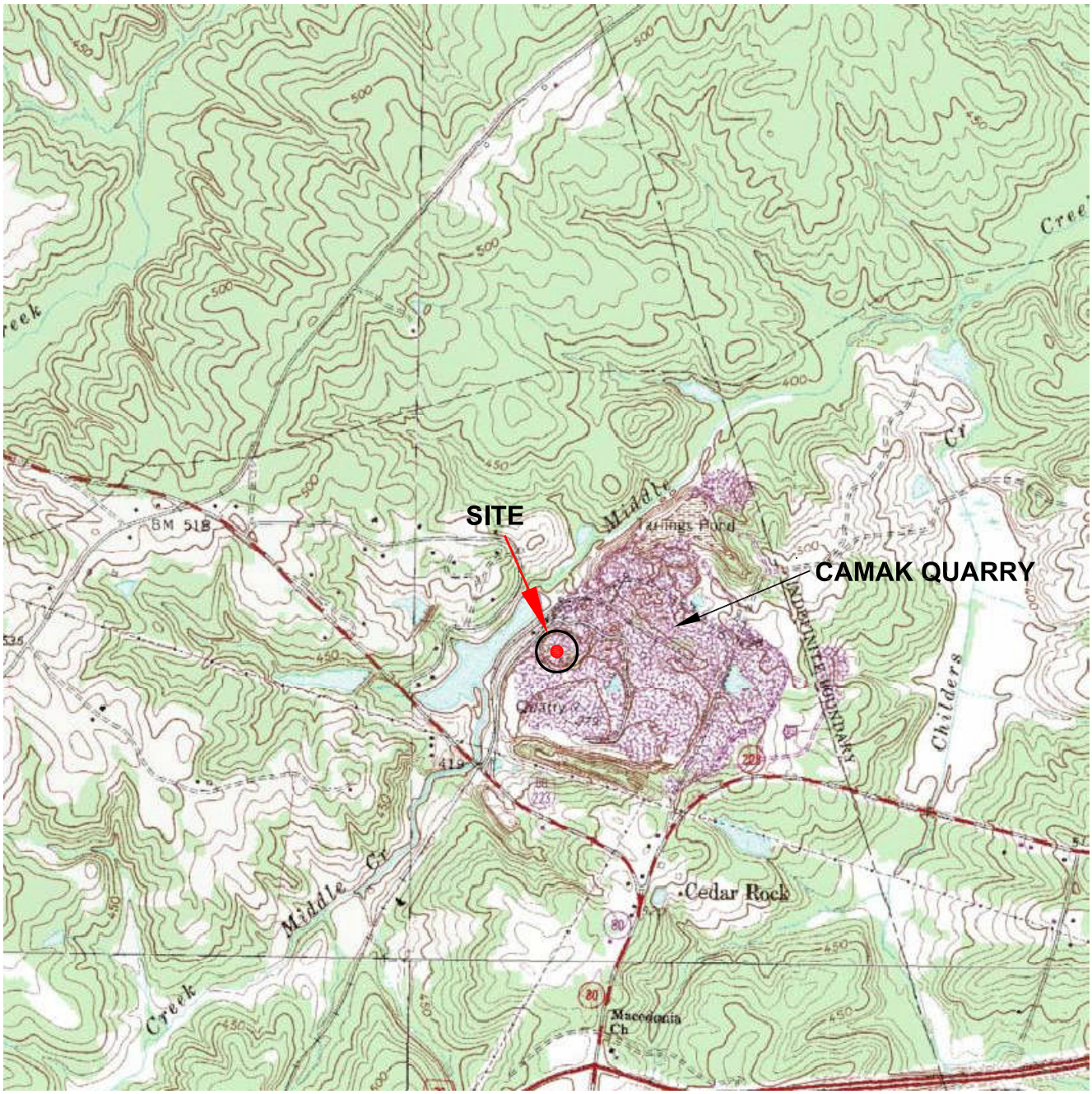
Source: AquaFusion, July 2014

1. OCW = Old Camp Well (active supply well)
2. NM = Not measured.
3. MW-6: Well casing is broken near ground surface and measuring point is mising.

Table 3. Projected Milestone Schedule

Date	Activity
April 2015	Groundwater Modeling
September 2015	Compliance Status Report Update

FIGURES



SOURCE: USGS 7.5 MINUTE QUAD. SERIES
WRIGHTSBORO, GEORGIA.
MAP SOURCE YEAR: 1987, PLSS TOWNSHIP: T.R

SCALE IN FEET

0 2000 4000

MARTIN
MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI #10409

PROJECT NO. 02.20140330

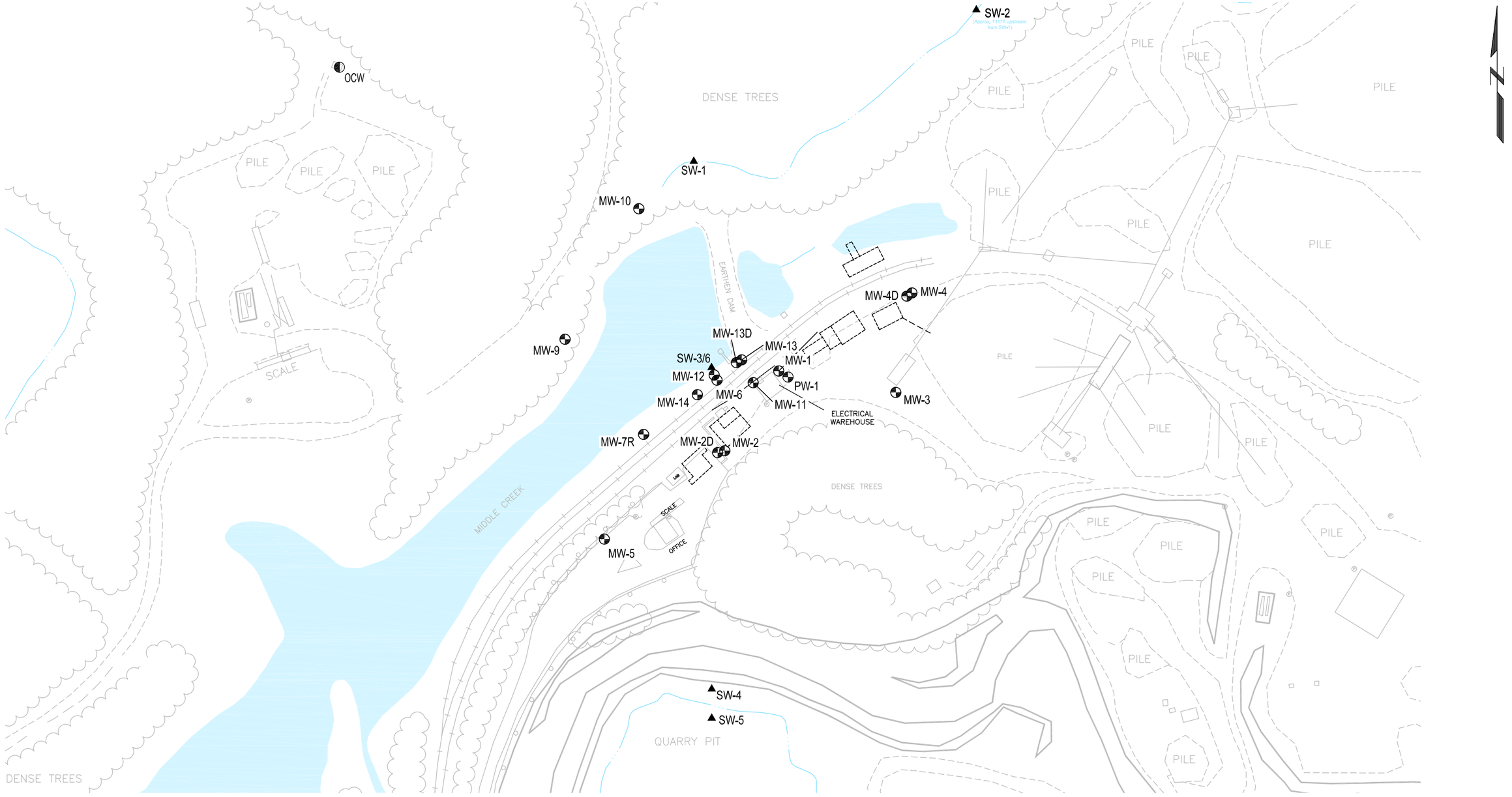
EARTHCON®

EarthCon Consultants, Inc.
1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

SITE LOCATION

DRAWN:	CHECKED:	DATE:	FIGURE:
ED	RJT	1/29/2015	1

FILENAME: 02.20140330 - site loc map.dwg



LEGEND

- MONITORING WELL LOCATION
- SURFACE WATER SAMPLE LOCATION
- WATER SUPPLY WELL
- BUILDING
- PILE — MATERIAL PILE
- CONTOUR LINE
- GUARD RAIL
- TRAIL
- DIRT ROAD
- PAVED ROAD
- RAILROAD TRACKS
- TREES
- WATER

SCALE IN FEET

0 200 400

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI #10409

PROJECT NO. 02.20140330

EARTHCON®

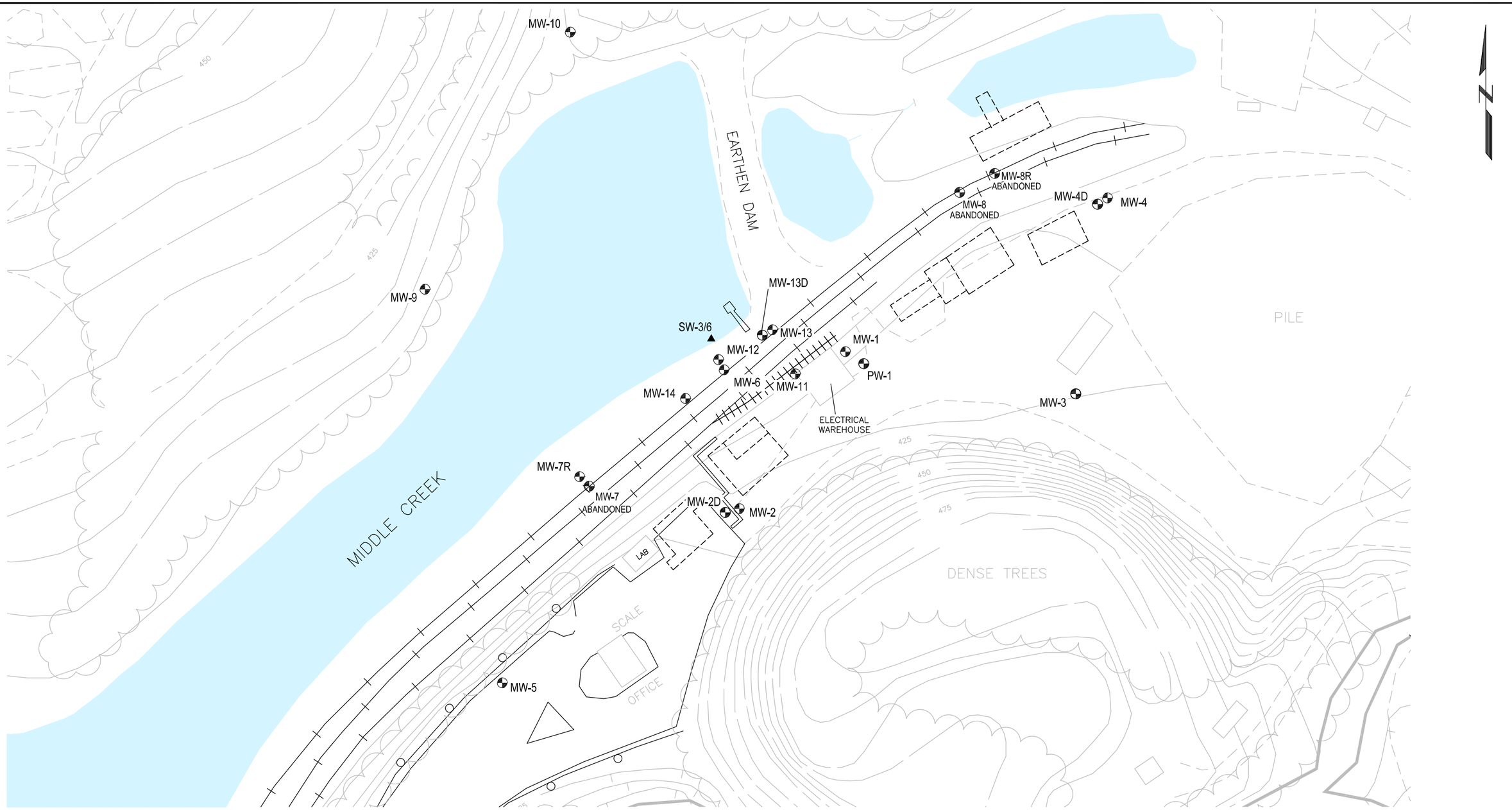
EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

FACILITY LAYOUT MAP

DRAWN:	CHECKED:	DATE:	FIGURE:
ED	RJT	1/30/2015	2

FILENAME: 02.20140330-facility layout.dwg



SCALE IN FEET

0 100 200

LEGEND

- MONITORING WELL LOCATION
- SURFACE WATER SAMPLE LOCATION
- WATER SUPPLY WELL
- BUILDING
- MATERIAL PILE
- CONTOUR LINE
- RAILROAD TRACKS
- TREES

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI #10409

PROJECT NO. 02.20140330

EARTHCON®

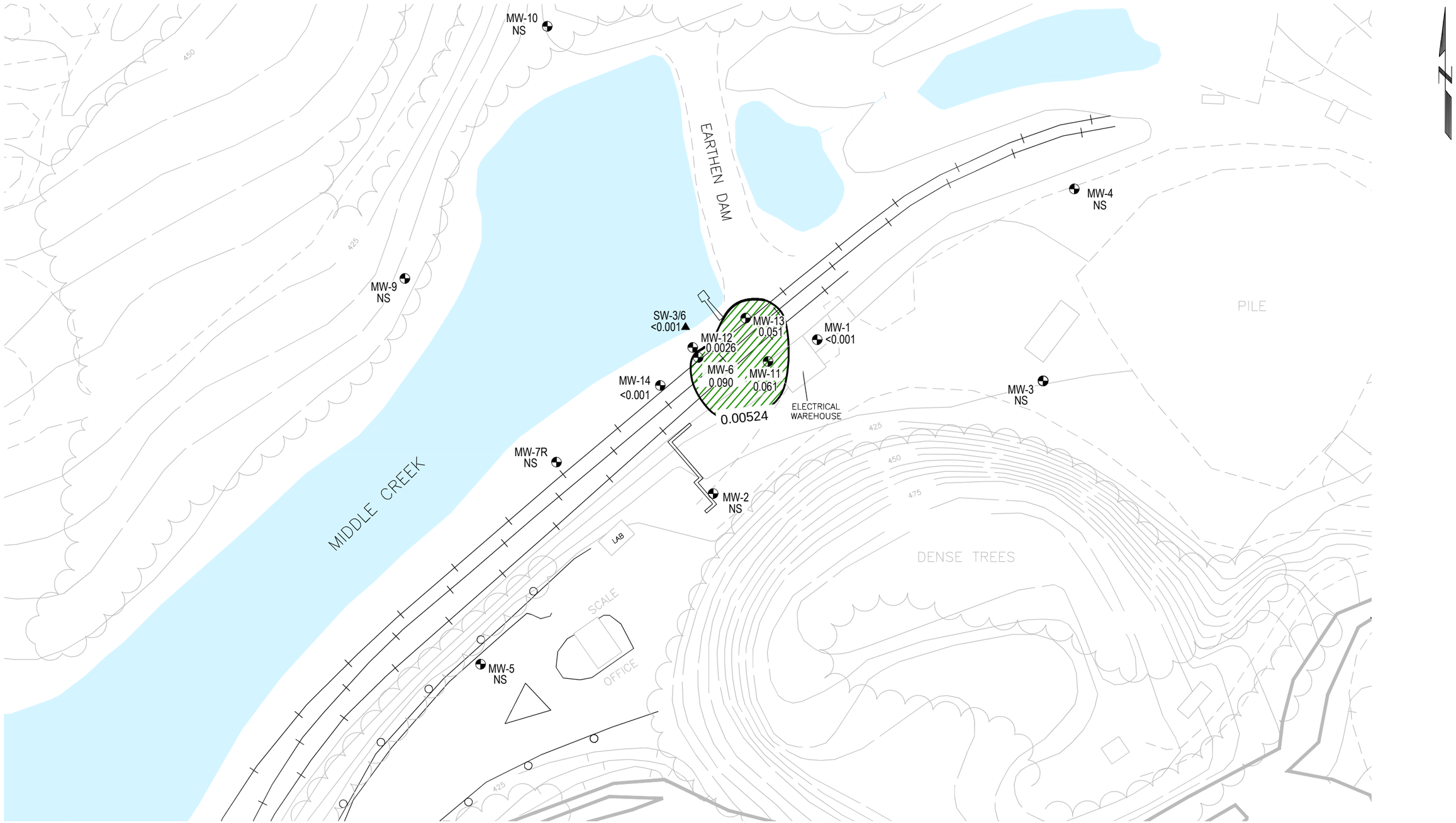
EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

SITE LAYOUT

DRAWN:	CHECKED:	DATE:	FIGURE:
ED	RJT	1/30/2015	3

FILENAME: 02.20140330 - Layout-data figs.dwg



LEGEND

◓	MONITORING WELL LOCATION
▲	SURFACE WATER SAMPLE LOCATION
0.051	CONCENTRATION UNITS = mg/L
NS	NOT SAMPLED IN 2014

SCALE IN FEET

0 100 200

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI #10409

PROJECT NO. 02.20140330

EARTHCON®

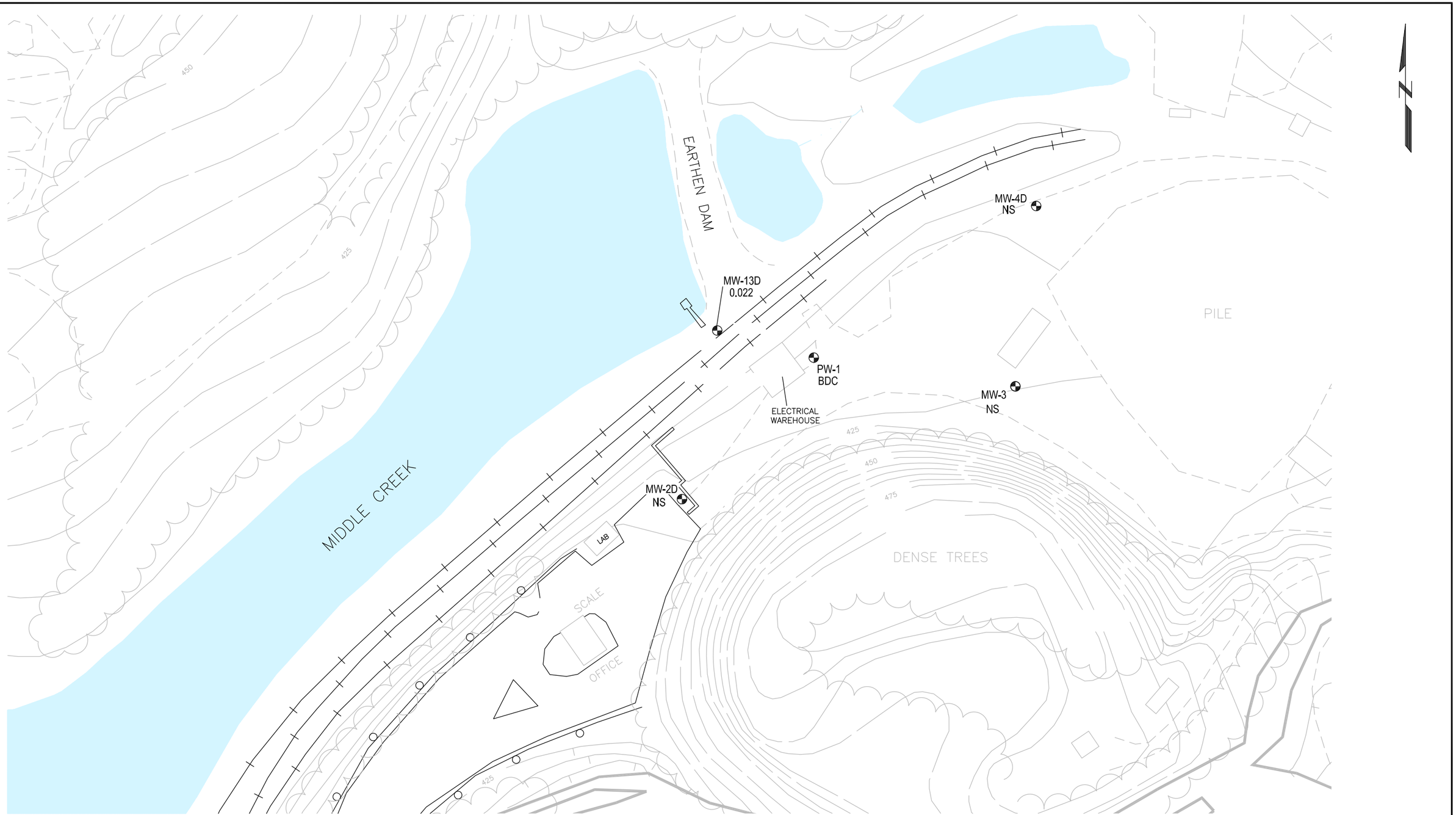
EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

TCE CONCENTRATIONS IN OVERBURDEN APRIL 2014

DRAWN:	CHECKED:	DATE:	FIGURE:
ED	RJT	1/30/2015	4

FILENAME: (02.20140330 - layout-data figs.dwg



LEGEND

◓	MONITORING WELL LOCATION
▲	SURFACE WATER SAMPLE LOCATION
0.033	CONCENTRATION UNITS = mg/L
NS	NOT SAMPLED IN 2014
BDC	BELOW DELINEATION CRITERIA

SCALE IN FEET

0 100 200

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI #10409

PROJECT NO. 02.20140330

EARTHCON®

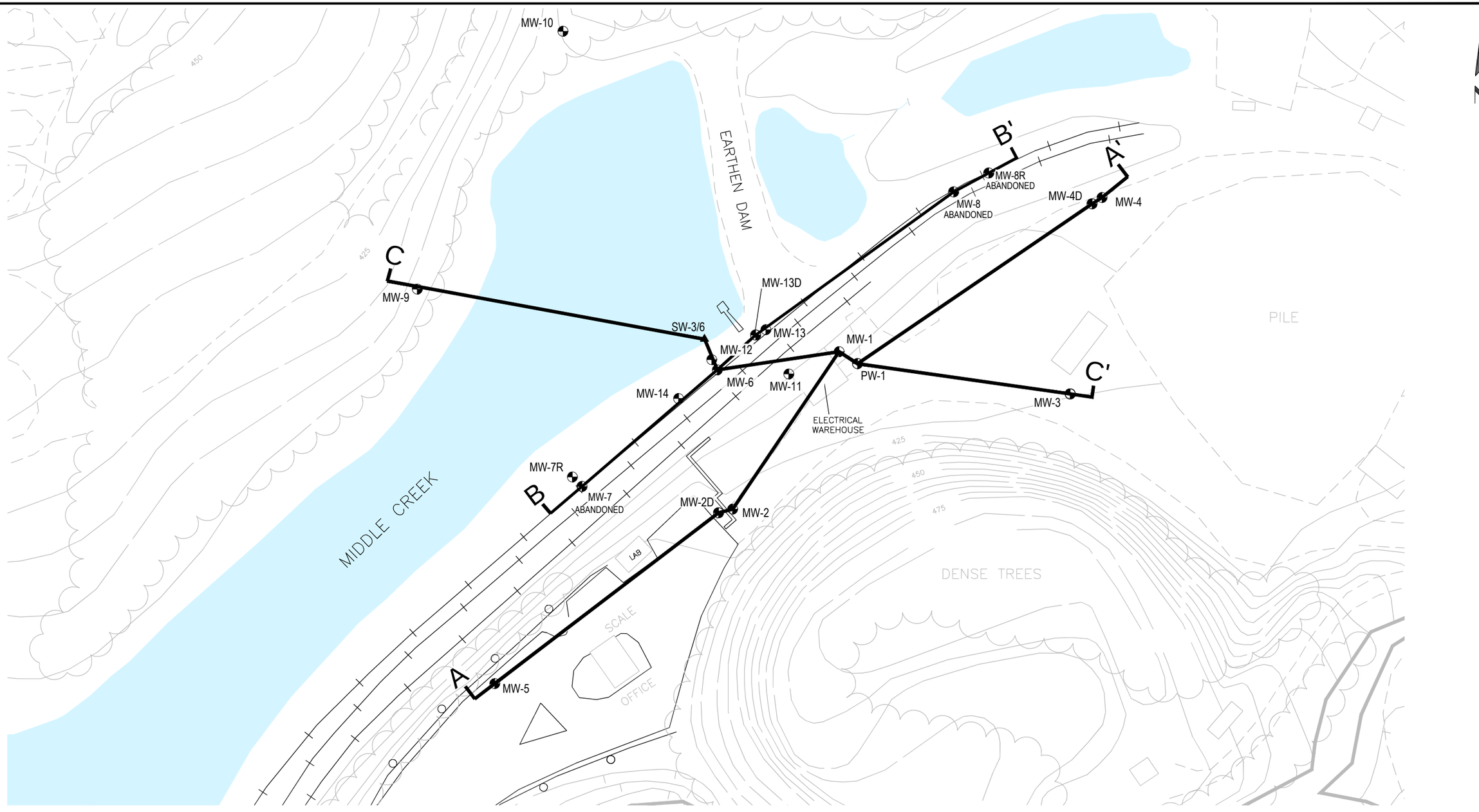
EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

TCE CONCENTRATIONS IN BEDROCK APRIL 2014

DRAWN:	CHECKED:	DATE:	FIGURE:
ED	RJT	1/30/2015	5

FILENAME: 02.20140330 - layout-data figs.dwg



LEGEND

A A' CROSS-SECTION LOCATION

SURFACE WATER SAMPLE LOCATION

MONITORING WELL LOCATION

SCALE IN FEET

0 100 200

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI #10409

PROJECT NO. 02.20140330

EARTHCON®

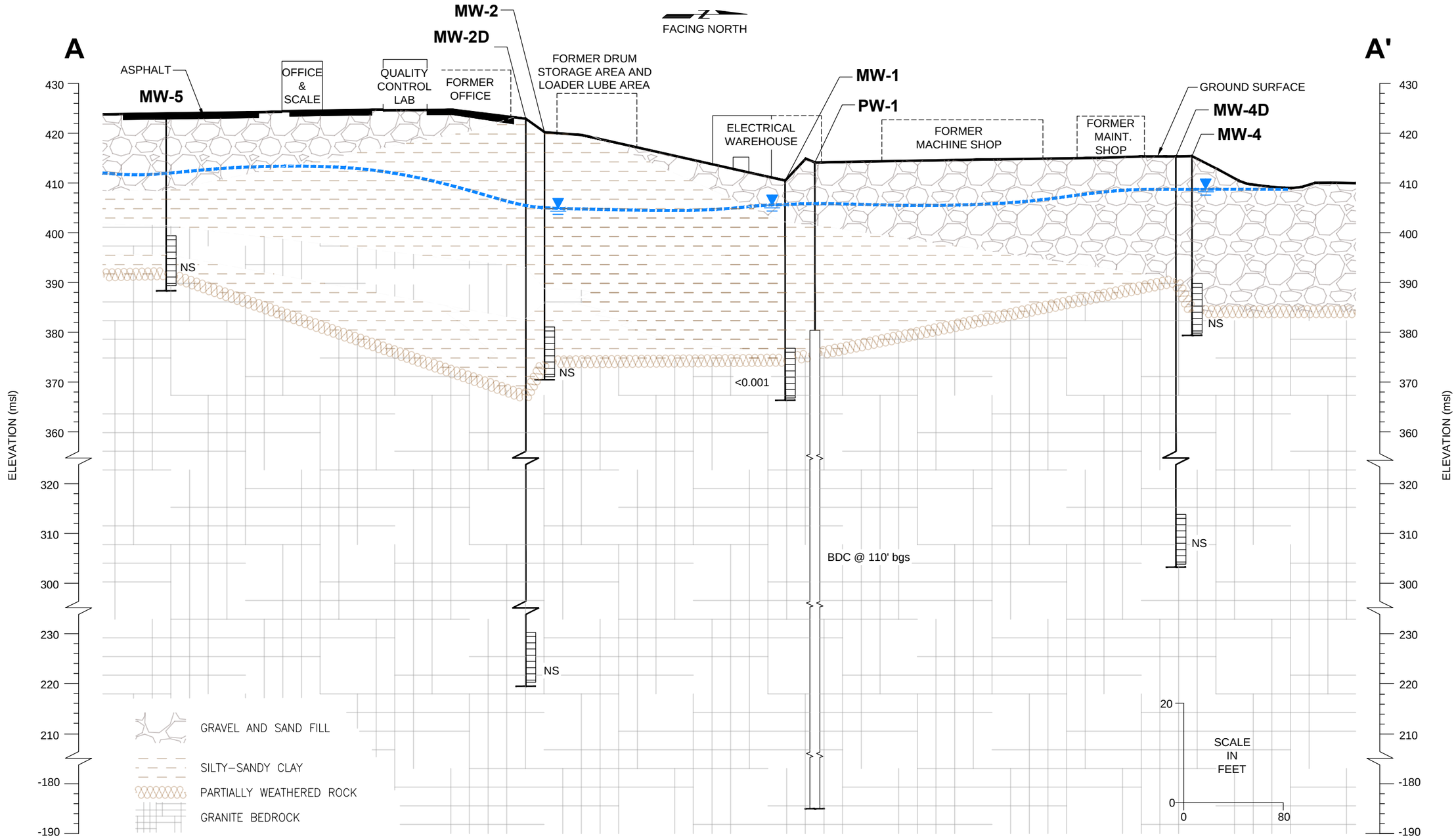
EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

CROSS-SECTION LOCATION MAP

DRAWN:	CHECKED:	DATE:	FIGURE:
ED	RJT	1/30/2015	6

FILENAME: 02.20140330 - layout-data figs.dwg



LEGEND

– SCREEN

– OPEN HOLE CASING

<0.001 – TCE CONCENTRATION IN mg/L IN APRIL 2014

– GROUNDWATER LEVEL IN SURFICIAL AQUIFER

BDC – BELOW DELINEATION CRITERIA

msl – MEAN SEA LEVEL

NS – NOT SAMPLED IN APRIL 2014

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI# 10409

PROJECT NO. 02.20140330

EARTHCON®

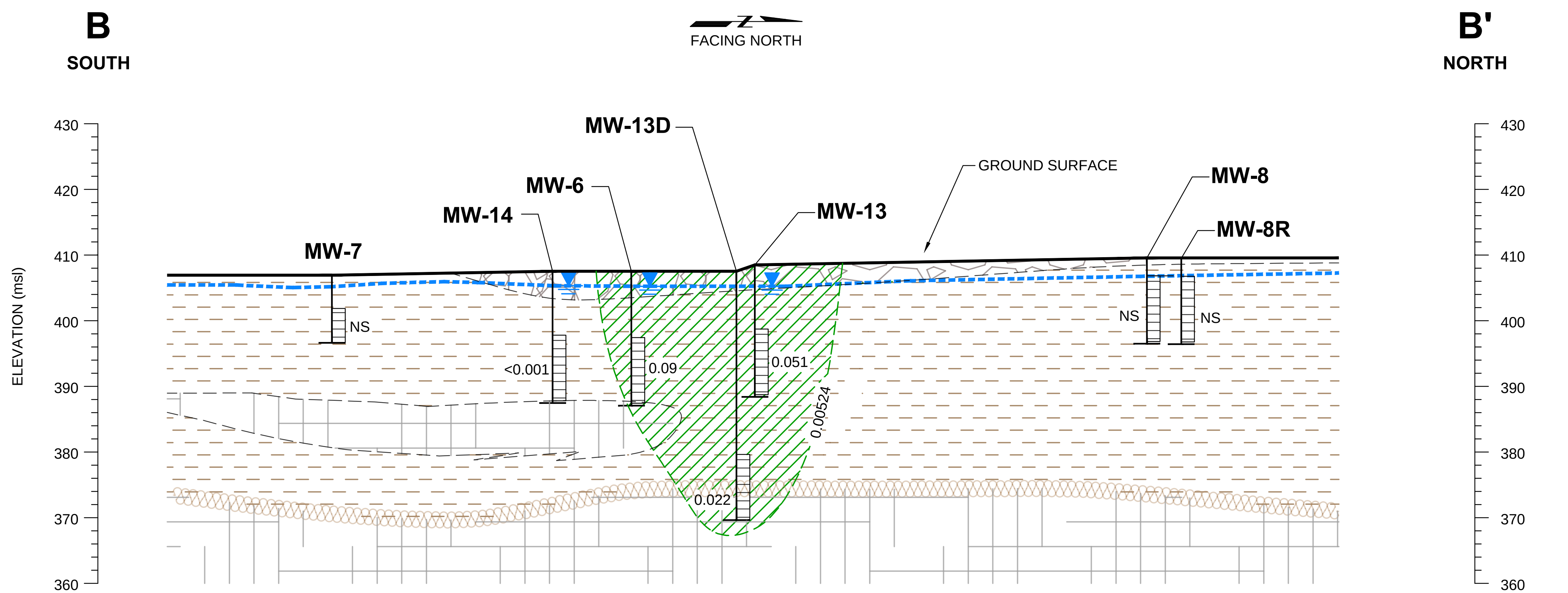
EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

CROSS-SECTION A-A'

DRAWN:	CHECKED:	DATE:	FIGURE:
SSW	RJT	1/23/2015	7

FILENAME: U:\...\CAMAK - XSEC B-B.dwg



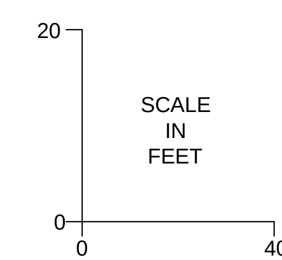
TCE PLUME

GRAVEL AND SAND FILL

SILTY–SANDY CLAY

PARTIALLY WEATHERED ROCK

GRANITE BEDROCK



LEGEND

– SCREEN

<0.001 – TCE CONCENTRATION IN mg/L IN APRIL 2014

– GROUNDWATER LEVEL IN SURFICIAL AQUIFER

BDC – BELOW DELINEATION CRITERIA

msl – MEAN SEA LEVEL

NS – NOT SAMPLED IN APRIL 2014

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI# 10409

PROJECT NO. 02.20140330

EARTHCON®

EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

CROSS-SECTION B-B'

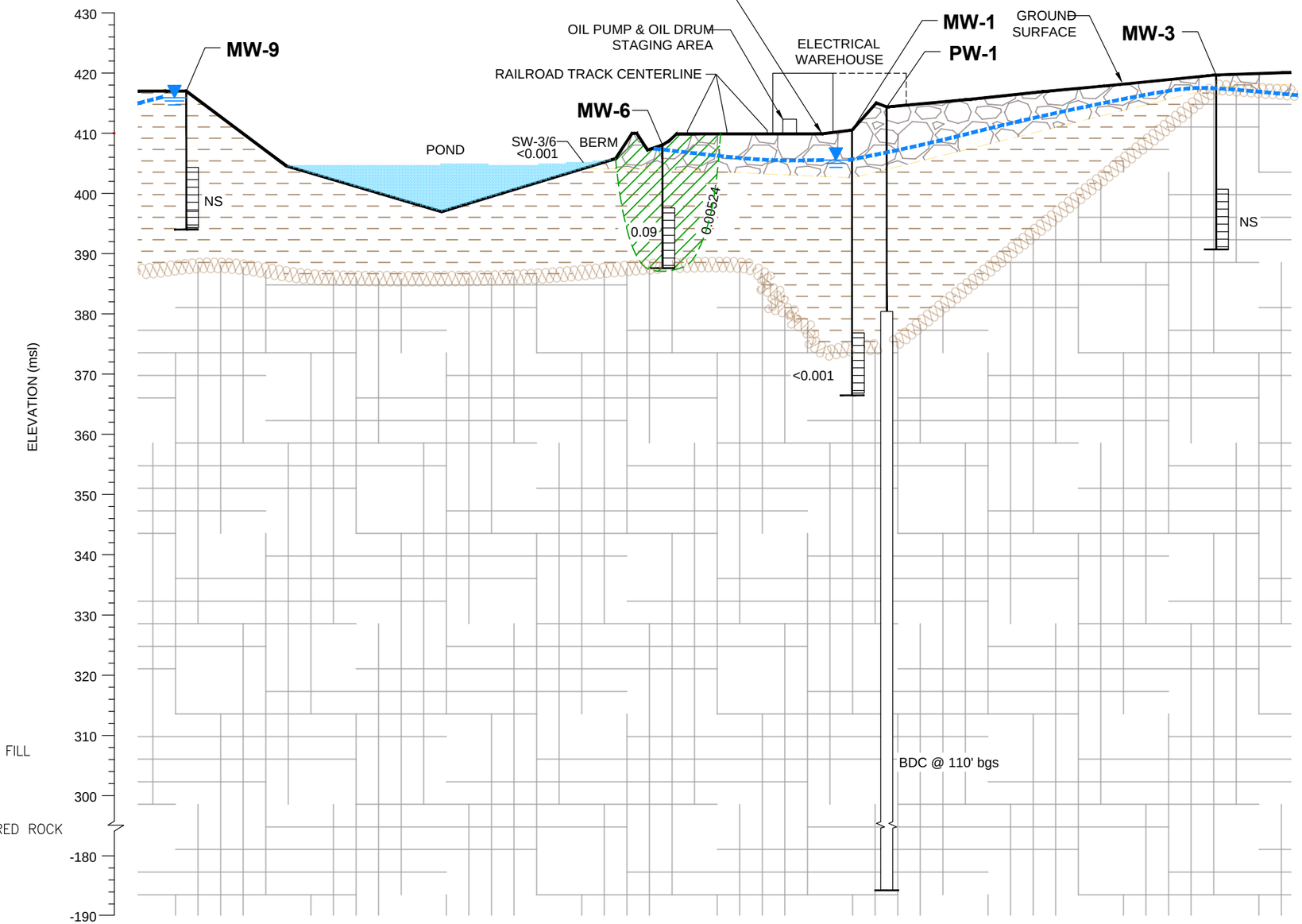
DRAWN: SSW	CHECKED: RJT	DATE: 1/23/2015	FIGURE: 8

C

WEST

C'

EAST



TCE PLUME

GRAVEL AND SAND FILL

SILTY–SANDY CLAY

PARTIALLY WEATHERED ROCK

GRANITE BEDROCK

SCALE IN FEET

20

0

0

80

LEGEND

– SCREEN

– OPEN HOLE CASING

<0.001 – TCE CONCENTRATION IN mg/L IN APRIL 2014

– GROUNDWATER LEVEL IN SURFICIAL AQUIFER

BDC – BELOW DELINEATION CRITERIA

msl – MEAN SEA LEVEL

NS – NOT SAMPLED IN APRIL 2014

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI# 10409

PROJECT NO. 02.20140330

EARTHCON®

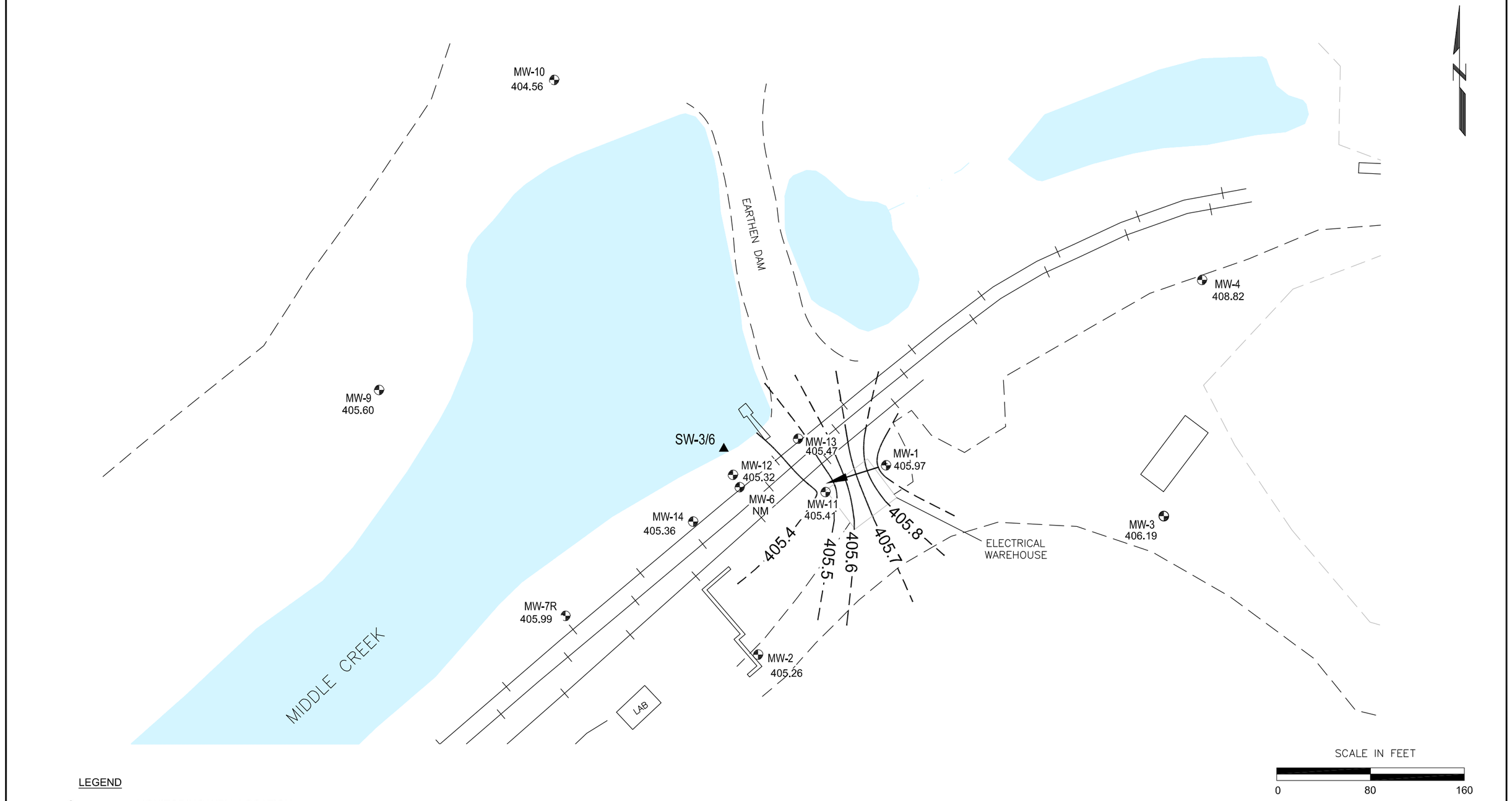
EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

CROSS-SECTION C-C'

DRAWN:	CHECKED:	DATE:	FIGURE:
SSW	RJT	1/23/2015	9

FILE NAME: \\GA01\HOU\20 - XSEC C-C'.DWG



LEGEND

- MONITORING WELL LOCATION
- SURFACE WATER SAMPLE LOCATION
- —405.2— INFERRED GROUNDWATER ELEVATION CONTOUR (ft)
- 397.54 GROUND WATER ELEVATION
- NM NOT MEASURED
- APPROXIMATE DIRECTION OF FLOW

MARTIN MARIETTA MATERIALS, INC.

CAMAK QUARRY, HSI #10409

PROJECT NO. 02.20140330

EARTHCON®

EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

POTENTIOMETRIC SURFACE IN OVERBURDEN APRIL 2014

DRAWN:	CHECKED:	DATE:	FIGURE:
ED	RJT	1/30/2015	10

FILENAME: 02.20140330 - potmap 2014.dwg

APPENDICES

Appendix A
VIRP Application Form and Checklist

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION					
COMPANY NAME	MARTIN MARIETTA MATERIALS				
CONTACT PERSON/TITLE	OCTAVAIS WALTON				
ADDRESS	3325 PADDOCKS PKWY, STE 350, SUWANEE, GA 30024				
PHONE	678-965-8581	**FAX**	678-965-8556	**E-MAIL**	octavais.walton@martinmarietta.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	CAROL D. NORTHERN			**GA PE/PG NUMBER**	P.G. REGISTRATION NO. 793
COMPANY	EARTHCON CONSULTANTS, INC.				
ADDRESS	1880 WEST OAK PARKWAY, BUILDING 100, SUITE 106, MARIETTA, GA 30062				
PHONE	770-973-2100	**FAX**	770-973-7395	**E-MAIL**	cnorthern@earthcon.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

(1) The property must have a release of regulated substances into the environment;
(2) The property shall not be:
- (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
- (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
- (C) A facility required to have a permit under Code Section 12-8-66.

(3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
(4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:
- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE			
APPLICANT'S NAME/TITLE (PRINT)	Octavais Walton	**DATE** 4/27/15	

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	10409	Date HSI Site listed	FEBRUARY 29, 1996
HSI Facility Name	MARTIN MARIETTA AGGREGATES CAMAK QUARRY	NAICS CODE	212313
PROPERTY INFORMATION			
TAX PARCEL ID	057 001	PROPERTY SIZE (ACRES)	417
PROPERTY ADDRESS	4236 WASHINGTON HIGHWAY NE		
CITY	THOMSON	COUNTY	WARREN
STATE	GEORGIA	ZIPCODE	30824
LATITUDE (decimal format)	33.506691°	LONGITUDE (decimal format)	-82.622051°
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	MARTIN MARIETTA MATERIALS	PHONE #	678-965-8581
MAILING ADDRESS	3325 PADDOCKS PKWY, STE 350		
CITY	SUWANEE	STATE/ZIPCODE	GEORGIA/30024

ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	**$5,000 APPLICATION FEE** IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	**04-08-2015; Check # 01583545**	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	**Appendix B**	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	**Appendix C**	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	**Inside report cover**	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a **PROJECTED MILESTONE SCHEDULE** for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan	**Section 3.0 to 5.0 (pages 2 to 8), Tables 1, 2, & 3, Figures 4 through 10**	

	during the preceding period. A Gantt chart format is preferred for the milestone schedule. The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	CSR Add. No. 2, dated Oct. 9, 2002; Sec. 3.0, Figures 4, 5, & 8	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	N/A; release is limited to Property	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	Figures 6 through 9; pending	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	Pending	
6.	**SIGNED AND SEALED PE/PG CERTIFICATION** AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Carol D. Northern PG 793 — Printed Name and GA PE/PG Number 4/30/15 — Date Carol Northern — Signature and Stamp		

Appendix B
Warranty Deed

DEED BOOK 76 Page 667
11-04-1970, McDuffie County

DEED BOOK 4B Page 27
10-02-1970
Warren County

STATE OF SOUTH CAROLINA

COUNTY OF LEXINGTON

THIS INDENTURE, Made this 15th day of September, in the year of our Lord One Thousand, Nine Hundred and Seventy, between THE WESTON & BROOKER COMPANY, a corporation organized under the laws of the State of South Caroline, with its principal office in Lexington County, South Carolina, and domesticated in Warren County, Georgia under the laws of the State of Georgia, acting by and through its properly authorized officers, party of the first part and MARTIN MARIETTA CORPORATION, a corporation organized under the laws of the State of Maryland, party of the second part, witnesseth as follows:

The said party of the first part, THE WESTON & BROOKER COMPANY, for and in consideration of the sum of Five ($5.00) Dollars and other valuable consideration, in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, and conveyed, and by these presents does grant, bargain, sell and convey unto the said party of the second part, MARTIN MARIETTA CORPORATION, its successors and assigns, the following tracts of land, to-wit:

All that tract or parcel of land lying and being partly in the 155th District, G. M., of Warren County, Georgia, and partly in the 274th District of G.M., McDuffie County, Georgia, situated about four (4) miles North of the Main Line of the Georgia Railroad on the waters of Middle Creek, containing six hundred forty-eight and fifty seven one-hundredths (648.57) acres, more or less, and bounded as follows: On the North by land of Mrs. Laura Johnson and Joe M. Johnson, land of W. R. Duckworth and land of Paul A. Bowden; on the east by land of Paul A. Bowden, land of R. E. Knox and land of Boyd Beston; on the South by land of Boyd Bason, lands of J. C. and E. U. Reese and lands of J. O. Reese; and on the West by land of J. O. Reese and lands of Robert I. Waller and James M. Waller. Said tract is more particularly described as follows: The Northwestern corner of said tract being in the center of certain roadway eighteen and 5/10 (18.5') feet west of an iron and rock and from said iron and rock running North eighty-nine degrees fifty minutes (89° 50') East for a distance of four thousand three hundred sixty-eight and 5/10 (4368.5') feet along property of Johnson, to an iron; thence, running and turning North forty-six degrees twenty-five minutes (46°25') East for a distance of seven hundred forty-nine (749') feet along property of Johnson to an iron; thence turning and running South forty-one degrees 00' (41°00') East for a distance of

three hundred ninety (390') feet along property of Johnson, thence turning and running in a Northeasterly direction for a distance of seven hundred sixty (760') +- feet along the center of the old run of Middle Creek; thence turning and running in a Northwest direction for a distance of two hundred eighty-nine (289') feet along property of Johnson to an iron in the old run of Middle Creek; thence turning and running North seventy-five degrees thirteen minutes (75°13') West along property of Johnson for a distance of two hundred fifty (250') feet to an iron; thence turning and running North forty-four degrees fifty-two minutes (44° 52') East along property of Bowden for a distance of six hundred thirty-eight and 8/10 (638.8') feet to a corner in a pond; thence turning and running North fifty-nine degrees 06 minutes (59°06') East along property of Bowden for a distance of three hundred sixty-five and 5/10 (365.5') feet to an iron; thence turning and running North fifty-five degrees forty-five minutes (55°45') East along property of Bowden for a distance of two thousand one hundred twenty-five and 5/10 (2125.5') feet to an iron; thence turning and running South thirty-four degrees fifteen minutes (34°15') East along property of Bowden for a distance of four hundred seven (407') feet to an iron on the North bank of Middle Creek; thence following the center of said Creek in the following courses and distances; South seventy-one degrees five minutes (71°5') East two hundred seventy-one (271') feet; North eighty-nine degrees fifty-one minutes (89°51') East one hundred thirty-one (131') feet; North forty-five degrees one minute (45°1') East two hundred forty-five and 5/10 (254.5') feet; North thirty-two degrees twenty minutes (32°20') East one hundred seventeen (117') feet; North fifty-five degrees fifty-one minutes (55°51') East two hundred fifty (250') feet; South seventy-one degrees forty-nine minutes (71°49') East one hundred twenty(120') feet to an iron on the South Bank of Middle Creek immediately below its junction with another Creek; thence turning and running South forty-eight degrees fifty-one minutes (48°51') West along property of Knox for a distance of three hundred eighty-two (382') feet to an iron; thence turning and running South twenty-seven degrees 04 minutes (27°04') East along property of Knox for a distance of one thousand five hundred forty-three (1543') feet to an iron; thence turning and running South sixteen degrees thirty-four minutes (16°34') East along property of Knox for a distance of two hundred eighty one (281') degrees 00 minutes (47°00') East along property of Knox for a distance of three hundred five and 5/10 (305.5') feet to an iron; thence turning and running South Seventy-eight degrees forty-nine minutes (78° 49') East along property of Knox for a distance of one thousand six hundred twenty-two (1622') feet to an iron; thence turning and running South thirty-five degrees sixteen minutes (35°16') West along property Baston for a distance of two thousand eighty (2080') feet to an iron; thence turning and running North sixty-eight degrees thirty-five minutes west along property of Reese for a distance of one hundred fifty-nine (159') feet to an iron; thence running South thirty degrees forty-seven minutes (30°45') West along property of Reese for a distance of forty-three (43') feet to a pine;

thence turning and running South seventy-eight degrees fifty-one minutes (78°51') West along property of Reese for a distance of one thousand sixty-six and 5/10 (1066.5') feet to an iron in the center of a road; thence turning and running South nineteen degrees four minutes (19°4') West partly along said road for a distance of two thousand two hundred seventeen and 4/10 (2217.4') feet to an iron in the center of said road; thence South thirty degrees twenty-four minutes (30°24') West along the center of said road for a distance of two hundred sixty-one (261') feet to an iron; thence south nineteen degrees forty-nine minutes (19°49') West along the center of said road for a distance of three hundred eighty-six and 3/10 (386.3') feet to an iron; thence South one degree twenty-nine minutes (1°29') West along the center of said road for a distance of one hundred fifty-four and 2/10 (154.2') feet to an iron in the center line of the Georgia Power Company Transmission Line right-of-way; thence turning and running along the center line of said right-of-way North seventy-three degrees fifty-six minutes (73°56') West for a distance of two thousand four hundred sixty five (2465') feet to the center of Middle Creek; thence following the center of said Creek along its meanders in Southerly and Southwesterly direction and crossing Georgia Highway #80 for a distance of Eight Hundred Sixty five +- (865 +-) feet; thence leaving the center line of said Creek and running North thirty-four degrees twenty-seven minutes (34°27') West along property of Reese for a distance of three hundred forty (340') feet to an iron; thence running North fifteen degrees twenty-two minutes (15°22') West along property of Reese for a distance of five hundred fifty-six (556') feet to an iron; thence turning and running north seventy-eight degrees twelve minutes (78°12') West for a distance of five hundred forty-three (543') feet to an iron on the North side of the right of way of the Georgia Power Company Transmission line; thence turning and running North eight degrees eighteen minutes (8°18') East for a distance of two hundred twenty-two (222') feet along property of Reese to a corner on a pond; thence turning and running North thirty-five degrees fifty-eight minutes (35°58') East for a distance of one hundred seventy-eight (178') feet to a corner on the edge of a pond; thence turning and running North fifty degrees forty-seven minutes (50°47') West along the center line of the old road for a distance of two hundred ninety and 6/10 (290.6') feet to an iron; thence along the center of said Old road thirty-one degrees forty-seven minutes (31°47') West for a distance of one hundred twenty-four (124') feet to an iron; thence North forty-five degrees thirty-seven minutes (45°37') West along the center of said old road for a distance of three hundred thirty-five and 5/10 (335.5') feet to an iron; thence North forty-seven degrees twenty-two minutes (47°22') West along the center of said old road for a distance of six hundred ninety-nine (699') feet to an iron; thence North thirty degrees fifty-two minutes (30°52') West along the center of said old road and crossing Georgia Highway #80, under construction for a distance of nine hundred thirty-eight and 5/10 (938.5') feet to corner

in the fork in two old roads; thence North four degrees 0 minutes (4°0') east along the center line of an old road for a distance of two hundred thirty-one and 3/10 (231.3') feet to the point of commencement.

The Weston & Brooker Company purchased 134.90 acres of the above land from J. O. Reese on March 20, 1930 by deed recorded in Book TT, page 481-82 Clerk's Office of Warren Superior Court; and purchased 17.17 acres of the above land from J. O. Reese on November 13, 1931 by deed recorded in Book VV, page 56, Clerk's office of Warren Superior Court; and purchased 17.35 acres of the above land from J. O. Reese on November 13, 1931 by deed recorded in Book VV, page 56, Clerk's office Warren Superior Court; and purchased 157.44 acres of the above land from Mrs. Eula Bell Durham on April 14, 1938 by deed recorded in Book ZZ, page 22, Clerk's office Warren Superior Court; and purchased 2.03 acres of the above land from W. R. Duckworth on May21, 1943 by deed recorded in Book 3A, page 568, Clerk's office Warren Superior Court; and purchased 3.1 acres from Mrs. John Furman Reese on July 19, 1943 by deed recorded in Book 3A, page 578, Clerk's office Warren Superior Court; and purchased 22.58 acres from J. O. Reese on December 12, 1949 by deed recorded in Book 3D, pages 493-494, Clerk's office Warren Superior Court; and purchased 294 acres from J. R. Bowden, et al on August 31, 1950 by deed recorded in Deed Book 3F, pages 146-7, Clerk's office Warren Superior Court and deed recorded in Book 36, page 373, Clerk's Office McDuffie County, Georgia.

ALSO, All that tract of land lying and being in the 155th District G.M. Warren County, Georgia, containing four and sixty-three one-hundredths (4.63) acres of land, more or less, and bounded as follows: On the North by right-of-way of State Highway Number 80; on the East by other lands of E. U. Reese; on the South by lands of J. Ralph Thompson with branch intervening; and on the West by right of way of the Georgia Railroad spur line leading from the main line into the quarry. Said land is more particularly described according to a plat dated January 20, 1960, prepared by B. P. Barber and Associates and recorded in Deed Book 3M, page 250, Clerk's Office Warren Superior Court and filed for record at 10:30 A.M. on February 23, 1960.

The Weston & Brooker Company purchased this 4.63 acres of land from Earl U. Reese on February 17, 1970 by deed recorded in deed book 3M, pages 249-250, Clerk's office Warren Superior Court.

ALSO, all that irregular shaped parcel or tract of land lying and being situate in Warren County, Georgia near Camak, approximately one and two-tenths (1.2) miles northwesterly of the main tracts of Georgia Railroad and being more particularly described as follows: Beginning at a point in the center line of a creek and the southwesterly line of property of Georgia Railroad and Banking Company; thence North thirty-five (35) degrees ten (10) minutes west eighty-three (83) feet; thence North fifty-seven (57) degrees twelve (12) minutes east four hundred forty-six (446) feet; thence North twenty-one (21)

degrees forty-five (45) minutes east one hundred thirty-five (135) feet; thence North thirtyfive (35) degrees thirty (30) minutes east four hundred seventy eight (478) feet, more or less; thence North forty-five (45) degrees west sixty (60) feet thence North forty-five (45) degrees east eight hundred (800) feet; thence South forty-five (45) degrees east four hundred ninety (490) feet; thence south forty-five (45) degrees west eight hundred (800) feet; thence North forty-five (45) degrees west one hundred forty (140) feet; thence South thirty-five (35) degrees twenty-six (26) minutes west one hundred twelve (112) feet; thence South four (4) degrees thirty (30) minutes east one hundred sixty-eight (168) feet; thence South seventeen (17) degrees thirty (30) minutes east one hundred sixty-two feet (162); thence South seventy (70) degrees fifty (50) minutes West ninety (90) feet; thence North thirty (30) degrees twenty-two (22) minutes west one hundred forty (140) feet; thence North seventy-eight degrees three (3) minutes West one hundred twenty-eight (128) feet; thence south sixty (60) degrees fifty-four (54) minutes west two hundred five (205) feet; thence south fifty-four (54) degrees fifty (50) minutes west four hundred forty (440) feet; thence North thirty-five (35) degrees ten (10) minutes west forty-five (45) feet to the point of beginning, as outlined in red on print no. 273/110 dated February 9, 1961, and recorded in Deed Book 3M, page 547, in the office of the Clerk of the Superior Court of Warren County, Georgia.

The Weston & Brooker Company purchased the above described tract of land from Georgia Railroad and Banking Company, et al on March 8, 1961 by deed recorded in Book 3M pages 545-546, Clerk's Office Warren Superior Court.

TO HAVE AND TO HOLD the said bargained premises with all and singular the rights,members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of MARTIN MARIETTA CORPORATION, the said party of the second part, its successors and assigns, forever in fee simple.

And the said party of the first part, THE WESTON & BROOKER COMPANY for its successors and assigns will warrant and forever defend the right and title of the above described property unto the said party of the second part, the said MARTIN MARIETTA CORPORATION, its successors

and assigns, against the claims of all persons whomsoever.

IN WITNESS WHEREOF, the party of the first part has caused these presents to be signed in its corporate name by its Chairman of the Board heretofore and hereunder duly authorized, attested by its Secretary with its corporate seal affixed, this the day and year first above written.

THE WESTON & BROOKER COMPANY

BY _____
Its Chairman of the Board

ATTEST:

BY _____ (L.S.)
Its Secretary

WARREN
Paid $ 300.00
Date October 2, 1970

Signed, Sealed and Delivered
in the Presence of

_____
Witness

_____
Notary Public, S. C.

My Commission Expires: 23rd Apr. 1979

"Georgia, McDuffie County,
Clerk Superior Court

I certify this within paper was filed for record at
9 o'clock A. M. 4 day of November 1970
and recorded 4 day of November 1970
Book 26 Page 667-672
William C. Watson

2:45 P.
October 2, 70
4R 27-32
October 2, 70

PAUL BOWDEN

THIS LINE PAINTED "YELLOW"

PAUL BOWDEN

FENCE

COULD NOT FIND THESE TWO CORNERS

OF UNDERGROUND PIPE LINE DIXIE PIPELINE

PATH FROM FIELD TO CRAWL AT CREEK OPENED WITH DOZER

ROBERT KNOX

LAURA JOHNSON

NOW CONTINENTAL CAN CO. LINES PAINTED "WHITE"

"A" — "B" - 4368.0

BOYD BASTON

635.0 acres

CLINTON JOHNSON et. al

QUARRY

99.614 ACRES FROM E. U. REESE

J O REESE

E U REESE

RALPH THOMPSON

SUPERIOR STONE CO. DIV. OF MARTIN MARIETTA CO. INC.

COMPOSITE PROPERTY MAP

CAMAK QUARRY

WARREN & McDUFFIE CO., GA.

DATE: 1-1971 SCALE 1" = 400'

COMPOSITE PROPERTY MAP

CAMAK QUARRY-53-1

Deed Book 85 Page 702
06-27-1973, McDuffie County

Deed Book 48 Page 418
07-19-1971, Warren County

STATE OF GEORGIA

WARREN COUNTY

THIS INDENTURE, Made this 3rd day of June, in the year of our Lord One Thousand Nine Hundred and Seventy-One between EARL U. REESE, of the County of Warren and State of Georgia, party of the first part and MARTIN MARIETTA CORPORATION, a Maryland Corporation with its principal office in New York, New York, party of the second part.

WITNESSETH, That the said party of the first part, for and in consideration of the sum of One Hundred Twenty Four Thousand Five Hundred Seventeen Dollars and Fifty ($124,517.50) Cents, in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto the said party of the second part, its successors and assigns,

All that tract or parcel of land lying and being in the 155th District, G. M., Warren County, Georgia, containing 99.614 acres, more or less and bounded as follows: On the North by land formerly belonging to The Weston & Brooker Company and now belonging to Martin Marietta Corporation; On the East by land of Earl U. Reese; On the South by land of Earl U. Reese and the right of way of Georgia State Highway Number 223; On the West by land formerly belonging to The Weston & Brooker Company and now belonging to Martin Marietta Corporation. The metes and bounds of said tract of land are as follows: BEGINNING AT A POINT on the Northern right-of-way of Georgia Power Company easement right-of-way where land of Martin Marietta Corporation and land of Earl U. Reese corners; Thence North 10°32' East 100.9 feet; Thence North 19°49' East 386.3 to an iron pin; Thence North 30°24' East 261.0; Thence North 20°18' East 2227.33 feet to an iron pin; Thence North 78°51' East 1049.5 feet to an iron pin; Thence North 29°53' East 43.0 feet to an iron pin; Thence North 14°07' East 165.3 feet to an iron pin; Thence South 68°35' East 671.6 feet; Thence South 21°34' West 2649.00 feet; Thence North 78°30' West 237.44; Thence South 8°11' West 140.2; Thence North 81°49' West 127.9; Thence North 85 30' West 100; Thence North 88°03' West 100 feet; Thence South

88°31' West 100 feet; Thence South 83°45' West 100 feet; Thence South 79°44' West 100 feet; Thence South 75°46' West 100 feet; Thence South 73°16' West 100 feet; Thence South 69°52' West 100 feet; Thence South 64°57' West 100 feet; Thence South 61°09' West 100 feet; Thence South 57°56' West 100 feet; Thence South 53°43' West 100 feet; Thence South 49°23' West 100 feet; Thence South 45°46' West 100 feet; Thence South 41°09' West 100 feet; Thence South 37°30' West 100 feet; Thence North 4°25' West 205.3 feet to the beginning poing. Said land is more particularly described according to a plat made by Russell P. Howard, Registered Georgia Surveyor on the 25th day of May, 1971, attached to this deed, marked Exhibit "A" and made a part thereof and to which reference is made for a more accurate description.

The above described premises herein conveyed are to be used as a rock quarry, or in connection with the operation of a quarry. The party of the first part understands and agrees for himself, his heirs, and assigns, that the party of the second part, its successors and assigns, may engage in quarrying operations upon said property and/or adjacent property without liability of any kind to the party of the first part, except that the party of the second part shall pay actual damages for injury, if any, to the property of the party of the first part, his heirs and assigns, and the said party of the first part shall have no other remedy at law or in equity except the collection of actual money damages on account of the use by the party of the second part, its successors and assigns, of said premises in quarrying operations.

TO HAVE AND TO HOLD, the said bargained premises, together with all and singular the rights, members, and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of it, the said party of the second part, its successors and assigns, forever, in fee simple.

And the said party of the first part, for his heirs, executors, and administrators, will warrant and forever defend the right and title of the above described property unto the said party of the second part, its successors and assigns, against the claims of all persons whomsoever.

IN WITNESS WHEREOF, the said party of the first part has hereunto set his hand and affixed his seal, the day

and year first above written.

Earl W Reed (L.S.)

Signed, sealed and delivered

in the presence of:

[illegible]

Brenda M Taylor

NOTARY PUBLIC, Warren Co. Ga.

WARREN County, Georgia

Real Estate Transfer Tax

Paid $ 124.60

Date July 19, 1974

[illegible]

Clerk of Superior Court

"Georgia, McDuffie County,
Clerk Superior Court

I certify the within paper was filed for record at

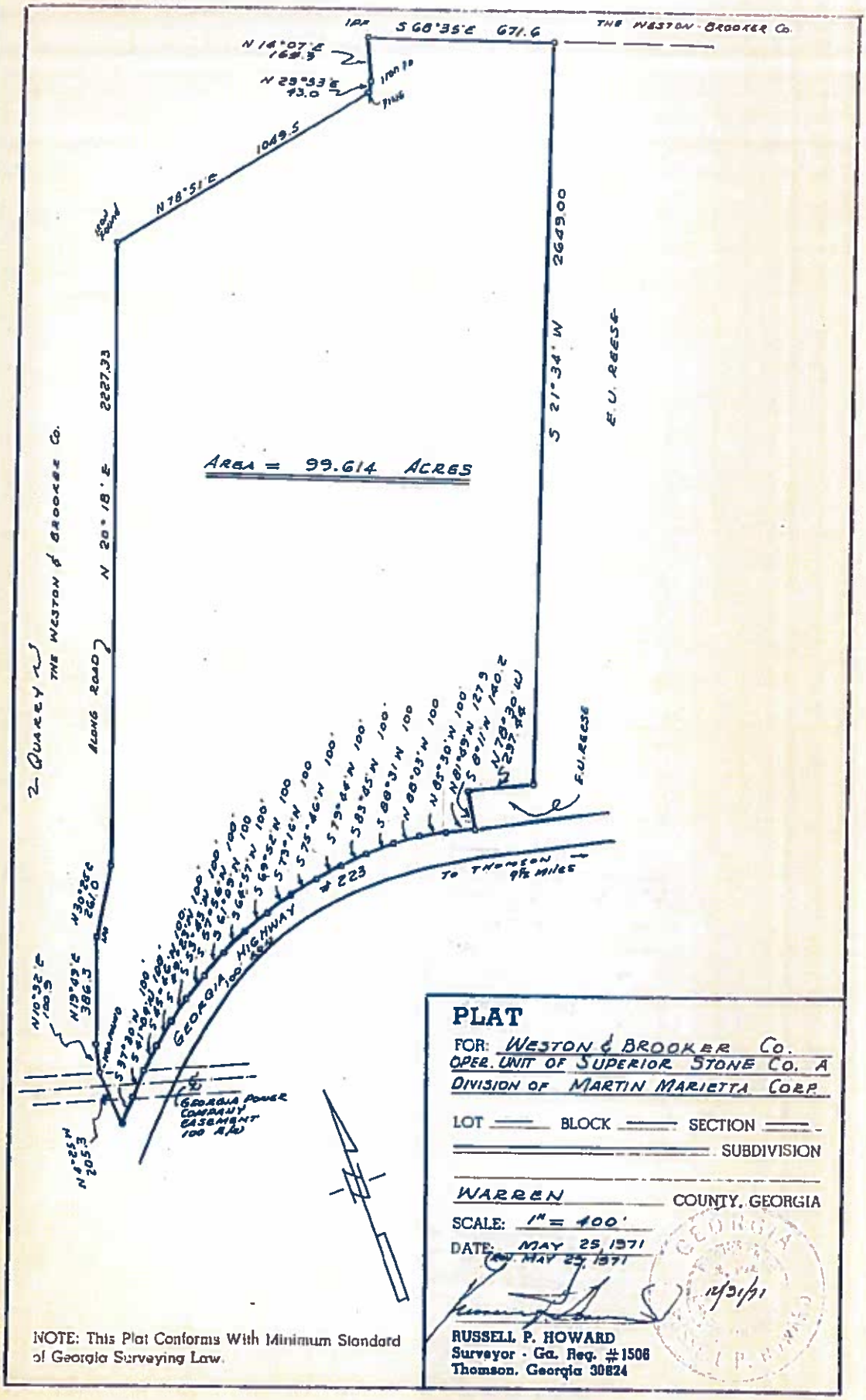
10 o'clock A. M. 27 day of June 1973

and recorded 28 day of June 1973

Book 25T Pages 702-704

Deed William C. Watson

Clerk."



PLAT

FOR: WESTON & BROOKER Co.
OPER. UNIT OF SUPERIOR STONE Co. A
DIVISION OF MARTIN MARIETTA CORP.

LOT ____ BLOCK ____ SECTION ____
SUBDIVISION

WARREN COUNTY, GEORGIA

SCALE: 1" = 400'

DATE: MAY 25, 1971
REV. MAY 25, 1971

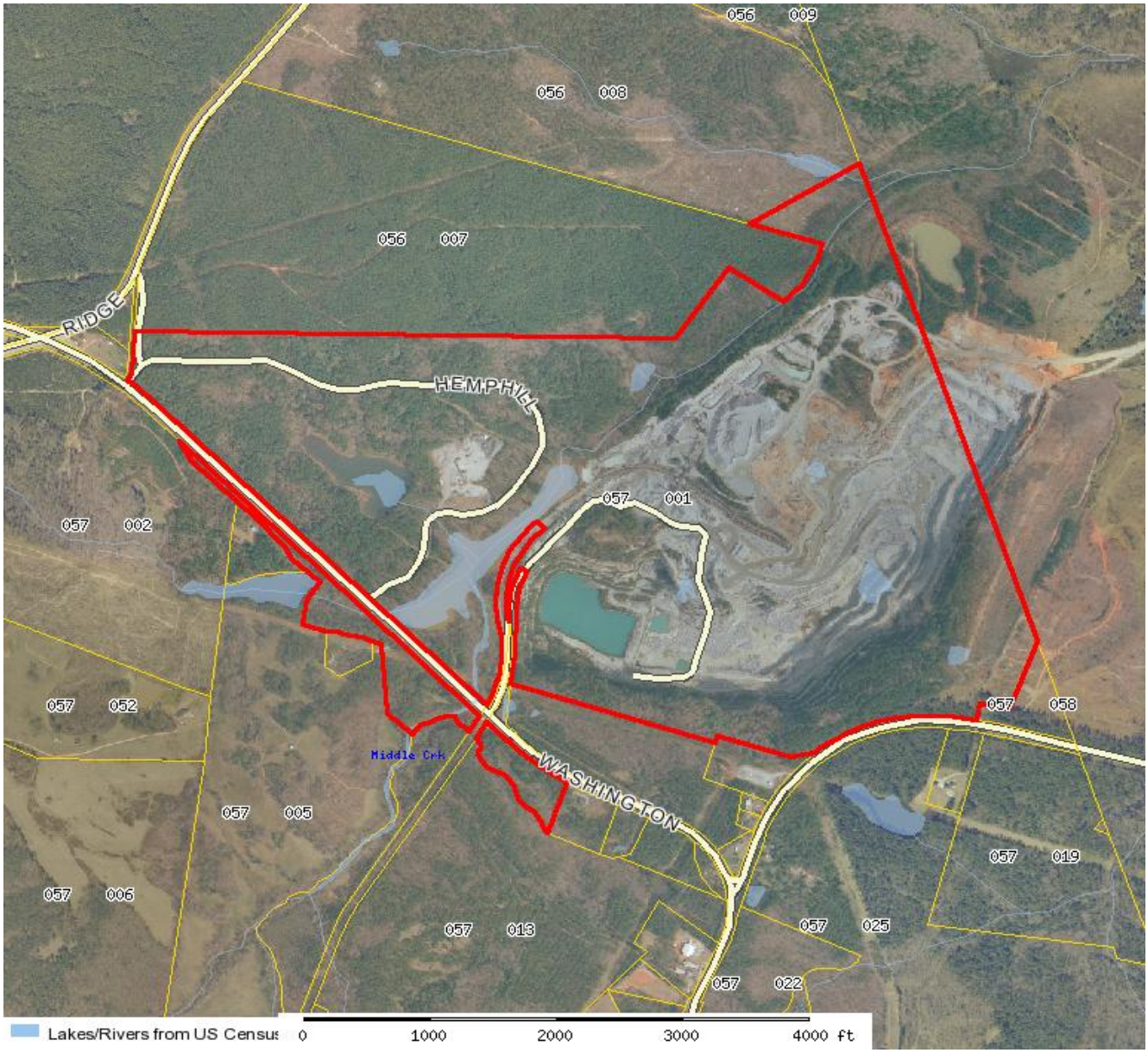
11/21/71

RUSSELL P. HOWARD
Surveyor - Ga. Reg. #1506
Thomson, Georgia 30824

NOTE: This Plat Conforms With Minimum Standard of Georgia Surveying Law.

EXHIBIT "A"

Appendix C
Tax Plat



Warren County Assessor			
Parcel: 057 001 Acres: 417.07			
Name:	MARTIN MARIETTA MATERIALS	Land Value	$653,470.00
Site:	7856 HIGHWAY 80 NORTH	Building Value	$273,650.00
Sale:	$77,437 on 11-1993 Reason=01 Qual=U	Misc Value	$135,564.00
Mail:	INC (CAMAK QUARRY) C/O BADEN TAX MANAGEMENT P O BOX 8040 FORT WAYNE, IN 468988040	Total Value:	$1,062,684.00

Date printed: 02/18/14 : 07:47:59

Board of Tax Assessors

Owner and Parcel Information

Owner Name	MARTIN MARIETTA MATERIALS	Today's Date	February 26, 2014
Mailing Address	INC (CAMAK QUARRY)	Parcel Number	057 001
	C/O BADEN TAX MANAGEMENT P O BOX 8040 FORT WAYNE, IN 46898-8040	Tax District	COUNTY (District 01)
Location Address	7856 HIGHWAY 80 NORTH	2013 Millage Rate	32.508
Legal Description	417.07 AC B/S HIGHWAY 80 NORTH / OFFI	Acres	417.07
Property Class(NOTE: Not Zoning Info)	I5-Industrial	Neighborhood	GRADE 80 OR LESS
Zoning		Homestead Exemption	No (S0)
		Parcel Map	Show Parcel Map

2013 Tax Year Value Information

Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
$ 653,470	$ 273,650	$ 135,564	$ 1,062,684	$ 1,062,684

Land Information

Type	Description	Calculation Method	Soil Productivity	Acres	Photo
RUR	Open Land	Rural	5	20	NA
RUR	Open Land	Rural	5	25	NA
RUR	Open Land	Rural	5	60	NA
RUR	Ponds	Rural	3	1	NA
RUR	Ponds	Rural	3	5	NA
RUR	Ponds	Rural	3	13	NA
RUR	Ponds	Rural	4	53	NA
RUR	Woodlands	Rural	3	29	NA
RUR	Woodlands	Rural	3	170	NA
RUR	Woodlands	Rural	4	41.07	NA

Improvement Information

Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
OFFICE BLDG	$ 57,734	1975	1975	1,219	10	Wood	Wood
Roof Cover	**Interior Walls**	**Floor Construction**	**Floor Finish**	**Ceiling Finish**	**Lighting**	**Heating**	**Sketch**
Asphalt Shingles	Sheetrock	Wood Joists & Subfloor	Carpet/Vinyl Tile	Acoustical Tile	Standard F.F.	Cent. Htg. & A.C.	Sketch Building 1

Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
WAREHOUSE	$ 6,309	1980	1980	480	8	Bearing Wall	Aluminum Siding
Roof Cover	**Interior Walls**	**Floor Construction**	**Floor Finish**	**Ceiling Finish**	**Lighting**	**Heating**	**Sketch**
Aluminum	Sheetrock	Reinforced Concrete	Concrete	Acoustical Tile	Standard F.F.	No Heat	Sketch Building 2

Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
WAREHOUSE	$ 18,210	1980	1980	1,600	14	Bearing Wall	Aluminum Siding

Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
Aluminum	Sheetrock	Reinforced Concrete	Concrete	Acoustical Tile	Standard F.F.	No Heat	Sketch Building 3

Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
WAREHOUSE	$ 64,894	1980	1980	4,000	16	Bearing Wall	Aluminum Siding

Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
Aluminum	Sheetrock	Reinforced Concrete	Concrete	Acoustical Tile	Standard F.F.	No Heat	Sketch Building 4

Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
WAREHOUSE	$ 126,503	1985	1985	6,000	30	Bearing Wall	Aluminum Siding

Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
Aluminum	Sheetrock	Reinforced Concrete	Concrete	Acoustical Tile	Standard F.F.	No Heat	Sketch Building 5

Accessory Information

Description	Year Built	Dimensions/Units	Value
INDUSTRIAL SHED	2003	0x0 0	$ 1,200
Paving: Asphalt	1992	10x8540 85400	$ 43,981
Truck Scales	1992	0x0 66000	$ 33,990
Rail Siding	1992	1x5460 5460	$ 56,238
INDUSTRIAL SHED	1985	6x10 0	$ 155

Sale Information

Sale Date	Deed Book	Plat Page	Price	Reason	Grantor	Grantee
11-12-1993	005S 0548		$ 77,437	Unknown		MARTIN MARIETTA MAT
11-12-1993	5S 548		$ 0	No Reason	MARTIN MARIETTA MAT	MARTIN MARIETTA MATERIALS

Permit Information

Permit Date	Permit Number	Type	Description
No permit information associated with this parcel.			

Recent Sales in Neighborhood
Recent Sales in Area | Previous Parcel | Next Parcel | Field Definitions | Return to Main Search Page | Warren Home

The Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assesment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. Website Updated: February 21, 2014

Appendix D
Historical Groundwater and Surface Water Data

APPENDIX D. Historical Groundwater and Surface Water Data

Groundwater		Regulated Substance (mg/L)													
		1,1-DCE	2-butanone	4-methyl 2-pentanone	Acetone	Carbon disulfide	Chloro ethane	cis-1,2-DCE	Cyclo hexane	Methylene Chloride	Naphthalene	Toluene	trans-1,2-DCE	TCE	Vinyl chloride
Delineation Criteria (mg/L)		0.007	2	2	4	4	DL	0.07	DL	0.005	0.02	1	0.1	0.005	0.002
Type 4 RRS (mg/L)		0.524	NC	NC	45	1.7	NC	0.204	17.52	NC	0.00872	5.24	0.161	0.00524	0.00327
Sample Location	**Sample Date**														
PW-1	12/5/94	<0.001	NA	<0.001	NA	NA	<0.001	**0.0018**	NA	NA	NA	**0.0011**	<0.001	**0.179**	<0.001
	2/20/95	<0.001	NA	<0.001	NA	NA	<0.001	**0.0028**	NA	NA	NA	<0.001	<0.001	**0.137**	<0.001
	4/7/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.013**	<0.001
	4/7/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.015**	<0.001
	4/7/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.008**	<0.001
	4/8/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.011**	<0.001
	4/8/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.012**	<0.001
	4/8/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.013**	<0.001
	4/8/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.016**	<0.001
	4/9/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.012**	<0.001
@ 100'	10/21/00	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.003**	<0.001
@ 300'	10/21/00	<0.002	<0.05	<0.004	<0.05	**0.03**	<0.004	<0.001	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
@ 100'	8/12/02	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
@ 300'	8/12/02	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
@ 100'	12/14/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	4/11/06	<0.005	**0.39**	**0.011**	**0.19**	<0.005	**0.052**	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	3/12/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	3/12/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	3/31/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
@ 100'	3/15/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
@ 120'	4/26/12	<0.001	<0.005	<0.002	**0.012**	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	**0.045**	<0.001	**0.0013**	<0.001
@ 110'	4/17/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
@ 110'	4/22/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0018**	<0.001
MW-1	4/12/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.006**	<0.001
	8/12/02	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	12/12/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.018**	<0.002
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.008**	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.0093**	<0.002
	9/14/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.0057**	<0.002
	3/11/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/14/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	**0.017**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0016**	<0.001
	4/24/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/22/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/21/14	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

APPENDIX D. Historical Groundwater and Surface Water Data

Groundwater		Regulated Substance (mg/L)													
		1,1-DCE	2-butanone	4-methyl 2-pentanone	Acetone	Carbon disulfide	Chloro ethane	cis-1,2-DCE	Cyclo hexane	Methylene Chloride	Naphthalene	Toluene	trans-1,2-DCE	TCE	Vinyl chloride
Delineation Criteria (mg/L)		0.007	2	2	4	4	DL	0.07	DL	0.005	0.02	1	0.1	0.005	0.002
Type 4 RRS (mg/L)		0.524	NC	NC	45	1.7	NC	0.204	17.52	NC	0.00872	5.24	0.161	0.00524	0.00327
MW-2	4/12/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2D	4/21/99	<0.001	<0.025	<0.002	<0.025	**0.001**	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.018**	<0.001
	10/21/00	<0.001	<0.025	<0.002	<0.025	**0.072**	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	**0.001**	<0.001
	8/13/02	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	12/14/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	4/12/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/31/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/14/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/25/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-3	4/12/99	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	4/12/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4D	4/21/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	10/21/00	<0.002	<0.05	<0.004	<0.05	**0.034**	<0.004	<0.001	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	8/13/02	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	12/14/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	4/12/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/31/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/14/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/25/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	4/12/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

APPENDIX D. Historical Groundwater and Surface Water Data

Groundwater		Regulated Substance (mg/L)													
		1,1-DCE	2-butanone	4-methyl 2-pentanone	Acetone	Carbon disulfide	Chloro ethane	cis-1,2-DCE	Cyclo hexane	Methylene Chloride	Naphthalene	Toluene	trans-1,2-DCE	TCE	Vinyl chloride
Delineation Criteria (mg/L)		0.007	2	2	4	4	DL	0.07	DL	0.005	0.02	1	0.1	0.005	0.002
Type 4 RRS (mg/L)		0.524	NC	NC	45	1.7	NC	0.204	17.52	NC	0.00872	5.24	0.161	0.00524	0.00327
MW-6	4/21/99	<0.08	<2	<0.16	<2	<0.08	<0.16	<0.08	NA	<0.08	<0.08	<0.08	<0.08	**1.4**	<0.08
	10/21/00	<0.05	<1.2	<0.1	<1.2	<0.05	<0.1	<0.05	NA	<0.05	<0.05	<0.05	<0.05	**0.68**	<0.05
	8/12/02	**0.0021**	<0.005	<0.001	<0.005	<0.001	<0.001	**0.038**	NA	<0.001	<0.001	<0.001	<0.001	**4.6**	**0.0088**
	11/22/02	<0.01	NA	NA	NA	NA	NA	**0.0442**	NA	NA	NA	NA	<0.01	**1.26**	**0.0091**
	12/12/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.01**	<0.005	<0.005	NA	<0.005	<0.005	**0.52**	<0.002
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0066**	<0.005	<0.005	NA	<0.005	<0.005	**0.4**	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.021**	<0.005	<0.005	NA	<0.005	<0.005	**0.72**	**0.004**
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.03**	<0.005	<0.005	NA	<0.005	<0.005	**0.79**	**0.0043**
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.011**	<0.005	<0.005	NA	<0.005	<0.005	**0.46**	<0.002
	9/6/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.03**	<0.005	<0.005	NA	<0.005	<0.005	**0.64**	<0.002
	3/12/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0055**	<0.005	<0.005	NA	<0.005	<0.005	**0.28**	<0.002
	9/3/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0093**	<0.005	<0.005	NA	<0.005	<0.005	**0.4**	**0.0024**
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0072**	**0.0052**	<0.005	NA	<0.005	<0.005	**0.18**	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.098**	<0.002
	3/14/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	**0.012**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.17**	<0.001
	4/24/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0053**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.065**	<0.001
	4/22/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0048**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.063**	<0.001
	4/21/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0029**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.09**	<0.001
MW-7	4/26/99	**0.004**	<0.025	<0.002	<0.025	<0.001	<0.002	**0.002**	NA	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**
	5/4/99	<0.05	<1.2	<0.1	<1.2	<0.05	<0.1	<0.05	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW-7R	8/15/02	<0.001	<0.05	<0.001	<0.05	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-8	5/4/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	**0.002**	<0.001	<0.001	<0.001	<0.001
MW-8R	8/15/02	<0.001	<0.025	<0.001	**0.05**	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	9/5/02	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	NA	**0.004**	<0.001	<0.001	<0.001	<0.001	<0.001
MW-9	8/15/02	<0.001	<0.05	<0.001	<0.05	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/13/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/15/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/26/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/23/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-10	8/15/02	<0.001	<0.05	<0.001	<0.05	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	9/5/02	<0.001	<0.05	<0.001	0.02	<0.001	<0.001	<0.001	NA	0.0028	<0.001	<0.001	<0.001	<0.001	<0.001

APPENDIX D. Historical Groundwater and Surface Water Data

Groundwater		Regulated Substance (mg/L)													
		1,1-DCE	2-butanone	4-methyl 2-pentanone	Acetone	Carbon disulfide	Chloro ethane	cis-1,2-DCE	Cyclo hexane	Methylene Chloride	Naphthalene	Toluene	trans-1,2-DCE	TCE	Vinyl chloride
Delineation Criteria (mg/L)		0.007	2	2	4	4	DL	0.07	DL	0.005	0.02	1	0.1	0.005	0.002
Type 4 RRS (mg/L)		0.524	NC	NC	45	1.7	NC	0.204	17.52	NC	0.00872	5.24	0.161	0.00524	0.00327
MW-11	12/12/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.02**	<0.005	<0.005	NA	<0.005	<0.005	**0.94**	**0.004**
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.02**	<0.005	<0.005	NA	<0.005	<0.005	**1.4**	**0.0042**
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.015**	<0.005	<0.005	NA	<0.005	<0.005	**1.1**	**0.0023**
	9/14/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.011**	<0.005	<0.005	NA	<0.005	<0.005	**0.64**	<0.002
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.018**	<0.005	<0.005	NA	<0.005	<0.005	**1.1**	<0.002
	9/6/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0077**	<0.005	<0.005	NA	<0.005	<0.005	**0.33**	<0.002
	3/11/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.01**	<0.005	<0.005	NA	<0.005	<0.005	**0.63**	<0.002
	9/3/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.013**	<0.005	<0.005	NA	<0.005	<0.005	**0.78**	**0.0028**
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0064**	<0.005	<0.005	NA	<0.005	<0.005	**0.34**	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.28**	<0.002
	3/14/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	**0.0025**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.11**	<0.001
	4/24/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0034**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.044**	<0.001
	4/22/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0096**	<0.001	<0.001	<0.001	<0.001	**0.0012**	**0.053**	<0.001
	4/21/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0018**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.061**	<0.001
MW-12	12/13/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.069**	<0.005	<0.005	NA	<0.005	<0.005	**0.58**	**0.0042**
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.056**	<0.005	<0.005	NA	<0.005	<0.005	**0.68**	**0.0029**
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.058**	<0.005	<0.005	NA	<0.005	<0.005	**0.67**	**0.0028**
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.037**	<0.005	<0.005	NA	<0.005	<0.005	**0.35**	<0.002
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.028**	<0.005	<0.005	NA	<0.005	<0.005	**0.6**	**0.0031**
	9/6/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.015**	<0.005	<0.005	NA	<0.005	<0.005	**0.14**	<0.002
	3/12/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.015**	<0.005	<0.005	NA	<0.005	<0.005	**0.2**	<0.002
	9/3/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.02**	<0.005	<0.005	NA	<0.005	<0.005	**0.14**	**0.0025**
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.02**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.016**	<0.005	<0.005	<0.005	<0.005	<0.005	**0.21**	<0.002
	3/14/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	**0.01**	<0.001	<0.001	<0.001	<0.001	**0.0012**	<0.001	<0.001
	4/24/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.004**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/23/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0027**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/21/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.011**	<0.001	<0.001	<0.001	<0.001	**0.0016**	**0.0026**	<0.001
MW-13	12/12/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.022**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.019**	<0.002
	3/15/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	**0.018**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0016**	<0.001
	4/25/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.036**	<0.001	<0.001	<0.001	<0.001	**0.0017**	**0.0016**	<0.001
	4/22/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.027**	<0.001	<0.001	<0.001	<0.001	**0.0022**	<0.001	<0.001
	4/21/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.028**	<0.001	<0.001	<0.001	<0.001	**0.0042**	**0.051**	<0.001
	6/12/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.032**	<0.001	<0.001	<0.001	<0.001	**0.0048**	**0.048**	<0.001

APPENDIX D. Historical Groundwater and Surface Water Data

Groundwater		Regulated Substance (mg/L)													
		1,1-DCE	2-butanone	4-methyl 2-pentanone	Acetone	Carbon disulfide	Chloro ethane	cis-1,2-DCE	Cyclo hexane	Methylene Chloride	Naphthalene	Toluene	trans-1,2-DCE	TCE	Vinyl chloride
Delineation Criteria (mg/L)		0.007	2	2	4	4	DL	0.07	DL	0.005	0.02	1	0.1	0.005	0.002
Type 4 RRS (mg/L)		0.524	NC	NC	45	1.7	NC	0.204	17.52	NC	0.00872	5.24	0.161	0.00524	0.00327
MW-13D	12/13/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.12**	<0.002
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.062**	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.07**	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.052**	<0.002
	3/12/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.023**	<0.002
	3/12/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.014**	<0.002
	9/3/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.02**	<0.002
	3/12/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0089**	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0085**	<0.002
	3/15/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	**0.0022**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.014**	<0.001
	4/25/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.041**	<0.001	<0.001	<0.001	<0.001	**0.0076**	**0.04**	<0.001
	4/22/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.056**	<0.001	<0.001	<0.001	<0.001	**0.0098**	**0.037**	<0.001
	4/21/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.025**	<0.001	<0.001	<0.001	<0.001	**0.0042**	**0.022**	<0.001
MW-14	12/12/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.009**	<0.005	<0.005	NA	<0.005	<0.005	**0.11**	<0.002
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0052**	<0.005	<0.005	NA	<0.005	<0.005	**0.1**	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0072**	<0.005	<0.005	NA	<0.005	<0.005	**0.13**	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.0058**	<0.005	<0.005	NA	<0.005	<0.005	**0.1**	<0.002
	3/13/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.026**	<0.002
	3/12/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	**0.016**	<0.002
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	**0.019**	<0.005	<0.005	<0.005	<0.005	**0.0069**	**0.032**	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002
	3/15/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	**0.019**	<0.001	<0.001	<0.001	<0.001	**0.0016**	**0.0087**	<0.001
	4/25/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.011**	<0.001	<0.001	<0.001	<0.001	**0.0015**	**0.0022**	<0.001
	4/23/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0035**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/22/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	**0.0022**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Notes:
1. For PW-1, the depth at which the sample was collected is noted for samples with available information. The depth of sample collection is unknown for those samples with no depth noted.
2. NC - No delineation criteria established.
3. NA - Not analyzed.
4. Bold indicates regulated substance concentration above laboratory detection limit.
5. Grey shading indicates regulated substance concentration above the Type 4 RRS.

Surface Water		Regulated Substance (mg/L)													
		1,1-DCE	2-butanone	4-methyl 2-pentanone	Acetone	Carbon disulfide	Chloro ethane	cis-1,2-DCE	Cyclo hexane	Methylene Chloride	Naphthalene	Toluene	trans-1,2-DCE	TCE	Vinyl chloride
Sample Location	**Sample Date**														
SW-1	4/13/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
SW-2	4/13/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
SW-3	5/4/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	10/21/00	<0.001	<0.025	<0.002	<0.025	**0.004**	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
SW-3/SW-6	11/22/02	<0.001	NA	NA	NA	NA	NA	<0.001	NA	NA	NA	NA	<0.001	<0.001	<0.001
	12/13/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	4/11/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/13/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/6/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/3/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002
	3/30/10	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002
	3/14/11	<0.001	<0.005	<0.002	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/24/12	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/17/13	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4/22/14	<0.001	<0.005	<0.002	<0.005	<0.005	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
SW-4	5/5/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
SW-5	5/5/99	<0.001	<0.025	<0.002	<0.025	<0.001	<0.002	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	12/14/05	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	4/12/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	6/6/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	9/13/06	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/13/07	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/12/08	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.002
	3/11/09	<0.005	<0.05	<0.01	<0.05	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002

Notes:
1. NA - Not analyzed.
2. Bold indicates regulated substance concentration above laboratory detection limit.