CONCEPTUAL SITE MODEL
JUNE 2014

WOVEN ELECTRONICS CORPORATION
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA 29681

SCDHEC FILE 13-6203-RP

PREPARED FOR:

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& ENVIRONMENTAL CONTROL
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1.0 INTRODUCTION

This Conceptual Site Model (CSM) was prepared by BE Aerospace, Inc. ("BEA") and CRB Geological & Environmental Services, Inc. (CRB) for the Woven Electronics facility located at 1001 Old Stage Road, in Simpsonville, Greenville County, South Carolina (the "Site"). This CSM was prepared in partial satisfaction of the requirements of the Voluntary Cleanup Contract (VCC), signed May 19, 2014, to submit a Remedial Investigation report based on current site information. A copy of the VCC is included as Appendix I.

The CSM is organized into six (6) sections. Figures and tables are included after the report text. Section 1.0 is the introduction and includes the purpose and format of the report. A site description and physical setting concept is presented in Section 2.0. Section 3.0 presents a summary of surrounding land use and migration pathways. The results of soil gas and groundwater assessments are presented in Sections 4.0 and 5.0. The findings and recommendations of the assessment to date are presented in Section 6.0. The following Appendices are attached:

- Appendix I - Copies of regulatory documents and correspondence are included as including the 2014 VCC Contract; February 2014 Public Notice record; and Monitoring Well Network Permits from 2012 and 2013.
- Appendix II – Historic Site documents, including a Greenville County Tax Map and 2013 aerial photograph; historic aerial photographs from 1955 through 2006; and public city directory records.
- Appendix III – South Carolina Geological Maps and physical setting references.
- Appendix IV – Regulatory Database Records including the USEPA Envirofacts report for Woven Electronics and an EDR report of environmental database listings for the Site and nearby facilities;
- Appendix V – Monitoring Well logs and SC Water Well reports from the installation of fifteen monitoring wells at the Site during 2012-2013.
- Appendix VI – Soil Gas Analytical Report from Beacon Environmental for the 2011 soil gas investigation performed at the Site.
- Appendix VII – Groundwater Laboratory Analytical Reports from ESC Lab Sciences and Pace Analytical Services, from the 2012, 2013 and 2014 groundwater sampling events.
- Appendix VIII – Slug Test Analysis & Data includes the graphic evaluation and analytical evaluation and raw slug test data used to estimate hydraulic conductivity at the Site during 2013.
- Appendix IX – Plume Characterization Calculations including contaminant partition and plume mass calculations; horizontal and vertical hydraulic gradient calculations.

1.1 SITE INVESTIGATION HISTORY

This CSM presents the data and investigation performed to date in order to characterize the source, extent and potential receptors of groundwater concentrations at the Site. A Phase I Environmental Site Assessment was performed at the Site in September 2010 prior to the acquisition of Woven Electronics by BEA. The Phase I identified the past use of chlorinated solvents as an environmental concern.

Low concentrations of tetrachloroethene (PCE aka “perchloroethylene, perc”) and related solvents were identified at the Site in 2011 during a soil gas survey which was performed following BEA’s acquisition of the business and property in September 2010. Concentrations of PCE were subsequently identified in groundwater during 2012 and then further delineated horizontally and vertically in January 2013.

Based on the analytical results of groundwater samples, concentrations of PCE were identified at the Site at concentrations above the 5 microgram per liter (ug/L) Maximum Contaminant Level (MCL) for groundwater in South Carolina. The groundwater concentrations extended southwest from an unknown source beneath the building towards a groundwater discharge zone near a perennial creek at the southwest Site property boundary.

2.0 SITE DESCRIPTION

The Site is located in an industrial area northwest of Simpsonville, South Carolina and the property was one parcel 16.4-acre parcel identified by the Greenville County Property Assessor as Parcel Number 0303000100300. A Site Location Map is included as Figure 1. The Site was developed from vacant land in 1961, and has been used for weaving and electronics manufacturing processes since that time. The area surrounding the facility is characterized by industrial or manufacturing facilities and vacant, undeveloped land as shown in Figure 2.

2.1 CURRENT USE OF THE SITE

The Site was occupied by Woven Electronics, Inc., and utilized as an electronics assembly and weaving facility. The Site was used as a manufacturing, testing and assembly facility. Several acres of the site remain undeveloped as landscaped areas in the front of the Site.

2.2 STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The main development of the site was an approximately 100,000-square foot brick and slab manufacturing building with administrative offices, and work areas for assembly, machining, weaving, and testing. Two (2) unoccupied storage buildings were present in the rear of the property. Paved employee parking areas are present on the north and south sides of the building, and the entire facility is fenced with controlled access points from Old Stage Road. An outdoor gravel security testing area is present in the rear of the site. A Site Map is included as Figure 3.

The building is served with public water, sewer, natural gas, and electricity. Electrical, municipal water, public sewer and gas connections are maintained from Old Stage Road. The municipal sewer connection operates from a sump grinder and lift station near the western end of the building with a pipe connecting the lift station to the sewer main along Old Stage Road. The property boundary includes a narrow strip to the southwest which was formerly used as an easement for the wastewater discharge pipe for the original wastewater drainage system.

2.2.1 Exterior Site Description

The exterior portion of the Site included paved parking areas, storage buildings, and a large front lawn. The perimeter of the site was fenced and controlled from two (2) driveways off Old Stage Road. A product testing field was located in the rear of the building with culverts to test fiber optic security systems. Four (4) metal cargo containers were staged along the rear driveway for dry storage areas.

A 1,000-square foot brick storage building, located near the southern corner of the main building, was used for storage of surplus equipment and parts. A 200-square foot brick storage building used for waste, paint and drum storage near the western corner of the building along the rear driveway. No outdoor manufacturing, equipment storage or waste material accumulation areas were evident at the Site.

A sewage pump station was present in the rear of the site, near the former location of an on-site package wastewater treatment system. Roof drains discharged rainwater to the parking lot and grassy areas

around the building, and no storm water retention ponds, pits or culverts were noted. A single electrical transformer owned and maintained by Duke Power Company was present in a fenced area along the eastern side of the building, with no leaks or evidence of spills.

2.2.2 Interior Site Conditions

The building interior consisted of several areas built onto the original building since 1963. Administrative, design and management offices were present in the front of the building with the manufacturing area occupying the majority of the building space. The building is a steel frame structure built on a cement slab with brick facades.

The manufacturing area consisted of partitioned areas for product assembly; quality testing; fabric weaving; parts and customer deliverable areas. The manufacturing process is largely assembly of prefabricated parts, and only limited fabrication of prototype parts is performed. Since at least 2010, parts-cleaning for manufacturing consists only of wipe-down using isopropyl alcohol at workstations. A self-contained 30-gallon parts washer sink was present in the machine shop. The parts washer used SKS Premium Gold Solvent, which is a non-hazardous, non-chlorinated petroleum based naphtha solvent used for cleaning weaving equipment intermittently.

2.2.3 Facility History

During the September 2010 Phase I, CRB interviewed Woven Electronics management personnel regarding historic Site use. The business was started in 1963 with the construction of the Site from vacant land, and has been used for essentially the same operation since 1963. There were no outstanding environmental issues such as soil or groundwater contamination at the Site or known off-site impacts from neighboring properties. A former on-site package wastewater treatment system was converted to public sewer discharge circa 1984 and no environmental impacts were noted at the time.

2.3 CURRENT USES OF THE ADJOINING PROPERTIES

Use of adjoining properties is summarized in Figure 2 and was observed during Site reconnaissance as follows:

North and West: The Site was bordered to the north and west by a 22-acre undeveloped, wooded parcel which was listed as being owned by Cooper Old Stage LLC. The construction office and storage yard of JVS, Inc., a roofing contractor, was located beyond several acres of wooded, undeveloped property further northwest of the Site.

East: Warehouses and office buildings were present beyond Old Stage Road along the northern and eastern border of the Site in an upgradient direction. Properties in this direction included: Upstate Control, an electronics reseller; Greenville Woodworking, a building material suppliers; Marchant Contract, a lighting contractor warehouse; and Liquid Systems, Inc., a mechanical contractor.

South: A Cryovac/Sealed Air Corporation manufacturing facility was located south and east of the Site beyond several acres of undeveloped, wooded land. The Sealed Air Corporation plant produced plastic packaging materials, and is located downgradient of the Site.

West: Sandlapper Concrete Products was present beyond the wooded area northwest of the Site, with several adjacent residential structures along Dunk Road. Further to the west and adjacent to the Site's sewer easement terminus, was the Kemet Corporation manufacturing plant, which produces electrical components.

2.4 TOPOGRAPHY

Figure 1 is based on the 7.5-minute "Mauldin, SC" United States Geological Survey (USGS) topographic map of the Site and surrounding area. As depicted on the topographic map in Figure 1, the Site slopes predominantly to the southwest. The ground surface slopes to the northwest along the northern property boundary. The watershed drainage is generally to the southwest towards the headwater tributaries of Rocky Creek. The elevation of the Site is approximately 900 feet above sea level sloping southwest to an elevation of 820-feet along the creek.

2.5 SOIL DESCRIPTION

Surficial soils near the site are clay rich silty saprolite & residuum of weathered gneiss or schist bedrock with low to moderate permeability. The slope of surface soils follows erosion channels to nearby creeks or drainage basins. The soil is normally red to brown iron rich sandy to clayey silt below a thin organic surface. Regionally, the saprolitic soil typically extends to a depth of up to 100-feet to contact with the underlying fractured metamorphic bedrock.

2.6 GEOLOGY & HYDROGEOLOGY

Regional geology and hydrogeology was determined from maps and publications produced by the South Carolina Geologic Survey (SCGS) and the USGS. Site-specific hydrogeology was determined through monitoring well installation observations, groundwater elevation measurements and aquifer test data collected during the site investigation.

2.6.1 Regional Geology

The Site lies within the Paris Mountain thrust sheet (Horton and McConnell, 1991) of the Inner Piedmont belt of the Piedmont Physiographic Province of South Carolina. The Piedmont Physiographic Province is characterized by a surficial topography of rolling hills with a general elevation range from 400 to 1,000 feet above mean sea level (msl). Much of the province is covered with an overburden consisting of residuum on top of saprolite. The principal component of the overburden is saprolite, a layer of chemically altered and decomposed bedrock. Saprolite thickness varies from one location to another. Saprolite is underlain by crystalline bedrock often observed as metamorphic schist or gneiss.

The geology in the vicinity of the site was comprised of residuum, saprolite, transition zone, gneiss and schist. Saprolite is normally observed within several feet of the surface near the site as white to gray, weathered rock and is underlain by weathered gneiss and schist. Geologic maps are included in Appendix III. Based on a review of the Mauldin, SC Quadrangle Geologic Map, the uppermost rock unit is a weathered metamorphic biotite gneiss which undulates with an underlying sillimanite schist through Greenville County.

Regional faults and structure were evaluated based on public geological maps published by the South Carolina Department of Natural Resources (SCDNR) and the SCGS. The Site was situated north of the

Six-Mile thrust plate which extends from the northeast to southwest across Greenville County and the upstate region of South Carolina. No mapped faults or shear zones were identified near the Site.

Regional hydrogeology is part of the Piedmont and Mountains Groundwater System, comprised of the Piedmont Plateau and the Appalachian Mountains. The regolith, or unconsolidated rock layer stores groundwater in a water table aquifer that discharges to regional streams. The Piedmont Groundwater System is characterized by a shallow water table and low hydraulic conductivity. The direction of groundwater flow is variable depending primarily on the topography of the specific area. Regional groundwater flow in the vicinity of the Site trends to the southwest in the watershed drainage of Rocky Creek and the Saluda River.

The shallow groundwater table was identified in saprolitic layers above metamorphic bedrock. Saprolite is derived from physical and chemical weathering of the underlying parent bedrock. The predominant parent rock types are granitic gneiss and mica schist. These rock types were formed by regional metamorphism of igneous rocks during the Paleozoic Era. Erosion and weathering have produced the current Piedmont topography and soils.

Weathering decreases with depth and the residuum exhibits degraded structural characteristics of the parent rock material and is referred to as saprolite. Saprolite has a variable thickness across the Site. Saprolite is generally friable and grades at depth into bedrock across an area referred to as the transition zone. In general, surficial saprolitic soils are clay-rich due to greater weathering and become coarser grained and more permeable with depth.

2.6.2 Site-Specific Geology

Geology at the Site is comprised of surficial fill material underlain by native saprolite and partially weathered bedrock in a thin transition zone, and competent gneissic bedrock. Fill material covers most of the Site to a depth of 2 to 3 feet and was characterized as sandy clay loam. Up to 60-feet of native saprolite was measured in the monitoring wells followed by a weathered bedrock transition zone above competent bedrock. Competent bedrock was encountered at depths near 60-feet in monitoring wells near the western building wall. An undulating bedrock surface in the vicinity of the Site was evident from surface observations and drilling observations.

A Site geologic cross-section was prepared with cross section locations shown in Figure 5, and Cross-Sections A-A' and B-B' shown in Figures 5 and 6, respectively. The cross sections show the extent of the saprolite and water bearing zone which slopes southwest towards the creek discharge.

2.6.3 Site-Specific Hydrogeology

The groundwater at the Site is found in an upper water bearing zone in the saprolite, and a deep water bearing zone in the fractured bedrock. Groundwater flow directions are estimated by plotting groundwater elevation contours from water level measurements in the surveyed monitoring well network. Groundwater elevation contours are shown in Figure 8.

Water level measurements are collected groundwater monitoring in November 2012, January 2013 and May 2014. Groundwater elevation measurements collected from Site monitoring wells are summarized in Table 1. In 2014, depth to water measurements ranged from 10 to 22 feet bls. Observed groundwater elevations increased more than 10-feet in some areas between 2013 through 2014 as a result of abundant

precipitation and the cessation of drought conditions. Consistent with a recharge discharge scenario, groundwater elevations in monitoring wells MW-9 and MW-15 near the creek discharge zone increased less than wells in the upgradient recharge areas near MW-10 and MW-12.

Aquifer properties were evaluated using slug tests performed on three monitoring wells during January 2013 which are presented in Appendix VIII. Hydraulic conductivity at the Site was measured at 4.8 to 5.2 ft/day in the lower saprolite intersected by MW-2 and MW-3. Lower conductivity was estimated in the upper saprolite based on purging and recharge observations. Based on typical heterogeneity, it is expected that hydraulic conductivity in the saprolite ranges from 0.1 to 10 ft/day. Hydraulic conductivity for the partially weathered rock intersected by MW-1 was very low and could not be determined accurately by the slug test method.

Porosity was estimated based on typical conditions for silty, sandy saprolite to be between 20-30%. The horizontal hydraulic gradient varied across the Site. From the upgradient well MW-12 southwest over a distance of 1,035 feet to the creek discharge well MW-9, the observed gradient in 2014 and 2013 was 0.027 and 0.020, respectively. Based on an average gradient of 0.027 to 0.020, and an estimated range of hydraulic conductivity from 1 to5 ft per day. Using a hydraulic conductivity of 5 ft/day, the calculated linear groundwater flow velocity across the Site ranged from 126 to 150 feet per year for 2013 and 2014, respectively. Discrete areas of lower and higher groundwater flow are expected based on variability in the saprolite permeability.

3.0 SITE ASSESSMENT

Contamination from an unknown release of PCE was discovered during soil vapor sampling within the building during March 2011. A subsequent groundwater assessment was performed from November 2012 through January 2013 which included the installation of fifteen (15) monitoring wells at the Site.

3.1 SOIL GAS ASSESSMENT

Facility records indicated that chlorinated solvent waste was generated at the Site during the 1980s. To ensure safe working conditions, soil gas sampling was performed to determine whether volatile organic compounds (VOCs) were present in soil gas. Soil gas analytical results are summarized in Table 1, and copies of soil gas laboratory report and chain of custody forms are included as Appendix VI.

Soil gas was assessed across the Site using passive soil gas sampling devices and through direct measurements of soil vapor using field instruments. CRB deployed nine (9) passive soil gas sample capsules using hand equipment during February 2011 in the locations shown in Figure 4. The passive soil gas capsules were installed in ½-inch diameter boreholes drilled by hand to a depth of 36-inches and then sealed using a cork until retrieval. Additional details and description of the soil gas sampling methodology is provided in Appendix VI.

Shallow soil gas sample capsules were collected in March 2011 and delivered under chain of custody to Beacon Environmental Services, Inc., in Bel Air, Maryland, for laboratory analysis. The analytical results reported relatively low concentrations of PCE in an isolated area near the western end of the building. As shown in Figure 4, the soil gas concentrations of PCE did not extend significantly beyond the building footprint, and no exterior source areas were identified on the basis of the soil gas survey.

The passive soil gas results were a mass-based measurement and were not directly comparable to regulatory compliance standards. Vapor measurements collected using a field organic vapor analyzer (OVA) were the below detectable level of 0.1 ppmV in all of the soil gas sample locations and soil boring intervals.

The contours shown in Figure 4 represent the mass of PCE identified in soil gas samples. The greatest mass of PCE in soil gas was 12.3 micrograms identified beneath the building slab in sample SG-2, located near the injection mold area, and extending south towards SG-4 near the southern building corner in the direction of groundwater flow at the Site.

Noted soil gas concentrations of other VOCs included 1,1,2-trichloro-1,2,2-fluoroethene (1,1,2-TCFA) which is a refrigerant and cleaning solvent, and toluene was identified only in the sub-slab soil gas samples SG-1 and SG-2. The solvent 1,1,2-TCFA was identified in sub-slab sample SG-2 and SG-5, located near the southwest building corner.

3.2 GROUNDWATER ASSESSMENT

Eleven (11) groundwater monitoring wells were installed at the Site during November 1 and 2, 2012, and four (4) delineation wells were installed on December 28, 2012 by Sadaecco Drilling Inc., of Fort Mill, South Carolina. The total depths of the well screens were selected to encounter shallow groundwater above the bedrock surface which ranged from thirty-one (31) feet to seventy (70) feet below ground. Monitoring well locations are shown in Figure 5. Monitoring well construction details

are summarized in Table 2. Monitoring well logs and SCDHEC Water Well Records are included in Appendix V.

Monitoring wells MW-1, MW-2, MW-3, and MW-11D were installed using a truck-mounted hollow stem auger rig. An 8.25-inch diameter auger was advanced to refusal in each location. For bedrock well MW-11D, a PVC surface casing was grouted to the bedrock surface at 60-feet bls and then drilled out using an air rotary bit into the crystalline bedrock to a total depth of 72-feet bls. In these wells, 2-inch diameter PVC wellscreen and surface casing was installed in each boring with a #6/20 sieve gravel pack across the screened interval.

Monitoring wells were also installed as direct-push monitoring wells due to access restrictions in the wooded portion of the site or inside the building. For direct push wells, a 4.25-inch diameter macro-core sampling device was advanced using a track-mounted direct-push rig. The boreholes were advanced to refusal depth and a 1-inch diameter PVC wellscreen and casing was installed with a #6/20 sieve gravel pack across the screened interval.

Each monitoring well borehole was completed with neat cement grout to the surface. For wells in the yard area, flush-mounted manholes and concrete pads were constructed. Monitoring wells installed in the wooded area were left as 2-foot stick ups to enable return accessibility. Each well was sealed with a locking expandable wellcap and standard padlock.

3.2.1 Groundwater Elevation Monitoring

Prior to each sampling event, groundwater elevation surveys were performed using an electronic water level indicator. A survey of well casing elevations was performed relative to an arbitrary on-site benchmark in order to determine relative groundwater elevation across the Site. The surface water stage elevation of the creek stage was estimated based on survey measurements and the Greenville County topographic map data. A summary of historic groundwater elevation measurements is included in Table 3.

A diagram of groundwater elevations was prepared as Figure 8 in order to analyze groundwater flow patterns at the site. Groundwater elevations beyond the Site boundary were inferred based on typical hydrogeological conditions and the topographic surface.

As depicted in Figure 8, the groundwater surface slopes southwest from an upgradient recharge zone which begins northeast of Old Stage Road. The slope of the groundwater surface reflects the general topography of the Site. The groundwater elevation is nearly 30-feet higher along Old Stage Road compared to the elevation of the creek and in downgradient well MW-15. From the western end of the building the direction of groundwater flow turns more southerly towards the creek headwaters along the southern property boundary.

3.2.2 Groundwater Flow Characteristics

The groundwater measurements were evaluated to develop the following conceptual model of groundwater flow. Groundwater is present at the Site as a water table aquifer with depth to water ranging from 10-20 feet and extends to the top of bedrock at a depth of 50-70 feet. Groundwater flow at the Site is to the southwest in the direction of a perennial stream and tributary to Rocky Creek.

Permeability in the saprolitic transition zone was high with hydraulic conductivity measured at five (5) feet per day from slug tests performed in two shallow monitoring wells. Slug tests were performed on MW-1, MW-2 and MW-3 during January 2013 using a submersible pressure transducer and datalogger. The data and graphic evaluations of the slug test data using the Bouwer and Rice analysis are included in Appendix VIII.

Hydraulic conductivity measured in MW-2 and MW-3 was calculated to be 4.8 feet per day and 5.2 feet per day, respectively. These measurements were consistent with conductivity measured in transition zone wills with moderate permeability. Variability in hydraulic conductivity is expected from well to well based on the zones of sand and slay which are common in saprolite.

The slug test performed on MW-1 showed almost no response to the slug displacement, and the permeability of the partially weathered rock at MW-1 was determined to be lower than could be accurately determined by the slug test apparatus, with a corresponding hydraulic conductivity estimated to be less than 0.01 feet per day.

3.2.3 Bedrock Groundwater Flow and Vertical Gradient

Lower permeability is expected in shallow saprolite based on lower recharge rates, and very low permeability was observed in bedrock well MW-11D and in MW-1 which intersected partially weathered rock. No significant fractures were encountered in the upper ten feet of bedrock and upward vertical gradient was measured between shallow/bedrock pair MW-4 and MW-11D during 2013 and 2014. Hydraulic gradient calculations are presented in Appendix IX.

The potential for bedrock groundwater contamination was minimized based on several factors including the BDL results reported in monitoring well MW-1 and MW-11D in the main axis of the plume. The absence of bedrock contamination was further explained by the low bedrock permeability and the competent bedrock surface with few fractures; and the measured upward hydraulic gradient which carries water from the bedrock into the overlying saprolite.

3.2.4 Horizontal Gradient

A strong horizontal hydraulic gradient of 0.27 was measured across the length of the Site from upgradient well MW-12 to creek discharge well MW-9. A higher localized gradient up to 0.10 was measured in the area west of the building between wells MW-4 and MW-6. Average linear groundwater flow velocity across the site was estimated between a low range of 30 feet per year in the upper saprolite and over 200 feet per year in localized zones west of the building.

3.2.5 Groundwater Sampling Methodology

Groundwater samples were collected from the monitoring well network by CRB personnel during November 2012, January 2013, and May 2014. Prior to sampling, depth-to-water measurements were collected from each well and each monitoring was purged using a submersible pump or hand operated inertia pump until pH, conductivity, ORP, oxygen and temperature stabilized. Groundwater samples were collected in laboratory pre-cleaned bottles and were delivered via overnight courier to ESC Lab Sciences, Inc., of Mt. Juliet, Tennessee, or Pace Analytical, Inc., of Huntersville, NC, both SCDHEC certified analytical laboratory. The samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260. Chain of custody and laboratory analytical reports are is included in Attachment VII.

3.2.6 Groundwater Analytical Results

Groundwater analytical results from 2012, 2013 and 2014 are summarized in Table 3. Groundwater physical parameters measured during from purging are summarized in Table 4. Groundwater laboratory analytical reports and Chain of Custody forms are provided in Appendix VII. A diagram of PCE concentrations and measured during May 2014 is provided as Figure 9. Comparable PCE concentrations from January 2013 are shown in Figure 10.

Concentrations of PCE were reported from below detectable levels (BDL) to a maximum of 480 ug/L measured in MW-6 during January 2013. PCE was identified as the primary Constituent of Concern (COC) for the Site.As of May 2014, the PCE concentration in MW-6 decreased to 185 ug/L, and PCE concentrations decreased in most wells from 2013 through 2014. The concentration of PCE increased in source area well MW-10 from 120 ug/L in November 2012 to 172 ug/L in May 2014.

Low concentrations of cis-1,2-dichlroethene (DCE) Concentrations of the Freon 113 solvent 1,1,2-trichlorotrifluoroethane (112-TCFM) up to 1,100 ug/L were also reported, which were below USEPA risk-based screening levels for groundwater.

3.3 SOURCE EVALUATION

The concentrations of PCE in groundwater at the Site were attributed to an unknown past release, and the distribution of groundwater concentrations within the plume is consistent with a limited release which probably occurred prior to 1997. PCE has not been used since BEA's acquisition of the Site, and no evidence of PCE use or PCE containing waste was evident at the time of the property acquisition. The relatively low concentrations of PCE in groundwater do not appear to constitute an immediate health-risk to on-site workers.

A source area for PCE was identified near MW-10 within the building footprint which was confirmed by soil gas delineation and corresponded to the original western building entrance and loading dock. The maximum PCE concentration in the source area was measured at 172 ug/L in MW-10 during May 2014. As shown in Figure 4, PCE concentrations extended from beneath the building to the southwest in the direction of groundwater flow. Near the building, the plume was defined by low of BDL concentrations to the north and south in MW-1 and MW-3.

The presence of PCE in MW-6 downgradient from the source area at concentrations higher than the source area well was indicative of a one-time release and resulting migration over several years. The travel time required to distribute low PCE concentrations to MW-15 more than 800-feet from the source area is consistent with a release in the source area prior to 1997 when the suspected source area was covered during an expansion of the facility.

3.3.1 Groundwater Plume Delineation

Concentrations of PCE extended southwest from MW-10 approximately 900-feet where groundwater was expected to discharge to surface water as baseflow into a perennial creek along the southern property boundary. The downgradient PCE concentration of 11.6 ug/L was measured in MW-9 and 7.7 ug/L in MW-15.

The estimated surface area of PCE concentrations above the 5 ug/L MCL was estimated to be 235,000-square feet, with an average plume concentration between 35-50 ug/L. The average plume thickness was estimated to be 25-30 feet, corresponding to a plume volume of approximately 13-16 million

gallons as calculated in Table 6. Using a conservative average groundwater concentration of 50 ug/L, the total dissolved mass of PCE expected in the groundwater was 6.7 pounds as calculated in Appendix IX.

The PCE plume was defined horizontally by MW-12 in the upgradient direction; by MW-3 and MW-8 to the south; MW-1 to the north; MW-13 and MW-15 to the west. The southwest boundary of the plume was defined generally by the creek and by MW-8, MW-9 and MW-15. The plume was defined vertically by bedrock well MW-11D, which is consistent with the upward hydraulic gradient measured between MW-4 and MW-11D.

Groundwater parameters measured during purging and summarized in Table 5 documented generally aerobic conditions which was consistent with the absence of significant degradation compounds such as trichloroethene (TCE), dichloroethene (DCE) and vinyl chloride.

4.0 LAND USE ASSESSMENT

Information on present and historical land use at the Site and surrounding properties was conducted through reviews of regulatory records, aerial photographs, and interviews with knowledgeable persons.

4.1 SITE REGULATORY RECORDS

CRB obtained the most recent USEPA and SCDHEC database listings for the Site through the Envirofacts and ECHO federal database listings, which are included in Appendix IV. CRB also retained Environmental Data Resources, Inc. (EDR) to provide a database search of federal, state, and local environmental records for the Site and nearby properties. Specific databases searched and the search radius for each are identified in the EDR report. A copy of EDR's report and search radius map is included in Appendix IV. It should be noted that this information is reported as CRB received it from EDR, which in turn, reports information as it is provided in various government databases.

Listings for the Site were reviewed for air emissions, hazardous waste generator records and disposal inventory records. The Site reported 151 pounds of lead disposal to landfills in reporting year 2002 for the Toxic Release Inventory program.

4.1.1 Surrounding Property Listings

Numerous neighboring properties were listed on the EDR database report including nearby hazardous waste generators, underground storage tank sites, and air emission sites. No records of remediation or releases were identified which were thought to have impacted the Site.

Several properties adjacent to the Site were listed in the EDR database report. Surrounding properties that were identified on the EDR included one (1) RCRA Large Quantity Generator (LQG) which was also listed in the federal Toxic Chemical Release Index System (TRIS), and one (1) RCRA SQG. The Cryovac/Sealed Air Corporation site south and east of the Site was a LQG for numerous hazardous wastes. No surrounding properties considered to be of environmental concern were identified through the regulatory database review.

4.2 LOCAL AGENCY REVIEW

In addition to the database list search, CRB requested files from SCDHEC to obtain information regarding the environmental condition of the Site and relevant adjacent properties. The Site maintains an air permit for emissions related to coating operations. The Site was listed with an active air permit as part of the State Implementation Plan (SIP) for xylene air emissions. The Site is inspected annually by SC DHEC for air permit compliance. Issues have been reported during SC DHEC inspections related to correctly calculating total potential emissions. The Site appeared to be in compliance as of May 2014.

No active remediation or releases to soil or groundwater was reported at the site. A loading dock spill of twenty-five (25) gallons of methacrilic acid occurred in 2009, but no violations or remediation were reported as a result of the spill. Hazardous waste generated at the Site was less than 100 kilograms per month, and included waste chlorinated solvents (Waste Code F001) and non-halogenated solvents (Waste Code F003) reported in 1984.

4.3 HISTORIC RECORD REVIEW

CRB obtained historical use information about the Site and adjoining properties to the extent feasible through the review of the historical data sources specified in Appendix II and during the Site inspections. Historic records included public aerial photographs and City Directory listings for the Site vicinity.

4.4 AERIAL PHOTOGRAPH REVIEW

CRB reviewed aerial photographs of the Site and surrounding areas to determine past land uses. The aerial photographs reviewed were obtained from EDR, Inc. Photographs from the years 1955 through 2006 were reviewed. Information obtained from the aerial photographs is summarized below for select pertinent years. Copies of select aerial photographs are included in Appendix II.

1955 – The Site was undeveloped with agricultural terraces evident. The Cryovac (WR Grace) site was under development south of the Site.

1965 - The Site is developed with the main building and parking areas. Earth moving and clearing is evident in the western end of the Site. The Sealed Air / Cryovac site south of the Site appeared developed.

1978, 1981, 1989, 1994 – The building and parking areas of the Site were unchanged. The Site was surrounded by wooded undeveloped property.

2005, 2006 – The Site and the north, east, south and west surrounding areas appeared to be in the same configuration as observed at the time of the Site inspection. An addition to the west end of the building was evident. The concrete plant west of the Site and several sites along Old Stage Road were additional developments.

2013 – The Greenville County 2013 aerial photograph and tax map of the Site showed an additional addition to the northwest corner of the building. Several of the monitoring wells pads were visible in the aerial photograph. No changes to the neighboring properties was evident.

4.4.1 City Directories

Cross-Reference City Directories were used to determine past uses of the Site and adjacent properties as indicated by previous occupants. Directories for the years spanning 1998 through 2009. No coverage was available in this area in the 1993 and earlier directories. A copy of the City Directory Abstract is included in Appendix II. According to the City Directories, the Site and surrounding properties were listed as Woven Electronics.

4.5 SURROUNDING PROPERTY SUMMARY

The results of the Site and surrounding property land use investigation indicate that industrial land use throughout the area encompassing the Site since the 1960s was primarily industrial. No documented groundwater contamination was reported at properties upgradient to or adjoining the Site. The uses of the adjoining properties was previously described in Section 2.3.

5.0 EXPOSURE PATHWAY EVALUATION

The evaluation of potential exposure pathways considered for on-site and off-site locations and included soil vapor intrusion associated with the groundwater plume, downgradient water supply wells, and surface water bodies within one-half (½) mile of the Site. No public or private drinking water supplies were identified within 1,500-feet of the Site.

5.1 MIGRATION PATHWAYS

No shallow natural or manmade migration pathways were identified during the site assessment. A utility drainage survey and review of groundwater flow patterns at the Site were conducted to evaluate potential migration pathways. No stormwater conduit or catch basin structures were identified in the western area of the Site which would be expected to act as a migration pathway. The current facility wastewater pipe extends from a lift station west of the building northeast towards the municipal sewer main along Old Stage Road.

The original facility wastewater system discharged from a package treatment system via an unused clay pipe conduit to the southwest. The unused clay pipe was located and observed along the path of the property extension to the southwest within the upper 3-4 feet and did not extend into the water table. Accordingly, the former wastewater pipe was not identified as a migration pathway. Manholes delineating the path of the former clay pipe drain line are shown on Figure 5 and Figure 8.

5.2 DIRECT EXPOSURE

The results of the soil gas assessment did not indicate shallow soil contamination beyond the building perimeter, and no obvious soil contamination was observed during the installation of fifteen (15) monitoring wells at the Site. The groundwater analytical results confirm a source area located under the western building slab. Exposure to contaminated soil under the building is unlikely. Consideration should be given to the subsurface construction scenario in order to properly manage any contaminated soil which may be encountered.

5.3 WATER SUPPLY

A public water supply connection was confirmed at the Site, and no on-site water supply wells were identified in any historic records or site inspections. A review of nearby registered water supply wells was conducted through a review of public database records, aerial photography and area reconnaissance. Several residential buildings were identified northwest of the Site in a cross-gradient groundwater flow direction, however, no obvious or registered water wells were identified within a ½-mile radius of the Site, and public water supply was available in the area of the Site. Database records are presented in the EDR Report included as Appendix IV.

5.4 SURFACE WATER

Shallow groundwater discharged to an unnamed tributary to Rocky Creek along the southwestern property boundary. The surface water flows through an undeveloped and remote vacant land area with no indication of regular contact with Site or neighboring property personnel. Rocky Creek drains a commercial area and eventually flows into the Reedy River approximately 3-miles south of the Site.

Based on the low groundwater PCE concentrations measured in downgradient wells MW-8 (BDL), MW-15 (7.7 ug/L) and MW-9 (11.6 ug/L to 68 ug/L), it is unlikely that significant PCE concentrations are present in the creek. No surface water samples were collected, and surface water concentrations were unknown.

5.5 SOIL VAPOR

Volatilization of PCE from groundwater into soil gas was measured during soil gas assessment performed in 2011. Mass partition calculations included in Appendix IX correlated the low groundwater concentrations at the site with relatively low soil gas concentrations measured in field vapor analyzer results and low PCE mass measured in passive soil gas sampling devices. Based on the low soil gas measurements near the industrial buildings at the Site, soil vapor intrusion was identified as an exposure pathway, but the potential for significant concentrations in excess of industrial risk-based concentrations was low.

6.0 FINDINGS & RECOMMENDATIONS

Based on laboratory analytical results, concentrations of target groundwater compounds decreased significantly in key monitoring wells in each area of the Site during 2012. Concentrations of PCE above the MCL standard were detected in groundwater samples from monitoring wells across the Site through May 2014. Based on analytical results from soil gas measurements across the Site, no excessive exposure to workers was identified as a result of the groundwater concentrations.

6.1 SITE HYDROGEOLOGY

Based on the site assessment performed to date, the following characteristics describe groundwater flow at the Site:

- Groundwater is present at the Site as a water table aquifer with depth to water ranging from 10-15 feet and extending to the top of bedrock at a depth of 50-70 feet.
- Groundwater flow is to the southwest in the direction of a perennial stream and tributary to Rocky Creek.
- Permeability in the saprolitic transition zone was high with hydraulic conductivity measured at five feet per day from slug tests performed in two shallow monitoring wells. Lower permeability is expected in shallow saprolite based on lower recharge rates. Low permeability was observed in bedrock wells, and no significant fractures were encountered in the upper ten feet of bedrock.
- A strong horizontal hydraulic gradient of 0.27 was measured across the length of the Site from upgradient well MW-12 to creek discharge well MW-9. A higher localized gradient up to 0.10 was measured in the area west of the building.
- Upward vertical gradient was measured between shallow/bedrock pair MW-4 and MW-11D during 2013 and 2014.
- Average linear groundwater flow velocity across the site was estimated between 30 feet per year and over 200 feet per year in localized zones.

6.2 CONTAMINANT SOURCE

The concentrations of PCE in soil vapor and groundwater were attributed to a one-time release prior to 1997. Chlorinated solvents, including PCE, are no longer used at the Site, and no current process or recent release was identified as a source.

Although no specific historic process, release event or structure was identified as a source for the PCE measured at the Site, the geometry of the soil gas and groundwater plumes corresponded with a possible laydown area and loading dock which was identified at the western building wall prior to a facility expansion in 1997. Monitoring well MW-10 was installed at the location of the former western loading dock area.

Site hazardous waste disposal records from 1984 included disposal of F001 Hazardous Waste (PCE/TCE) consisting of chlorinated solvents from a vapor degreasing operation. No evidence of a surface spill or shallow soil contamination beyond the building boundary was identified at the Site during the soil gas or groundwater assessment.

6.3 GROUNDWATER PLUME CHARACTERISTICS

The source and extent of PCE in groundwater was characterized based on groundwater analytical results and the following findings:

- A source area for PCE was identified near MW-10 within the building footprint which was confirmed by soil gas delineation and corresponded to the original western building entrance and loading dock. The maximum PCE concentration in the source area was measured at 172 ug/L in MW-10 during May 2014.
- The maximum plume area PCE concentration of 480 ug/L was measured in January 2013 in shallow monitoring well MW-6. As of May 2014, the PCE concentration in MW-6 decreased to 185 ug/L.
- Concentrations of PCE extended southwest from MW-10 approximately 900-feet where groundwater was expected to discharge to surface water as baseflow into a perennial creek along the southern property boundary. The downgradient PCE concentration of 11.6 ug/L was measured in MW-9 and 7.7 ug/L in MW-15.
- The surface area of PCE concentrations above the 5 ug/L MCL was estimated to be 235,000-square feet. The average plume thickness was estimated to be 25-30 feet, corresponding to a plume volume of approximately 13-16 million gallons.
- The presence of PCE in MW-6 downgradient from the source area at concentrations higher than the source area well was indicative of a one-time release and resulting migration over several years.
- The PCE plume was defined horizontally by MW-12 in the upgradient direction; by MW-3 and MW-8 to the south; MW-1 to the north; MW-13 and MW-15 to the west. The southwest boundary of the plume was defined generally by the creek and by MW-8, MW-9 and MW-15.
- The plume was defined vertically by bedrock well MW-11D, which is consistent with the upward hydraulic gradient measured between MW-4 and MW-11D.
- Generally aerobic conditions were consistent with the absence of significant degradation compounds such as trichloroethene (TCE), dichloroethene (DCE) and vinyl chloride.

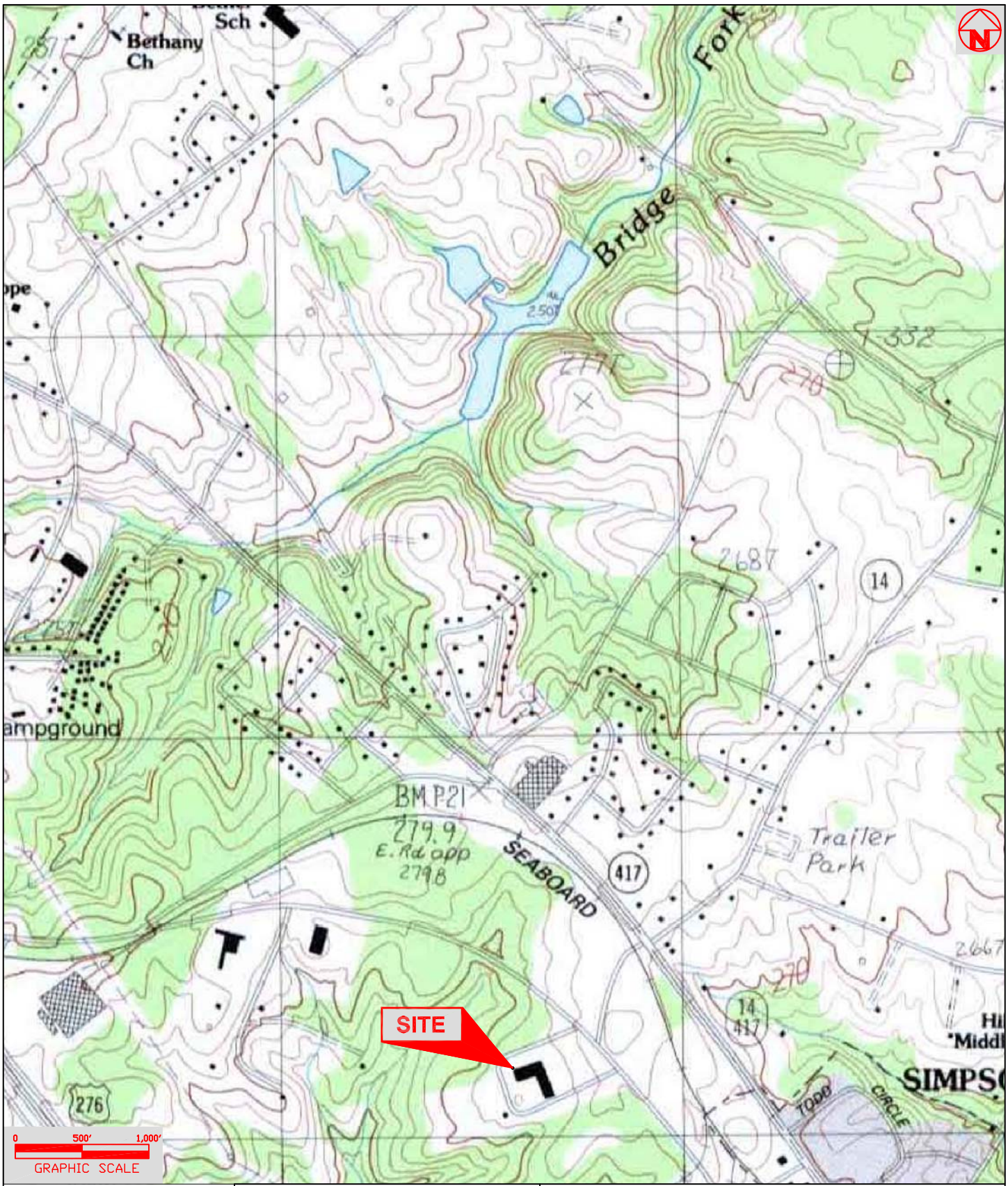
6.4 GROUNDWATER REMEDIATION RECOMMENDATION

An evaluation of remedial options and objectives is recommended as part of a groundwater monitoring program and Remedial Action Plan. The relatively low PCE concentrations observed at the Site are persistent due to residual PCE present under the building in the source area. The aerobic aquifer conditions have inhibited reductive dechlorination so that almost no secondary contaminants are present at the Site.

With respect to receptor exposure, the slow discharge of PCE to surface water is not expected to result in surface water exceedances. The risk from vapor intrusion at the building on the Site is also considered minimal, and is not expected to result in any indoor air exceedances for commercial structure. No off-site buildings, water wells, sensitive receptors or residential structures were identified in the area of the plume.

FIGURES

Figure 1 - Site Location Map
Figure 2 - Site and Surrounding Area Map
Figure 3 - Site Map
Figure 4 - Soil Gas Sampling Resuls
Figure 5 – Monitoring Well Locations and Cross Section Locations
Figure 6 - Site Cross Section A-A'
Figure 7 - Site Cross Section B-B'
Figure 8 - Groundwater Elevation Diagram, May 2014
Figure 9 - PCE in Groundwater, May 2014
Figure 10 - PCE in Groundwater, January 2013



CRB
Geological & Environmental Services, Inc.
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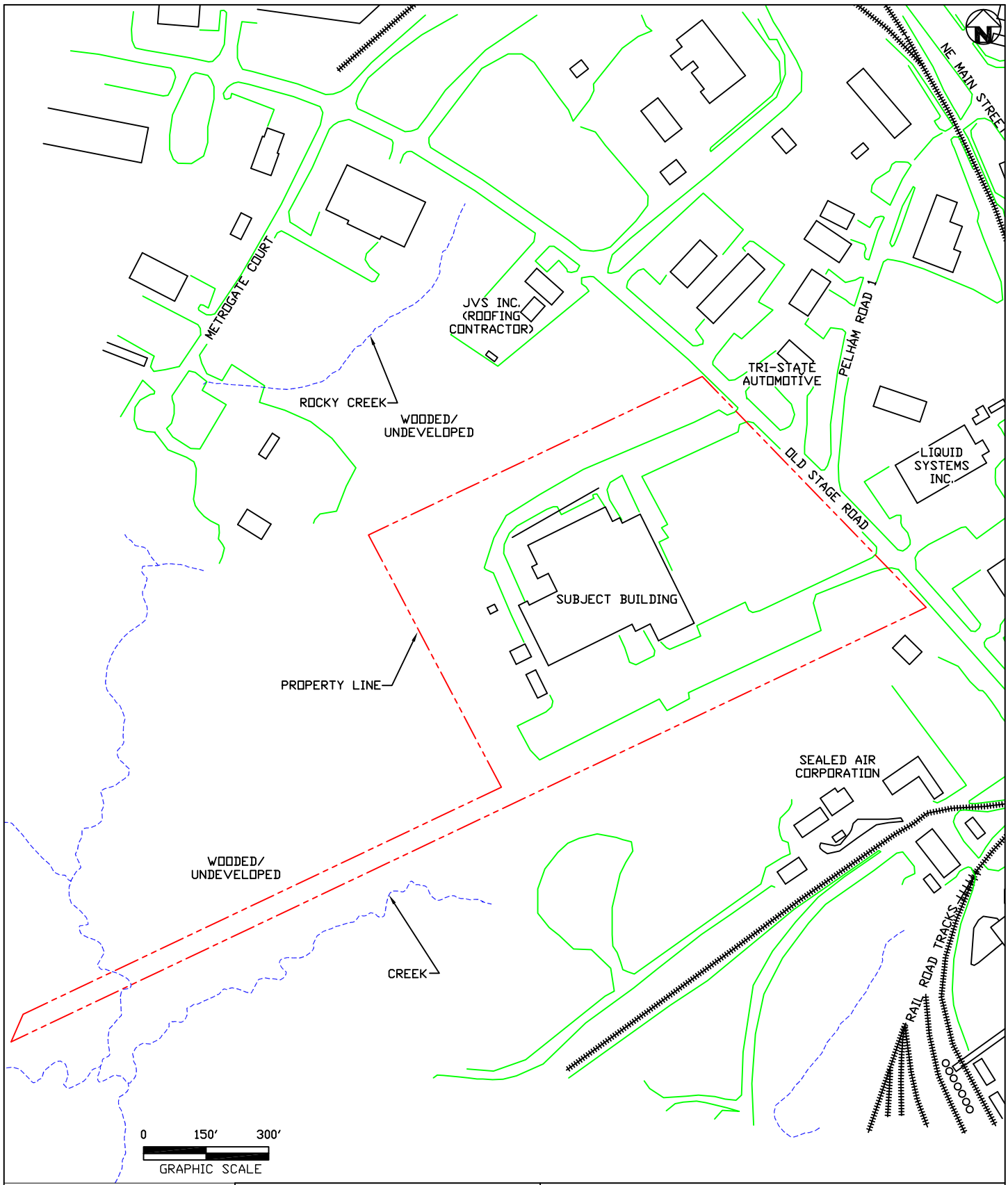
Tel: (305) 447-9777
Fax: (305) 567-2853

TITLE:
SITE LOCATION MAP
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH SAROLINA

REV'D DATE:	JUN 12, 2014	PROJECT NO.	BEA 414-26
DRAWN DATE:	SEP 20, 2010	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE 1

BEA 414...\26...\Reports\2014 CSA\CAD\F2- Site Location Map



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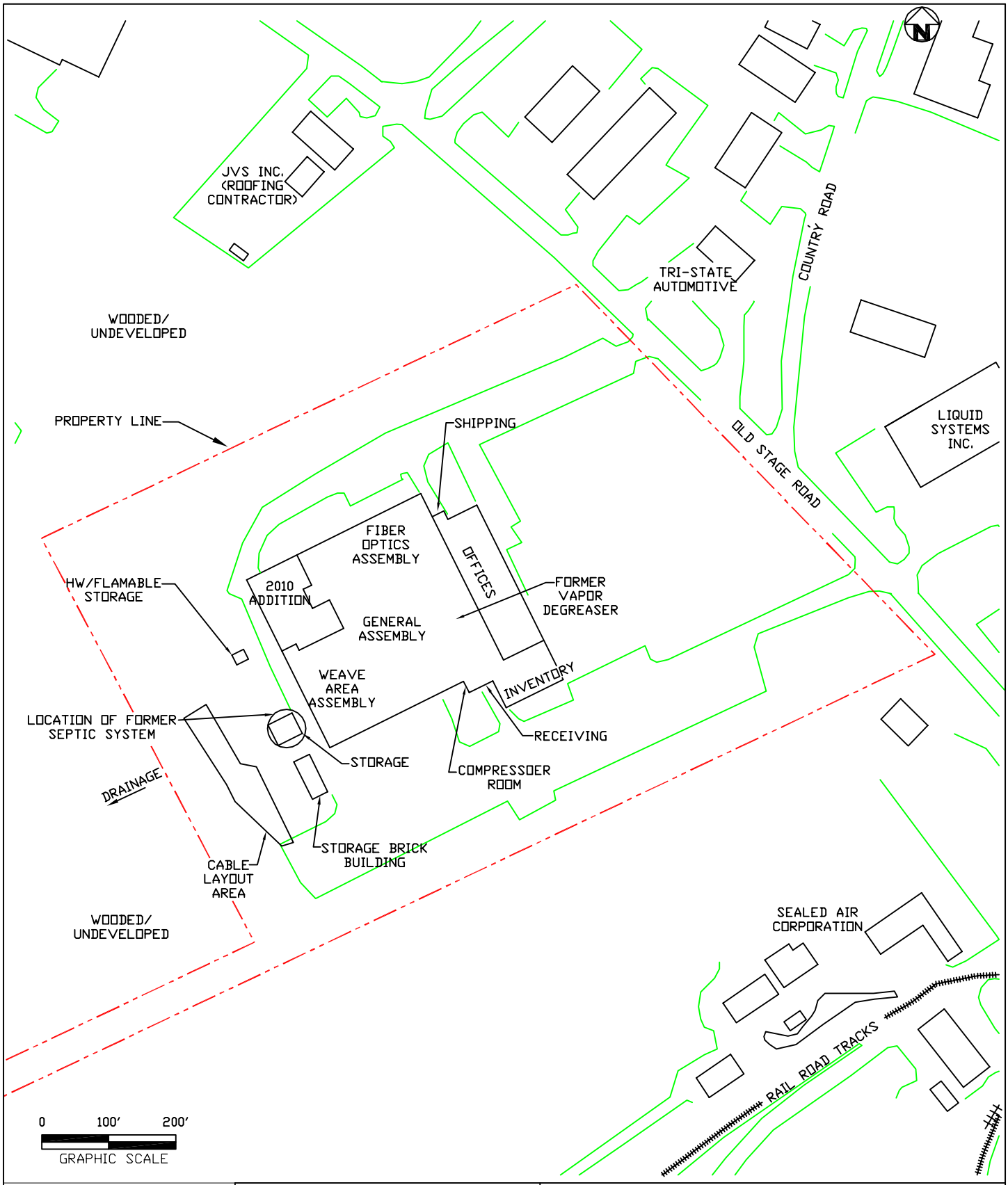
TITLE:
SITE MAP WITH SURROUNDING PROPERTIES
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	JUN 12, 2014	PROJECT NO.	BEA 414-26
DRAWN DATE:	SEP 20, 2010	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE 2

BEA 414...\26...\Reports\2014 CSA\CAD\F2- Site Map with Surrounding Properties



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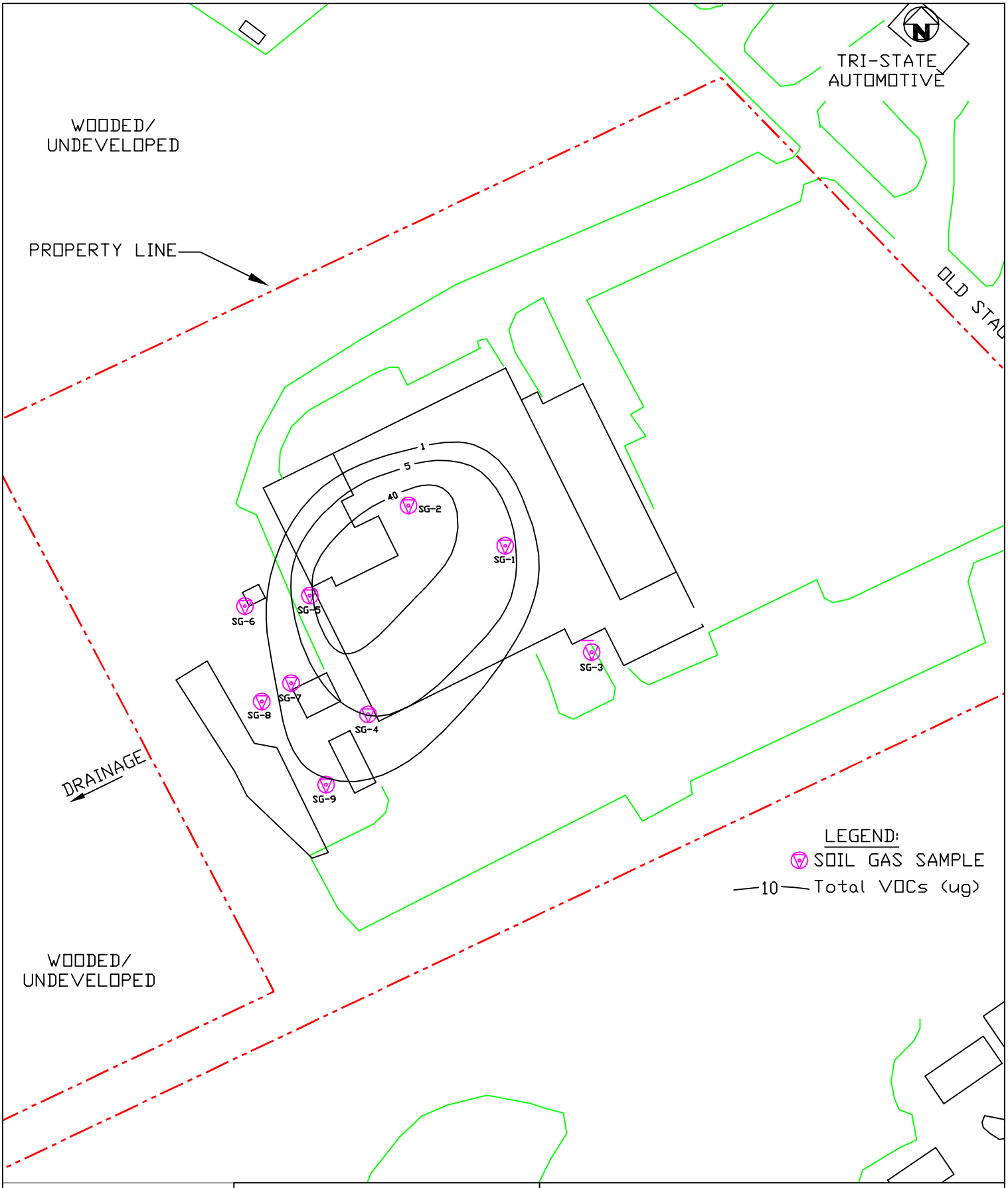
TITLE:
SITE MAP
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH SAROLINA

REV'D DATE:	SEP 27, 2010	PROJECT NO.	BEA 414-26
DRAWN DATE:	SEP 20, 2010	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE
3

BEA 414...\25...\Reports\CAD\F3- Site Map



CRB

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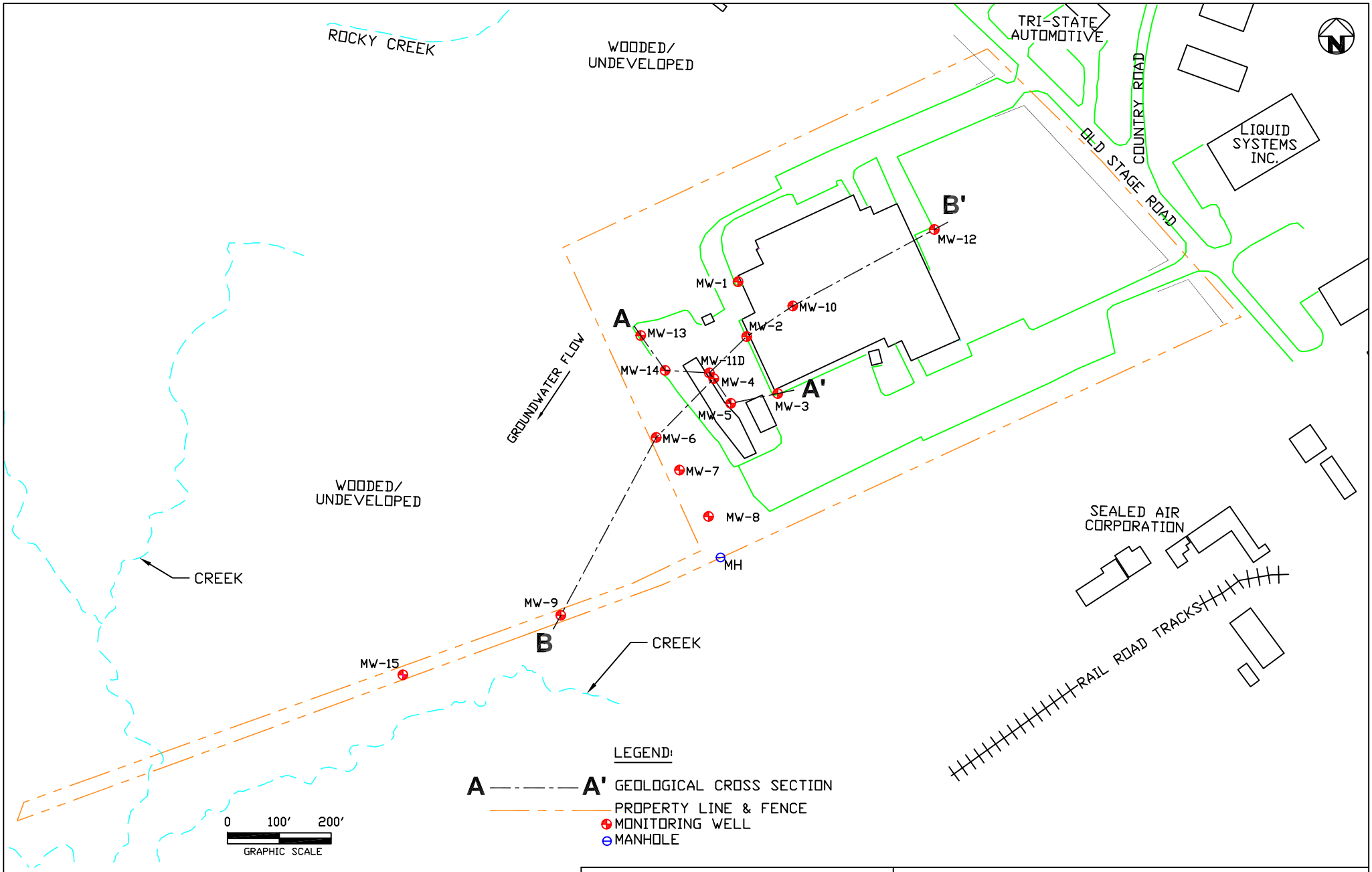
TITLE:
SOIL GAS SAMPLING RESULTS
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	MAR 28, 2011	PROJECT NO.	BEA 414-26
DRAWN DATE:	SEP 20, 2010	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE
4



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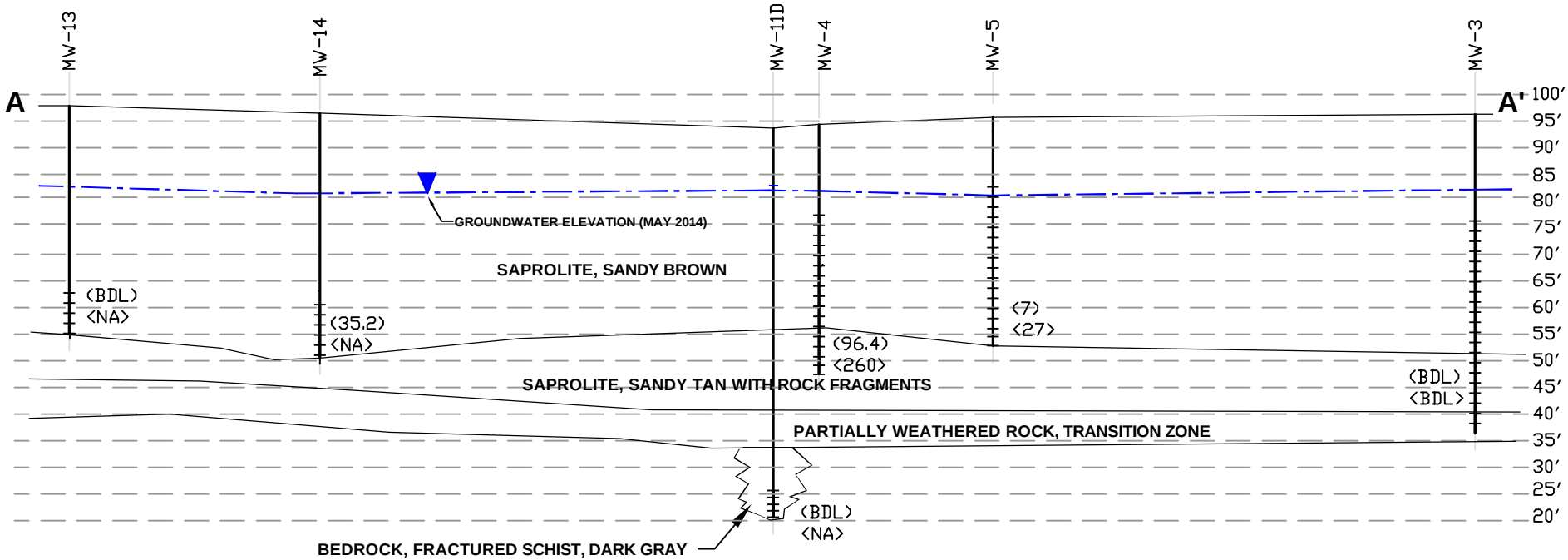
TITLE:
GEOLOGICAL CROS-SECTION LOCATOR MAP
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	JUN 10, 2014	PROJECT NO. BEA 414-26	FIGURE 5
DRAWN DATE:	JUN 10, 2014	SCALE: AS NOTED	
DRAWN BY:	L. AYALA	APPROVED BY: RW	

BEA 414...\26...\Reports\2014 CSA\CAD\F5- Geological Cross Section Locator Map



CONCENTRATIONS

(5)	TETRACHLOROETHENE
<BDL>	TRICHLOROFLUOROMETHANE
BDL	BELOW DETECTION LIMITS
NA	NOT ANALYZED

0 100' 200'

GRAPHIC SCALE

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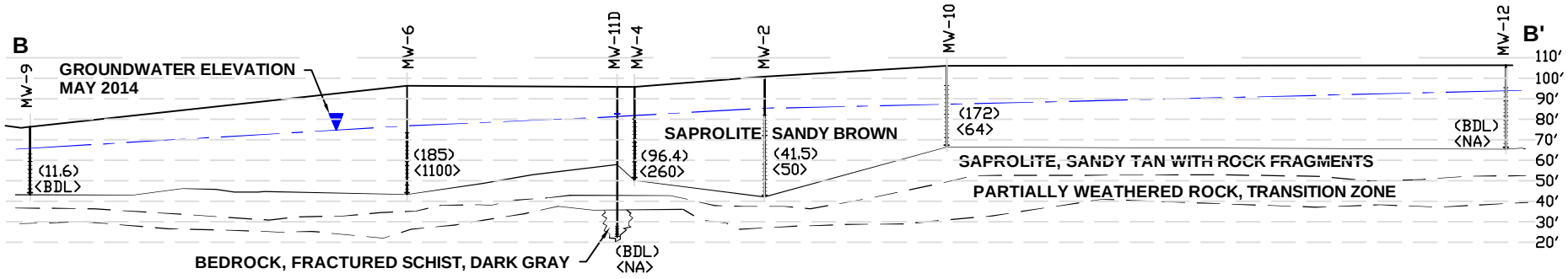
TITLE: GEOLOGICAL CROS-SECTION A-A'
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	AUG 23, 2014	PROJECT NO.	BEA 414-26
DRAWN DATE:	JUN 10, 2014	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE 6

BEA 414...\26...\Reports\2014 CSA\CAD\F6- Geological Cross Section A-A'



	CONCENTRATIONS
(5)	TETRACHLOROETHENE
<BDL>	TRICHLOROFLUOROMETHANE
BDL	BELOW DETECTION LIMITS
NA	NOT ANALYZED

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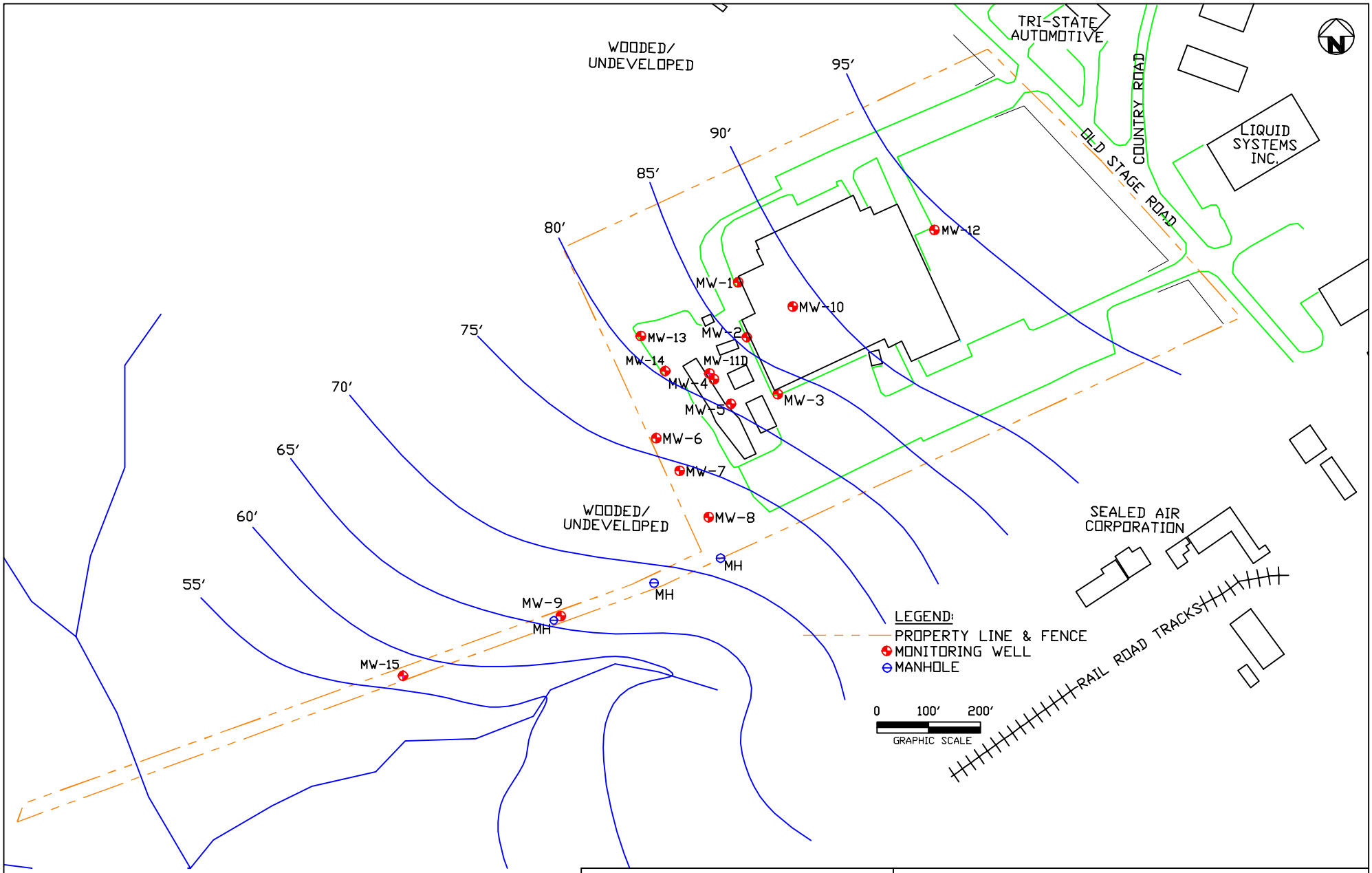
TITLE:
GEOLOGICAL CROS-SECTION B-B'
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	AUG 13, 2014	PROJECT NO. BEA 414-26	FIGURE 7
DRAWN DATE:	JUN 16, 2014	SCALE: AS NOTED	
DRAWN BY:	L. AYALA	APPROVED BY: RW	

BEA 414...\26...\Reports\2014 CSA\CAD\F7- Geological Cross Section B-B'



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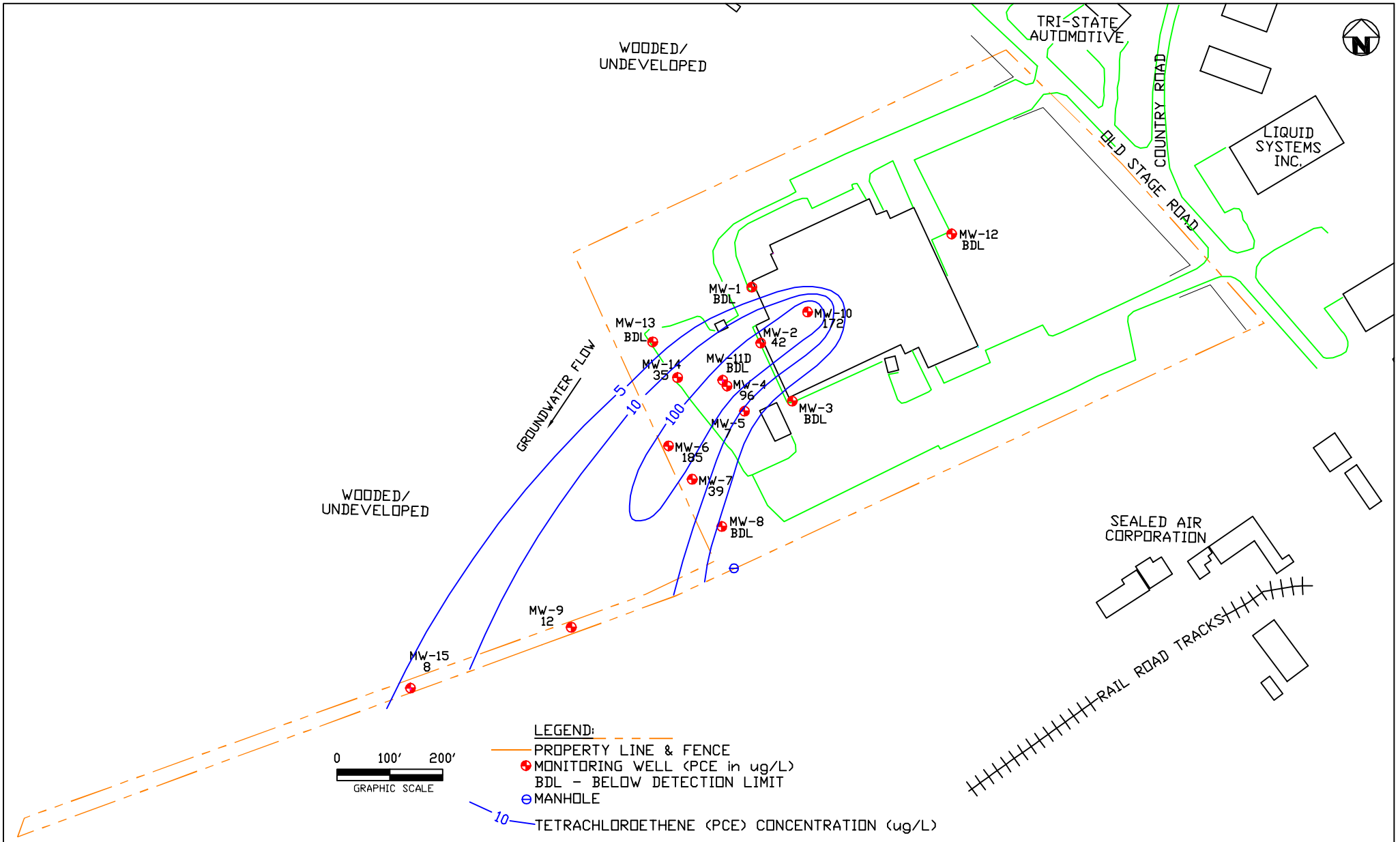
TITLE:
GROUNDWATER FLOW DIAGRAM - 5/29/2014
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	JUN 10, 2014	PROJECT NO.	BEA 414-26
DRAWN DATE:	NOV 11, 2012	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE
8



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Geological & Environmental Services, Inc.
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Tel: (305) 447-9777
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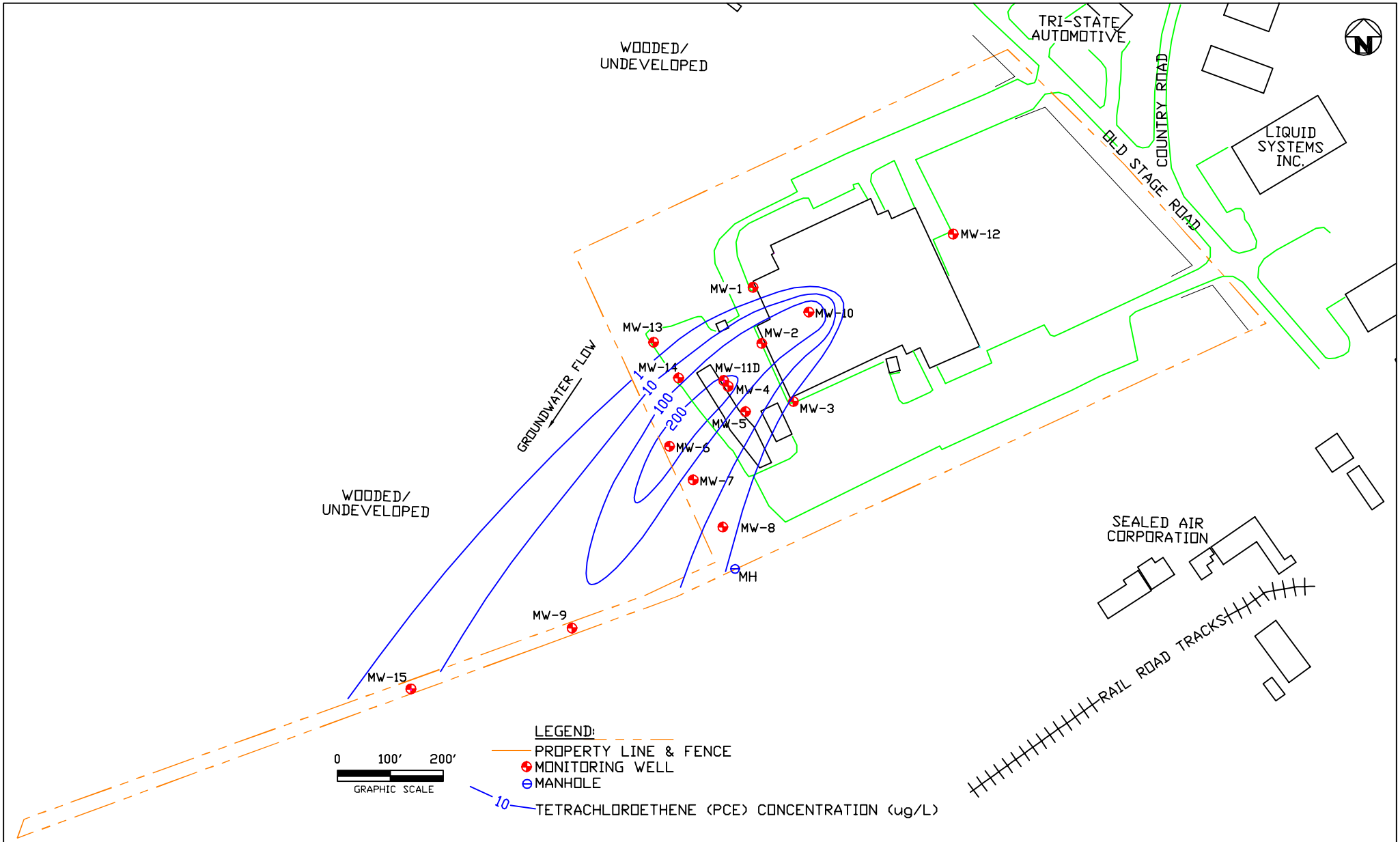
TITLE:
PCE IN GROUNDWATER - 5/29/14
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	JUN 6, 2014	PROJECT NO.	BEA 414-26
DRAWN DATE:	JAN 10, 2013	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE
9



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TITLE:
PCE IN GROUNDWATER - 1/4/2013
WOVEN ELECTRONICS
1001 OLD STAGE ROAD
SIMPSONVILLE, SOUTH CAROLINA

REV'D DATE:	FEB 12, 2013	PROJECT NO.	BEA 414-26
DRAWN DATE:	SEP 20, 2010	SCALE:	AS NOTED
DRAWN BY:	L. AYALA	APPROVED BY:	RW

FIGURE
10

TABLES

Table 1 – Soil Gas Analytical Results
Table 2 – Monitoring Well Construction Summary
Table 3 – Historic Groundwater Elevations
Table 4 - Groundwater Analytical Results
Table 5 - Groundwater Physical Parameters
Table 6 - Groundwater Plume Volume & Mass

Table 1 - Soil Gas Analytical Results
Woven Electronics, Inc.
1001 Old Stage Road, Simpsonville, SC

Sample ID	Sample Date	1,1,2-TCFA	Methylene Chloride	1,1,1-TCA	1,1-DCA	PCE	TCE	1,1-DCE	trans-1,2-DCE	Vinyl Chloride	Toluene	Ethylbenzene	p & m-Xylene	o-Xylene	1,3,5-TMB	1,2,4-TMB	Naphthalene	2-Methylnaphthalene
SG-1	3/1/2011	648	28	<	<	97	29	<	171	<	4,277	51	96	38	46	175	<	<
SG-2	3/1/2011	23,619	377	<	<	12,291	129	<	161	<	2,395	33	128	49	<	31	<	<
SG-3	3/1/2011	<	<	<	<	51	<	<	<	<	<	<	<	<	<	<	<	<
SG-4	3/1/2011	1,176	<	<	<	3,755	33	<	<	<	<	<	<	<	<	<	<	<
SG-5	3/1/2011	38,536	596	434	214	738	53	381	<	39	<	<	<	<	<	<	153	44
SG-6	3/1/2011	473	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
SG-7	3/1/2011	918	<	<	<	47	<	<	<	<	<	<	<	<	<	<	<	<
SG-8	3/1/2011	84	<	<	<	28	<	<	<	<	<	<	<	<	<	<	<	<
SG-9	3/1/2011	<	<	<	<	607	34	<	<	<	<	<	<	<	<	<	34	<

Notes:
Concentrations reported in nanograms (ng)
"<" - reported as Below Detectable Levels (BDL)
Only detected compounds shown for analysis of EPA Method 8260 Compounds

TCFA - Trichlorotriflouroethane
TCA - Trichloroethane
DCA - Dichloroethane

PCE - Tetrachloroethene
TCE - Trichloroethene
DCE - Dichloroethene
TMB - Trimethylbenzene

Table 2 - Monitoring Well Construction Summary

Woven Electronics

1001 Old Stage Road, Simpsonville SC

Well ID	Total Depth (ft)	TIC Elevation[1]	Screened Interval (ft bls)	Screened Formation	DTW	
					5/29/2014	GW Elev.
MW-1	69.71	101.71	60-70	Transition	14.49	87.22
MW-2	58.61	100.82	19-59	Saprolite	15.44	85.38
MW-3	60.28	98.98	20-60	Saprolite	16.24	82.74
MW-4	45.58	95.71	17-47	Saprolite	13.91	81.80
MW-5	41.83	97.69	13-43	Saprolite	17.01	80.68
MW-6	53.10	96.38	21-51	Saprolite	19.61	76.77
MW-7	39.71	94.07	9-39	Saprolite	19.68	74.39
MW-8	36.04	95.80	13-33	Saprolite	22.03	73.77
MW-9	33.12	76.25	11-31	Saprolite	10.42	65.83
MW-10	39.73	106.19	10-40	Saprolite	18.05	88.14
MW-11D	73.22	95.76	68-73	Bedrock	13.70	82.06
MW-12	40.97	106.37	31-41	Saprolite	12.26	94.11
MW-13	42.97	97.93	33-43	Saprolite	15.80	82.13
MW-14	45.55	97.60	36-46	Saprolite	17.17	80.43
MW-15	32.74	70.48	23-33	Saprolite	14.18	56.30

[1] - Top of Inner Casing elevation in feet relative to an arbitrary surveyed site benchmark of 10

DTW - Depth to Water

Table 3 - Groundwater Elevation Measurements
Woven Electronics
1001 Old Stage Road, Simpsonville SC

Monitoring Well	TOC Elevation[1]	Date	DTW	GW Elevation
MW-1	101.71	11/5/2012	24.05	77.66
		11/14/2012	24.31	77.40
		1/3/2013	23.61	78.10
		5/29/2014	14.49	87.22
MW-2	100.82	11/5/2012	25.18	75.64
		11/14/2012	25.45	75.37
		1/3/2013	24.75	76.07
		5/29/2014	15.44	85.38
MW-3	98.98	11/5/2012	25.55	73.43
		11/14/2012	25.75	73.23
		1/3/2013	25.05	73.93
		5/29/2014	16.24	82.74
MW-4	95.71	11/5/2012	23.25	72.46
		11/14/2012	23.60	72.11
		1/3/2013	22.90	72.81
		5/29/2014	13.91	81.80
MW-5	97.69	11/5/2012	26.15	71.54
		11/14/2012	26.40	71.29
		1/3/2013	25.70	71.99
		5/29/2014	17.01	80.68
MW-6	96.38	11/5/2012	28.79	67.59
		11/14/2012	29.05	67.33
		1/3/2013	29.75	66.63
		5/29/2014	19.61	76.77
MW-7	94.07	11/5/2012	28.42	65.65
		11/14/2012	28.59	65.48
		1/3/2013	27.89	66.18
		5/29/2014	19.68	74.39
MW-8	95.80	11/5/2012	30.45	65.35
		11/14/2012	30.69	65.11
		1/3/2013	29.99	65.81
		5/29/2014	22.03	73.77
MW-9	76.25	11/5/2012	15.73	60.52
		11/14/2012	15.78	60.47
		1/3/2013	15.08	61.17
		5/29/2014	10.42	65.83

Table 3 - Groundwater Elevation Measurements
Woven Electronics
1001 Old Stage Road, Simpsonville SC

Monitoring Well	TOC Elevation[1]	Date	DTW	GW Elevation
MW-10	106.19	11/5/2012	28.05	78.14
		11/14/2012	28.27	77.92
		1/3/2013	27.57	78.62
		5/29/2014	18.05	88.14
MW-11D	95.76	11/5/2012	-	-
		11/14/2012	-	-
		1/3/2013	24.09	71.67
		5/29/2014	13.70	82.06
MW-12	106.37	11/5/2012	-	-
		11/14/2012	-	-
		1/3/2013	23.75	82.62
		5/29/2014	12.26	94.11
MW-13	97.93	11/5/2012	-	-
		11/14/2012	-	-
		1/3/2013	27.05	70.88
		5/29/2014	15.8	82.13
MW-14	97.60	11/5/2012	-	-
		11/14/2012	-	-
		1/3/2013	27.77	69.83
		5/29/2014	17.17	80.43
MW-15	70.48	11/5/2012	-	-
		11/14/2012	-	-
		1/3/2013	16.85	53.63
		5/29/2014	14.18	56.30

[1] - Top of Outer Casing elevation in feet relative to an arbitrary surveyed site benchmark of 100 feet.

DTW- Depth to Water in feet

"-" No measurement

Table 4 - Groundwater Analytical Results - VOCs
Woven Electronics
1001 Old Stage Road, Simpsonville SC

Sample ID	Sample Date	PCE	TCE	1,1-DCE	cis 1,2 DCE	Vinyl Chloride	1,1-DCA	112-TCFM
		µg/L						
	USEPA MCL	**5**	**5**	**7**	**70**	**2**	**7**	**NR**
MW-1	11/14/12	<	<	<	<	<	<	<
	05/29/14	<	<	<	<	<	<	-
MW-2	11/14/12	**120**	<	1.4	<	<	<	50
	05/29/14	**41.5**	<	<	<	<	<	-
MW-3	11/14/12	**1.3**	<	<	<	<	<	<
	05/29/14	<	<	<	<	<	<	-
MW-4	11/14/12	**230**	<	7.9	<	<	<	260
	05/29/14	**96.4**	<	<	<	<	<	-
MW-5	11/14/12	**27**	<	<	<	<	<	27
	05/29/14	**7**	<	<	<	<	<	-
MW-6	11/14/12	**400**	<	**34**	<	<	<	1100
	01/03/13	**480**	<	**29**	<	<	<	-
	05/29/14	**185**	<	<	<	<	<	-
MW-7	11/14/12	**52**	<	<	<	<	<	2.7
	05/29/14	**38.9**	<	<	<	<	<	-
MW-8	11/14/12	**14**	<	<	<	<	<	<
	05/29/14	<	<	<	<	<	<	-
MW-9	11/14/12	**68**	<	<	<	<	<	<
	05/29/14	**11.6**	<	<	<	<	<	-
MW-10	11/14/12	**120**	<	4.6	<	<	<	64
	05/29/14	**172**	<	<	<	<	<	-
MW-11D	01/03/13	<	<	<	<	<	<	-
	05/29/14	<	<	<	<	<	<	-
MW-12	01/03/13	<	<	<	<	<	<	-
	05/29/14	<	<	<	<	<	<	-
MW-13	01/03/13	<	<	<	<	<	<	-
	05/29/14	<	<	<	<	<	<	-
MW-14	01/03/13	**46**	<	2	6.8	<	**21**	-
	05/29/14	**35.2**	<	<	16	<	**43.3**	-
MW-15	01/03/13	**7.8**	<	1.5	<	<	<	-
	05/29/14	**7.7**	<	<	<	<	<	-

< - Below Detection Limits
Only detected compounds shown for analysis of EPA Method 8260 Compounds

PCE -Tetrachloroethene
DCE-Dichloroethene
DCA - Dichloroethane
TCE-Trichloroethene
TCFM - Trichloroflouromethane

Table 5 - Groundwater Physical Parameters
Woven Electronics
1001 Old Stage Road, Simpsonville SC

MW ID	Sample Date	pH	DO ppm	ORP mV	Conductivity uS
MW-1	11/14/12	7.1	1.5	-290	134
	05/29/14	-	0.4	200	126
MW-2	11/14/12	6.0	3.5	18	60
	05/29/14	-	7.5	105	44
MW-3	11/14/12	5.5	5.9	88	30
	05/29/14	-	2.5	105	57
MW-4	11/14/12	4.9	7.3	162	41
	05/29/14	-	4.8	287	55
MW-5	11/14/12	4.9	7.2	124	29
	05/29/14	-	3.8	270	25
	06/03/14				
MW-6	11/14/12	5.0	7.6	160	34
	01/03/13	5.0	6.4	170	22
	05/29/14	-	4.2	351	60
MW-7	11/14/12	4.8	7.4	163	27
	05/29/14	-	0.9	357	32
MW-8	11/14/12	5.5	4.7	144	64
	05/29/14	-	1.3	335	30
MW-9	11/14/12	4.8	5.1	118	18
	05/29/14	-	3.6	402	42
MW-10	11/14/12	4.8	4.8	144	34
	05/29/14	-	4.2	230	30
MW-11D	01/03/13	10.0	5.1	180	143
	05/29/14	-	0.3	252	178
MW-12	01/03/13	5.4	7.0	147	14
	05/29/14	-	1.0	333	27
MW-13	01/03/13	6.0	2.5	135	41
	05/29/14	-	3.7	304	35
MW-14	01/03/13	5.0	5.0	151	25
	05/29/14	-	0.8	346	37
MW-15	01/03/13	5.3	5.1	180	25
	05/29/14	-	3.4	272	30

"<" means below detection limits

"-" means not analyzed

Table 6 - Plume Volume Calculation

Woven Electronics

1001 Old Stage Road, Simpsonville SC

Parameter	Value	Units	Derivation
Plume Area	239,000	ft^2	Elliptical area of the PCE plume boundary above 5-ug/L
Plume Thickness	30	ft	Average screened interval of impacted wells.
Plume Volume	7,170,000	ft^3	=Plume Area * Plume Thickness
Porosity	30%	%	
Total Volume	2,151,000	ft^3	=Plume Volume * Porosity
Total Volume	16,089,480	gal	

APPENDIX

Appendix I – Regulatory Correspondence
Appendix II – Historic Site Documents
Appendix III – Geological Map & Topographic Map Review
Appendix IV – Regulatory Database Records
Appendix V – Monitoring Well Logs
Appendix VI – Soil Gas Laboratory Analytical Reports
Appendix VII – Groundwater Laboratory Analytical Reports
Appendix VIII – Slug Test Analysis & Data
Appendix IX – Plume Characterization Calculations

APPENDIX I

REGULATORY CORRESPONDENCE

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VOLUNTARY CLEANUP CONTRACT
13-6203-RP

IN THE MATTER OF
WOVEN ELECTRONICS, INC SITE, GREENVILLE COUNTY
and
WOVEN ELECTRONICS, LLC

This Contract is entered into by the South Carolina Department of Health and Environmental Control and Woven Electronics, LLC pursuant to the Brownfields/Voluntary Cleanup Program, S.C. Code Ann. §§ 44-56-710 through 760, as amended, the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. §§ 9601 through 9675, as amended, and the South Carolina Hazardous Waste Management Act (HWMA), S.C. Code Ann. §§ 44-56-200, as amended, with respect to the facility known as the Woven Electronics, Inc Site ("Site"). The Woven Electronics, LLC facility is located at 1001 Old Stage Road, Simpsonville, Greenville County, South Carolina ("Property"). The Property includes approximately 16.4 acres and is bounded generally by Old Stage Road to the north and undeveloped commercial property to the west, east and south. The Property is identified by County of Greenville as Tax Map Serial Number 0303000100300 and a legal description of the Property is attached to this Contract as Appendix A.

DEFINITIONS

1. Unless otherwise expressly provided, terms used in this Contract shall have the meaning assigned to them in CERCLA, the HWMA, and in regulations promulgated under the foregoing statutes, or the Brownfields/Voluntary Cleanup Program.

A. "Woven Electronics" shall mean Woven Electronics, LLC, a South Carolina Limited Liability Company. On or around April 3, 2006, Woven Electronics Corporation was converted to Woven Electronics and has operated at the Property since October 15, 1981. Woven

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Electronics' principal place of business located at 1001 Old Stage Road, Simpsonville, Greenville County, South Carolina.

B. "Contract" shall mean this Responsible Party Voluntary Cleanup Contract.

C. "Department" shall mean the South Carolina Department of Health and Environmental Control or a successor agency of the State of South Carolina that has responsibility for and jurisdiction over the subject matter of this Contract.

D. "Pollutant" or "Contaminant" includes, but is not limited to, any element, substance, compound, or mixture, including disease-causing agents, which after release into the environment and upon exposure, ingestion, inhalation, or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains, will or may reasonably be anticipated to cause death, disease, behavioral abnormalities, cancer, genetic mutation, physiological malfunctions, including malfunctions in reproduction, or physical deformations, in organisms or their offspring; "contaminant" does not include petroleum, including crude oil or any fraction of crude oil, which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (i) through (vi) of Paragraph (D) of CERCLA § 101, 42 U.S.C. §§ 9601, as amended, and does not include natural gas, liquefied natural gas, or synthetic gas of pipeline quality or mixtures of natural gas and such synthetic gas.

E. "Contamination" shall mean impact by a Contaminant or Hazardous Substance.

F. "Hazardous Substance" shall have the same meaning as defined under subparagraphs (A) through (F) of Paragraph (14) of CERCLA, §101, 42 U.S.C. §9601(14).

G. "Property" as described in the legal description attached as Appendix A, shall mean that portion of the Site, which is subject to ownership,

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prospective ownership, or possessory or contractual interest of Woven Electronics.

H. "Oversight Costs" means those costs, both direct and indirect, incurred by the Department in implementing the voluntary cleanup program.

I. "Response Action" shall mean any assessment, cleanup, inspection, or closure of a site as necessary to remedy actual or potential damage to public health, public welfare, or the environment.

J. "The Site" shall mean the Property and all areas where a Hazardous Substance, Pollutant or Contaminant has been released, deposited, stored, disposed of, or placed, or otherwise comes to be located; "Site" does not include any consumer product in consumer use or any vessel, as defined in CERCLA.

K. "Voluntary Cleanup" shall mean a Response Action taken under and in compliance with the Brownfields/Voluntary Cleanup Program, S.C. Code Ann. §§ 44-56-710 to 760, as amended.

L. "Work Plan" shall mean the plan for additional Response Actions to be conducted at the Site as described in Paragraph 3 of this Contract.

FINDINGS

2. Based on the information known by or provided to the Department, the following findings are asserted for purposes of this Contract:

A. The County of Greenville's property ownership records indicate that the Property is owned by Woven Electronics Corporation, which is the former name of Woven Electronics. Woven Electronics operates as an electronics assembly and specialized wire component weaving facility.

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RESPONSE ACTIONS

3. The Parties to this Contract agree to:

   A. Within ten (10) days of the execution of the Contract, Woven Electronics will submit its previous environmental investigation reports to the Department as the past investigation and reports were performed without the Department's oversight. The Department will review Woven Electronics' environmental investigation reports to determine whether Woven Electronics' completed an equivalent Remedial Investigation (RI) and determined the source, nature and extent of Contamination in accordance with applicable federal and state guidance and laws. The Department will notify Woven Electronics in writing if it determines that Woven Electronics' environmental investigation is not complete and/or if there are any deficiencies with Woven Electronics' previous investigation and/or reports.

   B. If applicable, within thirty (30) days of the Department's notification that the environmental investigation is not complete, Woven Electronics agrees to submit to the Department for review and written approval a Work Plan for the Site that is consistent with the technical intent of the National Contingency Plan which addresses any deficiencies in Woven Electronics' past investigation and reports. The Work Plan shall be implemented upon written approval from the Department. The Work Plan shall include the names, addresses, and telephone numbers of the consulting firm, the analytical laboratory certified by the Department, and Woven Electronics contact person for matters relating to this Contract. Woven Electronics will notify the Department in writing of changes in the contractor or laboratory. The Department will review the Work Plan and will notify Woven Electronics in writing of any deficiencies in the Work Plan, and Woven Electronics will respond in writing within thirty (30) days to the Department's comments. The Work Plan and all associated reports shall be prepared in accordance with industry standards and endorsed by a Professional Engineer (P.E.) and/or Professional Geologist (P.G.) duly-licensed in South Carolina and shall set forth methods and schedules for accomplishing the following tasks:

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1. Conduct further investigation to complete the formal RI to determine the source, nature, and extent of Contamination at the Site.
2. Submit to the Department a RI Report (to include a Baseline Risk Assessment or other evaluation of risk to human health and the environment) in accordance with the schedule in the approved Work Plan. The Department shall review the report for determination of completion of the RI and sufficiency of the documentation. If the Department determines that the field investigation is not complete, it will send written notification of such to Woven Electronics, and Woven Electronics shall subsequently conduct additional field investigation to further determine the source, nature, and extent of Contamination. If the Department determines that the field investigation is complete but the report is incomplete, the Department shall send to Woven Electronics a letter indicating that revision of the report is necessary. Within thirty (30) days of receipt of such letter from the Department, Woven Electronics shall submit a revised report addressing the Department's comments.
3. If determined necessary by the Department, conduct a Feasibility Study or other evaluation of remedial and/or removal alternatives for addressing Contamination at the Site.

4. Woven Electronics shall prepare and submit under separate cover from the Work Plan, a Health and Safety Plan that is consistent with Occupational Safety and Health Administration regulations. The Health and Safety Plan is submitted for information purposes only to the Department. The Department expressly disclaims any liability that may result from implementation of the Health and Safety Plan by Woven Electronics.

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5. Woven Electronics shall inform the Department in writing at least five (5) working days in advance of all field activities pursuant to this Contract and, if deemed necessary by the Department, shall allow the Department and its authorized representatives to take duplicates of any samples collected by Woven Electronics pursuant to this Contract.

6. Within sixty (60) days of the execution date of this Contract and once a month thereafter, Woven Electronics shall submit to the Department a written progress report that must include the following: (A) actions taken under this Contract during the previous reporting period; (B) actions scheduled to be taken in the next reporting period; (C) sampling, test results, and any other data, in summary form, generated during the previous reporting period, whether generated pursuant to this Contract or not; and (D) a description of any environmental problems experienced during the previous reporting period and the actions taken to resolve them.

7. All correspondence under this Contract shall be in writing and deemed sufficiently given if delivered by (A) regular U.S. mail, (B) certified or registered mail, postage prepaid, return receipt requested, (C) or nationally recognized overnight delivery service company, or (D) by hand delivery to the other party at the address shown below or at such place or to such agent as the parties may from time to time designate in writing.

Unless otherwise directed in writing by either party, all correspondence, workplans, and reports should be submitted to:

The Department: Jan Trent
South Carolina Department Health & Environmental Control
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201
Email: trentjc@dhec.sc.gov

Woven Electronics: Brian Hackler
Vice President and General Manager
Woven Electronics LLC
1001 Old Stage Road
Simpsonville, South Carolina 296841

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All final work plans and reports shall include two (2) paper copies and one (1) electronic copy on compact disk.

PUBLIC PARTICIPATION

8. Upon execution of this Contract, the Department will seek public participation in accordance with S.C. Code Ann. § 44-56-740(D), and not inconsistent with the National Contingency Plan. Woven Electronics will reimburse the Department's costs associated with public participation (e.g., publication of public notice(s), building and equipment rental(s) for public meetings, etc.).

COSTS OF RESPONSE

9. Woven Electronics' shall, within thirty (30) days of the execution date of this Contract, pay to the Department by wire transfer or certified or cashier's check the sum of three thousand seven hundred fourteen dollars ($3,714.08) to reimburse estimated past costs of response incurred by the Department through June 30, 2013 ("Past Costs") relating to the Site. Woven Electronics' payment for Past Costs should be submitted to:

The Department: John K. Cresswell
South Carolina Department of Health & Environmental Control
Bureau of Land and Waste Management
2600 Bull Street
Columbia, SC 29201

In accordance with §§ 44-56-200 and 44-56-740, Woven Electronics shall, on a quarterly basis, reimburse the Department for Oversight Costs of activities required under this Contract occurring after June 30, 2013. Oversight Costs include, but are not limited to, the direct and indirect costs of negotiating the terms of this Contract, reviewing Work Plans and reports, supervising corresponding work and activities and costs associated with public participation. Payments will be due within thirty (30) days of the Department's invoice date. The Department shall provide documentation of its Oversight Costs in sufficient detail so as to show the personnel involved, amount of time spent on the project for each person, expenses, and other specific costs. Invoices shall be submitted to:

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Woven Electronics: Brian Hackler
Vice President and General Manager
Woven Electronics, LLC
1001 Old Stage Road
Simpsonville, South Carolina 29681

All of Woven Electronics' payments should reference the Contract number on page 1 of this Contract and be made payable to:

The South Carolina Department of Health & Environmental Control

If complete payment of the Past Costs of the quarterly billing of Oversight Costs is not received by the Department by the due date, the Department may bring an action to recover the amount owed and all costs incurred by the Department in bringing the action including, but not limited to, attorney's fees, department personnel costs, witness costs, court costs, and deposition costs.

ACCESS

10. The Department, its authorized officers, employees, representatives, and all other persons performing Response Actions will not be denied access to the Site during normal business hours or at any time work under this Contract is being performed or during any environmental emergency or imminent threat situation, as determined by the Department (or as allowed by applicable law). Woven Electronics and subsequent owners of the Property shall ensure that a copy of this Contract is provided to any lessee or successor or other transferee of the Property, and to any owner of other property that is included in the Site. If Woven Electronics is unable to obtain access from any property owner, the Department may obtain access and perform Response Actions. All of the Department's costs associated with access and said Response Actions will be reimbursed by Woven Electronics.

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RESTRICTIVE COVENANT

11. If hazardous substances in excess of residential standards exist at the Property after Woven Electronics has completed the actions required under this Contract, Woven Electronics shall record an appropriate restrictive covenant. Upon the Department's approval of the items outlined therein, the restrictive covenant shall be signed by the Department and representatives of Woven Electronics and witnessed, signed, and sealed by a notary public. Woven Electronics shall file this restrictive covenant with the Register of Mesne Conveyance or Deeds in Greenville County in which the Property is located. The signed covenant shall be incorporated into this Contract as an Appendix. A Certificate of Completion shall not be issued by the Department until the Restrictive Covenant, if required, is executed and recorded. With the approval of the Department, the restrictive covenant may be modified in the future if additional remedial activities are carried out which meet appropriate clean-up standards at that time or circumstances change such that the restrictive covenant would no longer be applicable. The Department may require Woven Electronics or subsequent owners of the Property to modify the restrictive covenant if a significant change in law or circumstances requiring remediation occurs. Woven Electronics or subsequent owners of the Property shall file an annual report with the Department by May 31st of each year detailing the current land uses and compliance with the restrictive covenants for as long as the restrictive covenant remains in effect on the Property. The report must be submitted in a manner prescribed by the Department.

OBLIGATIONS AND BENEFITS

12. Upon execution of this Contract by the Department, Woven Electronics, its signatories, parents, subsidiaries, successors and assigns, shall be deemed to have resolved its liability to the State in an administrative settlement for purposes of, and to the extent authorized under 42 U.S.C. § 9613(f)(2) and § 9613(f)((3)(B), S.C. Code Ann. § 44-56-200 (2002), for the Response Actions specifically covered in the Contract including the approved Work Plan(s) and reports. A thirty (30) day comment period shall be required

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prior to the Department's execution of the Contract, and shall commence upon publication of the notice of the proposed Contract in the South Carolina State Register.

13. Nothing in the Contract is intended to be, or shall be construed as, a release or covenant not to sue for any claim or cause of action, past or future, that the Department may have against any person, firm, or corporation not a signatory of this Contract or a signatory's parent, successor, assign, or subsidiary.

14. Subject to Paragraph 16, nothing in this Contract is intended to limit the right of the Department to undertake future Response Actions at the Site or to seek to compel parties to perform or pay for costs of Response Actions at the Site. Nothing in this Contract shall in any way restrict or limit the nature or scope of Response Actions that may be taken or be required by the Department in exercising its authority under State and Federal law.

15. Subject to the provisions of Paragraph 16, nothing in this Contract is intended to be or shall be construed as a release or covenant not to sue for any claim or cause of action that the Department may have against Woven Electronics for any matters not expressly included in this Contract.

16. Upon successful completion of the terms of this Contract and the approved Work Plan as referenced in Paragraph 3 above, Woven Electronics shall submit to the Department a written notice of completion.

Once the Department determines that Woven Electronics has successfully and completely complied with this Contract, the Department, pursuant to S.C. Code Ann. § 44-56-740(A)(5) and (B)(1), will issue Woven Electronics a Certificate of Completion that provides a covenant not to sue to Woven Electronics, its signatories, parents, successors, subsidiaries, for the work done in completing the Response Actions specifically covered in the Contract and completed in accordance with the approved Work Plans and reports. The covenant not to sue and administrative settlement for purposes of contribution protection

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are contingent upon the Department's determination that Woven Electronics successfully and completely complied with the Contract.

In consideration of the Department's covenant not to sue, Woven Electronics, its signatories, parents, successors, assigns, and subsidiaries agree not to assert any claims or causes of action against the Department arising out of activities undertaken at the Site or to seek other costs, damages, or attorney's fees from the Department arising out of activities undertaken at the Site, except for those claims or causes of action resulting from the Department's intentional or grossly negligent acts or omissions.

17. Woven Electronics and the Department each reserve the right to unilaterally terminate this Contract. Termination may be accomplished by giving a thirty (30) day advance written notice of the election to terminate this Contract to the other party. Should Woven Electronics or subsequent owners of the Site elect to terminate, it must submit to the Department all data generated pursuant to this Contract, and certify to the Department's satisfaction that any environmental or physical hazard shall be stabilized and/or mitigated such that the Site does not pose a hazard to human health or the environment that did not exist prior to any initial Response Actions addressing Contamination identified in this Contract.

18. The Department may terminate this Contract only for cause, which may include but is not limited to, the following:

A. Events or circumstances at the Site that are inconsistent with the terms and conditions of this Contract;

B. Failure to complete the terms of this Contract or the Work Plan;

C. Failure to submit timely payments for Oversight Costs as defined in Paragraph 9 above;

D. Additional Contamination or releases or consequences at the Site caused by Woven Electronics, its parents, successors, assigns, and subsidiaries;

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E. Providing the Department with false or incomplete information or knowingly failing to disclose material information;

F. Change in Woven Electronics' or its parents, successors, assigns, and subsidiaries business activities on the Property or uses of the Property that are inconsistent with the terms and conditions of this Contract; or

G. Failure by Woven Electronics to obtain the applicable permits from the Department for any Response Actions or other activities undertaken at the Property.

19. Upon termination of the Contract, the covenant not to sue and administrative settlement for purposes of contribution protection shall be null and void. Termination of the Contract by Woven Electronics or the Department does not end the obligations to pay Oversight Costs already incurred by the Department and payment of such costs shall become immediately due.

20. The signatories below hereby represent that they are authorized to enter into this Contract on behalf of their respective parties.

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THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

BY: Daphne G. Neel DATE: 5/19/14

Daphne G. Neel, Chief
Bureau of Land and Waste Management
Environmental Quality Control

Claire M. Prince DATE: 5/14/14

Reviewed by Office of General Counsel

WOVEN ELECTRONICS, LLC

William A. Miller DATE: JANUARY 7, 2013

Signature

WILLIAM A. MILLER, ASSISTANT SECREARY

Printed Name and Title

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APPENDIX A

Legal Description of the Property

County of Greenville

Tax Map Serial Number 0303000100300

"ALL that piece, parcel or tract of land consisting of 14.99 acres, situate, lying and being on the Southwestern side of Old Laurens Road (Old Stage Road) near Simpsonville, in the County of Greenville, State of South Carolina, and having according to a plat made by Aaron M. Thompson, dated June 3, 1982, the following mates and bounds, to-wit:

Beginning at an old iron pin on the southwestern side of Old Stage Road at the Northern front corner of the Cryovac Tract and running S. 65-56-13 W 1106.99 feet to an old iron pin; thence running N. 24-06-05 W. 650.18 feet along property no or formerly of Aron and Kaplan to an old iron pin; thence running N. 65-54-17 E. 891.37 feet along property now or formerly of Aron and Kaplan to an iron pin on the southwestern side of Old Stage Road; thence running along said road S. 44-45-36, E. 163.2 feet to an iron pin; thence continuing S. 43-54-08, E. 194.65 feet to an iron pin; thence continuing S. 40-35-18-E. 193.6 feet to an old iron pin, being the point of beginning.

This being the same property conveyed to Woven Electronics Corporation by deed of Jerome I. Aron dated July 9, 1982 and recorded August 27, 1982 in the Greenville County, S.C. RMC Office in Deed Book 1172 at Page 919."

SOUTH CAROLINA STATE REGISTER

PUBLISHED BY
THE LEGISLATIVE COUNCIL
of the
GENERAL ASSEMBLY

JAMES H. HARRISON, DIRECTOR
DEIRDRE BREVARD-SMITH, EDITOR

P.O. BOX 11489
COLUMBIA, SC 29211
TELEPHONE (803) 212-4500

Published February 28, 2014
Volume 38 Issue No. 2
This issue contains notices, proposed regulations, emergency regulations, final form regulations, and other documents filed in the Office of the Legislative Council, pursuant to Article 1, Chapter 23, Title 1, Code of Laws of South Carolina, 1976.

However, pursuant to 40 CFR 51.102, if the Department does not receive a request for a public hearing by the close of the comment period, 5:00 p.m. on March 31, 2013, the Department will cancel the public hearing. If the Department cancels the public hearing, then the Department will notify the public at least one week prior to the scheduled hearing via the Scheduled Public Hearings webpage: http://www.scdhec.gov/environment/baq/Regulation-SIPManagement/public_hearings.asp. Interested persons may also contact Andrew Hollis, Regulation and SIP Management Section, Bureau of Air Quality, 2600 Bull Street, Columbia, SC 29201, or via phone at (803) 898-4196 or email at hollisao@dhec.sc.gov for more information, or to find out if the Department will hold the public hearing.

Synopsis:

On June 2, 2010, the EPA finalized a revised NAAQS for Sulfur Dioxide (75 FR 35520, published June 22, 2010). With this rule, the EPA set a new 1-hour primary SO_2 standard at the level of 75 parts per billion (ppb) and revoked the two previously existing primary standards of 140 ppb evaluated over 24- hours, and 30 ppb evaluated over an entire year. Sections 110(a)(1) and (2) of the CAA require all states to submit plans to provide for the implementation, maintenance, and enforcement of the NAAQS. Sections 110(a)(1) and (2) further require states to address basic SIP requirements, including but not limited to the following elements: emissions limits and other control measures, ambient air quality monitoring, a program for the enforcement of control measures, adequate resources to implement the SIP, and public notification and government consultation. Section 110(a)(1) requires states to submit SIPs within three (3) years after promulgation of a new or revised NAAQS, or June 2, 2013, in this case. The Department delayed submittal of this SIP until necessary federal implementation guidance was released. This guidance was released by EPA on September 13, 2013.

On June 2, 2011, the Department submitted a request to EPA Region 4 that the EPA designate each county in the State of South Carolina as "attainment" for the 1-hour primary SO_2 NAAQS. On February 7, 2013, EPA issued a letter to SC indicating that it would not designate any areas of the state for the new 1-hour SO_2 National Ambient Air Quality Standard (standard) until an updated strategy for accurately identifying SO_2 levels throughout the country could be finalized.

The Department is proposing to certify that it has addressed the aforementioned "infrastructure" elements pertaining to the SO_2 attainment areas in South Carolina. Pending the receipt of a request for a public hearing and/or any comments received, this Final Amendment to the SIP will take effect 30 days following publication of this Notice in the *South Carolina State Register* on March 31, 2014, at which time the Department will submit a final SIP certification package to the EPA for approval.

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

NOTICE OF GENERAL PUBLIC INTEREST

DHEC-Bureau of Land and Waste Management, File #6203
Woven Electronics, Inc Site

NOTICE OF VOLUNTARY CLEANUP CONTRACT, CONTRIBUTION PROTECTION, AND COMMENT PERIOD

PLEASE TAKE NOTICE that the South Carolina Department of Health and Environmental Control (DHEC) intends to enter into a Voluntary Cleanup Contract (VCC) with Woven Electronics, LLC (Responsible Party). The VCC provides that the Responsible Party, with DHEC's oversight, will fund and perform future response actions at the Woven Electronics facility located in Greenville County, at 1001 Old Stage Road, Simpsonville, South Carolina, and any surrounding area impacted by the migration of hazardous substances, pollutants, or contaminants.

Future response actions addressed in the VCC include, but may not be limited to, the Responsible Party funding and performing: a Remedial Investigation (RI) to determine the source, nature, and extent of the release or threat of release of hazardous substances, pollutants, or contaminants and, if necessary, conduct a Feasibility Study (FS) to evaluate alternatives to clean-up the Site. Further, the Responsible Party will reimburse the Department's past costs of response of $3,714.08 and the Department's future costs of overseeing the work performed by the Responsible Party and other Department costs of response pursuant to the VCC.

The VCC is subject to a thirty-day public comment period consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. § 9613, and the South Carolina Hazardous Waste Management Act (HWMA), S.C. Code Ann. § 44-56-200 (as amended). Notice of Contribution Protection and Comment Period will be provided to known potentially responsible parties via email or US mail. The VCC is available:

(1) On-line at www.scdhec.gov/environment/lwm/publicnotice.htm; or
(2) By contacting *Patricia Hydrick* at 803-898-0886 or hydricpa@dhec.sc.gov.

Any comments to the proposed VCC must be submitted in writing, postmarked no later than *March 31, 2014* and addressed to: Patricia Hydrick, DHEC-BLWM-SARR, 2600 Bull Street, Columbia, SC 29201.

Upon the successful completion of the VCC, the Responsible Party will receive a covenant not to sue for the work done in completing the response actions specifically covered in the Contract and completed in accordance with the approved work plans and reports. Upon execution of the VCC, the Responsible Party shall be deemed to have resolved its liability to the State in an administrative settlement for purposes of, and to the extent authorized under CERCLA, 42 U.S.C. 9613(f)(2) and 9613(f)(3)(B), and under S.C. Code Ann. Section 44-56-200, for the response actions specifically covered in the Contract including the approved work plans and reports. Contribution protection is contingent upon the Department's determination that the Responsible Party has successfully and completely complied with the VCC.

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

Monitoring Well Approval

Approval is hereby granted to:	Robert Workman/ CRB Geo & Env
on behalf of:	Woven Electronics, Inc
Facility:	1001 Old Stage Rd
Site Identification:	18096
County:	Greenville

This approval is for the installation of 10 groundwater-monitoring wells. The wells are to be installed in the locations as illustrated on the submitted map and per the proposed construction details provided by your correspondence dated 10/10/12. The wells are to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless the Department has approved another schedule. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

4. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.

5. If any of the information provided to the Department changes, Jonathan McInnis (803 896-4061, mcinnijg@dhec.sc.gov) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

Date of Issuance: 10/11/12 **Approval #: MW-08877**

Jonathan G. McInnis, Program Manager
Federal & State Site Assessment
Site Assessment Remediation & Revitalization Division
Bureau of Land & Waste Management

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

October 11, 2012

Woven Electronics Inc
1001 Old Stage Rd
Simpsonville, SC 29681

Re: Monitoring Well Approval Request received 10/10/12
Greenville County Site ID: 18096

Dear Woven Electronics Inc:

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced monitoring well approval request submitted 10/10/12. The original monitoring well approval has been sent to Robert Workman/ CRB Geological & Environmental Services, Inc. and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention on or before 12/10/12. Please note the following:

- Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.

- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).

- If this investigation is conducted as part of a potential real estate transaction, the potential purchaser may want to contact SCDHEC's Brownfields Program before this work is performed. The Brownfields Program offers a mechanism to avoid liability for contamination that may be found during this investigation. The investigation proposed may satisfy part or all of the required assessment if pre-approved by the Brownfields Program. The Brownfields Program may be reached at 1-866-576-3432.

If you have any questions, please contact me at (803) 896-4061.

Sincerely,

Jonathan G. McInnis, Program Manager
Federal & State Site Assessment Section

enc: Monitor well approval

cc: SCDHEC EQC Region
Robert Workman – CRB Geological & Environmental Services, Inc
5000 Old Buncombe Rd., Suite 27-281 – Greenville, SC 29617

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

Monitoring Well Approval

Approval is hereby granted to:	Robert Workman/ CRB Geo & Env
on behalf of:	Woven Electronics, Inc
Facility:	1001 Old Stage Rd
Site Identification:	18096
County:	Greenville

This approval is for the installation of 5 groundwater-monitoring wells. The wells are to be installed in the locations as illustrated on the submitted map and per the proposed construction details provided by your correspondence dated 12/4/12. The wells are to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless the Department has approved another schedule. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

4. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.

5. If any of the information provided to the Department changes, Jonathan McInnis (803 896-4061, mcinnijg@dhec.sc.gov) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

Date of Issuance: 12/4/12 **Approval #: MW-08939**

Jonathan G. McInnis, Program Manager
Federal & State Site Assessment
Site Assessment Remediation & Revitalization Division
Bureau of Land & Waste Management

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

December 4, 2012

Woven Electronics Inc
1001 Old Stage Rd
Simpsonville, SC 29681

Re: Monitoring Well Approval Request received 10/10/12
Greenville County Site ID: 18096

Dear Woven Electronics Inc:

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced monitoring well approval request submitted 12/4/12. The original monitoring well approval has been sent to Robert Workman/ CRB Geological & Environmental Services, Inc. and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention on or before 2/2/12. Please note the following:

- Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.

- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).

- If this investigation is conducted as part of a potential real estate transaction, the potential purchaser may want to contact SCDHEC's Brownfields Program before this work is performed. The Brownfields Program offers a mechanism to avoid liability for contamination that may be found during this investigation. The investigation proposed may satisfy part or all of the required assessment if pre-approved by the Brownfields Program. The Brownfields Program may be reached at 1-866-576-3432.

If you have any questions, please contact me at (803) 896-4061.

Sincerely,

Jonathan G. McInnis, Program Manager
Federal & State Site Assessment Section

enc: Monitor well approval

cc: SCDHEC EQC Region
Robert Workman – CRB Geological & Environmental Services, Inc
5000 Old Buncombe Rd., Suite 27-281 – Greenville, SC 29617

APPENDIX II

SITE HISTORICAL DOCUMENTS

Greenville County, South Carolina

Parcel Search | Layers | My Maps | Legend

File Edit View Insert Selection Tools Help

Layer Settings: Save Clear

Refresh Map

- Land Records
  - Tax Parcel
  - Approximate Parcel Dimension
  - Miscellaneous Cadastral Line
  - Subdivision
- Zoning / Special Land Use
- Taxation District
- Boundary
- Index
- Transportation
- Hydrography
- Utility Tower
- Political
- Points of Interest
- Geodetic Control
  - NGS Control Point
- Topography
- Aerial Photography
  - 2013 Aerial Photography (1.0 FT GSD)
  - 2012 Aerial Photography (1.0 FT GSD)
  - 2011 Aerial Photography (0.75 FT GSD)
  - 2011 Color Infrared Aerial Photography (1.0 FT GSD)
  - 2010 Aerial Photography (1.2 FT GSD)
  - 2010 Color Infrared Aerial Photography (1.2 FT GSD)
  - 2009 Aerial Photography (1.5 FT GSD)
  - 2008 Aerial Photography (0.5 FT GSD)
  - 2006 Aerial Photography (1.64 FT GSD)
  - 2003 Aerial Photography (0.5 FT GSD)
  - 1997 Aerial Photography (0.5 FT GSD)
  - 1997 Aerial Photography (1.0 FT GSD)
  - 1997 Aerial Photography (2.0 FT GSD)

Layer Settings: Save Clear

Refresh Map

Layers Tip:
To display map layers, click a category heading. If a layer is "grayed out", it will not be displayed until a predetermined scale is reached (zoom in / zoom out). To turn off or on layers, check or uncheck the box next to the layer name. Click the *refresh map* button to update the map view.

To save the current layer settings, click the *Save* button. Next time the mapping application is used, the layers that are turned on or off in the current view will be displayed.

Zoning Classifications | Land Use Definitions | Contact Us | Q & A | Welcome Page | GIS Homepage | Greenville County Website

SITE
INQUIRY #: 2865308.47
YEAR: 1955
= 750'
N

INQUIRY #: 2865308.47

YEAR: 1965

= 750'

N

-22-78
SITE
INQUIRY #: 2865308.47
YEAR: 1978
= 750'
N

INQUIRY #: 2865308.47

YEAR: 1981

= 1000'

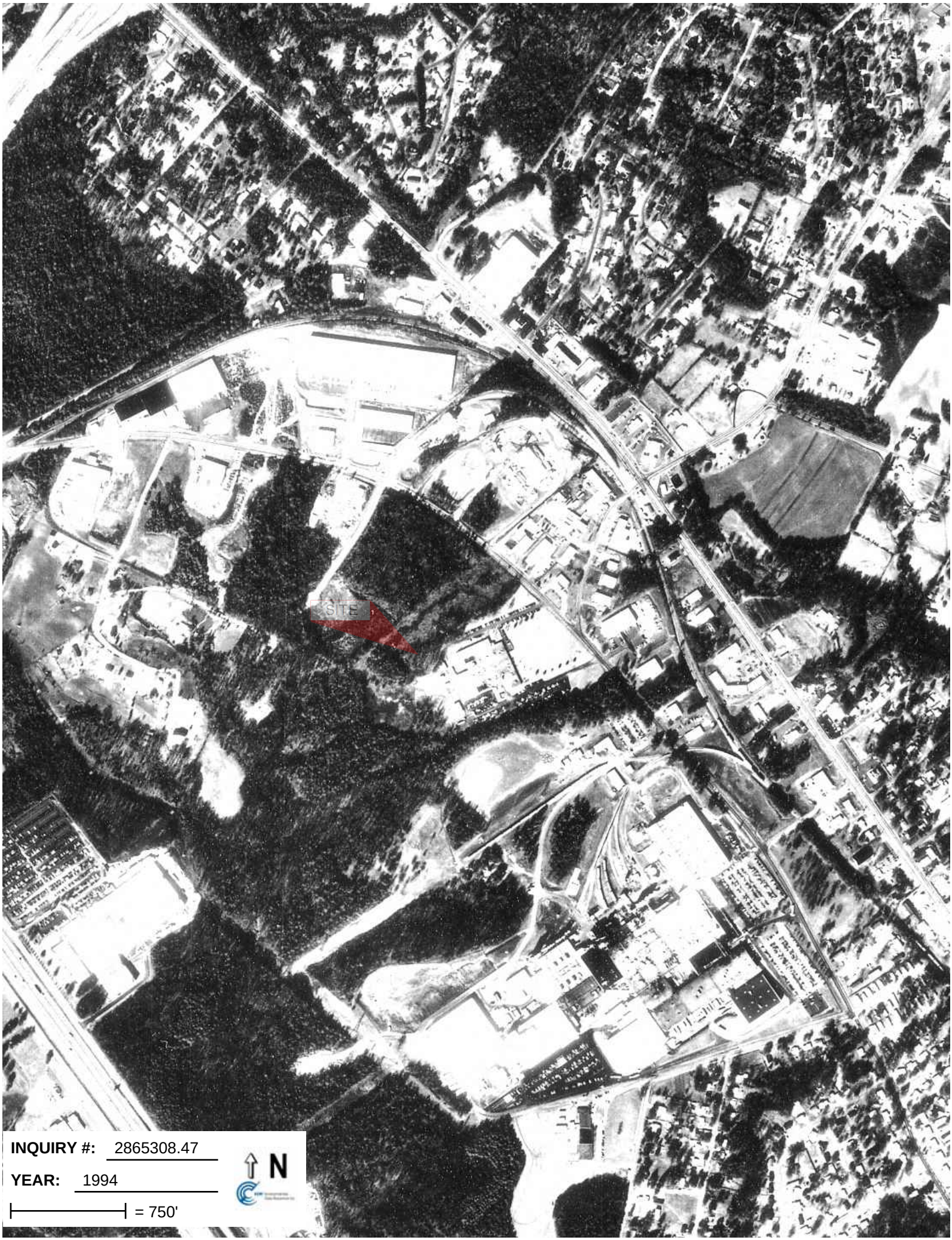
N

INQUIRY #: 2865308.47

YEAR: 1989

= 750'

N


SITE
INQUIRY #: 2865308.47
YEAR: 1994
= 750'
N

INQUIRY #: 2865308.47

YEAR: 2005

= 604'

N

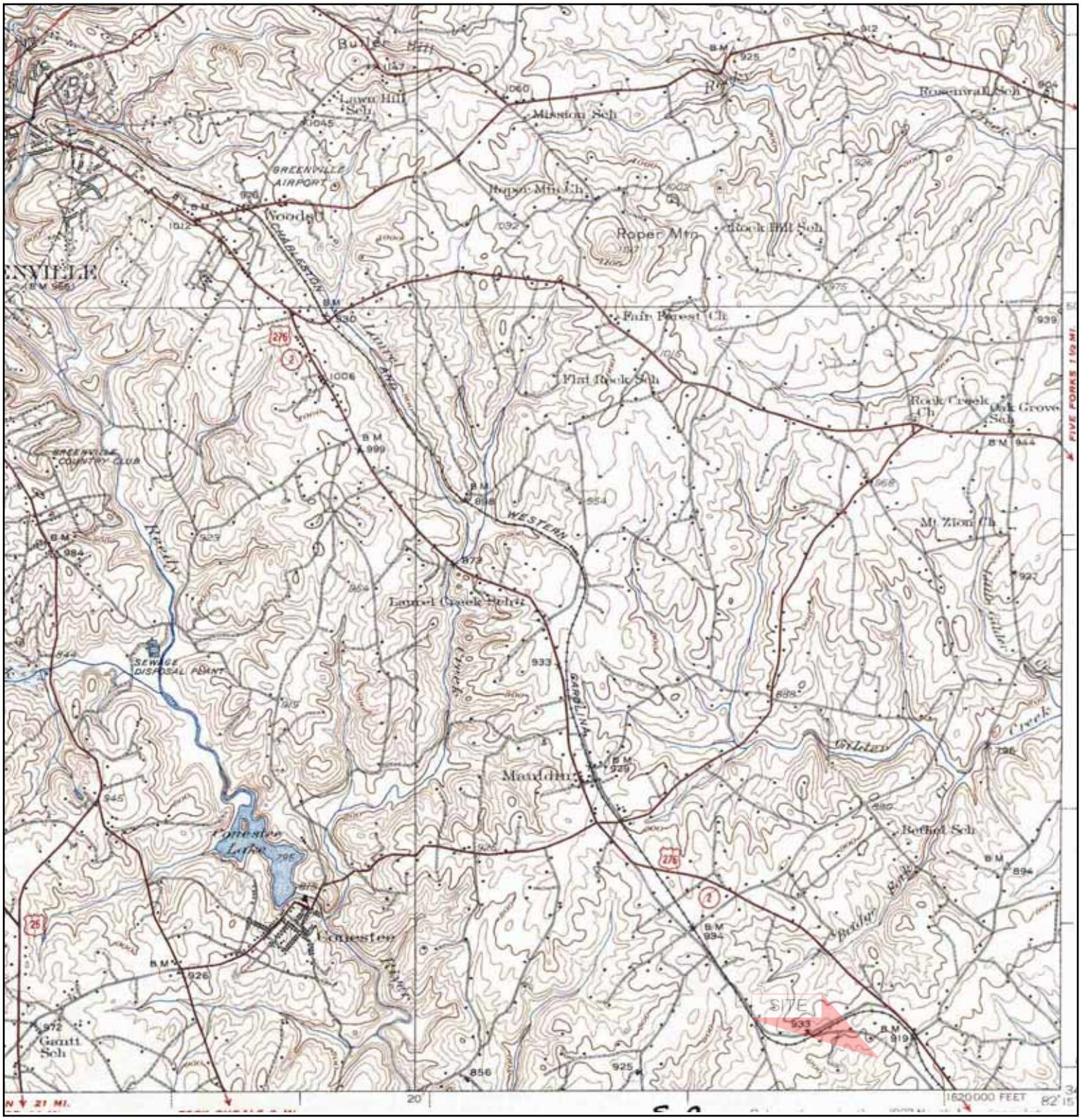
INQUIRY #: 2865308.47

YEAR: 2006

= 604'

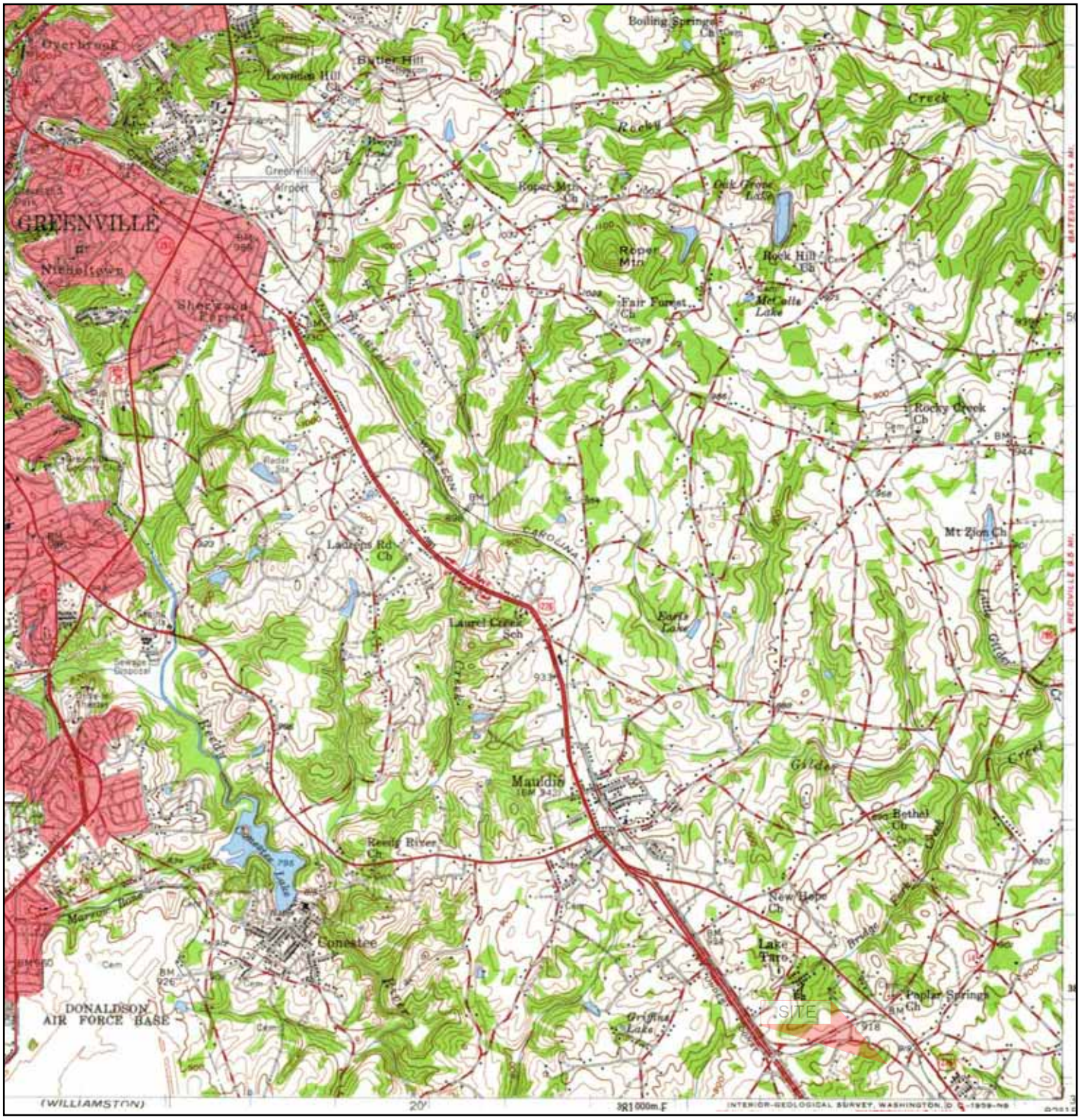
N

Historical Topographic Map



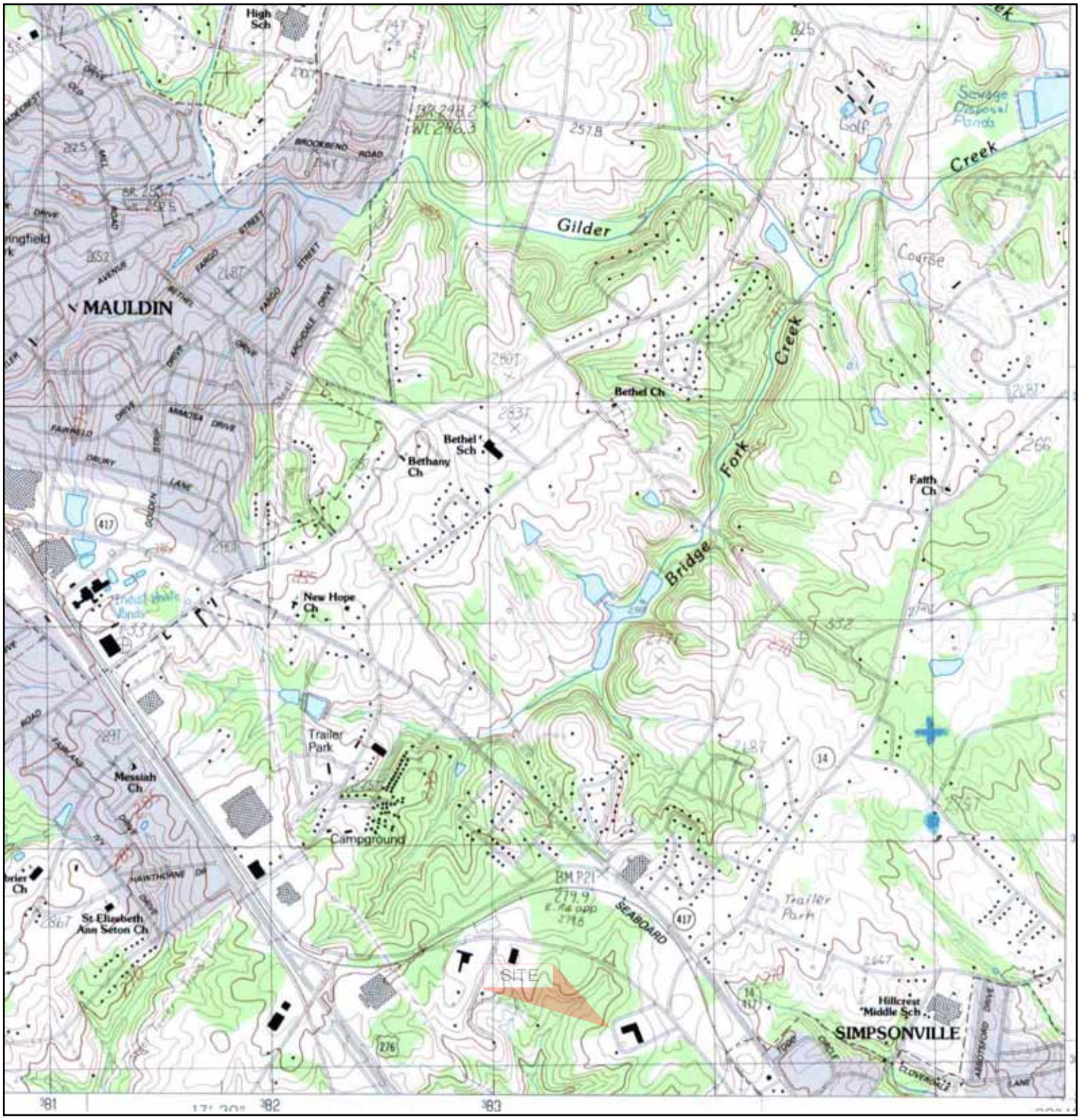
N	TARGET QUAD NAME: GREENVILLE MAP YEAR: 1938 SERIES: 15 SCALE: 1:62500	SITE NAME: Woven Electronics ADDRESS: 1001 Old Stage Road Simpsonville, SC 29681 LAT/LONG: 34.7527 / -82.2711	CLIENT: CRB Geological & Env. Services CONTACT: Rob Workman INQUIRY#: 2865308.46 RESEARCH DATE: 09/09/2010

Historical Topographic Map



N	TARGET QUAD NAME: GREENVILLE MAP YEAR: 1957 SERIES: 15 SCALE: 1:62500	SITE NAME: Woven Electronics ADDRESS: 1001 Old Stage Road Simpsonville, SC 29681 LAT/LONG: 34.7527 / -82.2711	CLIENT: CRB Geological & Env. Services CONTACT: Rob Workman INQUIRY#: 2865308.46 RESEARCH DATE: 09/09/2010

Historical Topographic Map



N	TARGET QUAD		SITE NAME:	Woven Electronics	CLIENT:	CRB Geological & Env. Services
	NAME:	MAULDIN	ADDRESS:	1001 Old Stage Road	CONTACT:	Rob Workman
	MAP YEAR:	1983		Simpsonville, SC 29681	INQUIRY#:	2865308.46
	PROVISIONAL		LAT/LONG:	34.7527 / -82.2711	RESEARCH DATE:	09/09/2010
	SERIES:	7.5				
	SCALE:	1:24000				

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1001 Old Stage Road
Simpsonville, SC 29681

FINDINGS DETAIL

Target Property research detail.

Year	*Uses*	*Source*
2009	Woven Electronics Corp	Polk's City Directory
2004	Woven Electronics Corp (fabricated wire products)	Polk's City Directory
1998	Woven Electronics Corp (fabricated wire products)	Polk's City Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Old Stage Road

Old Stage Road

Year	Uses	Source
2009	No address listings prior to the Target Property	Polk's City Directory
2004	No address listings prior to the Target Property	Polk's City Directory
1998	No address listings prior to the Target Property	Polk's City Directory

1002 Old Stage Road

Year	Uses	Source
2009	Carlton Chandelr & Assoc	Polk's City Directory
2004	Carlton Chandelr & Assoc	Polk's City Directory
1998	Residential	Polk's City Directory

1004 Old Stage Road

Year	Uses	Source
2009	Greenville Woodworking	Polk's City Directory
2004	Greenville Woodworking	Polk's City Directory
1998	Greenville Woodworking	Polk's City Directory

1006 Old Stage Road

Year	Uses	Source
2009	Marchant Contract	Polk's City Directory
2004	Auto Brite Detail SErvice	Polk's City Directory

1011 Old Stage Road

Year	Uses	Source
2009	JVS Inc	Polk's City Directory
2004	JVS Inc	Polk's City Directory
	Marchant Contract	Polk's City Directory
1998	Guarantee Carpet Cleaners	Polk's City Directory
	JVS Inc	Polk's City Directory

FINDINGS

STREET NOT IDENTIFIED IN RESEARCH SOURCE

The following Streets were researched for this report, and the Streets were not identified in the research source.

Street Researched	Street Not Identified in Research Source
Old Stage Road	1993

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
Old Stage Road	No Years Found
1002 Old Stage Road	No Years Found
1004 Old Stage Road	No Years Found
1006 Old Stage Road	1998
1011 Old Stage Road	No Years Found

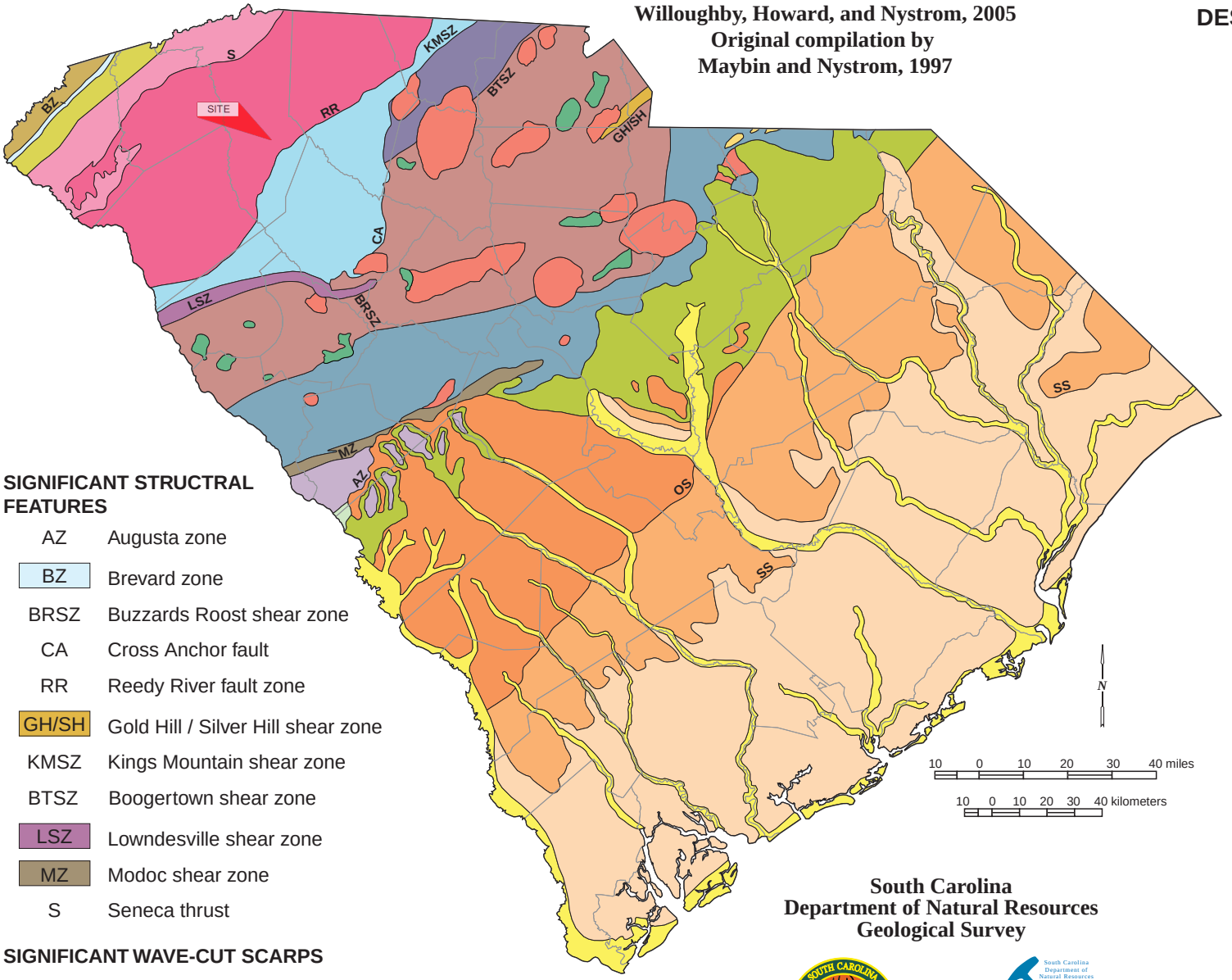
APPENDIX III

SOUTH CAROLINA GEOLOGICAL MAPS

HISTORIC TOPOGRAPHIC MAPS

Generalized Geologic Map of South Carolina
2005

Revised by
Willoughby, Howard, and Nystrom, 2005
Original compilation by
Maybin and Nystrom, 1997



SIGNIFICANT STRUCTRAL FEATURES

AZ	Augusta zone
BZ	Brevard zone
BRSZ	Buzzards Roost shear zone
CA	Cross Anchor fault
RR	Reedy River fault zone
GH/SH	Gold Hill / Silver Hill shear zone
KMSZ	Kings Mountain shear zone
BTSZ	Boogertown shear zone
LSZ	Lowndesville shear zone
MZ	Modoc shear zone
S	Seneca thrust

SIGNIFICANT WAVE-CUT SCARPS

OS	Orangeburg Scarp
SS	Surry Scarp

South Carolina
Department of Natural Resources
Geological Survey

Geological Survey
1825

DESCRIPTION OF MAP UNITS

COASTAL PLAIN
QUATERNARY
- Holocene
- Pleistocene

TERTIARY
- Pliocene
- Paleocene, Eocene, and Miocene

CRETACEOUS
- Upper Cretaceous

TRIASSIC
- Triassic basins

BLUE RIDGE AND PIEDMONT
- Blue Ridge
- Chauga belt
- Walhalla thrust sheet
- Sixmile thrust sheet
- Laurens thrust stack
- Kings Mountain terrane
- Charlotte terrane
- Carolina terrane (slate belt)
- Savannah River terrane
- Augusta terrane

IGNEOUS ROCKS
- Gabbro
- Granite

STATE OF SOUTH CAROLINA
Hon. David M. Beasley, Governor

SOUTH CAROLINA
DEPARTMENT OF NATURAL RESOURCES
Paul A. Sandifer, Ph.D., Director
Land, Water and Conservation Division
Alfred H. Vang, Deputy Director
Geological Survey
C. W. Clendenin, Jr., Ph.D., State Geologist

STRUCTURAL FEATURES OF SOUTH CAROLINA

by Arthur H. Maybin, III

Geophysical Interpretation by:
C. W. Clendenin, Jr.
Assisted by:
David L. Daniels, U.S. Geological Survey

Digital Compilation and Cartography by:
Malynn D. Fields
Land, Water and Conservation Division
South Carolina Department of Natural Resources

South Carolina Department of Natural Resources
Geological Survey

35° 15'
83°

35° 15'
79°

33°
82°

33°
79°

N

NORTH CAROLINA

GEORGIA

ATLANTIC OCEAN

Marietta-Tryon graben
Brevard fault zone
Walhalla nappe
Pax Mountain fault system
Six Mile nappe
SITE
Kings Mountain shear zone
Kings Creek shear zone
Boogertown shear zone
Blacksburg shear zone
Kings fault ?
Anchor
Cross
Laurens thrust stack
Gold Hill shear zone ?
Crowburg basin
Pageland fault system
Wadesboro basin
Lowndesville shear zone
Buzzards Roost shear zone
Cross Hill shear zone ?
Charlotte belt
Slate
Piedmont thrust
fault
Eastern
Modoc fault
Augusta fault
Zone of Uplift
Pen Branch fault
Dunbarton basin
Magruder fault
Allendale basin
Crowburg basin
Pageland fault
Wadesboro basin
Florence basin
Sardis basin
Horry basin
Branchville basin
Jedburg basin
Woodstock fault
Gants fault
Cooke fault
Drayton fault
Stono arch
Cooper Kiawah basin
Helena Banks fault
Ridgeland basin
Yamacraw ridge
SOUTH GEORGIA RIFT
CAPE FEAR ARCH

LAKE JOCASSEE
LAKE KEOWEE
LAKE HARTWELL
LAKE RUSSELL
LAKE THURMOND
LAKE GREENWOOD
LAKE MURRAY
LAKE WATEREE
LAKE WYLIE
LAKE MARION
LAKE MOULTRIE

PICKENS
OCONEE
ANDERSON
ABBEVILLE
GREENWOOD
McCORMICK
EDGEFIELD
SALUDA
GREENVILLE
SPARTANBURG
CHEROKEE
YORK
UNION
CHESTER
LANCASTER
CHESTERFIELD
MARLBORO
DILLON
FAIRFIELD
NEWBERRY
LAURENS
KERSHAW
LEE
DARLINGTON
MARION
FLORENCE
HORRY
RICHLAND
SUMTER
LEXINGTON
CALHOUN
CLARENDON
WILLIAMSBURG
GEORGETOWN
AIKEN
ORANGEBURG
BAMBERG
BARNWELL
ALLENDALE
HAMPTON
JASPER
BEAUFORT
COLLETON
DORCHESTER
BERKELEY
CHARLESTON

GREENVILLE
SPARTANBURG
ANDERSON
LAURENS
GREENWOOD
NEWBERRY
ROCK HILL
UNION
CAMDEN
FLORENCE
COLUMBIA
SUMTER
AIKEN
ORANGEBURG
GEORGETOWN
MYRTLE BEACH
BEAUFORT
HILTON HEAD
CHARLESTON

Scale: 1 : 500,000

10 0 10 20 30 40 miles

20 0 20 40 60 80 kilometers

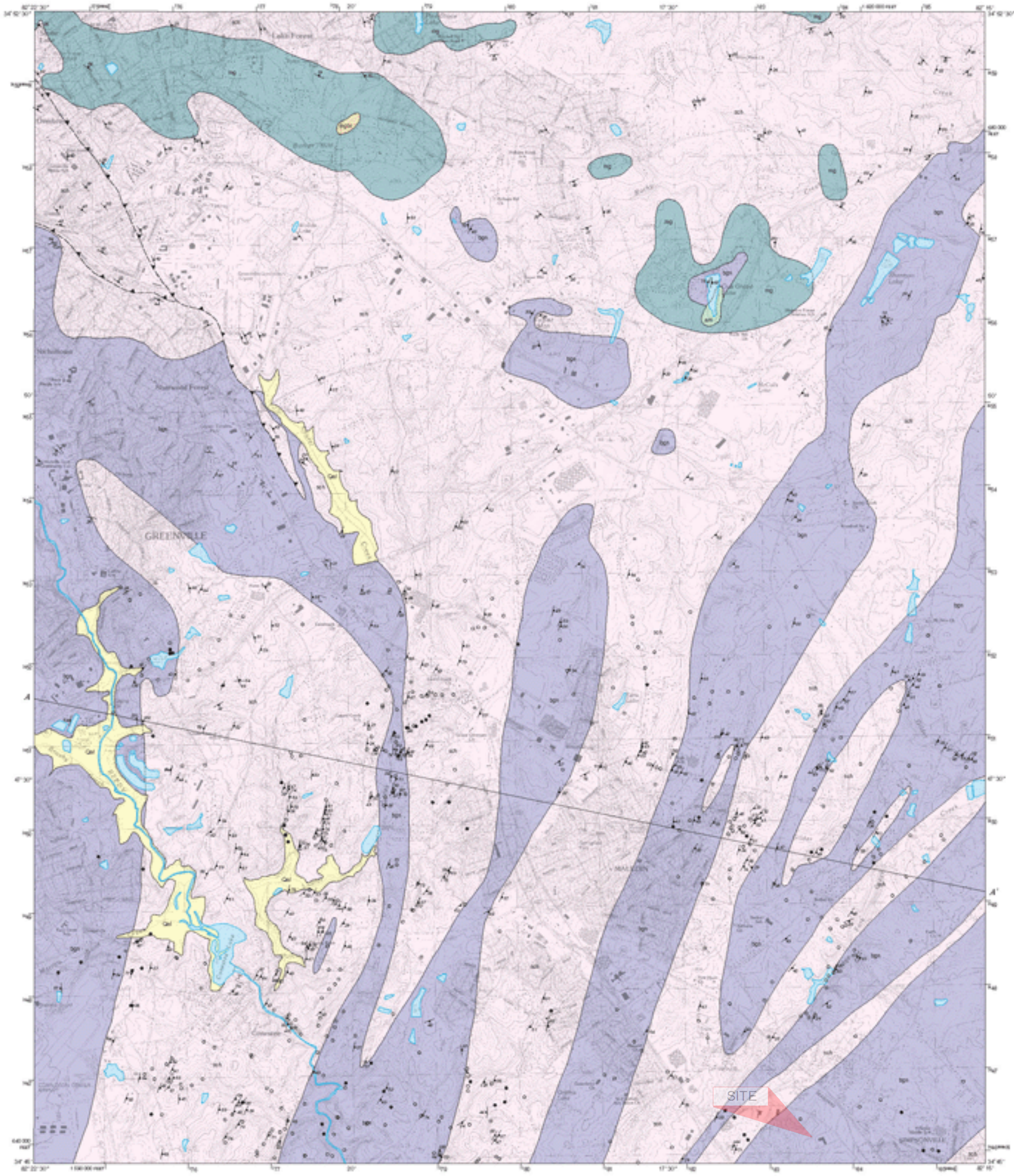
EXPLANATION

- Ductile shear zone
- Fault
- Normal fault: teeth on footwall side
- Location of faults in Coastal Plain sediments
- Thrust fault: teeth on hanging wall side
- Geophysically inferred fault
- Geophysical normal fault: teeth on footwall side
- Strike-slip motion
- Fall line

South Carolina Department of Natural Resources
S.C. Geological Survey

Produced in cooperation with the U.S. Geological Survey
National Cooperative Geologic Mapping Program

Open-File Report
Mauldin, S.C.
OFR-149



DESCRIPTION OF MAP UNITS

Bodies of water

Qal **Quaternary alluvium**

sch **Sillimanite mica schist** -- Unit occurs as inner bedded units of fine grained sillimanite mica schist, sillimanite biotite schist, sillimanite garnet biotite schist, sillimanite garnet mica schist. The sillimanite schist have a well developed schistosity and it is generally crenulated and or folded on an outcrop scale. Also present in this unit are layers of garnet biotite gneiss with or without feldspar augen. These augen gneisses are shown where mapped. Augen vary in size from a few millimeters to about 3 centimeters, occasionally larger.

bgn **Biotite gneiss** -- Unit with interlayers of fine grained sillimanite mica schist was also mapped. The biotite gneiss unit is comprised of biotite augen gneiss with variable amounts of garnet. The rock is medium grained with the aligned augen varying in size from a few millimeters to about 2 centimeters. The rock is well banded when the augen are on the millimeter scale. Also included are well banded garnet biotite gneiss and biotite gneiss. Banding is on a centimeter scale. The last rock type in this unit is a porphyroblastic biotite gneiss with or without garnets.

mg **Metagranite** -- Medium to coarse crystalline leucocratic metagranite, occurs in the north half of the quadrangle may have a slight foliation.

am **Amphibolite** -- Comprised almost entirely of plagioclase and amphibole crystals up to 1 centimeter in length and are aligned.

mgbr **Coarse crystalline metagabbro**

EXPLANATION OF MAP SYMBOLS

Contact – Identity and existence certain, location approximate, dotted where concealed.

Thrust fault – Identity and existence certain, location approximate. Barbs on hanging wall.

Inclined metamorphic or tectonic foliation, showing strike and dip.

Inclined foliation in biotite gneiss, showing strike and dip.

Flow.

Unconsolidated outcrop.

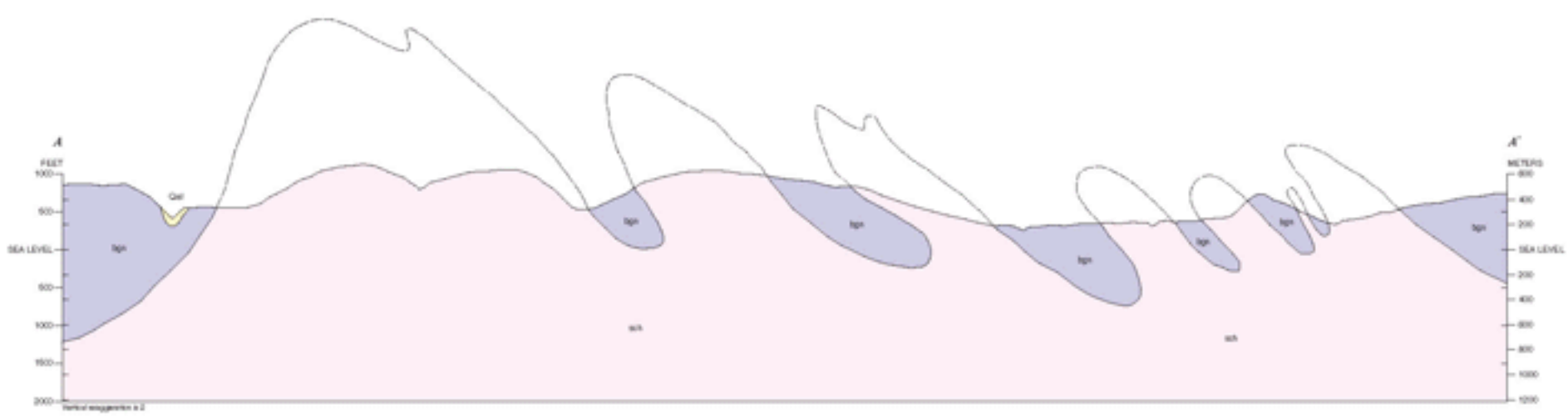
REFERENCES

Buffalo, J., 2002, Geology of the Mauldin 7.5-minute quadrangle, northern half, Greenville County, South Carolina, South Carolina Geological Survey Open-File Report 142.

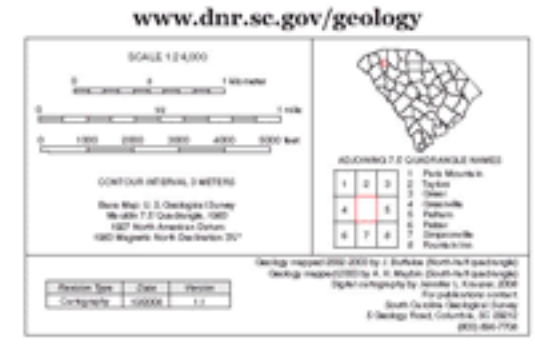
GEOLOGIC MAP OF THE MAULDIN QUADRANGLE, GREENVILLE COUNTY, SOUTH CAROLINA

Arthur H. Maybin, III

2003



www.dnr.sc.gov/geology



2011 Aerial
4-Foot Topographic Contours
Greenville County GIS

SITE

DUNN RD

GLOSTA RD

PELHAM RD

E MAPLE ST

0297000100101
0297000100115
0297000100107
0303000100301
0303000100105
0303000100108
0303000100117
0303000100101
0303000100116
0303000100300
0303000100418
0303000100400
0303000100416
0303000100415
0303000100201
0305000100100

APPENDIX IV

REGULATORY DATABASE RECORDS

EPA United States Environmental Protection Agency

Envirofacts

FRS Facility Detail Report

FRS

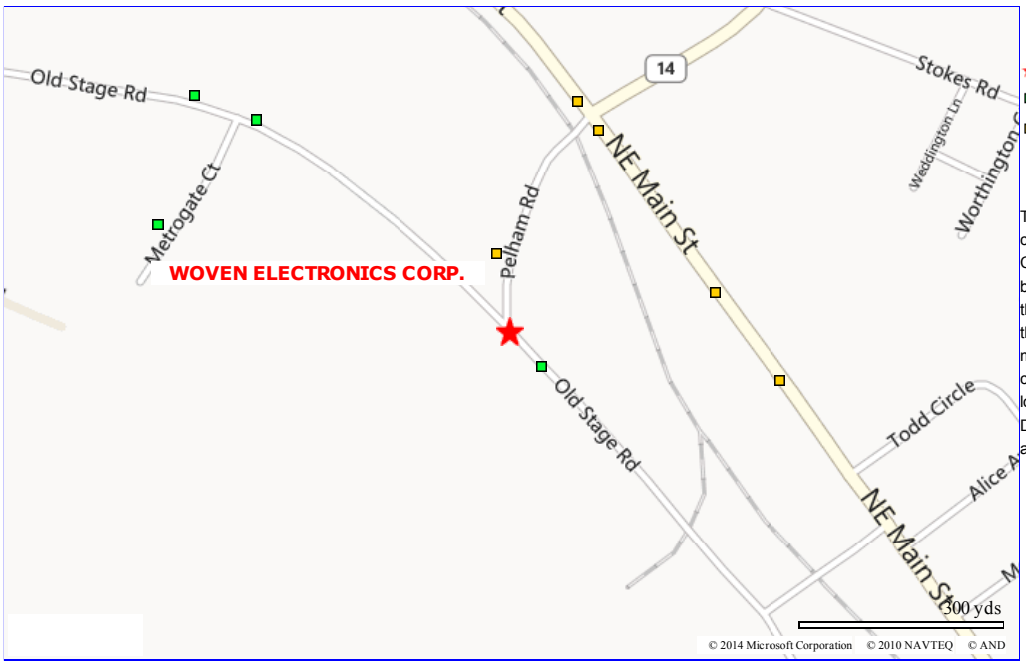
WOVEN ELECTRONICS CORP.

1001 OLD STAGE RD
SIMPSONVILLE, SC 29681
EPA Registry Id: 110001673706

Facilty Registry Service Links

- Search
  - FRS Facility Query
  - FRS EZ Search
  - Organization Search
- FRS Physical Data Model
- FRS Geospatial Model
- Contact Us
- Facility Registry Service (FRS) Home

Report an Error



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
SOUTH CAROLINA - ENVIRONMENTAL FACILITY INFORMATION SYSTEM	SC0000002174	STATE MASTER	SC-EFIS		**SC-EFIS**-1200-0252-DENIED AIR PROGRAM **SC-EFIS**-SCD980838015 HAZARDOUS WASTE PROGRAM **SC-EFIS**-AIR-1200-0252 AIR MAJOR
TOXIC RELEASE INVENTORY SYSTEM	29681WVNLC1001O	TRI REPORTER	TRI REPORTING FORM	10/08/2003	
AIR FACILITY SYSTEM	4504500252	AIR MINOR (OPERATING)	AIRS/AFS	03/31/2014	
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	SCD980839120	UNSPECIFIED UNIVERSE (N)	RCRAINFO	05/04/2002	
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	SCD980838015	CESQG (Y)	RCRAINFO	03/21/2002	
EMISSION INVENTORY SYSTEM (EIS)	3092911	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	EIS		

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
AIRS/AFS	3769	GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT, NOT ELSEWHERE CLASSIFIED	
AIRS/AFS	PRIV		
AIRS/AFS	3679	ELECTRONIC COMPONENTS, NOT ELSEWHERE CLASSIFIED	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Prima
EIS	334419	OTHER ELECTRONIC COMPONENT MANUFACTURING.	
AIRS/AFS	ATELY		
TRIS	334419	OTHER ELECTRONIC COMPONENT MANUFACTURING.	
AIRS/AFS	334419	OTHER ELECTRONIC COMPONENT MANUFACTURING.	

Facility Mailing Addresses

TRIS	3679	ELECTRONIC COMPONENTS, NOT ELSEWHERE CLASSIFIED

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	04
Legislative District Number:	A2
HUC Code/Watershed:	03050108 / ENOREE
US Mexico Border Indicator:	
Federal Facility:	NO
Tribal Land:	NO

Alternative Names

Alternative Name	Source of Data
WOVEN ELECTRONICS CORP	AIRS/AFS
WOVEN ELECTRONICS CORPORATION	SC-EFIS
WOVEN ELECTRONICS CORP.	TRI REPORTING FORM

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER/OPERATOR		055189955	TRIS	

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information Sys
MAILING ADDRESS	1001 OLD STAGE RD	SIMPSONVILLE	SC		SC-EFIS
FACILITY MAILING ADDRESS	P.O. BOX 189	MAULDIN	SC	29662	TRIS
MAILING ADDRESS	PO BOX 189	MAULDIN	SC	29662	SC-EFIS
CONTACT	PO BOX 189	MAULDIN	SC	29622-0189	SC-EFIS
FACILITY MAILING ADDRESS	PO BOX 189	MAULDIN	SC	296620189	AIRS/AFS

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Addres
PUBLIC CONTACT	BOB HUNT	8642336740	TRIS	
COMPLIANCE CONTACT	JIM RICKET	8649671749	AIRS/AFS	
CONTACT / AIR PERMITTING	RICKET, W J	864-963-5131	SC-EFIS	
CONTACT	LITTLE, TOMMY		SC-EFIS	View

Query executed on: JUN-12-2014

Additional information for CERCLIS or TRI sites:

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- National Library of Medicine (NLM) EXIT EPA TOXMAP

Menu

You have been redirected from the former ECHO site to the modernized ECHO, now at echo.epa.gov. Please update your bookmarks, and see our ECHO Modernization Information page to learn about the new ECHO.

ECHO Enforcement and Compliance History Online

Detailed Facility Report

Facility Summary

WOVEN ELECTRONICS CORP.
1001 OLD STAGE RD, SIMPSONVILLE, SC 29681

Facility Information (FRS)

FRS ID: 110001673706
EPA Region: 04
Latitude: 34.75318
Longitude: -82.26944
Industry:
Indian Country: N

Regulatory Interests

Clean Air Act: Operating Minor (4504500252)
Clean Water Act: No Information
Resource Conservation and Recovery Act: Inactive -- (SCD980839120), Active CESQG (SCD980838015)
Safe Drinking Water Act: No Information

Also Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): 29681WVNLC1001O

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Current Compliance Status	Qtrs in NC (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	--	--	**No Violation**	0	0	--	--	--	--	--
RCRA	--	--	**No Violation**	0	0	--	--	--	--	--

Facility/System Characteristics

Facility/System Characteristics

Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
--	110001673706	--	--	--	--	N	34.75318	-82.26944
CAA	4504500252	Other Minor	Operating	SIP	--	N	--	--
EP313	29681WVNLC1001O	--	--	--	--	--	--	--
RCRA	SCD980839120	--	Inactive	--	--	N	--	--
RCRA	SCD980838015	CESQG	Active	--	--	N	34.75372	-82.27038

Facility Contact Information

System	Identifier	Facility Name	Facility Address
FRS	110001673706	WOVEN ELECTRONICS CORP.	1001 OLD STAGE RD, SIMPSONVILLE, SC 29681
AFS	4504500252	WOVEN ELECTRONICS CORP	1001 OLD STAGE RD, SIMPSONVILLE, SC 29681
TRI	29681WVNLC1001O	WOVEN ELECTRONICS CORP.	1001 OLD STAGE RD., SIMPSONVILLE, SC 29681
RCR	SCD980839120	WOVEN ELECTRONICS	OLD STAGE RD, SIMPSONVILLE, SC 29681
RCR	SCD980838015	WOVEN ELECTRONICS	1001 OLD STAGE RD, SIMPSONVILLE, SC 29681

Facility SIC Codes

System	Identifier	SIC Code	SIC Desc
TRI	29681WVNLC1001O	3679	--
AFS	4504500252	3679	--
AFS	4504500252	3769	--

Facility NAICS Codes

System	Identifier	NAICS Code	NAICS Desc
TRI	29681WVNLC1001O	334419	Other Electronic Component Manufacturing
AFS	4504500252	334419	Other Electronic Component Manufacturing

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CAA	4504500252	AFS	STATE PCE/ON-SITE	State	08/05/2010	--

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC/HPV	Description	Current As Of	Qtrs in NC (of 12)
CAA	4504500252	No	--	06/07/2014	0
RCRA	SCD980839120	No	--	06/07/2014	0
RCRA	SCD980838015	No		06/07/2014	0

RCRA	SCD980838015	No	--	06/07/2014	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
CAA (Source ID: 4504500252)		07/01-09/30 2011	10/01-12/31 2011	01/01-03/31 2012	04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014
	Facility-Level Status	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol
	HPV History	--	--	--	--	--	--	--	--	--	--	--	--
	Program/Pollutant in Current Violation												
CAA	SIP	--	--	--	--	--	--	--	--	--	--	--	--
RCRA (Source ID: SCD980838015)		07/01-09/30 2011	10/01-12/31 2011	01/01-03/31 2012	04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014
RCRA	Facility-Level Status	--	--	--	--	--	--	--	--	--	--	--	--
RCRA (Source ID: SCD980839120)		07/01-09/30 2011	10/01-12/31 2011	01/01-03/31 2012	04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014
RCRA	Facility-Level Status	--	--	--	--	--	--	--	--	--	--	--	--

Informal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date
No data records returned				

Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

ICIS Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned										

Environmental Conditions

Water Quality

Permit ID	Watershed (HUC 8)	Watershed Name (HUC 8)	Watershed (HUC 12)	Watershed Name (HUC 12)	Receiving Waters	Impaired Waters	Combined Sewer System?
110001673706	03050108	ENOREE	030501090404	Laurel Creek-Reedy River	--	No	--

Air Quality

Non-Attainment Area?	Pollutant(s)
No	Ozone
No	Lead
No	Particulate Matter

Pollutants

TRI History of Reported Chemicals Released in Pounds per Year at Site

Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned						

TRI Total Releases and Transfers by Chemical and Year

Chemical Name	2004	2005	2006	2007	2008	2009	2010	2011	2012
LEAD	--	--	--	--	--	--	--	--	--

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	99%	Households in Area:	15,887
Center latitude:	34.75372	Water Area:	1%	Housing Units in Area:	16,951
Center Longitude:	-82.27038	Population Density:	1,456/sq.mi.	Households on Public Assistance:	347
Total Persons:	40,911	Percent Minority:	27%	Persons Below Poverty Level:	9,456

Race Breakdown	Persons (%)
White:	31,448 (76.87%)
African-American:	6,831 (16.7%)
Hispanic-Origin:	2,722 (6.65%)
Asian/Pacific Islander:	710 (1.74%)
American Indian:	85 (.21%)
Other/Multiracial:	1,837 (4.49%)

Age Breakdown	Persons (%)
Child 5 years and younger:	2,774 (6.78%)
Minors 17 years and younger:	10,458 (25.56%)
Adults 18 years and older:	30,453 (74.44%)
Seniors 65 years and older:	4,978 (12.17%)

Education Level (Persons 25 & older)	Persons (%)
Less than 9th Grade:	558 (2.08%)
9th through 12th Grade:	2,041 (7.62%)
High School Diploma:	7,190 (26.83%)
Some College/2-yr:	8,523 (31.81%)
B.S./B.A. or More:	8,483 (31.66%)

Income Breakdown	Households (%)
Less than $15,000:	8,483 (31.66%)
$15,000 - $25,000:	1,774 (11.39%)
$25,000 - $50,000:	4,000 (25.69%)
$50,000 - $75,000:	3,022 (19.41%)
Greater than $75,000:	5,633 (36.18%)

Woven
1001 Old Stage Road
Simpsonville, SC 29681

Inquiry Number: 3964586.2s
June 05, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
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Government Records Searched/Data Currency Tracking	GR-1

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Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
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Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1001 OLD STAGE ROAD
SIMPSONVILLE, SC 29681

COORDINATES

Latitude (North):	34.7531000 - 34° 45' 11.16''
Longitude (West):	82.2704000 - 82° 16' 13.44''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	383720.7
UTM Y (Meters):	3846201.5
Elevation:	903 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34082-G3 MAULDIN, SC
Most Recent Revision:	1983
South Map:	34082-F3 SIMPSONVILLE, SC
Most Recent Revision:	1983

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2011
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WOVEN ELECTRONICS CORP 1001 OLD STAGE RD SIMPSONVILLE, SC 29681	RCRA-CESQG FINDS US AIRS	SCD980838015
WOVEN ELECTRONICS INC 1001 OLD STAGE RD SIMPSONVILLE, SC 29681	SC SHWS SC SPILLS SC AIRS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls
LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SC SWF/LF ---------- Permitted Landfills List

State and tribal leaking storage tank lists

SC LUST ---------- Leaking Underground Storage Tank List

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ---- Underground Storage Tanks on Indian Land
FEMA UST ---- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

SC RCR ---- Registry of Conditional Remedies
SC AUL ---- Land Use Controls

State and tribal voluntary cleanup sites

SC VCP ---- Voluntary Cleanup Sites
INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

SC BROWNFIELDS ---- Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
SC SWRCY ---- Solid Waste Recycling Facilities
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---- Clandestine Drug Labs
SC ALLSITES ---- Site Assessment & Remediation Public Record Database
SC CDL ---- Clandestine Drug Lab Sites
US HIST CDL ---- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
SC SPILLS 90 ---- SPILLS 90 data from FirstSearch
SC SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOT OPS ---- Incident and Accident Data

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
SC GWCI	Groundwater Contamination Inventory
SC UIC	Underground Injection Wells Listing
SC DRYCLEANERS	Drycleaner Database
SC NPDES	Waste Water Treatment Facilities Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
SC COAL ASH	Coal Ash Disposal Sites
SC Financial Assurance	Financial Assurance Information Listing
2020 COR ACTION	2020 Corrective Action Program List
LEAD SMELTERS	Lead Smelter Sites
PRP	Potentially Responsible Parties
US FIN ASSUR	Financial Assurance Information
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE	Steam-Electric Plant Operation Data
EPA WATCH LIST	EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

SC RGA LUST	Recovered Government Archive Leaking Underground Storage Tank
SC RGA LF	Recovered Government Archive Solid Waste Facilities List
SC RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRYOVAC SIMPSONVILLE	***803 N MAPLE ST***	***SE 1/8 - 1/4 (0.249 mi.)***	***F22***	***31***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRYOVAC SIMPSONVILLE	***803 N MAPLE ST***	***SE 1/8 - 1/4 (0.249 mi.)***	***F22***	***31***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are

3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUID SYSTEM INC	***998 N MAPLE ST***	***E 0 - 1/8 (0.016 mi.)***	***B5***	***16***
TAYLOR COLOR & COLLISION	***104 METROGATE CT***	***NW 1/8 - 1/4 (0.180 mi.)***	***D13***	***23***
RITE AID #11658	930 NORTH EAST MAIN STR	NE 1/8 - 1/4 (0.212 mi.)	19	28

State- and tribal - equivalent CERCLIS

SC SHWS: State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

A review of the SC SHWS list, as provided by EDR, and dated 03/18/2014 has revealed that there is 1 SC SHWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRYOVAC SIMPSONVILLE	***803 N MAPLE ST***	***SE 1/8 - 1/4 (0.249 mi.)***	***F22***	***31***

State and tribal registered storage tank lists

SC UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health & Environmental Control's list: Comprehensive Underground Storage Tanks.

A review of the SC UST list, as provided by EDR, and dated 02/25/2014 has revealed that there are 4 SC UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PANTRY 547	932 NE MAIN ST	ENE 1/8 - 1/4 (0.168 mi.)	12	22
SPINX 429	1000 NE MAIN ST	NNE 1/8 - 1/4 (0.185 mi.)	E15	27
SIMPSONVILLE SECTION SHED	651 OLD STAGE COACH RD	NW 1/8 - 1/4 (0.198 mi.)	D18	28

Lower Elevation	Address	Direction / Distance	Map ID	Page
WR GRACE & CO CRYOVAC DIV	803 N MAPLE ST	SE 1/8 - 1/4 (0.249 mi.)	F23	61

SC AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Health & Environmental Control's list: Comprehensive Aboveground Storage Tanks.

A review of the SC AST list, as provided by EDR, and dated 03/25/2004 has revealed that there is 1 SC AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRYOVAC, SEALED AIR CORP.	803 N MAPLE ST	SE 1/8 - 1/4 (0.249 mi.)	F21	30

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WOVEN ELECTRONICS	OLD STAGE RD	ENE 0 - 1/8 (0.008 mi.)	A3	14

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRYOVAC SIMPSONVILLE	***803 N MAPLE ST***	***SE 1/8 - 1/4 (0.249 mi.)***	***F22***	***31***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 9 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	972 N MAPLE ST	ESE 0 - 1/8 (0.010 mi.)	B4	15
Not reported	10014 PELHAM RD	NE 0 - 1/8 (0.032 mi.)	7	19
Not reported	104 METROGATE CT	NW 1/8 - 1/4 (0.180 mi.)	D14	26
Not reported	1000 NE MAIN ST	NNE 1/8 - 1/4 (0.185 mi.)	E16	27
Not reported	1010 NE MAIN ST	NNE 1/8 - 1/4 (0.189 mi.)	E17	27

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	895 NE MAIN ST	E 1/8 - 1/4 (0.165 mi.)	C8	19

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	904 NE MAIN ST	ENE 1/8 - 1/4 (0.165 mi.)	C9	20
Not reported	891 NE MAIN ST	E 1/8 - 1/4 (0.166 mi.)	C10	21
Not reported	806 N MAPLE ST	SE 1/8 - 1/4 (0.244 mi.)	F20	30

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	926 NE MAIN ST	ENE 1/8 - 1/4 (0.167 mi.)	C11	22

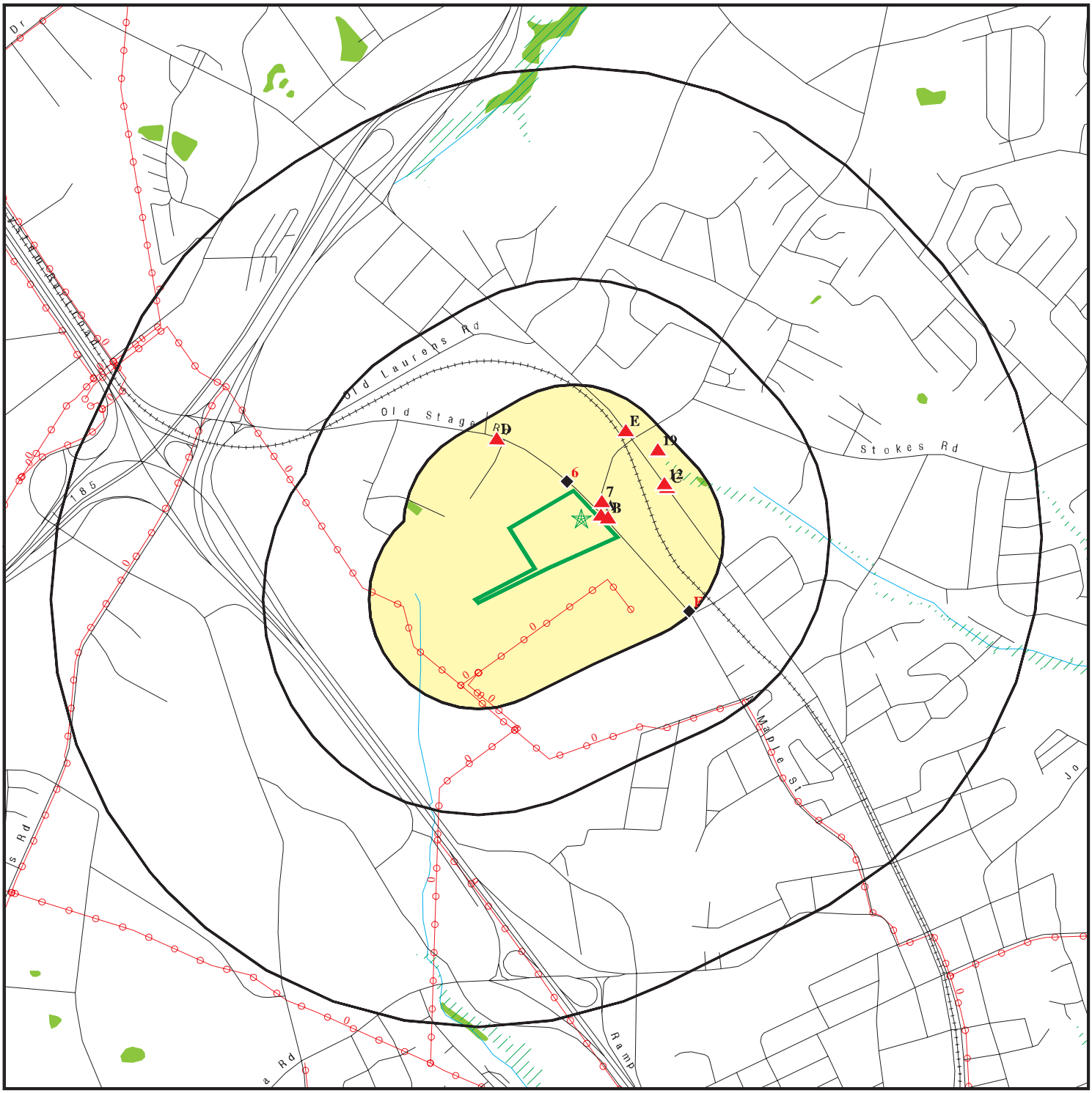
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1011 OLD STAGE RD	NNW 0 - 1/8 (0.027 mi.)	6	18

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 16 records.

Site Name	Database(s)
GIVENS YOUTH CORRECTIONS CTR	SC GWCI, SC RCR, SC LUST, SC UST
SIMPSONVILLE (OLD) DUMP	CERCLIS, SC SHWS, SC ALLSITES, SC GWCI
PARA-CHEM SOUTHERN INC	TSCA, SC SHWS, SC ALLSITES
OLD SIMPSONVILLE DUMP #2	SC SHWS, SC ALLSITES
GROCE ROAD LANDFILL #22	SC SHWS
HOWARD DRIVE WELLS	SC SHWS
SIMPSONVILLE DUMP #3	CERC-NFRAP, SC SHWS
AMERICAN MONORAIL PRODUCTS	SC SHWS
J & A LAUNDRY SERVICE	SC SHWS, SC DRYCLEANERS
GOLDEN STRIP SEPTIC TANK	SC SHWS
AMERICAN MONORAIL PRODUCTS	CERC-NFRAP
BROWN PLUMBING CO	SC LUST, SC UST
COUNTRY TRADING POST	SC LUST, SC UST
SHERWOOD CHEVROLET CO	SC LUST, SC UST
FIBERWEB NORTH AMERICA INC	SC UST
HARNISCHFEGER CORP	RCRA NonGen / NLR

OVERVIEW MAP - 3964586.2s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Woven ADDRESS: 1001 Old Stage Road Simpsonville SC 29681 LAT/LONG: 34.7531 / 82.2704	CLIENT: CRB Geological & Env. Services CONTACT: Robert Workman, PG INQUIRY #: 3964586.2s DATE: June 05, 2014 4:30 pm

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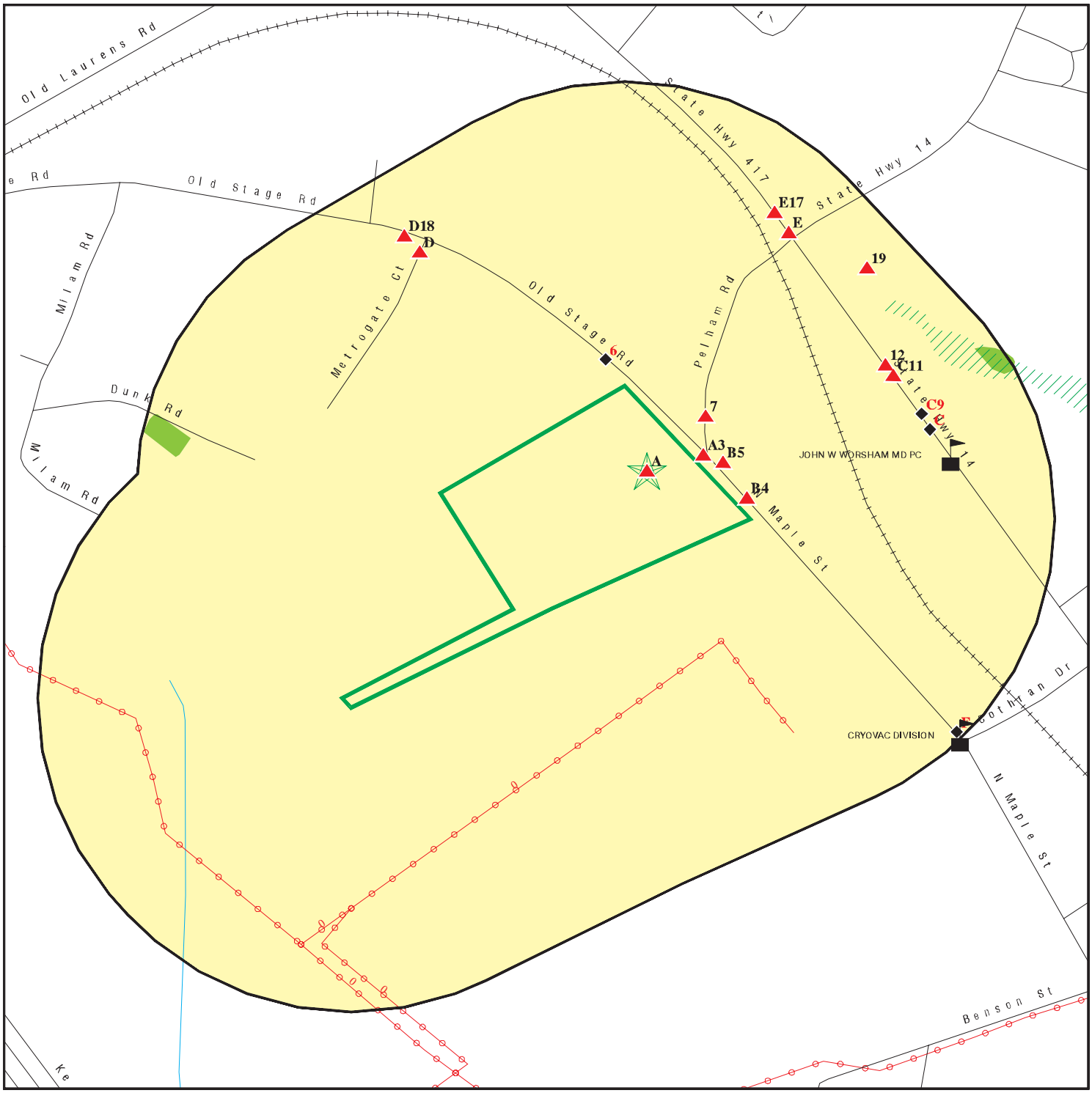
DETAIL MAP - 3964586.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
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This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Woven	CLIENT: CRB Geological & Env. Services
ADDRESS: 1001 Old Stage Road Simpsonville SC 29681	CONTACT: Robert Workman, PG
LAT/LONG: 34.7531 / 82.2704	INQUIRY #: 3964586.2s DATE: June 05, 2014 4:32 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	1	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	1	2	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SC SHWS	1.000	1	0	1	0	0	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SC SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
SC LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
SC UST	0.250		0	4	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SC AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
SC RCR	0.500		0	0	0	NR	NR	0
SC AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
SC VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
SC BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SC SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
SC ALLSITES	0.500		0	0	0	NR	NR	0
SC CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SC SPILLS	TP	1	NR	NR	NR	NR	NR	1
SC SPILLS 90	TP		NR	NR	NR	NR	NR	0
SC SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
SC GWCI	0.500		0	0	0	NR	NR	0
SC UIC	TP		NR	NR	NR	NR	NR	0
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
SC DRYCLEANERS	0.250		0	0	NR	NR	NR	0
SC NPDES	TP		NR	NR	NR	NR	NR	0
SC AIRS	TP	1	NR	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
SC COAL ASH	0.500		0	0	0	NR	NR	0
SC Financial Assurance	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		2	7	NR	NR	NR	9
EDR US Hist Cleaners	0.250		1	1	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
SC RGA LUST	TP		NR	NR	NR	NR	NR	0
SC RGA LF	TP		NR	NR	NR	NR	NR	0
SC RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **WOVEN ELECTRONICS CORP**
1001 OLD STAGE RD
SIMPSONVILLE, SC 29681

RCRA-CESQG
FINDS
US AIRS

1000206454
SCD980838015

Site 1 of 3 in cluster A

Actual: 903 ft.

RCRA-CESQG:

Date form received by agency:	03/11/2002
Facility name:	WOVEN ELECTRONICS
Facility address:	1001 OLD STAGE RD SIMPSONVILLE, SC 29681
EPA ID:	SCD980838015
Mailing address:	PO BOX 189 MAULDIN, SC 29662
Contact:	JIM RICKET
Contact address:	1001 OLD STAGE RD SIMPSONVILLE, SC 29681
Contact country:	US
Contact telephone:	(864) 963-5131
Contact email:	Not reported
EPA Region:	04
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	JACKSON W BURNETT III
Owner/operator address:	PO BOX 367 GREENVILLE, SC 29602
Owner/operator country:	Not reported
Owner/operator telephone:	(864) 967-1739
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

WOVEN ELECTRONICS CORP (Continued) **1000206454**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/29/1984
Facility name: WOVEN ELECTRONICS
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110001673706

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for

WOVEN ELECTRONICS CORP (Continued) **1000206454**

information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001673706
Plant name:	WOVEN ELECTRONICS CORP
Plant address:	1001 OLD STAGE RD SIMPSONVILLE, SC 29681
County:	GREENVILLE
Region code:	04
Dunn & Bradst #:	Not reported
Air quality cntrl region:	202
Sic code:	3679
Sic code desc:	ELECTRONIC COMPONENTS, NEC
North Am. industrial classf:	334419
NAIC code description:	Other Electronic Component Manufacturing
Default compliance status:	IN COMPLIANCE - INSPECTION
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

WOVEN ELECTRONICS CORP (Continued) **1000206454**

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported

Air program:	SIP SOURCE

WOVEN ELECTRONICS CORP (Continued) **1000206454**

National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1101
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1103
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1201
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1204
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN

WOVEN ELECTRONICS CORP (Continued) **1000206454**

Hist compliance date: 1302
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1004
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1102
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1104
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1202
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1203
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1301
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - SHUT DOWN
Hist compliance date: 1303

WOVEN ELECTRONICS CORP (Continued) **1000206454**

Air prog code hist file: Not reported

Compliance & Violation Data by Minor Sources:
Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: Not reported
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - SHUT DOWN
Def. attainment/non attnmnt: UNCLASSIFIED
Repeat violator date: Not reported
Turnover compliance: Not reported

Permit Information:
Compliance plant ID: 00252
Permit number: 1200-0252
Permit category: N
Permit category desc: NON-TITLE V OPERATING PER

Event Information:
Compliance permit ID: 00252
Permit number: 1200-0252
Event action type: IF
Event description: *PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #: 001
Event date: 19980526

A2 Target Property **WOVEN ELECTRONICS INC** **SC SHWS** **S108282287**
1001 OLD STAGE RD **SC SPILLS** **N/A**
SIMPSONVILLE, SC 29681 **SC AIRS**

Site 2 of 3 in cluster A

Actual: 903 ft.

SHWS:
EPA ID: SCS123457547

SPILL:
Incident ID number: 48764048
Incident Name: 200903378
District Logged In: 2009-045
Date DHEC notified: 06/01/2009
DHEC notification: 8:43:57
Observed date: Not reported
observed_t: Not reported
Spill Date: Not reported
Spill Time: Not reported
Duration: Not reported
Created Date: 06/02/2009
Updated Date: 07/15/2009
District Name: Greenville EQC Office

WOVEN ELECTRONICS INC (Continued) **S108282287**

PRP Last Name:	FEDEX FREIGHT
PRP First Name:	Not reported
Incident substance type:	Hazardous Material
Received by Name:	PAULA FOWLER
Revieved by Name:	TODD PLATING
Transportation:	Y
Surface water affected:	No
Lead Investigator Name:	Not reported
CCBEP:	No
Water body:	Not reported
Caller Last Name:	Not reported
Caller name:	Not reported
Caller phone number:	Not reported
Caller extension:	Not reported
Caller organization:	Not reported
Substance:	METHACRYLIC ACID, [INHIBITED]
Quantity:	25
Units:	Gallons
Recovered:	Not reported
Recovered Units:	Not reported
Comments:	Not reported

AIRS:

Operate Status:	O
Emissions Contact:	JIM RICKET
Contact Telephone:	8649671749
Mail Address:	PO BOX 189
Mail City/State/Zip:	MAULDIN, SC 296620189
Latitude/Longitude:	344617 / 821708
Source Industrial Code (SIC):	3679
NAICS Code:	334419
State Permit Number:	1200-0252
State Permit Type:	Not reported

A3 **WOVEN ELECTRONICS** **RCRA NonGen / NLR** **1004780108**
ENE **OLD STAGE RD** **SCD980839120**
< 1/8 **SIMPSONVILLE, SC 29681**
0.008 mi.
44 ft. **Site 3 of 3 in cluster A**

Relative:
Higher

Actual:
908 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/27/2002
Facility name:	WOVEN ELECTRONICS
Facility address:	OLD STAGE RD SIMPSONVILLE, SC 29681
EPA ID:	SCD980839120
Mailing address:	PO BOX 189 MAULDIN, SC 29662
Contact:	JOSEPH MORAN
Contact address:	PO BOX 189 MAULDIN, SC 29662
Contact country:	US
Contact telephone:	(803) 963-5131
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator

WOVEN ELECTRONICS (Continued) **1004780108**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WOVEN ELECTRONICS
Owner/operator address: PO BOX 189
MAULDIN, SC 29662
Owner/operator country: Not reported
Owner/operator telephone: (803) 963-5131
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/04/1985
Facility name: WOVEN ELECTRONICS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

B4 **EDR US Hist Auto Stat** **1015686682**
ESE **972 N MAPLE ST** **N/A**
< 1/8 **SIMPSONVILLE, SC 29681**
0.010 mi.
53 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
906 ft.

EDR Historical Auto Stations:
Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 1999
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 2000
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 2001
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP

(Continued) **1015686682**

Year: 2002
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 2003
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 2005
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP INC
Year: 2006
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP INC
Year: 2007
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP INC
Year: 2008
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP INC
Year: 2009
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 2010
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 2011
Address: 972 N MAPLE ST

Name: ELITE CUSTOM PAINT & BODY SHOP
Year: 2012
Address: 972 N MAPLE ST

B5 **LIQUID SYSTEM INC** **RCRA-CESQG** **1001969339**
East **998 N MAPLE ST** **FINDS** **SC0000902684**
< 1/8 **SIMPSONVILLE, SC 29681**
0.016 mi.
85 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
909 ft.

RCRA-CESQG:
Date form received by agency: 03/01/2000
Facility name: LIQUID SYSTEM INC
Facility address: 998 N MAPLE ST
SIMPSONVILLE, SC 29681
EPA ID: SC0000902684
Mailing address: N MAPLE ST
SIMPSONVILLE, SC 29681
Contact: JEFF JEFFERSON
Contact address: N MAPLE ST
SIMPSONVILLE, SC 29681
Contact country: US
Contact telephone: (803) 967-4567

LIQUID SYSTEM INC (Continued) **1001969339**

Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: LIQUID SYSTEMS INC
Owner/operator address: 998 N MAPLE ST
SIMPSONVILLE, SC 29681
Owner/operator country: Not reported
Owner/operator telephone: (999) 999-9999
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/01/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

LIQUID SYSTEM INC (Continued) **1001969339**

FINDS:

Registry ID: 110002249736

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

6
NNW
< 1/8
0.027 mi.
140 ft.

Relative:
Lower

Actual:
902 ft.

1011 OLD STAGE RD
SIMPSONVILLE, SC 29681

EDR US Hist Cleaners **1014968088**
N/A

EDR Historical Cleaners:

Name:	GUARANTEE CARPET CLEANING
Year:	1999
Address:	1011 OLD STAGE RD
Name:	GUARANTEE CARPET CLEANING
Year:	2000
Address:	1011 OLD STAGE RD
Name:	GUARANTEE CARPET CLEANING
Year:	2001
Address:	1011 OLD STAGE RD
Name:	GUARANTEE CARPET CLEANING
Year:	2002
Address:	1011 OLD STAGE RD
Name:	GUARANTEE CARPET CLEANING
Year:	2003
Address:	1011 OLD STAGE RD

7
NE
< 1/8
0.032 mi.
167 ft.

10014 PELHAM RD
SIMPSONVILLE, SC 29681

EDR US Hist Auto Stat **1015121345**
N/A

Relative:
Higher

Actual:
913 ft.

EDR Historical Auto Stations:

Name:	SIMPSONVILLE AUTOMOTIVE & TIRE INC
Year:	2003
Address:	10014 PELHAM RD
Name:	SIMPSONVILLE AUTOMOTIVE & TIRE INC
Year:	2004
Address:	10014 PELHAM RD
Name:	SIMPSONVILLE AUTOMOTIVE & TIRE INC
Year:	2005
Address:	10014 PELHAM RD
Name:	SIMPSONVILLE AUTOMOTIVE & TIRE INC
Year:	2006
Address:	10014 PELHAM RD
Name:	SIMPSONVILLE AUTOMOTIVE & TIRE INC
Year:	2007
Address:	10014 PELHAM RD
Name:	SIMPSONVILLE AUTOMOTIVE & TIRE INC
Year:	2008
Address:	10014 PELHAM RD
Name:	SIMPSONVILLE AUTOMOTIVE & TIRE INC
Year:	2009
Address:	10014 PELHAM RD

C8
East
1/8-1/4
0.165 mi.
871 ft.

895 NE MAIN ST
SIMPSONVILLE, SC 29681
Site 1 of 4 in cluster C

EDR US Hist Auto Stat **1015664775**
N/A

Relative:
Lower

Actual:
901 ft.

EDR Historical Auto Stations:

Name:	BRAKE EXPERTS MANAGEMENT
Year:	2000
Address:	895 NE MAIN ST
Name:	BRAKE EXPERTS MANAGEMENT
Year:	2001
Address:	895 NE MAIN ST
Name:	BARTONS TEXACO EXPRESS LUBE
Year:	2002
Address:	895 NE MAIN ST
Name:	NORTH HILLS AUTO SALES USED CA
Year:	2003
Address:	895 NE MAIN ST
Name:	BRAKE XPERTS
Year:	2010

(Continued) **1015664775**

Address: 895 NE MAIN ST

C9 **EDR US Hist Auto Stat** **1015669353**
ENE **904 NE MAIN ST** **N/A**
1/8-1/4 **SIMPSONVILLE, SC 29681**
0.165 mi.
872 ft. **Site 2 of 4 in cluster C**

Relative:
Lower

Actual:
902 ft.

EDR Historical Auto Stations:

Name: UPSTATE AUTOMOTIVE & TIRE INCORPORATED
Year: 1999
Address: 904 NE MAIN ST

Name: FIRST CLASS AUTO CENTERS
Year: 2002
Address: 904 NE MAIN ST

Name: HIPPS AUTOMOTIVE
Year: 2004
Address: 904 NE MAIN ST

Name: HIPPS AUTOMOTIVE
Year: 2005
Address: 904 NE MAIN ST

Name: HIPPS AUTOMOTIVE
Year: 2006
Address: 904 NE MAIN ST

Name: HIPPS AUTO
Year: 2007
Address: 904 NE MAIN ST

Name: HIPPS AUTO
Year: 2008
Address: 904 NE MAIN ST

Name: HIPPS AUTOMOTIVE
Year: 2009
Address: 904 NE MAIN ST

Name: HIPPS AUTOMOTIVE SVC CTR
Year: 2010
Address: 904 NE MAIN ST

Name: HIPPS AUTOMOTIVE
Year: 2011
Address: 904 NE MAIN ST

Name: HIPPS AUTOMOTIVE
Year: 2012
Address: 904 NE MAIN ST

C10
East
1/8-1/4
0.166 mi.
877 ft.

891 NE MAIN ST
SIMPSONVILLE, SC 29681

Site 3 of 4 in cluster C

EDR US Hist Auto Stat **1015664085**
N/A

Relative:
Lower

Actual:
901 ft.

EDR Historical Auto Stations:

Name:	NORTH HILLS AUTOMOTIVE SERVICE
Year:	1999
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INCORPORATED
Year:	2000
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INCORPORATED
Year:	2001
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INC
Year:	2002
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INC
Year:	2003
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INC
Year:	2004
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INC
Year:	2005
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INC
Year:	2006
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE
Year:	2010
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INC
Year:	2011
Address:	891 NE MAIN ST
Name:	NORTH HILLS AUTOMOTIVE INC
Year:	2012
Address:	891 NE MAIN ST

C11
ENE
1/8-1/4
0.167 mi.
880 ft.

926 NE MAIN ST
SIMPSONVILLE, SC 29681

Site 4 of 4 in cluster C

EDR US Hist Cleaners **1015106711**
N/A

Relative:
Higher

Actual:
908 ft.

EDR Historical Cleaners:

Name:	EXECUTIVE CARPET CLEANING OF SIMPSON
Year:	2011
Address:	926 NE MAIN ST
Name:	EXECUTIVE CARPET CLEANING OF SIMPSON
Year:	2012
Address:	926 NE MAIN ST

12
ENE
1/8-1/4
0.168 mi.
887 ft.

PANTRY 547
932 NE MAIN ST
SIMPSONVILLE, SC 29681

SC UST **U003625272**
N/A

Relative:
Higher

Actual:
908 ft.

UST:

Facility ID:	4615
Owner:	PANTRY INC
Owner Contact:	MARY BATCHELOR
Owner Address:	1801 DOUGLAS DR
Owner City,St,Zip:	SANFORD, NC 27330
Owner Phone:	800-476-7574
Contact:	MARY BATCHELOR
Contact Phone:	864-963-5603
Tank ID:	1
Status:	**Currently in use**
Capacity:	10000
Product:	RUL
Calcage:	5
Tank ID:	2
Status:	**Currently in use**
Capacity:	10000
Product:	PLUS
Calcage:	5
Tank ID:	3
Status:	**Currently in use**
Capacity:	10000
Product:	PREM
Calcage:	5

D13
NW
1/8-1/4
0.180 mi.
951 ft.

TAYLOR COLOR & COLLISION
104 METROGATE CT
SIMPSONVILLE, SC

Site 1 of 3 in cluster D

RCRA-CESQG FINDS | **1004781188** | **SCR000760827**

Relative:
Higher

Actual:
909 ft.

RCRA-CESQG:

Date form received by agency:	06/20/2008
Facility name:	TAYLOR COLOR & COLLISION LLC
Facility address:	104 METROGATE CT SIMPSONVILLE, SC 29681
EPA ID:	SCR000760827
Mailing address:	PO BOX 1920 SIMPSONVILLE, SC 29681
Contact:	PAM TAYLOR
Contact address:	METROGATE CT SIMPSONVILLE, SC 29681
Contact country:	US
Contact telephone:	(864) 962-8224
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PAUL A TAYLOR
Owner/operator address:	104 METROGATE CT SIMPSONVILLE, SC 29681
Owner/operator country:	US
Owner/operator telephone:	(864) 962-8224
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	PAUL A TAYLOR
Owner/operator address:	104 METROGATE CT SIMPSONVILLE, SC 29681
Owner/operator country:	Not reported
Owner/operator telephone:	(864) 962-8224
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

TAYLOR COLOR & COLLISION (Continued) **1004781188**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/11/2000
Facility name: TAYLOR COLOR & COLLISION LLC
Site name: TAYLOR COLOR & COLLISION
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F003

TAYLOR COLOR & COLLISION (Continued) **1004781188**

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/10/2001
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110002181460

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D14
NW
1/8-1/4
0.180 mi.
951 ft.

104 METROGATE CT
SIMPSONVILLE, SC 29681

Site 2 of 3 in cluster D

EDR US Hist Auto Stat **1015136081**
N/A

Relative:
Higher

Actual:
909 ft.

EDR Historical Auto Stations:

Name:	TAYLOR COLOR & COLLISION
Year:	2000
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION
Year:	2001
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION LLC
Year:	2002
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION LLC
Year:	2004
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION LLC
Year:	2005
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION LLC
Year:	2006
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION LLC
Year:	2007
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION LLC
Year:	2008
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION LLC
Year:	2009
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION
Year:	2011
Address:	104 METROGATE CT
Name:	TAYLOR COLOR & COLLISION
Year:	2012
Address:	104 METROGATE CT

E15
NNE
1/8-1/4
0.185 mi.
976 ft.

SPINX 429
1000 NE MAIN ST
SIMPSONVILLE, SC 29681

Site 1 of 3 in cluster E

SC UST **U003525506**
N/A

Relative:
Higher

Actual:
917 ft.

UST:

Facility ID:	13209
Owner:	ACE ENERGY CORP
Owner Contact:	HEATH FURCHES
Owner Address:	PO BOX 8624
Owner City,St,Zip:	GREENVILLE, SC 29604-8624
Owner Phone:	864-233-5421
Contact:	HEATH FURCHES
Contact Phone:	864-967-0460
Tank ID:	1
Status:	**Currently in use**
Capacity:	20000
Product:	RUL
Calcage:	0

E16
NNE
1/8-1/4
0.185 mi.
976 ft.

1000 NE MAIN ST
SIMPSONVILLE, SC 29681

Site 2 of 3 in cluster E

EDR US Hist Auto Stat **1015120228**
N/A

Relative:
Higher

Actual:
917 ft.

EDR Historical Auto Stations:

Name:	SUNOCO
Year:	2010
Address:	1000 NE MAIN ST

E17
NNE
1/8-1/4
0.189 mi.
996 ft.

1010 NE MAIN ST
SIMPSONVILLE, SC 29681

Site 3 of 3 in cluster E

EDR US Hist Auto Stat **1015126305**
N/A

Relative:
Higher

Actual:
919 ft.

EDR Historical Auto Stations:

Name:	DOCTOR LUBE
Year:	2000
Address:	1010 NE MAIN ST
Name:	DOCTOR LUBE
Year:	2001
Address:	1010 NE MAIN ST
Name:	LUBE & MORE
Year:	2003
Address:	1010 NE MAIN ST
Name:	LUBE & MORE
Year:	2004
Address:	1010 NE MAIN ST
Name:	LUBE & MORE
Year:	2005

(Continued) **1015126305**

Address: 1010 NE MAIN ST

Name: LUBE & MORE
Year: 2006
Address: 1010 NE MAIN ST

Name: JESSES LUBE & MORE
Year: 2011
Address: 1010 NE MAIN ST

Name: JESSES LUBE & MORE
Year: 2012
Address: 1010 NE MAIN ST

D18 **SIMPSONVILLE SECTION SHED** **SC UST** **U003624599**
NW **651 OLD STAGE COACH RD** **N/A**
1/8-1/4 **SIMPSONVILLE, SC 29681**
0.198 mi.
1045 ft. **Site 3 of 3 in cluster D**

Relative:
Higher

Actual:
909 ft.

UST:
Facility ID: 3764
Owner: SC DEPARTMENT OF TRANSPORTATION
Owner Contact: AARON WILLIAMS
Owner Address: PO BOX 191
Owner City,St,Zip: COLUMBIA, SC 29202-0191
Owner Phone: 803-737-1548
Contact: AARON WILLIAMS
Contact Phone: 864-963-7214

Tank ID: 2
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: 0

Tank ID: 3
Status: **Abandoned**
Capacity: 12000
Product: Diesel
Calcage: 0

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19 **RITE AID #11658** **RCRA-CESQG** **1015750303**
NE **930 NORTH EAST MAIN STREET** **SCR000775890**
1/8-1/4 **SIMPSONVILLE, SC 29681**
0.212 mi.
1117 ft.

Relative:
Higher

Actual:
917 ft.

RCRA-CESQG:
Date form received by agency: 09/19/2012
Facility name: RITE AID #11658
Facility address: 930 NORTH EAST MAIN STREET
SIMPSONVILLE, SC 29681
EPA ID: SCR000775890
Mailing address: HUNTER LANE

RITE AID #11658 (Continued) **1015750303**

ATTN: EH&S
CAMP HILL, PA 17011
Contact: STEPHANIE CAIATI
Contact address: HUNTER LANE
CAMP HILL, PA 17011
Contact country: US
Contact telephone: (717) 730-8225
Contact email: Not reported
EPA Region: 04
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: EDC DRUG STORES, INC.
Owner/operator address: HUNTER LANE
CAMP HILL, PA 17011
Owner/operator country: US
Owner/operator telephone: (717) 761-2633
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/28/2012
Owner/Op end date: Not reported

Owner/operator name: RITE AID CORPORATION
Owner/operator address: HUNTER LANE
CAMP HILL, PA 17011
Owner/operator country: US
Owner/operator telephone: (717) 761-2633
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/28/2012
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

RITE AID #11658 (Continued) **1015750303**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D007
Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D024
Waste name: M-CRESOL

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075
Waste name: NICOTINE, & SALTS

Violation Status: No violations found

F20 **EDR US Hist Auto Stat** **1015641600**
SE **806 N MAPLE ST** **N/A**
1/8-1/4 **SIMPSONVILLE, SC 29681**
0.244 mi.
1286 ft. **Site 1 of 4 in cluster F**

Relative:
Lower

Actual:
897 ft.

EDR Historical Auto Stations:
Name: ORTEXAN AUTO
Year: 2008
Address: 806 N MAPLE ST

Name: VORTEXAN AUTO LLC
Year: 2009
Address: 806 N MAPLE ST

F21 **CRYOVAC, SEALED AIR CORP.** **SC AST** **A100200471**
SE **803 N MAPLE ST** **N/A**
1/8-1/4 **SIMPSONVILLE, SC 29681**
0.249 mi.
1315 ft. **Site 2 of 4 in cluster F**

Relative:
Lower

Actual:
898 ft.

AST:
Facility ID: 1830
District: App 2
Mailing Addr: Not reported
Mailing City,St,Zip: Simpsonville, SC 29681-
Facility Manager: Stephanie Shealy
Manager Phone: 8649671231

CRYOVAC, SEALED AIR CORP. (Continued) **A100200471**

Facility office location:	PO Box 388
Facility phone number:	8649634111
Facility manager Ext:	Not reported
Tank A-How many of size < 250 glns:	0
Tank B-How many of size 250-1000 glns:	3
Tank C-How many of size 1001-2000 glns:	0
Tank D-How many of size 2001-10000 glns:	0
Tank E-How many of size 10001-42000 glns:	2
Tank F-How many of size 42001-250000 glns:	0
Tank G-How many of size 250001-1000000 glns:	0
Tank H-How many of size 10000001-4000000 glns:	0
Tank I-How many of size >4000000 glns:	0
Total site capacity 661-2,000 glns:	False
Total site capacity 2001-10,000 glns:	False
Total site capacity 10,001-42,000 glns:	False
Total site capacity 42,001-100,000 glns:	True
Total site capacity 100,001-250,000 glns:	False
Total site capacity 250,001-1,000,000 glns:	False
Total site capacity 1,000,001-5,000,000 glns:	False
Total site capacity 5,000,0001-10,000,000 glns:	False
Total site capacity >10,000,000 glns:	False
Actual storage amount in gallons:	80000.00000
NAICS code:	42.00000
Is this a registered terminal facility?:	False
If not, does it need to be registered?:	False
Earthen containment:	False
Asphalt containment:	False
Liner:	False
Concrete floor and walls:	True
Concrete walls, earth floor:	False
Block walls, concrete floor:	False
Block walls, earthen floor:	False
Double wall tank:	False
Does containment need repair?:	False
GPS unit make/model:	Trimble XRS
GPS mode uncorrected,Radio beacon,Satellite corrected:	Sat - DGPS
Lat/Long:	34 44 54.98 -82 15 56.59
Date data was collected:	07/30/02
Comments:	total estimate

F22 **CRYOVAC SIMPSONVILLE** **CERC-NFRAP 1000352256**
SE **803 N MAPLE ST** **RCRA-LQG SCD047554753**
1/8-1/4 **SIMPSONVILLE, SC 29681** **FINDS**
0.249 mi. **SC SHWS**
1315 ft. **Site 3 of 4 in cluster F** **NJ MANIFEST**
SC AIRS

Relative:
Lower

CERC-NFRAP:

Site ID:	0403292
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Actual:
898 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	4358666.00000
Person ID:	4000583.00000

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Contact Sequence ID: 4359216.00000
Person ID: 4000234.00000

Contact Sequence ID: 4359769.00000
Person ID: 4270070.00000

Contact Sequence ID: 4363398.00000
Person ID: 4000271.00000

Contact Sequence ID: 4518973.00000
Person ID: 4000376.00000

Contact Sequence ID: 4535937.00000
Person ID: 4000275.00000

Contact Sequence ID: 4678807.00000
Person ID: 4270495.00000

Contact Sequence ID: 4778978.00000
Person ID: 13002428.00000

Contact Sequence ID: 13063529.00000
Person ID: 13002538.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: GRACE, W.R. & CO/ CRYOVAC PLT
Alias Address: Not reported
GREENVILLE, SC

Alias Name: GRACE, W.R. & CO/ CRYOVAC PLT
Alias Address: Not reported
GREENVILLE, SC

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 03/01/80
Priority Level: Low priority for further assessment

Action: DISCOVERY
Date Started: / /
Date Completed: 11/01/79
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 11/16/90
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 10/01/90
Date Completed: 11/16/90
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-LQG:
Date form received by agency: 01/27/2012

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Facility name:	CRYOVAC SIMPSONVILLE
Facility address:	803 N MAPLE ST SIMPSONVILLE, SC 29681-2251
EPA ID:	SCD047554753
Mailing address:	PO BOX 338 SIMPSONVILLE, SC 29681
Contact:	ANGELA JOSEPH
Contact address:	PO BOX 338 SIMPSONVILLE, SC 29681
Contact country:	US
Contact telephone:	(864) 967-1527
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CRYOVAC INC
Owner/operator address:	803 N MAPLE ST SIMPSONVILLE, SC 29681
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/28/2005
Owner/Op end date:	Not reported

Owner/operator name:	CRYOVAC INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/2009
Owner/Op end date:	Not reported

Owner/operator name:	CRYOVAC INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/2009

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: 803 N MAPLE ST
SIMPSONVILLE, SC 29681
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/28/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2012
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 12/31/2009
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 01/31/2008
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 01/01/2008
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 07/31/2006
Facility name: CRYOVAC SIMPSONVILLE
Site name: CRYOVAC DIVISION WR GRACE & CO
Classification: Large Quantity Generator

Date form received by agency: 01/01/2006
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 04/28/2005

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Facility name: CRYOVAC SIMPSONVILLE
Site name: CRYOVAC DIVISION WR GRACE & CO
Classification: Large Quantity Generator

Date form received by agency: 02/01/2005
Facility name: CRYOVAC SIMPSONVILLE
Site name: CRYOVAC DIVISION WR GRACE & CO
Classification: Large Quantity Generator

Date form received by agency: 11/22/2004
Facility name: CRYOVAC SIMPSONVILLE
Site name: CRYOVAC DIVISION WR GRACE & CO
Classification: Large Quantity Generator

Date form received by agency: 01/01/2004
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 06/30/2003
Facility name: CRYOVAC SIMPSONVILLE
Site name: CRYOVAC DIVISION WR GRACE & CO
Classification: Large Quantity Generator

Date form received by agency: 08/01/2002
Facility name: CRYOVAC SIMPSONVILLE
Site name: CRYOVAC DIVISION WR GRACE & CO
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 08/04/2000
Facility name: CRYOVAC SIMPSONVILLE
Site name: CRYOVAC DIVISION WR GRACE & CO
Classification: Large Quantity Generator

Date form received by agency: 01/03/2000
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 03/01/1998
Facility name: CRYOVAC SIMPSONVILLE
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: CRYOVAC SIMPSONVILLE
Site name: W R GRACE & COMPANY - CRYOVAC DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Facility name: CRYOVAC SIMPSONVILLE
Site name: W R GRACE & COMPANY - CRYOVAC DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/02/1992
Facility name: CRYOVAC SIMPSONVILLE

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Site name: W R GRACE & CO-CRYOVAC DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990
Facility name: CRYOVAC SIMPSONVILLE
Site name: W R GRACE & COMPANY - CRYOVAC DIVISION
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 453035

Waste code: D002

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 3660

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 1100

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 1360

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 1360

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1360

Waste code: D008
Waste name: LEAD
Amount (Lbs): 260

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 90

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 110

Waste code: D028
Waste name: 1,2-DICHLOROETHANE
Amount (Lbs): 20

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 420

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 400

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 440

Waste code: U031
Waste name: 1-BUTANOL (I)
Amount (Lbs): 20

Facility Has Received Notices of Violations:
Regulation violated: SR - 262.11
Area of violation: Generators - Records/Reporting
Date violation determined: 02/04/1998
Date achieved compliance: 03/18/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 02/09/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.52 & 53
Area of violation: Generators - General
Date violation determined: 02/04/1998
Date achieved compliance: 03/18/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 02/09/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34
Area of violation: Generators - General
Date violation determined: 02/04/1998
Date achieved compliance: 03/18/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 02/09/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Regulation violated: SR - 265.173
Area of violation: Generators - General
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/16/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.15(d)
Area of violation: Generators - Records/Reporting
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.16
Area of violation: Generators - Records/Reporting
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.15(d)
Area of violation: Generators - Records/Reporting
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/16/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Area of violation: Generators - General
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.16
Area of violation: Generators - Records/Reporting
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/18/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 4250
Paid penalty amount: 4250

Regulation violated: SR - 265.16
Area of violation: Generators - Records/Reporting
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/16/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.15(d)
Area of violation: Generators - Records/Reporting
Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/18/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 4250
Paid penalty amount: 4250

Regulation violated: SR - 265.173
Area of violation: Generators - General

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Date violation determined: 03/27/1997
Date achieved compliance: 01/28/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/18/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 4250
Paid penalty amount: 4250

Regulation violated: SR - 262.32
Area of violation: Generators - Pre-transport
Date violation determined: 11/13/1995
Date achieved compliance: 12/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.15
Area of violation: Generators - Records/Reporting
Date violation determined: 11/13/1995
Date achieved compliance: 12/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 11/13/1995
Date achieved compliance: 12/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.16
Area of violation: Generators - General
Date violation determined: 11/13/1995

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Date achieved compliance: 12/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.40
Area of violation: Generators - Records/Reporting
Date violation determined: 07/03/1995
Date achieved compliance: 08/02/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/03/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.15
Area of violation: Generators - Records/Reporting
Date violation determined: 07/03/1995
Date achieved compliance: 08/02/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/03/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.195
Area of violation: Generators - General
Date violation determined: 07/03/1995
Date achieved compliance: 08/02/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/03/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173 a
Area of violation: Generators - General
Date violation determined: 07/03/1995
Date achieved compliance: 08/02/1995

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/03/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.41(a)(5)
Area of violation: Generators - Records/Reporting
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34/265 subpt i
Area of violation: Generators - General
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 261 subpt c
Area of violation: Generators - General
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 06/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34/265 subpt i
Area of violation: Generators - General
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Enforcement action: Not reported
Enforcement action date: 06/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262 subpt c
Area of violation: Generators - Pre-transport
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 06/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262 subpt c
Area of violation: Generators - Pre-transport
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 261 subpt c
Area of violation: Generators - General
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.41(a)(5)
Area of violation: Generators - Records/Reporting
Date violation determined: 03/10/1993
Date achieved compliance: 06/04/1993
Violation lead agency: State
Enforcement action: Not reported

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Enforcement action date: 06/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.23(A)(3)
Area of violation: Generators - General
Date violation determined: 07/19/1991
Date achieved compliance: 09/13/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/19/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/19/1991
Date achieved compliance: 09/13/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/19/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.35
Area of violation: Generators - General
Date violation determined: 07/19/1991
Date achieved compliance: 09/13/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/19/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/25/1986
Date achieved compliance: 05/16/1986
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 02/20/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/02/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/14/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/18/1998
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/04/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/18/1998
Evaluation lead agency: State

Evaluation date: 02/04/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/18/1998
Evaluation lead agency: State

Evaluation date: 03/27/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/28/1998
Evaluation lead agency: State

Evaluation date: 03/27/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 01/28/1998
Evaluation lead agency: State

Evaluation date: 12/04/1995

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/04/1995
Evaluation lead agency: State

Evaluation date: 11/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/04/1995
Evaluation lead agency: State

Evaluation date: 11/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/04/1995
Evaluation lead agency: State

Evaluation date: 08/02/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/14/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/02/1995
Evaluation lead agency: State

Evaluation date: 06/14/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/02/1995
Evaluation lead agency: State

Evaluation date: 10/26/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/02/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/04/1993
Evaluation lead agency: State

Evaluation date: 02/02/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/04/1993

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Evaluation lead agency: State

Evaluation date: 02/02/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/04/1993
Evaluation lead agency: State

Evaluation date: 09/13/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/13/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/13/1991
Evaluation lead agency: State

Evaluation date: 07/17/1986
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/25/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/16/1986
Evaluation lead agency: State

FINDS:

Registry ID: 110042037408

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

The NEI (National Emissions Inventory) database contains information

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

SHWS:
EPA ID: SCD047554753

NJ MANIFEST:

Manifest Code:	NJA5297876
EPA ID:	SCD047554753
Date Shipped:	02/18/2006
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	FLR000057414
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/18/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/19/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04260621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

AIRS:

Operate Status:	O
Emissions Contact:	ANGELA JOSEPH
Contact Telephone:	8649671527
Mail Address:	PO BOX 338
Mail City/State/Zip:	SIMPSONVILLE, SC 296810338
Latitude/Longitude:	344452 / 821607
Source Industrial Code (SIC):	3081
NAICS Code:	326112
State Permit Number:	1200-0024
State Permit Type:	TITLEV
Year Inv:	2012
Pollutant Description:	SELENIUM & COMPOUNDS
Estimated Emissions (Tons/Yr):	0
Year Inv:	2012
Pollutant Description:	BENZ(A)ANTHRACENE
Estimated Emissions (Tons/Yr):	0
Year Inv:	2012
Pollutant Description:	ETHANOL
Estimated Emissions (Tons/Yr):	0.003905
Year Inv:	2012
Pollutant Description:	NAPHTHALENE
Estimated Emissions (Tons/Yr):	0.0001357
Year Inv:	2012
Pollutant Description:	NICKEL & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.0002027
Year Inv:	2012

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Pollutant Description: NITROGEN DIOXIDE
Estimated Emissions (Tons/Yr): 26.68936

Year Inv: 2012
Pollutant Description: PM (LESS THAN 10 MICRONS)
Estimated Emissions (Tons/Yr): 0.718774

Year Inv: 2012
Pollutant Description: BENZO(B,J,K)FLUORANTHENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: TOLUENE
Estimated Emissions (Tons/Yr): 0.00868

Year Inv: 2012
Pollutant Description: BENZO(G,H,I)PERYLENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: FLUORENE
Estimated Emissions (Tons/Yr): 0.0000004163

Year Inv: 2012
Pollutant Description: CADMIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.0001062

Year Inv: 2012
Pollutant Description: CHROMIUM COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: MANGANESE & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00003667

Year Inv: 2012
Pollutant Description: PM (LESS THAN 2.5 MICRONS)
Estimated Emissions (Tons/Yr): 0.718774

Year Inv: 2012
Pollutant Description: FLUORANTHENE
Estimated Emissions (Tons/Yr): 0.0000004458

Year Inv: 2012
Pollutant Description: VOLATILE ORGANIC COMPOUNDS
Estimated Emissions (Tons/Yr): 382.3073

Year Inv: 2012
Pollutant Description: ANTHRACENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: CHRYSENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: HYDROCHLORIC ACID

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Estimated Emissions (Tons/Yr): 0.155

Year Inv: 2012
Pollutant Description: BERYLLIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: MERCURY & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00002512

Year Inv: 2012
Pollutant Description: SULFUR DIOXIDE
Estimated Emissions (Tons/Yr): 2.677648

Year Inv: 2012
Pollutant Description: 1,4-DICHLOROBENZENE
Estimated Emissions (Tons/Yr): 0.0001785

Year Inv: 2012
Pollutant Description: PYRENE
Estimated Emissions (Tons/Yr): 0.0000007445

Year Inv: 2012
Pollutant Description: METHYL TERT-BUTYL ETHER
Estimated Emissions (Tons/Yr): 0.02612

Year Inv: 2012
Pollutant Description: ACENAPHTHYLENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: SULFUR TRIOXIDE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: ACENAPTHENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: CARBON MONOXIDE
Estimated Emissions (Tons/Yr): 14.44464

Year Inv: 2012
Pollutant Description: AMMONIA
Estimated Emissions (Tons/Yr): 0.550272

Year Inv: 2012
Pollutant Description: XYLENE (MIXED ISOMERS)
Estimated Emissions (Tons/Yr): 0.002055

Year Inv: 2012
Pollutant Description: INDENO(1,2,3-CD)PYRENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2012
Pollutant Description: BENZENE
Estimated Emissions (Tons/Yr): 0.0052729

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Year Inv: 2012
Pollutant Description: ARSENIC & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00002591

Year Inv: 2012
Pollutant Description: LEAD & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00004834

Year Inv: 2012
Pollutant Description: PARTICULATE MATTER (TOTAL)
Estimated Emissions (Tons/Yr): 4.895774

Year Inv: 2012
Pollutant Description: ETHYL BENZENE
Estimated Emissions (Tons/Yr): 0.000975

Year Inv: 2012
Pollutant Description: HEXANE
Estimated Emissions (Tons/Yr): 0.270655

Year Inv: 2012
Pollutant Description: FORMALDEHYDE
Estimated Emissions (Tons/Yr): 0.0111573

Year Inv: 2012
Pollutant Description: METHANE
Estimated Emissions (Tons/Yr): 0.3955135

Year Inv: 2012
Pollutant Description: ETHANE
Estimated Emissions (Tons/Yr): 0.5330825

Year Inv: 2012
Pollutant Description: ACETALDEHYDE
Estimated Emissions (Tons/Yr): 0.000001933

Year Inv: 2012
Pollutant Description: PHENANTHRENE
Estimated Emissions (Tons/Yr): 0.000002525

Year Inv: 2012
Pollutant Description: 2-METHYLNAPTHALENE
Estimated Emissions (Tons/Yr): 0.00000375

Year Inv: 2012
Pollutant Description: CARBON DIOXIDE
Estimated Emissions (Tons/Yr): 20635.2

Year Inv: 2010
Pollutant Description: PM (LESS THAN 10 MICRONS)
Estimated Emissions (Tons/Yr): 0.559679

Year Inv: 2010
Pollutant Description: 1,4-DICHLOROBENZENE
Estimated Emissions (Tons/Yr): 0.000158

Year Inv: 2010

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Pollutant Description: PYRENE
Estimated Emissions (Tons/Yr): 0.0000006682

Year Inv: 2010
Pollutant Description: ACENAPTHENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: NICKEL & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00016

Year Inv: 2010
Pollutant Description: LEAD & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00003817

Year Inv: 2010
Pollutant Description: PARTICULATE MATTER (TOTAL)
Estimated Emissions (Tons/Yr): 3.114679

Year Inv: 2010
Pollutant Description: ETHYL BENZENE
Estimated Emissions (Tons/Yr): 0.000975

Year Inv: 2010
Pollutant Description: INDENO(1,2,3-CD)PYRENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: BENZENE
Estimated Emissions (Tons/Yr): 0.0052366

Year Inv: 2010
Pollutant Description: METHANE
Estimated Emissions (Tons/Yr): 0.3467775

Year Inv: 2010
Pollutant Description: NITROGEN DIOXIDE
Estimated Emissions (Tons/Yr): 24.7648

Year Inv: 2010
Pollutant Description: SELENIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: TOLUENE
Estimated Emissions (Tons/Yr): 0.00868

Year Inv: 2010
Pollutant Description: ANTHRACENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: BENZO(G,H,I)PERYLENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: FLUORANTHENE

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Estimated Emissions (Tons/Yr): 0.0000004011

Year Inv: 2010
Pollutant Description: ACENAPHTHYLENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: CARBON MONOXIDE
Estimated Emissions (Tons/Yr): 12.66468

Year Inv: 2010
Pollutant Description: CARBON DIOXIDE
Estimated Emissions (Tons/Yr): 18092.4

Year Inv: 2010
Pollutant Description: SULFUR DIOXIDE
Estimated Emissions (Tons/Yr): 2.717662

Year Inv: 2010
Pollutant Description: HEXANE
Estimated Emissions (Tons/Yr): 0.2399849

Year Inv: 2010
Pollutant Description: BENZ(A)ANTHRACENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: BERYLLIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: CADMIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00008386

Year Inv: 2010
Pollutant Description: CHROMIUM COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: MERCURY & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00001982

Year Inv: 2010
Pollutant Description: CHRYSENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: ETHANOL
Estimated Emissions (Tons/Yr): 0.003905

Year Inv: 2010
Pollutant Description: PM (LESS THAN 2.5 MICRONS)
Estimated Emissions (Tons/Yr): 0.559679

Year Inv: 2010
Pollutant Description: VOLATILE ORGANIC COMPOUNDS
Estimated Emissions (Tons/Yr): 288.2033

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Year Inv: 2010
Pollutant Description: BENZO(B,J,K)FLUORANTHENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: ACETALDEHYDE
Estimated Emissions (Tons/Yr): 0.000001737

Year Inv: 2010
Pollutant Description: PHENANTHRENE
Estimated Emissions (Tons/Yr): 0.000002272

Year Inv: 2010
Pollutant Description: NAPHTHALENE
Estimated Emissions (Tons/Yr): 0.0001265

Year Inv: 2010
Pollutant Description: ARSENIC & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00002197

Year Inv: 2010
Pollutant Description: 2-METHYLNAPTHALENE
Estimated Emissions (Tons/Yr): 0.00000329

Year Inv: 2010
Pollutant Description: XYLENE (MIXED ISOMERS)
Estimated Emissions (Tons/Yr): 0.002055

Year Inv: 2010
Pollutant Description: FORMALDEHYDE
Estimated Emissions (Tons/Yr): 0.0100247

Year Inv: 2010
Pollutant Description: DIBENZO(A,H)ANTHRACENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: SULFUR TRIOXIDE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2010
Pollutant Description: ETHANE
Estimated Emissions (Tons/Yr): 0.4673935

Year Inv: 2010
Pollutant Description: MANGANESE & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00002897

Year Inv: 2010
Pollutant Description: METHYL TERT-BUTYL ETHER
Estimated Emissions (Tons/Yr): 0.02612

Year Inv: 2010
Pollutant Description: HYDROCHLORIC ACID
Estimated Emissions (Tons/Yr): 0.106

Year Inv: 2010

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Pollutant Description: FLUORENE
Estimated Emissions (Tons/Yr): 0.0000003744

Year Inv: 2009
Pollutant Description: BERYLLIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: CARBON DIOXIDE
Estimated Emissions (Tons/Yr): 16768.62

Year Inv: 2009
Pollutant Description: SULFUR TRIOXIDE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: METHYL TERT-BUTYL ETHER
Estimated Emissions (Tons/Yr): 0.02612

Year Inv: 2009
Pollutant Description: NAPHTHALENE
Estimated Emissions (Tons/Yr): 0.00006274

Year Inv: 2009
Pollutant Description: MANGANESE & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00005281

Year Inv: 2009
Pollutant Description: SULFUR DIOXIDE
Estimated Emissions (Tons/Yr): 2.487444

Year Inv: 2009
Pollutant Description: PM (LESS THAN 10 MICRONS)
Estimated Emissions (Tons/Yr): 0.3989772

Year Inv: 2009
Pollutant Description: ETHANE
Estimated Emissions (Tons/Yr): 0.433191

Year Inv: 2009
Pollutant Description: 2-METHYLNAPTHALENE
Estimated Emissions (Tons/Yr): 0.0000007515

Year Inv: 2009
Pollutant Description: FLUORANTHENE
Estimated Emissions (Tons/Yr): 0.00000008732

Year Inv: 2009
Pollutant Description: NICKEL & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.0002918

Year Inv: 2009
Pollutant Description: CARBON MONOXIDE
Estimated Emissions (Tons/Yr): 4.626174

Year Inv: 2009
Pollutant Description: PARTICULATE MATTER (TOTAL)

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Estimated Emissions (Tons/Yr): 2.639207

Year Inv: 2009
Pollutant Description: ARSENIC & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00003408

Year Inv: 2009
Pollutant Description: CADMIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.0001528

Year Inv: 2009
Pollutant Description: ETHANOL
Estimated Emissions (Tons/Yr): 0.003905

Year Inv: 2009
Pollutant Description: METHANE
Estimated Emissions (Tons/Yr): 0.3214

Year Inv: 2009
Pollutant Description: BENZ(A)ANTHRACENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: BENZO(G,H,I)PERYLENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: DIBENZO(A,H)ANTHRACENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: ETHYL BENZENE
Estimated Emissions (Tons/Yr): 0.000975

Year Inv: 2009
Pollutant Description: FORMALDEHYDE
Estimated Emissions (Tons/Yr): 0.0021833

Year Inv: 2009
Pollutant Description: ACETALDEHYDE
Estimated Emissions (Tons/Yr): 0.0000003782

Year Inv: 2009
Pollutant Description: ACENAPHTHYLENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: PHENANTHRENE
Estimated Emissions (Tons/Yr): 0.0000004947

Year Inv: 2009
Pollutant Description: CHRYSENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: INDENO(1,2,3-CD)PYRENE
Estimated Emissions (Tons/Yr): 0

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Year Inv: 2009
Pollutant Description: HEXANE
Estimated Emissions (Tons/Yr): 0.0518205

Year Inv: 2009
Pollutant Description: HYDROCHLORIC ACID
Estimated Emissions (Tons/Yr): 0.056

Year Inv: 2009
Pollutant Description: LEAD & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.0000695

Year Inv: 2009
Pollutant Description: VOLATILE ORGANIC COMPOUNDS
Estimated Emissions (Tons/Yr): 328.3633

Year Inv: 2009
Pollutant Description: TOLUENE
Estimated Emissions (Tons/Yr): 0.00868

Year Inv: 2009
Pollutant Description: FLUORENE
Estimated Emissions (Tons/Yr): 0.00000008148

Year Inv: 2009
Pollutant Description: PYRENE
Estimated Emissions (Tons/Yr): 0.0000001455

Year Inv: 2009
Pollutant Description: 1,4-DICHLOROBENZENE
Estimated Emissions (Tons/Yr): 0.00003259

Year Inv: 2009
Pollutant Description: XYLENE (MIXED ISOMERS)
Estimated Emissions (Tons/Yr): 0.002055

Year Inv: 2009
Pollutant Description: SELENIUM & COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: PM (LESS THAN 2.5 MICRONS)
Estimated Emissions (Tons/Yr): 1.042431

Year Inv: 2009
Pollutant Description: ACENAPTHENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: ANTHRACENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: BENZO(B,J,K)FLUORANTHENE
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009

CRYOVAC SIMPSONVILLE (Continued) **1000352256**

Pollutant Description: BENZENE
Estimated Emissions (Tons/Yr): 0.0050148

Year Inv: 2009
Pollutant Description: CHROMIUM COMPOUNDS
Estimated Emissions (Tons/Yr): 0

Year Inv: 2009
Pollutant Description: MERCURY & COMPOUNDS
Estimated Emissions (Tons/Yr): 0.00003613

Year Inv: 2009
Pollutant Description: NITROGEN DIOXIDE
Estimated Emissions (Tons/Yr): 14.55795

F23 **WR GRACE & CO CRYOVAC DIV** **SC UST** **U003975440**
SE **803 N MAPLE ST** **N/A**
1/8-1/4 **SIMPSONVILLE, SC 29681**
0.249 mi.
1315 ft. **Site 4 of 4 in cluster F**

Relative:
Lower

Actual:
898 ft.

UST:
Facility ID: 3996
Owner: WR GRACE & CO CRYOVAC DIV
Owner Contact: C DARBY
Owner Address: 803 N MAPLE ST
Owner City,St,Zip: SIMPSONVILLE, SC 29681-2251
Owner Phone: 864-963-4111
Contact: C DARBY
Contact Phone: 864-963-4111

Tank ID: 1
Status: **Abandoned**
Capacity: 20000
Product: Fuel Oil
Calcage: Not reported

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Diesel
Calcage: Not reported

Tank ID: 2
Status: **Abandoned**
Capacity: 20000
Product: Fuel Oil
Calcage: Not reported

Tank ID: 2
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

WR GRACE & CO CRYOVAC DIV (Continued) **U003975440**

Tank ID: 3
Status: **Abandoned**
Capacity: 19000
Product: Miscellaneous Hydrocarbons
Calcage: Not reported

Count: 16 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GREENVILLE	S105528096	GROCE ROAD LANDFILL #22	CR462 0.5 MI N OF SR1 83 ON W	29681	SC SHWS
SIMPSONVILLE	1000349854	SIMPSONVILLE (OLD) DUMP	S-453 (3 MI FROM INT. OF S-55)	29681	CERCLIS, SC SHWS, SC ALLSITES, SC GWCI
SIMPSONVILLE	U001119353	BROWN PLUMBING CO	RT 1 BROWN DR	29681	SC LUST, SC UST
SIMPSONVILLE	U003557973	FIBERWEB NORTH AMERICA INC	HWY 14	29681	SC UST
SIMPSONVILLE	1007089466	PARA-CHEM SOUTHERN INC	HIGHWAY 14 SOUTH	29681	TSCA, SC SHWS, SC ALLSITES
SIMPSONVILLE	U003520539	COUNTRY TRADING POST	RT 2 FAIRVIEW RD	29681	SC LUST, SC UST
SIMPSONVILLE	U003525156	SHERWOOD CHEVROLET CO	HWY 276	29680	SC LUST, SC UST
SIMPSONVILLE	1004780035	HARNISCHFEGER CORP	HWY 276 STANDING SPRGS RD	29681	RCRA NonGen / NLR
SIMPSONVILLE	S102622702	HOWARD DRIVE WELLS	712 & 714 HOWARD DR	29681	SC SHWS
SIMPSONVILLE	U004018765	GIVENS YOUTH CORRECTIONS CTR	115 BARKLEY RD @ GEORGIA RD	29681	SC GWCI, SC RCR, SC LUST, SC US
SIMPSONVILLE	1003869502	SIMPSONVILLE DUMP #3	HIPPS RD (0.3MI WEST OF NEELY	29681	CERC-NFRAP, SC SHWS
SIMPSONVILLE	S105527945	AMERICAN MONORAIL PRODUCTS	INT STANDING SPRINGS RD & N MA	29681	SC SHWS
SIMPSONVILLE	S105621628	J & A LAUNDRY SERVICE	633 N MAIN ST	29680	SC SHWS, SC DRYCLEANERS
SIMPSONVILLE	1003868410	AMERICAN MONORAIL PRODUCTS	2000 N MAPLE ST/OFF HWY 76	29681	CERC-NFRAP
SIMPSONVILLE	S105528084	GOLDEN STRIP SEPTIC TANK	.5 MI ON ADAMS MILL RD & INT O	29681	SC SHWS
SIMPSONVILLE	S109694605	OLD SIMPSONVILLE DUMP #2	CO RD 542 75 MILES W OF RD 55	29681	SC SHWS, SC ALLSITES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WOVEN
1001 OLD STAGE ROAD
SIMPSONVILLE, SC 29681

TARGET PROPERTY COORDINATES

Latitude (North):	34.7531 - 34° 45' 11.16''
Longitude (West):	82.2704 - 82° 16' 13.44''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	383720.7
UTM Y (Meters):	3846201.5
Elevation:	903 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34082-G3 MAULDIN, SC
Most Recent Revision:	1983
South Map:	34082-F3 SIMPSONVILLE, SC
Most Recent Revision:	1983

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

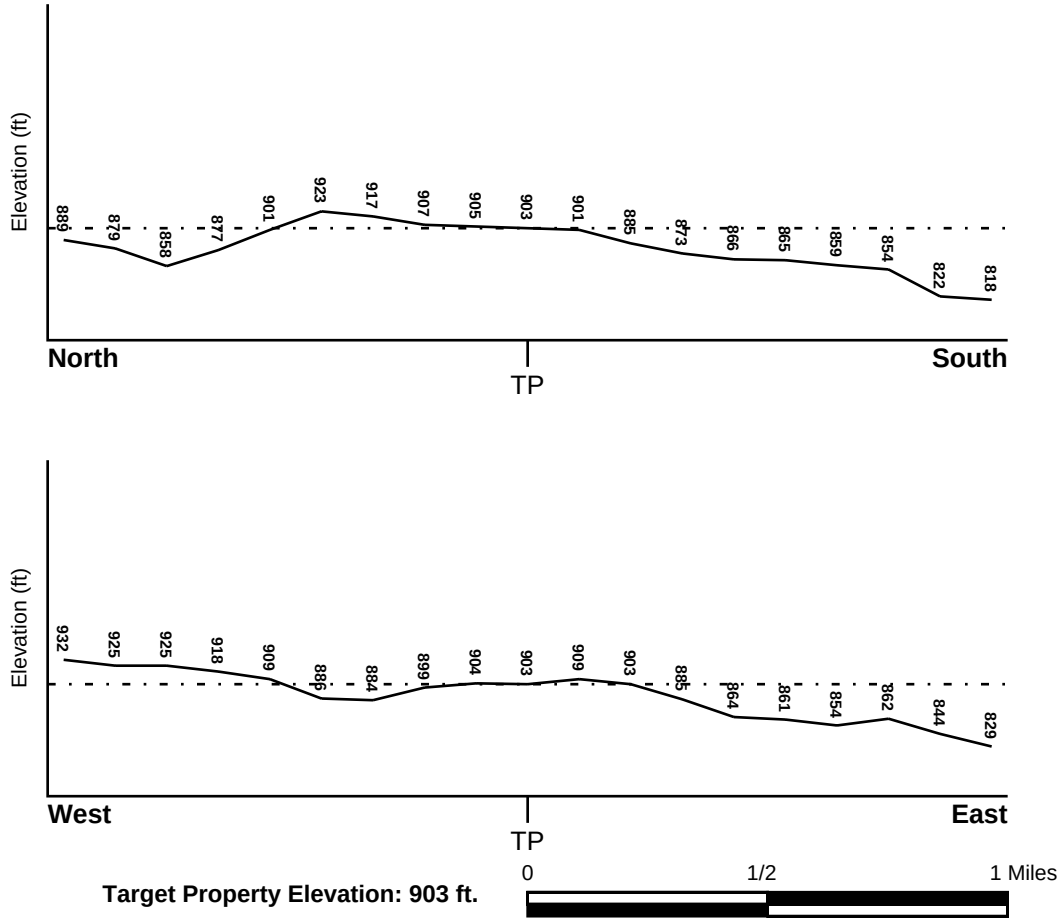
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 903 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
GREENVILLE, SC	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 45045C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MAULDIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Pennsylvanian
Series:	Felsic paragneiss and schist
Code:	mm1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
2	5 inches	42 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	42 inches	59 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A5	USGS40001060599	1/2 - 1 Mile WSW
A6	USGS40001060600	1/2 - 1 Mile WSW
B7	USGS40001060626	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

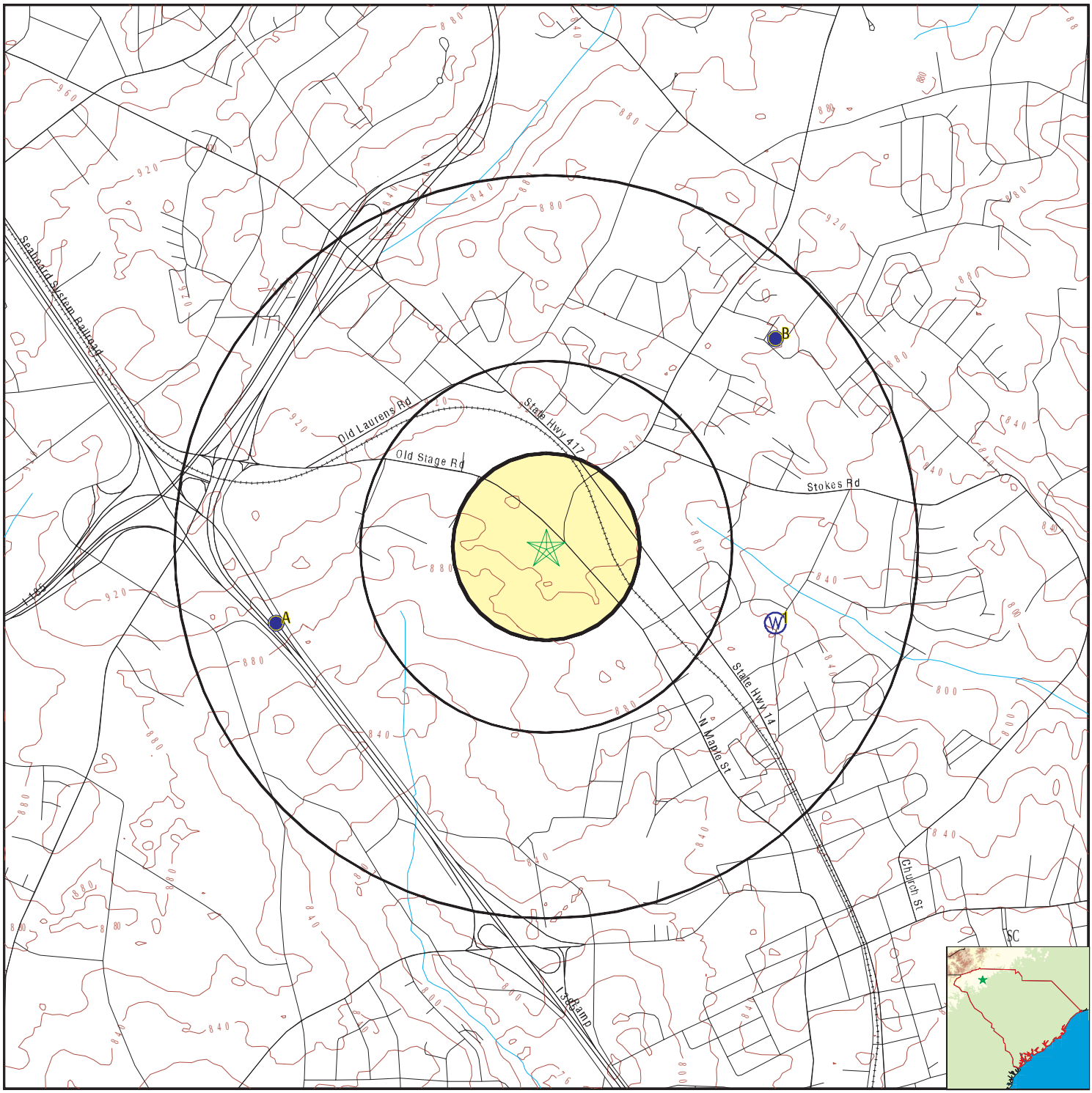
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	SCP400000014854	1/2 - 1 Mile ESE
A2	SCP400000014851	1/2 - 1 Mile WSW
A3	SCP400000014852	1/2 - 1 Mile WSW
A4	SCP400000014853	1/2 - 1 Mile WSW
B8	SCP400000015133	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 3964586.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME:	Woven	CLIENT:	CRB Geological & Env. Services
ADDRESS:	1001 Old Stage Road Simpsonville SC 29681	CONTACT:	Robert Workman, PG
LAT/LONG:	34.7531 / 82.2704	INQUIRY #:	3964586.2s
		DATE:	June 05, 2014 4:33 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
ESE
1/2 - 1 Mile
Lower

SC WELLS **SCP400000014854**

Grid new#:	46F--u001	Grid old#:	46F--u001
Scwrc:	46F--u001	Scwrc tran:	46F--u001
Scwrc orig:	46F--u01	Dhec permi:	Not Reported
Dhec const:	Not Reported	Dhec publi:	Not Reported
Dhec pub 1:	Not Reported	Ownid:	Not Reported
Parcel id:	Not Reported	Urid:	Not Reported
Locat:	SE of Mauldin	Cono:	GRV-0035
Quad:	Mauldin		
Quadno:	62		
Locataccur:	Not Reported		
Latn:	344500		
Longn:	821535		
Utmn:	0		
Utme:	0		
Drdpth:	199		
Comdpth:	0		
Elev:	0		
Elevr:	Not Reported	Topog:	FLAT
Owner:	E. L. Martin	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	public water supply
Sorctp:	W		
Yield:	10		
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported		
Pr:	Not Reported	Updated:	05/08/90
Ca:	X	Sc:	X
Pu:	Not Reported	Qm:	Not Reported
Cla:	Not Reported	Date print:	Not Reported

Disclaimer: Reporting agency indicates coordinates with "99" in last two digits are located only to the nearest minute.

A2
WSW
1/2 - 1 Mile
Lower

SC WELLS **SCP400000014851**

Grid new#:	46F--wz01	Grid old#:	46F--wz01
Scwrc:	46F--wz01	Scwrc tran:	46F--wz01
Scwrc orig:	46F--wz1	Dhec permi:	Not Reported
Dhec const:	Not Reported	Dhec publi:	Not Reported
Dhec pub 1:	Not Reported	Ownid:	1
Parcel id:	Not Reported	Urid:	23IN17
Locat:	Simpsonville	Cono:	GRV-0731
Quad:	Mauldin		
Quadno:	62		
Locataccur:	Not Reported		

Latn:	344599		
Longn:	821799		
Utmn:	0		
Utme:	0		
Drdpth:	1057		
Comdpth:	0		
Elev:	0		
Elevr:	Not Reported	Topog:	Not Reported
Owner:	Cryovac Division	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	Not Reported
Basin:	Not Reported	Wtruse:	industrial
Sorctp:	W		
Yield:	40		
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported		
Remarks:	SCWRC Userid 23IN17PG24		
Pr:	Not Reported	Updated:	10/13/92
Ca:	X	Sc:	X
Pu:	Not Reported	Qm:	Not Reported
Cla:	Not Reported	Date print:	Not Reported

Disclaimer: Reporting agency indicates coordinates with "99" in last two digits are located only to the nearest minute.

A3
WSW
1/2 - 1 Mile
Lower

SC WELLS **SCP400000014852**

Grid new#:	46F--wz02	Grid old#:	46F--wz02
Scwrc:	46F--wz02	Scwrc tran:	46F--wz02
Scwrc orig:	46F--wz2	Dhec permi:	Not Reported
Dhec const:	Not Reported	Dhec publi:	Not Reported
Dhec pub 1:	Not Reported	Ownid:	2
Parcel id:	Not Reported	Urid:	23IN17
Locat:	Simpsonville	Cono:	GRV-0732
Quad:	Mauldin		
Quadno:	62		
Locataccur:	Not Reported		
Latn:	344599		
Longn:	821799		
Utmn:	0		
Utme:	0		
Drdpth:	1005		
Comdpth:	0		
Elev:	0		
Elevr:	Not Reported	Topog:	Not Reported
Owner:	Cryovac Division	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	Not Reported
Basin:	Not Reported	Wtruse:	industrial
Sorctp:	W		
Yield:	12		
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported		
Remarks:	SCWRC Userid 23IN17PG24		
Pr:	Not Reported	Updated:	10/13/92

Ca:	X	Sc:	X
Pu:	Not Reported	Qm:	Not Reported
Cla:	Not Reported	Date print:	Not Reported

Disclaimer: Reporting agency indicates coordinates with "99" in last two digits are located only to the nearest minute.

A4
WSW **SC WELLS** **SCP400000014853**
1/2 - 1 Mile
Lower

Grid new#:	46F--wz03	Grid old#:	46F--wz03
Scwrc:	46F--wz03	Scwrc tran:	46F--wz03
Scwrc orig:	46F--wz3	Dhec permi:	Not Reported
Dhec const:	Not Reported	Dhec publi:	Not Reported
Dhec pub 1:	Not Reported	Ownid:	Not Reported
Parcel id:	Not Reported	Urid:	Not Reported
Locat:	SE of Mauldin	Cono:	GRV-3377
Quad:	Mauldin		
Quadno:	62		
Locataccur:	Not Reported		
Latn:	344599		
Longn:	821799		
Utmn:	0		
Utme:	0		
Drdpth:	360		
Comdpth:	0		
Elev:	0		
Elevr:	Not Reported	Topog:	Not Reported
Owner:	Thomas	Contact:	Not Reported
Address:	Lakeview Road	City:	Mauldin
State:	SC	Zip:	29662
Phone:	Not Reported	Aquifer:	Not Reported
Basin:	Not Reported	Wtruse:	domestic
Sorctp:	W		
Yield:	5		
Cons:	X	Wq:	Not Reported
Gl:	X	Pt:	Not Reported
Wl:	X		
Remarks:	Cracks @ 109’ 2 gpm, 344’ 3 gpm		
Pr:	Not Reported	Updated:	09/21/98
Ca:	X	Sc:	X
Pu:	X	Qm:	Not Reported
Cla:	Not Reported	Date print:	Not Reported

Disclaimer: Reporting agency indicates coordinates with "99" in last two digits are located only to the nearest minute.

A5
WSW **FED USGS** **USGS40001060599**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344500082170010		
Monloc name:	GRV- 731		
Monloc type:	Well		
Monloc desc:	DATA FROM SCDNR: 46F--w03		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7501195
Longitude:	-82.2831738	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	minutes
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	1057
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A6
WSW **FED USGS** **USGS40001060600**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344500082170011		
Monloc name:	GRV- 732		
Monloc type:	Well		
Monloc desc:	DATA FROM SCDNR: 46F--w04		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7501195
Longitude:	-82.2831738	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	minutes
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	1005
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B7
NE **FED USGS** **USGS40001060626**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344540082153500		
Monloc name:	GRV- 112		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7612306
Longitude:	-82.2595613	Sourcemap scale:	24000

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	1942	Welldepth:	28
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B8
NE
1/2 - 1 Mile
Lower

SC WELLS **SCP400000015133**

Grid new#:	46F--u002	Grid old#:	46F--u002
Scwrc:	46F--u002	Scwrc tran:	46F--u002
Scwrc orig:	46F--u02	Dhec permi:	Not Reported
Dhec const:	Not Reported	Dhec publi:	Not Reported
Dhec pub 1:	Not Reported	Ownid:	Not Reported
Parcel id:	Not Reported	Urid:	Not Reported
Locat:	SE of Mauldin	Cono:	GRV-0112
Quad:	Mauldin		
Quadno:	62		
Locataccur:	Not Reported		
Latn:	344540		
Longn:	821535		
Utmn:	0		
Utme:	0		
Drdpth:	28		
Comdpth:	0		
Elev:	0		
Elevr:	Not Reported	Topog:	FLAT
Owner:	R. R. Cooper	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	domestic
Sorctp:	W		
Yield:	0		
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	X		
Pr:	Not Reported	Updated:	05/08/90
Ca:	X	Sc:	X
Pu:	Not Reported	Qm:	Not Reported
Cla:	Not Reported	Date print:	Not Reported

Disclaimer: Reporting agency indicates coordinates with "99" in last two digits are located only to the nearest minute.

APPENDIX V

MONITORING WELL LOGS

Well Log for: MW-1 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Robert Workman
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Hollow Stem Auger
Elevation: ~900
Water Level: ~24

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
	0			well diameter	2"	72
sandy brown sapr. Clay SC			0	screen type	0.01" slot	62-72
0-40	5			riser type	Solid PVC	0-62
			0	casing type	None	
	10			sand pack	#2 gravel	60-72
			0	bentonite seal		58-60
	15			fine sand seal		
			0	grout		0-58
	20					
			0	auger inside diameter:		-
	25			auger outside diameter:		8.5"
			0	depth to water:		~24
	30					
			0	development method:		-
	35			development rate (gpm)		-
			n/s			
	40			water drums generated:		no
				soil drums generated:		no
	45			manhole cover?		yes
				locking cap?		yes
	50			lock type:		CRB
Sandy brown Clay/PWR						
40-60	55			notes:		
PWR						
60-61	60					
sandy brown saprolitic Clay						
61-68	65					
PWR	70					
68-72						
	75					
	80					
	85					
	90					
	95					
	100					

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface PWR - partially weathered rock

Well Log for: MW-2 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Robert Workman
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Hollow Stem Auger
Elevation: ~900
Water Level: ~25

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
	0			well diameter	2"	59
sandy clay loam SC			0	screen type	0.01" slot	19-59
brown with mica	5			riser type	Solid PVC	0-19
0-45			0	casing type	None	
	10			sand pack	#2 gravel	17-59
			0	bentonite seal		15-17
	15			fine sand seal		
			0	grout		0-15
	20					
			0	auger inside diameter:		-
	25			auger outside diameter:		8.5"
			0	depth to water:		~25
	30					
			0	development method:		-
	35			development rate (gpm)		-
			n/s			
	40			water drums generated:		no
				soil drums generated:		no
saturated at 45-ft	45			manhole cover?		yes
				locking cap?		yes
	50			lock type:		CRB
Sandy clay loam, brown	55			notes:		
with mica and PWR						
45-59	60					
Bedrock refusal at 59-						
	65					
	70					
	75					
	80					
	85					
	90					
	95					
	100					

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface PWR - partially weathered rock

Well Log for: MW-3 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/2/2012
Technician: Robert Workman
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Hollow Stem Auger
Elevation: ~890
Water Level: ~26

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
	0			well diameter	2"	60
sandy brown saprolitic Clay SC			0	screen type	0.01" slot	20-60
0-45	5			riser type	Solid PVC	0-20
			0	casing type	None	
	10			sand pack	#2 gravel	18-60
			0	bentonite seal		16-18
	15			fine sand seal		
			0	grout		0-16
	20					
			0	auger inside diameter:		-
	25			auger outside diameter:		8.5"
			0	depth to water:		~26
	30					
			0	development method:		-
	35			development rate (gpm)		-
			0			
	40			water drums generated:		no
			n/s	soil drums generated:		no
sandy clay loam, brn /PWR	45			manhole cover?		yes
45-46				locking cap?		yes
Saturated at 50-ft	50			lock type:		CRB
	55			notes:		
PWR						
55-60	60					
	65					
	70					
	75					
	80					
	85					
	90					
	95					
	100					

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface PWR - partially weathered rock

Well Log for: MW-4 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~890
Water Level: -23

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments 0-47	0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80		n/s	well diameter	1"	47
				screen type	0.01" slot	17-47
				riser type	Solid PVC	0-17
				casing type	None	
				sand pack	#2 gravel	15-47
				bentonite seal		13-15
				fine sand seal		
				grout		0-13
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~23
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		no
				locking cap?		yes
				lock type:		CRB

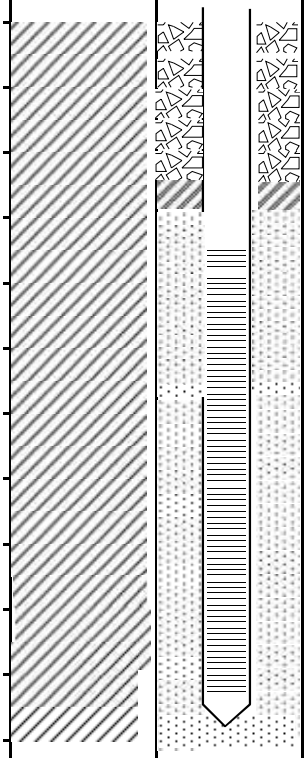
notes:
no soil cuttings generated

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-5 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~890
Water Level: -26

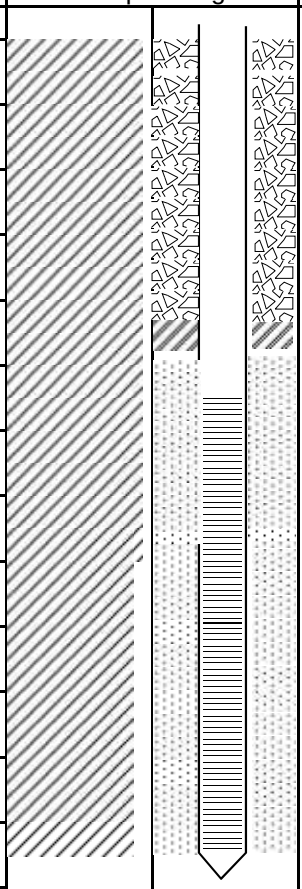
LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments 0-43	0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80		n/s	well diameter	1"	43
				screen type	0.01" slot	13-43
				riser type	Solid PVC	0-13
				casing type	None	
				sand pack	#2 gravel	11-43
				bentonite seal		9-11
				fine sand seal		
				grout		0-9
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~26
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		no
				locking cap?		yes
				lock type:		CRB
				notes:		
				no soil cuttings generated		

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-6 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~890
Water Level: -26

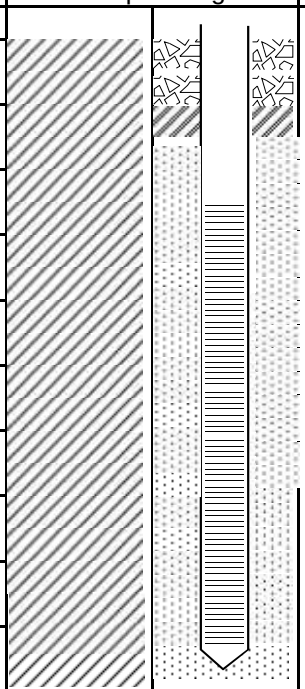
LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments 0-48	0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80		n/s	well diameter	1"	51
				screen type	0.01" slot	21-51
				riser type	Solid PVC	0-21
				casing type	None	
				sand pack	#2 gravel	19-51
				bentonite seal		17-19
				fine sand seal		
				grout		0-17
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~29
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		no
				locking cap?		yes
				lock type:		CRB
				notes:		
				no soil cuttings generated		

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-7 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~890
Water Level: -27

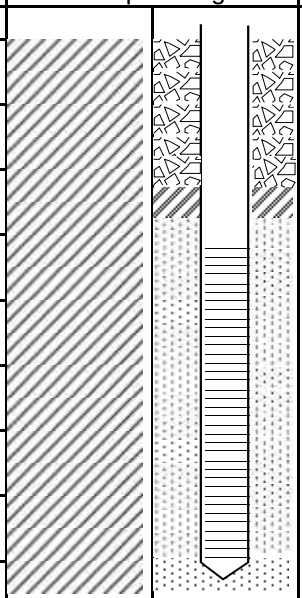
LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments 0-39	0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80		n/s	well diameter	1"	39
				screen type	0.01" slot	9-39
				riser type	Solid PVC	0-9
				casing type	None	
				sand pack	#2 gravel	7-39
				bentonite seal		5-7
				fine sand seal		
				grout		0-5
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~28
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		no
				locking cap?		yes
				lock type:		CRB
				notes:		
				no soil cuttings generated		

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-8 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~890
Water Level: -27

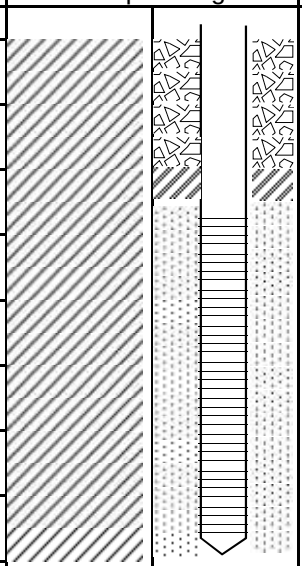
LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments 0-33	0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80		n/s	well diameter	1"	33
				screen type	0.01" slot	13-33
				riser type	Solid PVC	0-13
				casing type	None	
				sand pack	#2 gravel	11-33
				bentonite seal		9-11
				fine sand seal		
				grout		0-9
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~30
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		no
				locking cap?		yes
				lock type:		CRB
				notes:		
				no soil cuttings generated		

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: **MW-9** **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~865
Water Level: -12.5

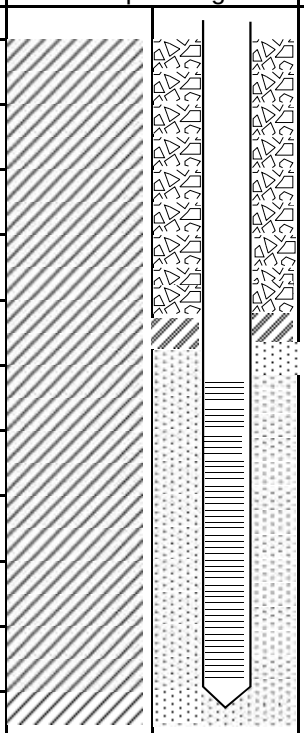
LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments 0-31	0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80		n/s	well diameter	1"	31
				screen type	0.01" slot	11-31
				riser type	Solid PVC	0-11
				casing type	None	
				sand pack	#2 gravel	9-31
				bentonite seal		7-9
				fine sand seal		
				grout		0-7
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~16
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		no
				locking cap?		yes
				lock type:		CRB
				notes:		
				no soil cuttings generated		

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-10 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 11/1/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~900
Water Level: -28

LITHOLOGY	DIAGRAM		OVA
color, grain size, USCS	Depth	Graphic Log	PID
sandy brown saprolitic Clay SC and rock fragments	0		0
	4		0
	8		0.4
	12		1.2
	16		1.2
	20		n/s
	24		
	28		
	32		
	36		
	40		
	44		
	48		
	52		
	56		
	60		
	64		
	68		
	72		
	76		
	80		

MONITORING WELL DATA		
Construction Details		Depth(ft)
well diameter	1"	41
screen type	0.01" slot	21-41
riser type	Solid PVC	0-21
casing type	None	
sand pack	#2 gravel	19-41
bentonite seal		17-19
fine sand seal		
grout		0-17
auger inside diameter:		-
auger outside diameter:		2.25"
depth to water:		~28
development method:		-
development rate (gpm)		-
water drums generated:		no
soil drums generated:		no
manhole cover?		yes
locking cap?		yes
lock type:		CRB

notes:
12" concrete cored inside building for well location

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-11D **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 12/18/2012
Technician: Robert Workman
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Hollow Stem Auger
Elevation: ~890
Water Level: ~24.5

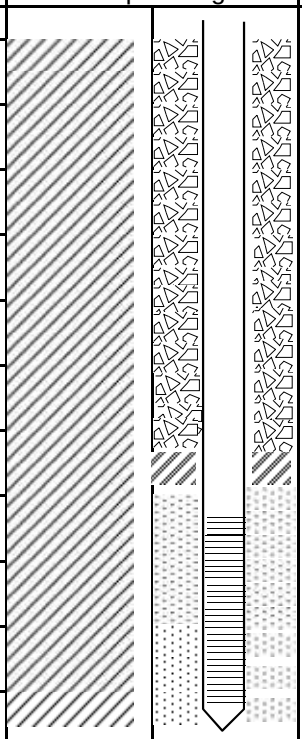
LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
	0			well diameter	2"	73
sandy brown saprolitic Clay SC			0	screen type	0.01" slot	68-73
0-25	5			riser type	Solid PVC	0-68
			0	casing type	6-IN PVC	0-60
	10			sand pack	#2 gravel	66-73
			0	bentonite seal		64-66
	15			fine sand seal		
			0	grout		0-64
	20					
			0	auger inside diameter:		-
	25			auger outside diameter:		8.25"
orange, moist saprolite			0	depth to water:		~24.5
25-38	30					
			0	development method:		-
	35			development rate (gpm)		-
			0			
tan saprolite	40			water drums generated:		yes
38-50			0	soil drums generated:		yes
	45			manhole cover?		yes
			n/s	locking cap?		yes
	50			lock type:		CRB
Sandy brown saprolite						
50-55	55			notes:		
Weathered Rock				Surface casing installed to 60-ft.		
55-60	60					
Bedrock refusal at 60-ft						
	65					
Fractured Gneiss/shist						
60-73	70					
terminated at 73-ft						
	75					
	80					
	85					
	90					
	95					
	100					

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface PWR - partially weathered rock

Well Log for: MW-12 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 12/27/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~900
Water Level: -24

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments	0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80		n/s	well diameter	1"	41
				screen type	0.01" slot	31-41
				riser type	Solid PVC	0-31
				casing type	None	
				sand pack	#2 gravel	29-41
				bentonite seal		27-29
				fine sand seal		
				grout		0-27
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~24
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		yes
				locking cap?		yes
				lock type:		CRB

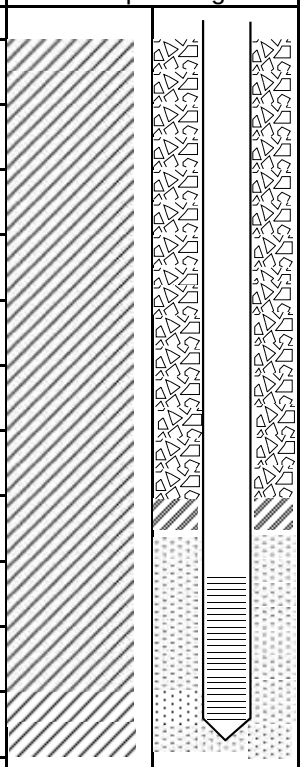
notes:
The TOC is 0.19 ft below ground.

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-13 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 12/27/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~900
Water Level: -24.5

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments	0		n/s	well diameter	1"	43
	4			screen type	0.01" slot	33-43
	8			riser type	Solid PVC	0-33
	12			casing type	None	
	16			sand pack	#2 gravel	31-43
	20			bentonite seal		29-31
	24			fine sand seal		
	28			grout		0-29
	32					
	36			auger inside diameter:		-
	40			auger outside diameter:		2.25"
	44			depth to water:		~28
	48					
	52			development method:		-
	56			development rate (gpm)		-
	60					
	64			water drums generated:		no
	68			soil drums generated:		no
	72			manhole cover?		no
	76			locking cap?		yes
	80			lock type:		CRB

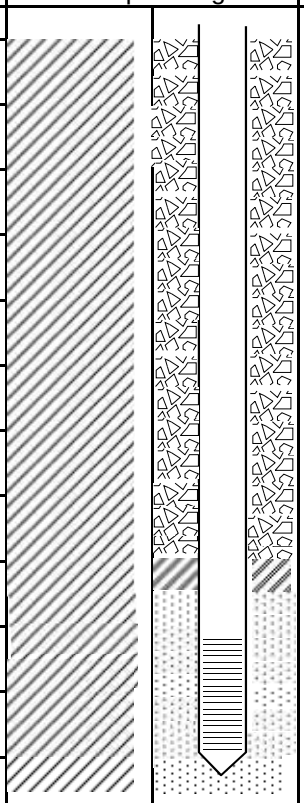
notes:
The TOC is 2.85 ft above ground.

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: **MW-14** **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 12/27/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~890
Water Level: -26

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments	0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80		n/s	well diameter	1"	45.5
				screen type	0.01" slot	35.5-45.5
				riser type	Solid PVC	0-35.5
				casing type	None	
				sand pack	#2 gravel	33.5-45.5
				bentonite seal		31.5-33.5
				fine sand seal		
				grout		0-31.5
				auger inside diameter:		-
				auger outside diameter:		2.25"
				depth to water:		~28
				development method:		-
				development rate (gpm)		-
				water drums generated:		no
				soil drums generated:		no
				manhole cover?		no
				locking cap?		yes
				lock type:		CRB

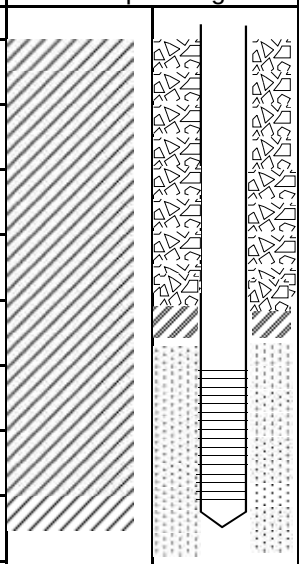
notes:
The TOC is 2.25 ft above ground.

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

Well Log for: MW-15 **CRB Geological & Environmental Services, Inc.**

Project: BEA 414-26
Date: 12/27/2012
Technician: Braden Rambo
Location: 1001 Old Stage Road, Simpsonvil
GPS:

Contractor: SAEDACCO
Office Fort Mill, SC
Method: Direct Push
Elevation: ~865
Water Level: -13.5

LITHOLOGY	DIAGRAM		OVA	MONITORING WELL DATA		
color, grain size, USCS	Depth	Graphic Log	PID	Construction Details		Depth(ft)
sandy brown saprolitic Clay SC and rock fragments	0		n/s	well diameter	1"	29.5
	4			screen type	0.01" slot	19.5-29.5
	8			riser type	Solid PVC	0-19.5
	12			casing type	None	
	16			sand pack	#2 gravel	17.5-29.5
	20			bentonite seal		15.5-17.5
	24			fine sand seal		
	28			grout		0-15.5
	32					
	36			auger inside diameter:		-
	40			auger outside diameter:		2.25"
	44			depth to water:		~17
	48					
	52			development method:		-
	56			development rate (gpm)		-
	60					
	64			water drums generated:		no
	68			soil drums generated:		no
	72			manhole cover?		no
	76			locking cap?		yes
	80			lock type:		CRB

notes:
The TOC is 3.23 ft above ground.

NC - not collected NA - not analyzed BDL - below detection limits BLS - below land surface

9176

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 1

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK	AT 72'	72'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☒ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-1-12
72' ft. Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 62' ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 2"
Slot/Gauge: 10 Length: 10'
Set Between: 72' ft. and 62' ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 72' ft. to 60' ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 58' ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Michael Wilson **CERT. NO.:** 1835
Address: (Print)
9088 NORTHFIELD DR.
FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Micheal Wilson (Well Driller) Date: 11-1-12

If D Level Driller, provide supervising driller's name:
steve poloniewicz

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 2

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK AT 72'		59'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☒ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-1-12
59' ft. Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 19' ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 2"
Slot/Gauge: 10 Length: 40'
Set Between: 59' ft. and 19' ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 59' ft. to 17' ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 15' ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Michael Wilson CERT. NO.: 1835
Address: (Print) 9088 NORTHFIELD DR. FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Micheal Wilson Well Driller Date: 11-1-12

If D Level Driller, provide supervising driller's name:
steve poloniewicz

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 3

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK	AT 72'	60'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☒ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-2-12
60' ft. Date Completed: 11-2-12

10. CASING: ☒ Threaded ☐ Welded
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 20 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 2"
Slot/Gauge: 10 Length: 40'
Set Between: 60' ft. and 20' ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 60' ft. to 18' ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 16' ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Michael Wilson **CERT. NO.:** 1835
Address: (Print) 9088 NORTHFIELD DR. FT.MILL,SC ,29707
Level: A B C D (circle one) ☐ ☐ ☐ ☒
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Micheal Wilson Well Driller Date: 11-2-12

If D Level Driller, provide supervising driller's name:
steve poloniewicz

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 4

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK AT 72'		47
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-1-12
47 ft. Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded Diam: 1"
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 17 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: 10 Length: 30'
Set Between: 17 ft. and 47 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 15 ft. to 47 ft.
Effective size #2 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 13 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1910
Address: (Print) 9088 NORTHFIELD DR. FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11-2-12
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: MW 5

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK AT 72'		43
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☒ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 43 ft. Date Started: 11-1-12 Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded 1" Diam.
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 13 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: 10 Length: 30'
Set Between: 13 ft. and 43 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 11 ft. to 43 ft.
Effective size #2 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 9 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman CERT. NO.: 1910
Address: (Print) 9088 NORTHFIELD DR. FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11-2-12
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 6

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK AT 72'		51
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-1-12
51' ft. Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 21 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: 10 Length: 30'
Set Between: 21 ft. and 51 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 19 ft. to 51 ft.
Effective size #2 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 17 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1910
Address: (Print)
9088 NORTHFIELD DR.
FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11-2-12
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 7

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK	AT 72'	39
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-1-12
39' ft. Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded Diam.: 1"
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 9 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: 10 Length: 30'
Set Between: 9 ft. and 39 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 7 ft. to 39' ft.
Effective size #2 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 5 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1835
Address: (Print)
9088 NORTHFIELD DR.
FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11-2-12
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 8

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK AT 72'		33
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-1-12
33' ft. Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 13 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: 10 Length: 20'
Set Between: 13 ft. and 33 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 11 ft. to 33' ft.
Effective size #2 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 9 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1835
Address: (Print)
9088 NORTHFIELD DR.
FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11-2-12
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 9

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK	AT 72'	31
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 31' ft. Date Started: 11-1-12 Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded Diam.: 1" Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 11 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN: Type: pvc Diam.: 1" Slot/Gauge: 10 Length: 20'
Set Between: 11 ft. and 31 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 9 ft. to 31' ft.
Effective size #2 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 7 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Michael Wilson **CERT. NO.:** 1835
Address: (Print)
9088 NORTHFIELD DR.
FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11-2-12
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: WOVEN ELECTRONICS (last) (first)
Address: 1001 OLD STAGE RD.
City: SIMPSONVILLE State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** GREENVILLE
Name: Woven Electronics
Street Address: 1001 Old Stage Road
Simpsonville, SC
Greenvi
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW 10

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BROWN AND TAN SILTY CLAY ROCK	AT 72'	41
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11-1-12
41 ft. Date Completed: 11-1-12

10. CASING: ☒ Threaded ☐ Welded
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 11 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: 10 Length: 30'
Set Between: 11 ft. and 41 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 9 ft. to 41 ft.
Effective size #2 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☒ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 7 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1910
Address: (Print) 9088 NORTHFIELD DR. FT.MILL,SC ,29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 803] 5482184 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11-2-12
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

9299

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Woven Electronics (last) (first)
Address: 1001 Old Stage Road
City: Simpsonville State: s.c. Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenville
Name: Woven Electronics
Street Address: 1001 Old Stage Road
City: Simpsonville Zip:
Latitude: 34.75347 N Longitude: 82.26954 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-11D

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Tan to Orange Silt	0	59'
weathered rock	59'	64'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS: two feet bentonite seal from 65'to 67'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☒ Bored ☐ Dug ☒ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 74' ft. Date Started: 12-17-12 Date Completed: 12-18-12

10. CASING: ☒ Threaded ☐ Welded
Diam.: 2"
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
6" in. to 64' ft. depth
2" in. to 69' ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 2"
Slot/Gauge: .010 Length: 5'
Set Between: 69' ft. and 74' ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 67' ft. to 74' ft.
Effective size 20/30 Uniformity Coefficient _____

16. WELL GROUTED? ☒ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☒ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 65' ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robert Miller / 1472 **CERT. NO.:** 1472
Address: (Print) 9088 North Field Dr. Ft. Mill S.C. 29707
Level: A ☐ B ☒ C ☐ D ☐ (circle one)
Telephone No.: 704-634-4589 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Robert L. Miller Date: 12/23/2012
Well Driller

If D Level Driller, provide supervising driller's name:

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Woven Electronics (first) (last)
Address: 1001 Old Stage Road
City: Simpsonville State: s.c. Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenville
Name: Woven Electronics
Street Address: 1001 Old Stage Road
City: Simpsonville Zip:
Latitude: 34.75347 N Longitude: 82.26954 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-12

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Tan to Orange Silt	0	42'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 42' ft. Date Started: 12-27-12 Date Completed: 12-27-12

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: .010 Length: 10'
Set Between: 32' ft. and 42' ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 30' ft. to 42 ft.
Effective size 20/30 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☒ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 28' ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1910
Address: (Print) 9088 North Field Dr. Ft. Mill S.C. 29707
Level: A B C D (circle one) ☐ ☐ ☐ ☒
Telephone No.: 704-634-4589 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Well Driller Date: 12/28/2012

If D Level Driller, provide supervising driller's name:
tim thomas

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Woven Electronics (last) (first)
Address: 1001 Old Stage Road
City: Simpsonville State: s.c. Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenville
Name: Woven Electronics
Street Address: 1001 Old Stage Road
City: Simpsonville Zip:
Latitude: 34.75347 N Longitude: 82.26954 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-13

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Tan to Orange Silt	0	40'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 40' ft. Date Started: 12-27-12 Date Completed: 12-27-12

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: .010 Length: 10'
Set Between: 30' ft. and 40' ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 28' ft. to 40' ft.
Effective size 20/30 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☒ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 26' ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1910
Address: (Print) 9088 North Field Dr. Ft. Mill S.C. 29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 704-634-4589 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/28/2012
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Woven Electronics (last) (first)
Address: 1001 Old Stage Road
City: Simpsonville State: S.C. Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenville
Name: Woven Electronics
Street Address: 1001 Old Stage Road
City: Simpsonville Zip:
Latitude: 34.75347 N Longitude: 82.26954 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-14

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Tan to Orange Silt	0	44'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 44 ft. Date Started: 12-27-12 Date Completed: 12-27-12

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: .010 Length: 10'
Set Between: 34' ft. and 44' ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 32' ft. to 44 ft.
Effective size 20/30 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☒ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 30' ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1910
Address: (Print)
9088 North Field Dr.
Ft. Mill S.C. 29707
Level: A B C D (circle one) ☐ ☐ ☐ ☒
Telephone No.: 704-634-4589 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/28/2012
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Woven Electronics (last) (first)
Address: 1001 Old Stage Road
City: Simpsonville State: S.C. Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenville
Name: Woven Electronics
Street Address: 1001 Old Stage Road
City: Simpsonville Zip:
Latitude: 34.75347 N Longitude: 82.26954 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-15

4. ABANDONMENT: ☐ Yes ☒ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Tan to Orange Silt	0	30'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☒ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 12-27-12
30' ft. Date Completed: 12-27-12

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☒
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: pvc Diam.: 1"
Slot/Gauge: .010 Length: 10'
Set Between: 20' ft. and 30' ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
installed from 18' ft. to 30' ft.
Effective size 20/30 Uniformity Coefficient sand

16. WELL GROUTED? ☒ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☒ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 16' ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: randy hoffman **CERT. NO.:** 1910
Address: (Print)
9088 North Field Dr.
Ft. Mill S.C. 29707
Level: A ☐ B ☐ C ☐ D ☒ (circle one)
Telephone No.: 704-634-4589 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/28/2012
Well Driller

If D Level Driller, provide supervising driller's name:
tim thomas

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

APPENDIX VI

SOIL GAS LABORATORY ANALYTICAL REPORTS

BEACON ENVIRONMENTAL SERVICES, INC.

The Leaders in Soil Gas Surveys and Vapor Intrusion Monitoring

CRB Geological & Environmental Services
5000 Old Buncombe Road, Suite 27-281
Greenville, SC 29617
Attn: Mr. Robert Workman

Passive Soil Gas Survey – Analytical Report
Date: March 11, 2011

Beacon Project No. 2400

Project Reference:	Manufacturing Site, Simpsonville, SC
Samplers Installed:	February 22, 2011
Samplers Retrieved:	March 1, 2011
Sample Receipt Date:	March 2, 2011
Date Analyses Completed:	March 3, 2011

EPA Method 8260C (Modified)
All samples were successfully analyzed using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation to target a custom compound list following EPA Method 8260C. Laboratory results are reported in nanograms (ng) of specific compound per sample.

Laboratory QA/QC procedures included internal standards, surrogates, and blanks based on EPA Method 8260C. Analyses and reporting were done in accordance with BEACON's Quality Assurance Project Plan.

Reporting limits
The contract required quantification limit (CRQL) is 25 nanograms (ng) for individual compounds and 2,500 ng for Total Petroleum Hydrocarbons (TPH). **Table 1** provides survey results in nanograms per sampler by sample-point number and compound name. The quantification limits (<25 and <2,500 ng) represent a baseline above which results exceed laboratory-determined limits of precision and accuracy.

Calibration Verification
The continuing calibration verification (CCV) values for the system check compounds were all within ±30% of the true values as defined by the initial five-point calibration and met the requirements specified in Beacon Environmental's Quality Assurance Project Plan.

Method Blanks/Trip Blanks
Laboratory method blanks are run with each sample batch to identify contamination present in the laboratory. If contamination is detected on a method blank, measurements of identical compounds in that sample batch are flagged in the laboratory report. The laboratory method blank analyzed in connection with the present samples revealed no contamination.

The trip blank is a sampler prepared, transported, and analyzed with other samples but intentionally not exposed. Any target compounds identified on the trip blanks are reported in the laboratory data. The analysis of the trip blank (labeled Trip Blank in **Table 1**) reported none of the targeted compounds.

Passive Soil-Gas Survey Notes

When sample locations are covered with or near the edge of an artificial surface (*e.g.*, asphalt or concrete), the concentrations of compounds in soil gas are often significantly higher than the concentrations would be if the surfacing were not present. Thus, a reading taken below or near an impermeable surface is much higher than it would be in the absence of such a cap. Therefore, the sample location conditions should be evaluated when comparing results between locations.

Survey findings are exclusive to this project and when the spatial relationships are compared with results of other BEACON Surveys it is necessary to incorporate survey and site information from both investigations (*e.g.*, depth to sources, soil types, porosity, soil moisture, presence of impervious surfacing, sample collection times). BEACON recommends the guidelines stated in **Attachment 1** to establish a relationship between reported soil-gas measurements and actual subsurface contaminant concentrations, which will indicate those measurements representing significant subsurface contamination.

Project Details

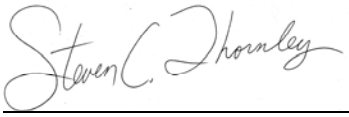
Samplers were deployed on February 22, 2011, and were retrieved on March 1, 2011. **Attachment 2** describes the field procedures used. Individual deployment and retrieval times will be found in the Field Deployment Report (**Attachment 3**).

Nine (9) field samples and one (1) trip blank were received by BEACON on March 2, 2011. Adsorbent cartridges from the passive samplers were thermally desorbed, then analyzed using gas chromatography/mass spectrometry (GC/MS) equipment, in accordance with EPA Method 8260C (Modified), as described in **Attachment 4**. BEACON's laboratory analyzed each sample for the targeted compounds; analyses were completed on March 3, 2011. Following a laboratory review, results were provided to CRB on March 8, 2011. The Chain-of-Custody form, which was shipped with the samples for this survey, is supplied as **Attachment 5**.

Attachments:

- **-1-** Applying Results From Passive Soil-Gas Surveys
- **-2-** Field Procedures
- **-3-** Field Deployment Report
- **-4-** Laboratory Procedures
- **-5-** Chain-of-Custody Form

ALL DATA MEET REQUIREMENTS AS SPECIFIED IN THE BEACON ENVIRONMENTAL SERVICES, INC. QUALITY ASSURANCE PROJECT PLAN. RELEASE OF THE DATA CONTAINED IN THIS DATA PACKAGE HAS BEEN AUTHORIZED BY THE LABORATORY DIRECTOR OR HIS SIGNEE, AS VERIFIED BY THE FOLLOWING SIGNATURE:



Steven C. Thornley
Laboratory Director

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	mb110303a	Trip Blank	SG-1	SG-2	SG-3	SG-4
Project Number:		2400	2400	2400	2400	2400
Lab File ID:	A11030303	A11030305	A11030306	A11030307	A11030308	A11030309
Received Date:		3/2/2011	3/2/2011	3/2/2011	3/2/2011	3/2/2011
Analysis Date:	3/3/2011	3/3/2011	3/3/2011	3/3/2011	3/3/2011	3/3/2011
Analysis Time:	10:34	11:21	11:43	12:04	12:25	12:46
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
Methylene Chloride	<25	<25	**28**	**377**	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	**648**	**23,619**	<25	**1,176**
trans-1,2-Dichloroethene	<25	<25	**171**	**161**	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	**29**	**129**	<25	**33**
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	**4,277**	**2,395**	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	**97**	**12,291**	**51**	**3,755**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	**51**	**33**	<25	<25
p & m-Xylene	<25	<25	**96**	**128**	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	**38**	**49**	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	**46**	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	**175**	**31**	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
TPH C_5-C_9	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500
TPH C_{10}-C_{15}	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500

Results in nanograms (ng). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	SG-5	SG-6	SG-7	SG-8	SG-9
Project Number:	2400	2400	2400	2400	2400
Lab File ID:	A11030310	A11030311	A11030312	A11030313	A11030314
Received Date:	3/2/2011	3/2/2011	3/2/2011	3/2/2011	3/2/2011
Analysis Date:	3/3/2011	3/3/2011	3/3/2011	3/3/2011	3/3/2011
Analysis Time:	13:07	13:29	13:50	14:11	14:33
Units:	ng	ng	ng	ng	ng
COMPOUNDS					
Vinyl Chloride	**39**	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25
1,1-Dichloroethene	**381**	<25	<25	<25	<25
Methylene Chloride	**596**	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	**38,536**	**473**	**918**	**84**	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25
1,1-Dichloroethane	**214**	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**434**	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25
Trichloroethene	**53**	<25	<25	<25	**34**
1,4-Dioxane	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25
Tetrachloroethene	**738**	<25	**47**	**28**	**607**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25
Naphthalene	**153**	<25	<25	<25	**34**
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25
2-Methylnaphthalene	**44**	<25	<25	<25	<25
TPH C_5-C_9	<2,500	<2,500	<2,500	<2,500	<2,500
TPH C_{10}-C_{15}	<2,500	<2,500	<2,500	<2,500	<2,500

Results in nanograms (ng). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

Attachments

Attachment 1

APPLYING RESULTS FROM PASSIVE SOIL-GAS SURVEYS

The utility of soil-gas surveys is directly proportional to their accuracy in reflecting and representing changes in the subsurface concentrations of source compounds. Passive soil-gas survey results are the mass collected from the vapor-phase emanating from the source(s). The vapor-phase is merely a fractional trace of the source(s) and, as a matter of convenience, the units used in reporting detection values from passive soil-gas surveys are smaller than those employed for source-compound concentrations.

Whatever the relative concentrations of source and associated soil gas, best results are realized when the ratio of soil-gas measurements to actual subsurface concentrations remains as close to constant as the real world permits. It is the reliability and consistency of this ratio, not the particular units of mass (*e.g.*, nanograms) that determine usefulness. Thus, BEACON emphasizes the necessity of conducting — at minimum — follow-on intrusive sampling in areas that show relatively high soil-gas measurements to obtain corresponding concentrations of soil and groundwater contaminants. These correspondent values furnish the basis for approximating a relationship. For extrapolating passive soil gas results to vapor intrusion evaluations, we recommend a minimum of three passive soil gas locations be converted to a shallow vapor well then sampled using an active soil gas method. Once a relationship is established, it can be used in conjunction with the remaining soil-gas measurements to estimate subsurface contaminant concentrations across the survey field. (See www.beacon-usa.com/passivesoilgas.html, Publication 1: *Mass to Concentration Tie-In for PSG Surveys* and Publication 4: *Groundwater and PSG Correlation*.) It is important to keep in mind, however, that specific conditions at individual sample points, including soil porosity and permeability, depth to contamination, and perched ground water, can have an impact on soil-gas measurements at those locations.

When passive soil-gas surveys are utilized as described above, the data provide information that can yield substantial savings in drilling costs and in time. They furnish, among other things, a checklist of compounds expected at each survey location and help to determine how and where drilling budgets can most effectively be spent. Passive soil-gas surveys can also be used as a remediation or general site monitoring tool that can be implemented on a quarterly, semi-annual or annual basis.

Attachment 2

FIELD PROCEDURES FOR PASSIVE SOIL-GAS SURVEYS

The following field procedures are routinely used during a BEACON Passive Soil-Gas Survey. Modifications can be and are incorporated from time to time in response to individual project requirements. In all instances, BEACON adheres to EPA-approved Quality Assurance and Quality Control practices.

A. Field personnel carry a BESURE Sample Collection Kit™ and support equipment to the site and deploy the passive samplers in a prearranged survey pattern. A passive sampler consists of a borosilicate glass vial containing hydrophobic adsorbent cartridges with a length of wire attached to the vial for retrieval. Although samplers require only one person for emplacement and retrieval, the specific number of field personnel required depends upon the scope and schedule of the project. Each Sampler emplacement generally takes less than two minutes.

B. At each survey point a field technician clears vegetation as needed and, using a hammer drill with a 1″- to 1½″-diameter bit, creates a hole 12 to 14 inches deep. [Note: For locations covered with asphalt, concrete, or gravel surfacing, the field technician drills a 1″- to 1½″-diameter hole through the surfacing to the soils beneath]. The technician then, using a hammer drill with a ½″ diameter bit, creates a hole three-feet deep. The hole is then sleeved with a 1″-diameter metal sleeve.

C. The technician then removes the solid plastic cap from a sampler and replaces it with a Sampling Cap (a plastic cap with a hole covered by screen meshing). The technician inserts the sampler, with the Sampling Cap end facing down, into the hole (**see attached figure**). The sampler is then covered with an aluminum foil plug and soils for uncapped locations or, for capped locations, an aluminum foil plug and a concrete patch. The sampler's location, time and date of emplacement, and other relevant information are recorded on the Field Deployment Form.

D. One or more trip blanks are included as part of the quality-control procedures.

E. Once all the samplers have been deployed, field personnel schedule sampler recovery and depart, taking all other equipment and materials with them.

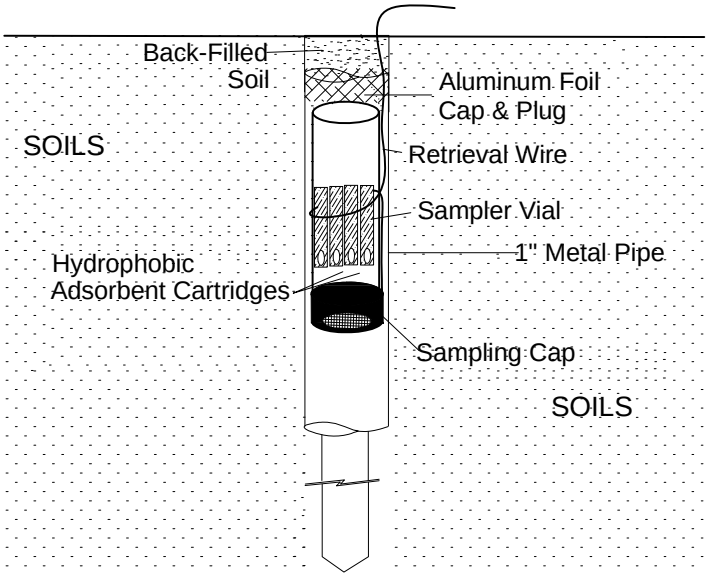
F. Field personnel retrieve the samplers at the end of the exposure period. At each location, a field technician withdraws the sampler from its hole, removes the retrieval wire, and wipes the outside of the vial clean using gauze cloth; following removal of the Sampling Cap, the threads of the vial are also cleaned. A solid plastic cap is screwed onto the vial and the sample location number is written on the label. The technician then records sample-point location, date, time, etc. on the Field Deployment Form.

G. Sampling holes are refilled with soil, sand, or other suitable material. If samplers have been installed through asphalt or concrete, the hole is filled to grade with a plug of cold patch or cement.

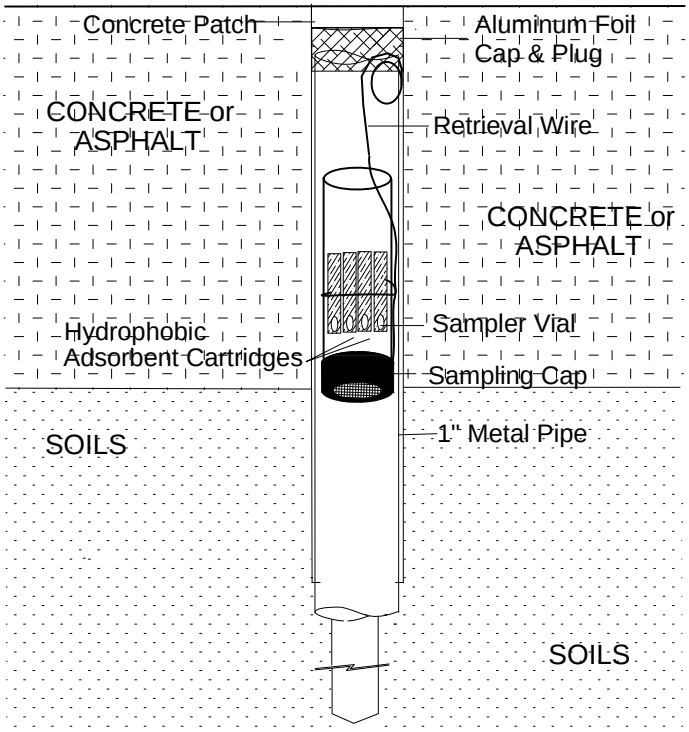
H. Following retrieval, field personnel ship or transport the passive samplers to BEACON’s laboratory.

BEACON'S PASSIVE SOIL-GAS SAMPLER

DEPLOYMENT THROUGH SOILS



DEPLOYMENT THROUGH AN ASPHALT/CONCRETE CAP



Attachment 3

Field Deployment Report

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	2400
Site Name:	Manufacturing Site
Site Location:	Simpsonville, SC

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	CRB Geological & Env. Services
Office Location:	Greenville, SC
Samples Collected By:	R Wells

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	Sampling Hole Depth (inches)	FIELD NOTES (*e.g.*, asphalt/concrete/gravel, description of sample location, PID/FID readings)
SG-1	2/22/11 0700	3/1/11 1005	36"	5" Slab
SG-2	0745	1010		5" Slab
SG-3	0830	1015		topsoil
SG-4	0845	1020		
SG-5	0910	1025		
SG-6	0945	1030		
SG-7	1005	1035		
SG-8	1020	1040		
SG-9	1045	1045		

Attachment 4

LABORATORY PROCEDURES FOR PASSIVE SOIL-GAS SAMPLES

Following are laboratory procedures used with BEACON Passive Soil-Gas Surveys, a screening technology for expedited site investigation. After exposure, adsorbent cartridges from the passive samplers are analyzed using U.S. EPA Method 8260C as described in the Solid Waste Manual (SW-846), a capillary gas chromatographic/mass spectrometric method, modified to accommodate high temperature thermal desorption of the adsorbent cartridges and to meet the objecitves of reporting semi-quantitative data. This procedure is summarized as follows:

A. The adsorbent cartridges are loaded with internal standards and surrogates prior to loading the autosampler with the cartridges. The loaded cartridges are purged in a helium flow. Then the cartridges are thermally desorbed in a helium flow onto a focusing trap. Any analytes in the helium stream are adsorbed onto a focusing trap.

B. Following trap focusing, the trap is thermally desorbed onto a DB-VRX 20 m, 0.18 mm ID, 1.00 micron filament thickness capillary column.

C. The GC/MS is scanned between 35 and 270 Atomic Mass Units (AMU) at 3.12 scans per second.

D. BFB tuning criteria and the initial five-point calibration procedures are those stated in method SW846-8260C. System performance and calibration check criteria are met prior to analysis of samples. A laboratory method blank is analyzed after the daily standard to determine that the system is contaminant-free.

E. The instrumentation used for these analyses includes:

- Agilent 6890-5973a Gas Chromatograph/Mass Spectrometer;
- Markes Unity thermal desorber;
- Markes UltrA autosampler; and
- Markes Mass Flow Controller Modules

Attachment 5

Chain-of-Custody Form

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2400
Site Name:	Manufacturing Site
Site Location:	Simpsonville, SC
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2400 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	CRB Geological & Env. Services
Office Location:	Greenville, SC
Samples Submitted By:	Rob Workman
Contact Phone No.:	864-283-2000

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
Trip-1	2400 Trip1		3/1/11	1000	RW
SG-1	2400 SG-1			1005	
SG-2	2400 SG-2			1010	
SG-3	2400 SG-3			1015	
SG-4	2400 SG-4			1020	
SG-5	2400 SG-5			1025	
SG-6	2400 SG-6			1030	
SG-7	2400 SG-7			1035	
SG-8	2400 SG-8			1040	
SG-9	2400 SG-9			1045	

Shipment of Field Kit to Site — Custody Seal # 17350321 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Ryan Scheib	02-16-2011 / 1700 Hours	FedEx	RW	2/17/11

Shipment of Field Kit to Laboratory — Custody Seal # 17350322 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
RW	3/1/11 1300	FedEx	Kenny Ipeachu	03.02.11 1000 hours

APPENDIX VII

GROUNDWATER LABORATORY ANALYTICAL REPORTS

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 05, 2014

Rob Workman
CRB
5000 Old Buncombe Road Suite 2
Greenville, SC 29617

RE: Project: 414-26
Pace Project No.: 92203457

Dear Rob Workman:
Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
Project Manager

Enclosures

cc: Braden Rambo, CRB

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without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 414-26
Pace Project No.: 92203457

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 414-26
Pace Project No.: 92203457

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92203457001	**MW-12**	EPA 8260	NU1	70	PASI-C
92203457002	**MW-15**	EPA 8260	NU1	70	PASI-C
92203457003	**MW-9**	EPA 8260	NU1	70	PASI-C
92203457004	**MW-8**	EPA 8260	NU1	70	PASI-C
92203457005	**MW-7**	EPA 8260	NU1	70	PASI-C
92203457006	**MW-6**	EPA 8260	NU1	70	PASI-C
92203457007	**MW-14**	EPA 8260	NU1	70	PASI-C
92203457008	**MW-13**	EPA 8260	NU1	70	PASI-C
92203457009	**MW-11D**	EPA 8260	NU1	70	PASI-C
92203457010	**MW-1**	EPA 8260	NU1	70	PASI-C
92203457011	**MW-2**	EPA 8260	NU1	70	PASI-C
92203457012	**MW-3**	EPA 8260	NU1	70	PASI-C
92203457013	**MW-10**	EPA 8260	NU1	70	PASI-C
92203457014	**MW-4**	EPA 8260	NU1	70	PASI-C
92203457015	**MW-5**	EPA 8260	NU1	70	PASI-C

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-12 **Lab ID: 92203457001** Collected: 05/29/14 10:40 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 20:11	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 20:11	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 20:11	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 20:11	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 20:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 20:11	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 20:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 20:11	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 20:11	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:11	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:11	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:11	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 20:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 20:11	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 20:11	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 20:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 20:11	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:11	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 20:11	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 20:11	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 20:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 20:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:11	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 20:11	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:11	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 20:11	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 20:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 20:11	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 20:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 20:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 20:11	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 20:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 20:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 20:11	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-12 **Lab ID: 92203457001** Collected: 05/29/14 10:40 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 20:11	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 20:11	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 20:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:11	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/02/14 20:11	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 20:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:11	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 20:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 20:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 20:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:11	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 20:11	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 20:11	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 20:11	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 20:11	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		06/02/14 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/02/14 20:11	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/02/14 20:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-15 **Lab ID: 92203457002** Collected: 05/29/14 11:30 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 20:26	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 20:26	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 20:26	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 20:26	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 20:26	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 20:26	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 20:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 20:26	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 20:26	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:26	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:26	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:26	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 20:26	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 20:26	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 20:26	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 20:26	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 20:26	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:26	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 20:26	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 20:26	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 20:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 20:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:26	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 20:26	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:26	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 20:26	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 20:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 20:26	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 20:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 20:26	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 20:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 20:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 20:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 20:26	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-15 **Lab ID: 92203457002** Collected: 05/29/14 11:30 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 20:26	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 20:26	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 20:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:26	79-34-5	
Tetrachloroethene	**7.7**	ug/L	5.0	1		06/02/14 20:26	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 20:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:26	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 20:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 20:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 20:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:26	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 20:26	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 20:26	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 20:26	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 20:26	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/14 20:26	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/02/14 20:26	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/02/14 20:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-9 **Lab ID: 92203457003** Collected: 05/29/14 12:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 20:42	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 20:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 20:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 20:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 20:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 20:42	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 20:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 20:42	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 20:42	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:42	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:42	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 20:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 20:42	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 20:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 20:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 20:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 20:42	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 20:42	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 20:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 20:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:42	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 20:42	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:42	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 20:42	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 20:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 20:42	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 20:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 20:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 20:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 20:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 20:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 20:42	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-9 **Lab ID: 92203457003** Collected: 05/29/14 12:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 20:42	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 20:42	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 20:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:42	79-34-5	
Tetrachloroethene	**11.6**	ug/L	5.0	1		06/02/14 20:42	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 20:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:42	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 20:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 20:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 20:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:42	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 20:42	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 20:42	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 20:42	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 20:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/14 20:42	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/02/14 20:42	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/02/14 20:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-8 **Lab ID: 92203457004** Collected: 05/29/14 12:45 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 20:57	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 20:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 20:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 20:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 20:57	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 20:57	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 20:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 20:57	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 20:57	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:57	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:57	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 20:57	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 20:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 20:57	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 20:57	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 20:57	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 20:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 20:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 20:57	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 20:57	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 20:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 20:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 20:57	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 20:57	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 20:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 20:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 20:57	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 20:57	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 20:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 20:57	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 20:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 20:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 20:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 20:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 20:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 20:57	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-8 **Lab ID: 92203457004** Collected: 05/29/14 12:45 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 20:57	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 20:57	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 20:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 20:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/02/14 20:57	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 20:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 20:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 20:57	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 20:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 20:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 20:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 20:57	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 20:57	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 20:57	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 20:57	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 20:57	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/14 20:57	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		06/02/14 20:57	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/02/14 20:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-7 **Lab ID: 92203457005** Collected: 05/29/14 13:30 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 21:13	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 21:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 21:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 21:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 21:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 21:13	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 21:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 21:13	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 21:13	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:13	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 21:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 21:13	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 21:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 21:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 21:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 21:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 21:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 21:13	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 21:13	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 21:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 21:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 21:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 21:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 21:13	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 21:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 21:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 21:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:13	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 21:13	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 21:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 21:13	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 21:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 21:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 21:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 21:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 21:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 21:13	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-7 **Lab ID: 92203457005** Collected: 05/29/14 13:30 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 21:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 21:13	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 21:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 21:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 21:13	79-34-5	
Tetrachloroethene	**38.9**	ug/L	5.0	1		06/02/14 21:13	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 21:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 21:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 21:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 21:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 21:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 21:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 21:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 21:13	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 21:13	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 21:13	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 21:13	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 21:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/14 21:13	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/02/14 21:13	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/02/14 21:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-6 **Lab ID: 92203457006** Collected: 05/29/14 13:30 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 21:29	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 21:29	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 21:29	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 21:29	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 21:29	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 21:29	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 21:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 21:29	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 21:29	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:29	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:29	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:29	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 21:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 21:29	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 21:29	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 21:29	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 21:29	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 21:29	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 21:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 21:29	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 21:29	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 21:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 21:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 21:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 21:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 21:29	540-59-0	
1,1-Dichloroethene	**20.1**	ug/L	5.0	1		06/02/14 21:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 21:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 21:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:29	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 21:29	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 21:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 21:29	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 21:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 21:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 21:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 21:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 21:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 21:29	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-6 **Lab ID: 92203457006** Collected: 05/29/14 13:30 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 21:29	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 21:29	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 21:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 21:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 21:29	79-34-5	
Tetrachloroethene	**185**	ug/L	12.5	2.5		06/03/14 19:46	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 21:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 21:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 21:29	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 21:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 21:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 21:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 21:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 21:29	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 21:29	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 21:29	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 21:29	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 21:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		06/02/14 21:29	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/02/14 21:29	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/02/14 21:29	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-14 **Lab ID: 92203457007** Collected: 05/29/14 14:15 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 21:44	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 21:44	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 21:44	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 21:44	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 21:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 21:44	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 21:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 21:44	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 21:44	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:44	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:44	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 21:44	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 21:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 21:44	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 21:44	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 21:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 21:44	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 21:44	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 21:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 21:44	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 21:44	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 21:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 21:44	75-71-8	
1,1-Dichloroethane	**43.3**	ug/L	5.0	1		06/02/14 21:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 21:44	107-06-2	
1,2-Dichloroethene (Total)	**16.0**	ug/L	5.0	1		06/02/14 21:44	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 21:44	75-35-4	
cis-1,2-Dichloroethene	**16.0**	ug/L	5.0	1		06/02/14 21:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 21:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 21:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 21:44	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 21:44	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 21:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 21:44	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 21:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 21:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 21:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 21:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 21:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 21:44	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-14 **Lab ID: 92203457007** Collected: 05/29/14 14:15 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 21:44	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 21:44	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 21:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 21:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 21:44	79-34-5	
Tetrachloroethene	**35.2**	ug/L	5.0	1		06/02/14 21:44	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 21:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 21:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 21:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 21:44	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 21:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 21:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 21:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 21:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 21:44	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 21:44	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 21:44	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 21:44	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 21:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/14 21:44	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/02/14 21:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/02/14 21:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-13 **Lab ID: 92203457008** Collected: 05/29/14 15:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 22:00	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 22:00	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 22:00	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 22:00	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 22:00	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 22:00	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 22:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 22:00	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 22:00	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:00	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:00	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:00	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 22:00	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 22:00	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 22:00	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 22:00	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 22:00	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:00	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 22:00	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 22:00	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 22:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 22:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:00	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 22:00	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:00	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 22:00	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 22:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 22:00	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 22:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 22:00	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 22:00	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 22:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 22:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 22:00	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-13 **Lab ID: 92203457008** Collected: 05/29/14 15:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 22:00	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 22:00	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 22:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:00	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/02/14 22:00	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 22:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:00	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 22:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 22:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 22:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:00	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 22:00	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 22:00	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 22:00	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 22:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/14 22:00	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/02/14 22:00	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/02/14 22:00	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-11D **Lab ID: 92203457009** Collected: 05/29/14 00:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 22:15	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 22:15	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 22:15	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 22:15	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 22:15	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 22:15	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 22:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 22:15	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 22:15	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:15	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:15	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:15	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 22:15	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 22:15	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 22:15	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 22:15	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 22:15	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:15	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 22:15	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 22:15	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 22:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 22:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 22:15	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:15	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 22:15	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 22:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 22:15	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 22:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 22:15	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 22:15	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 22:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 22:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 22:15	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-11D **Lab ID: 92203457009** Collected: 05/29/14 00:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 22:15	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 22:15	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 22:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:15	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/02/14 22:15	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 22:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:15	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 22:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 22:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 22:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:15	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 22:15	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 22:15	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 22:15	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 22:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		06/02/14 22:15	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/02/14 22:15	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/02/14 22:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-1 **Lab ID: 92203457010** Collected: 05/29/14 14:20 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 22:31	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 22:31	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 22:31	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 22:31	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 22:31	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 22:31	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 22:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 22:31	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 22:31	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:31	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:31	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:31	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 22:31	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 22:31	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 22:31	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 22:31	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 22:31	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:31	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 22:31	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 22:31	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 22:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 22:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:31	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 22:31	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:31	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 22:31	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 22:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 22:31	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 22:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 22:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 22:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 22:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 22:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 22:31	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-1 **Lab ID: 92203457010** Collected: 05/29/14 14:20 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 22:31	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 22:31	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 22:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:31	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/02/14 22:31	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 22:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:31	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 22:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 22:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 22:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:31	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 22:31	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 22:31	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 22:31	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 22:31	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		06/02/14 22:31	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/02/14 22:31	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/02/14 22:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-2 **Lab ID: 92203457011** Collected: 05/29/14 00:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 22:47	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 22:47	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 22:47	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 22:47	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 22:47	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 22:47	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 22:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 22:47	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 22:47	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:47	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:47	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 22:47	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 22:47	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 22:47	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 22:47	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 22:47	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 22:47	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:47	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 22:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 22:47	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 22:47	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 22:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 22:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 22:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 22:47	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 22:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 22:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 22:47	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 22:47	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 22:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 22:47	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 22:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 22:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 22:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 22:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 22:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 22:47	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-2 **Lab ID: 92203457011** Collected: 05/29/14 00:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 22:47	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 22:47	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 22:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 22:47	79-34-5	
Tetrachloroethene	**41.5**	ug/L	5.0	1		06/02/14 22:47	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 22:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 22:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 22:47	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 22:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 22:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 22:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 22:47	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 22:47	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 22:47	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 22:47	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 22:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/14 22:47	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/02/14 22:47	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/02/14 22:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-3 **Lab ID: 92203457012** Collected: 05/29/14 15:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/02/14 23:02	67-64-1	
Benzene	ND	ug/L	5.0	1		06/02/14 23:02	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/02/14 23:02	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/02/14 23:02	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/02/14 23:02	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/02/14 23:02	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/02/14 23:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/02/14 23:02	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/02/14 23:02	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/02/14 23:02	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/02/14 23:02	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/02/14 23:02	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/02/14 23:02	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/02/14 23:02	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/02/14 23:02	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/02/14 23:02	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/02/14 23:02	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 23:02	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/02/14 23:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/02/14 23:02	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/02/14 23:02	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/02/14 23:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 23:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 23:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/02/14 23:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/02/14 23:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/02/14 23:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/02/14 23:02	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/02/14 23:02	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/02/14 23:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 23:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/02/14 23:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 23:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/02/14 23:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/02/14 23:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/02/14 23:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 23:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/02/14 23:02	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/02/14 23:02	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/02/14 23:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/02/14 23:02	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/02/14 23:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/02/14 23:02	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/02/14 23:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/02/14 23:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/02/14 23:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/02/14 23:02	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-3 **Lab ID: 92203457012** Collected: 05/29/14 15:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/02/14 23:02	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/02/14 23:02	103-65-1	
Styrene	ND	ug/L	5.0	1		06/02/14 23:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 23:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/02/14 23:02	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/02/14 23:02	127-18-4	
Toluene	ND	ug/L	5.0	1		06/02/14 23:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 23:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/02/14 23:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/02/14 23:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/02/14 23:02	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/02/14 23:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/02/14 23:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/02/14 23:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 23:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/02/14 23:02	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/02/14 23:02	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/02/14 23:02	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/02/14 23:02	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/02/14 23:02	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/02/14 23:02	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/02/14 23:02	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		06/02/14 23:02	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-10 **Lab ID: 92203457013** Collected: 05/29/14 15:20 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/03/14 02:09	67-64-1	
Benzene	ND	ug/L	5.0	1		06/03/14 02:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/03/14 02:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/03/14 02:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/03/14 02:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/03/14 02:09	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/03/14 02:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/03/14 02:09	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/03/14 02:09	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:09	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/03/14 02:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/03/14 02:09	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/03/14 02:09	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/03/14 02:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/03/14 02:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/03/14 02:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/03/14 02:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/03/14 02:09	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/03/14 02:09	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/03/14 02:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/03/14 02:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/03/14 02:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/03/14 02:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/03/14 02:09	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:09	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/03/14 02:09	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/03/14 02:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/03/14 02:09	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/03/14 02:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/03/14 02:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/03/14 02:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/03/14 02:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/03/14 02:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/03/14 02:09	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-10 **Lab ID: 92203457013** Collected: 05/29/14 15:20 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/03/14 02:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/03/14 02:09	103-65-1	
Styrene	ND	ug/L	5.0	1		06/03/14 02:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/03/14 02:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/03/14 02:09	79-34-5	
Tetrachloroethene	**172**	ug/L	5.0	1		06/03/14 02:09	127-18-4	
Toluene	ND	ug/L	5.0	1		06/03/14 02:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/03/14 02:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/03/14 02:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/03/14 02:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/03/14 02:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/03/14 02:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/03/14 02:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/03/14 02:09	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/03/14 02:09	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/03/14 02:09	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/03/14 02:09	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/03/14 02:09	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		06/03/14 02:09	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/03/14 02:09	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		06/03/14 02:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-4 **Lab ID: 92203457014** Collected: 05/29/14 16:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/03/14 02:25	67-64-1	
Benzene	ND	ug/L	5.0	1		06/03/14 02:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/03/14 02:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/03/14 02:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/03/14 02:25	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/03/14 02:25	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/03/14 02:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/03/14 02:25	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/03/14 02:25	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:25	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:25	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/03/14 02:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/03/14 02:25	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/03/14 02:25	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/03/14 02:25	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/03/14 02:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/03/14 02:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/03/14 02:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/03/14 02:25	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/03/14 02:25	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/03/14 02:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/03/14 02:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/03/14 02:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/03/14 02:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/03/14 02:25	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:25	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/03/14 02:25	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/03/14 02:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/03/14 02:25	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/03/14 02:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/03/14 02:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/03/14 02:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/03/14 02:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/03/14 02:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/03/14 02:25	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-4 **Lab ID: 92203457014** Collected: 05/29/14 16:00 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/03/14 02:25	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/03/14 02:25	103-65-1	
Styrene	ND	ug/L	5.0	1		06/03/14 02:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/03/14 02:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/03/14 02:25	79-34-5	
Tetrachloroethene	**96.4**	ug/L	5.0	1		06/03/14 02:25	127-18-4	
Toluene	ND	ug/L	5.0	1		06/03/14 02:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/03/14 02:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/03/14 02:25	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/03/14 02:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/03/14 02:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/03/14 02:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/03/14 02:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/03/14 02:25	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/03/14 02:25	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/03/14 02:25	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/03/14 02:25	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/03/14 02:25	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		06/03/14 02:25	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/03/14 02:25	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		06/03/14 02:25	2037-26-5	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-5 **Lab ID: 92203457015** Collected: 05/29/14 16:10 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/03/14 02:40	67-64-1	
Benzene	ND	ug/L	5.0	1		06/03/14 02:40	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/03/14 02:40	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/03/14 02:40	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/03/14 02:40	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/03/14 02:40	75-25-2	
Bromomethane	ND	ug/L	10.0	1		06/03/14 02:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		06/03/14 02:40	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		06/03/14 02:40	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:40	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:40	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/03/14 02:40	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		06/03/14 02:40	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/03/14 02:40	108-90-7	
Chloroethane	ND	ug/L	10.0	1		06/03/14 02:40	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/03/14 02:40	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/03/14 02:40	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/03/14 02:40	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/03/14 02:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/03/14 02:40	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		06/03/14 02:40	124-48-1	
Dibromomethane	ND	ug/L	5.0	1		06/03/14 02:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/03/14 02:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/03/14 02:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/03/14 02:40	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		06/03/14 02:40	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/03/14 02:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/03/14 02:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/03/14 02:40	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		06/03/14 02:40	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		06/03/14 02:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/03/14 02:40	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		06/03/14 02:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/03/14 02:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/03/14 02:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/03/14 02:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		06/03/14 02:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		06/03/14 02:40	1634-04-4	

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ANALYTICAL RESULTS

Project: 414-26
Pace Project No.: 92203457

Sample: MW-5 **Lab ID: 92203457015** Collected: 05/29/14 16:10 Received: 05/29/14 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		06/03/14 02:40	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/03/14 02:40	103-65-1	
Styrene	ND	ug/L	5.0	1		06/03/14 02:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/03/14 02:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/03/14 02:40	79-34-5	
Tetrachloroethene	**7.0**	ug/L	5.0	1		06/03/14 02:40	127-18-4	
Toluene	ND	ug/L	5.0	1		06/03/14 02:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/03/14 02:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/03/14 02:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/03/14 02:40	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/03/14 02:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		06/03/14 02:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/03/14 02:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/03/14 02:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/03/14 02:40	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		06/03/14 02:40	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		06/03/14 02:40	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		06/03/14 02:40	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		06/03/14 02:40	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		06/03/14 02:40	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/03/14 02:40	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/03/14 02:40	2037-26-5	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

QC Batch: MSV/27051 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV SC
Associated Lab Samples: 92203457001, 92203457002

METHOD BLANK: 1211614 Matrix: Water
Associated Lab Samples: 92203457001, 92203457002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/02/14 12:53	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/02/14 12:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/02/14 12:53	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/02/14 12:53	
1,1-Dichloroethane	ug/L	ND	5.0	06/02/14 12:53	
1,1-Dichloroethene	ug/L	ND	5.0	06/02/14 12:53	
1,1-Dichloropropene	ug/L	ND	5.0	06/02/14 12:53	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/02/14 12:53	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/02/14 12:53	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/02/14 12:53	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/02/14 12:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/02/14 12:53	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/02/14 12:53	
1,2-Dichloroethane	ug/L	ND	5.0	06/02/14 12:53	
1,2-Dichloroethene (Total)	ug/L	ND	5.0	06/02/14 12:53	
1,2-Dichloropropane	ug/L	ND	5.0	06/02/14 12:53	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/02/14 12:53	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/02/14 12:53	
1,3-Dichloropropane	ug/L	ND	5.0	06/02/14 12:53	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/02/14 12:53	
2,2-Dichloropropane	ug/L	ND	5.0	06/02/14 12:53	
2-Butanone (MEK)	ug/L	ND	10.0	06/02/14 12:53	
2-Chlorotoluene	ug/L	ND	5.0	06/02/14 12:53	
2-Hexanone	ug/L	ND	10.0	06/02/14 12:53	
4-Chlorotoluene	ug/L	ND	5.0	06/02/14 12:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/02/14 12:53	
Acetone	ug/L	ND	25.0	06/02/14 12:53	
Benzene	ug/L	ND	5.0	06/02/14 12:53	
Bromobenzene	ug/L	ND	5.0	06/02/14 12:53	
Bromochloromethane	ug/L	ND	5.0	06/02/14 12:53	
Bromodichloromethane	ug/L	ND	5.0	06/02/14 12:53	
Bromoform	ug/L	ND	5.0	06/02/14 12:53	
Bromomethane	ug/L	ND	10.0	06/02/14 12:53	
Carbon tetrachloride	ug/L	ND	5.0	06/02/14 12:53	
Chlorobenzene	ug/L	ND	5.0	06/02/14 12:53	
Chloroethane	ug/L	ND	10.0	06/02/14 12:53	
Chloroform	ug/L	ND	5.0	06/02/14 12:53	
Chloromethane	ug/L	ND	5.0	06/02/14 12:53	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/02/14 12:53	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/02/14 12:53	
Dibromochloromethane	ug/L	ND	5.0	06/02/14 12:53	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

METHOD BLANK: 1211614 Matrix: Water
Associated Lab Samples: 92203457001, 92203457002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	06/02/14 12:53	
Dichlorodifluoromethane	ug/L	ND	5.0	06/02/14 12:53	
Diisopropyl ether	ug/L	ND	5.0	06/02/14 12:53	
Ethylbenzene	ug/L	ND	5.0	06/02/14 12:53	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/02/14 12:53	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/02/14 12:53	
m&p-Xylene	ug/L	ND	10.0	06/02/14 12:53	
Methyl-tert-butyl ether	ug/L	ND	5.0	06/02/14 12:53	
Methylene Chloride	ug/L	ND	5.0	06/02/14 12:53	
n-Butylbenzene	ug/L	ND	5.0	06/02/14 12:53	
n-Propylbenzene	ug/L	ND	5.0	06/02/14 12:53	
Naphthalene	ug/L	ND	5.0	06/02/14 12:53	
o-Xylene	ug/L	ND	5.0	06/02/14 12:53	
p-Isopropyltoluene	ug/L	ND	5.0	06/02/14 12:53	
sec-Butylbenzene	ug/L	ND	5.0	06/02/14 12:53	
Styrene	ug/L	ND	5.0	06/02/14 12:53	
tert-Butyl Alcohol	ug/L	ND	100	06/02/14 12:53	
tert-Butylbenzene	ug/L	ND	5.0	06/02/14 12:53	
Tetrachloroethene	ug/L	ND	5.0	06/02/14 12:53	
Toluene	ug/L	ND	5.0	06/02/14 12:53	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/02/14 12:53	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/02/14 12:53	
Trichloroethene	ug/L	ND	5.0	06/02/14 12:53	
Trichlorofluoromethane	ug/L	ND	10.0	06/02/14 12:53	
Vinyl acetate	ug/L	ND	10.0	06/02/14 12:53	
Vinyl chloride	ug/L	ND	5.0	06/02/14 12:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130	06/02/14 12:53	
4-Bromofluorobenzene (S)	%	101	70-130	06/02/14 12:53	
Toluene-d8 (S)	%	100	70-130	06/02/14 12:53	

LABORATORY CONTROL SAMPLE: 1211615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.0	94	70-130	
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.9	94	70-130	
1,1,2-Trichloroethane	ug/L	50	49.5	99	70-130	
1,1-Dichloroethane	ug/L	50	46.1	92	70-130	
1,1-Dichloroethene	ug/L	50	52.6	105	70-130	
1,1-Dichloropropene	ug/L	50	52.5	105	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.2	102	70-130	
1,2,3-Trichloropropane	ug/L	50	48.6	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.8	100	70-130	
1,2,4-Trimethylbenzene	ug/L	50	48.2	96	70-130	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

LABORATORY CONTROL SAMPLE: 1211615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	48.9	98	70-130	
1,2-Dichloroethene (Total)	ug/L	100	99.8	100	70-130	
1,2-Dichloropropane	ug/L	50	48.5	97	70-130	
1,3,5-Trimethylbenzene	ug/L	50	49.4	99	70-130	
1,3-Dichlorobenzene	ug/L	50	49.3	99	70-130	
1,3-Dichloropropane	ug/L	50	47.3	95	70-130	
1,4-Dichlorobenzene	ug/L	50	48.8	98	70-130	
2,2-Dichloropropane	ug/L	50	49.2	98	70-130	
2-Butanone (MEK)	ug/L	100	93.9	94	70-130	
2-Chlorotoluene	ug/L	50	48.3	97	70-130	
2-Hexanone	ug/L	100	90.7	91	70-130	
4-Chlorotoluene	ug/L	50	46.8	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.9	98	70-130	
Acetone	ug/L	100	95.2	95	70-130	
Benzene	ug/L	50	50.2	100	70-130	
Bromobenzene	ug/L	50	48.9	98	70-130	
Bromochloromethane	ug/L	50	50.7	101	70-130	
Bromodichloromethane	ug/L	50	47.8	96	70-130	
Bromoform	ug/L	50	49.1	98	70-130	
Bromomethane	ug/L	50	51.2	102	70-130	
Carbon tetrachloride	ug/L	50	54.0	108	70-130	
Chlorobenzene	ug/L	50	46.5	93	70-130	
Chloroethane	ug/L	50	55.4	111	70-130	
Chloroform	ug/L	50	49.3	99	70-130	
Chloromethane	ug/L	50	52.4	105	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.0	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	70-130	
Dibromochloromethane	ug/L	50	47.1	94	70-130	
Dibromomethane	ug/L	50	48.8	98	70-130	
Dichlorodifluoromethane	ug/L	50	59.2	118	70-130	
Diisopropyl ether	ug/L	50	48.0	96	70-130	
Ethylbenzene	ug/L	50	47.0	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	55.7	111	70-130	
Isopropylbenzene (Cumene)	ug/L	50	50.0	100	70-130	
m&p-Xylene	ug/L	100	95.3	95	70-130	
Methyl-tert-butyl ether	ug/L	50	51.5	103	70-130	
Methylene Chloride	ug/L	50	53.3	107	70-130	
n-Butylbenzene	ug/L	50	52.4	105	70-130	
n-Propylbenzene	ug/L	50	49.8	100	70-130	
Naphthalene	ug/L	50	49.2	98	70-130	
o-Xylene	ug/L	50	46.7	93	70-130	
p-Isopropyltoluene	ug/L	50	50.2	100	70-130	
sec-Butylbenzene	ug/L	50	51.7	103	70-130	
Styrene	ug/L	50	49.6	99	70-130	
tert-Butyl Alcohol	ug/L	500	483	97	70-130	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

LABORATORY CONTROL SAMPLE: 1211615

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	50.4	101	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-130	
Toluene	ug/L	50	48.8	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Trichloroethene	ug/L	50	49.8	100	70-130	
Trichlorofluoromethane	ug/L	50	59.2	118	70-130	
Vinyl acetate	ug/L	100	98.5	98	70-130	
Vinyl chloride	ug/L	50	66.0	132	70-130	L0
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1212753 1212754

Parameter	Units	92203514001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	58.3	51.2	117	102	70-130	13	
1,1,1-Trichloroethane	ug/L	ND	50	50	73.0	66.5	146	133	70-130	9	M0
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	57.0	50.6	114	101	70-130	12	
1,1,2-Trichloroethane	ug/L	ND	50	50	65.2	59.0	130	118	70-130	10	
1,1-Dichloroethane	ug/L	ND	50	50	69.8	62.4	140	125	70-130	11	M0
1,1-Dichloroethene	ug/L	ND	50	50	77.1	69.8	154	140	70-130	10	M0
1,1-Dichloropropene	ug/L	ND	50	50	79.6	72.7	159	145	70-130	9	M0
1,2,3-Trichlorobenzene	ug/L	ND	50	50	52.6	50.8	105	102	70-130	4	
1,2,3-Trichloropropane	ug/L	ND	50	50	57.8	52.4	116	105	70-130	10	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	51.2	48.5	102	97	70-130	5	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	56.7	51.7	113	103	70-130	9	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	54.3	50.8	109	102	70-130	7	
1,2-Dichlorobenzene	ug/L	ND	50	50	55.7	51.3	111	103	70-130	8	
1,2-Dichloroethane	ug/L	ND	50	50	71.2	62.3	142	125	70-130	13	M0
1,2-Dichloropropane	ug/L	ND	50	50	66.5	59.3	133	119	70-130	12	M0
1,3,5-Trimethylbenzene	ug/L	ND	50	50	57.3	53.0	115	106	70-130	8	
1,3-Dichlorobenzene	ug/L	ND	50	50	54.2	49.6	108	99	70-130	9	
1,3-Dichloropropane	ug/L	ND	50	50	59.0	52.6	118	105	70-130	11	
1,4-Dichlorobenzene	ug/L	ND	50	50	54.5	50.1	109	100	70-130	8	
2,2-Dichloropropane	ug/L	ND	50	50	67.6	60.7	135	121	70-130	11	M0
2-Butanone (MEK)	ug/L	ND	100	100	124	116	124	116	70-130	7	
2-Chlorotoluene	ug/L	ND	50	50	56.2	51.5	112	103	70-130	9	
2-Hexanone	ug/L	ND	100	100	106	96.8	106	97	70-130	9	
4-Chlorotoluene	ug/L	ND	50	50	54.0	49.5	108	99	70-130	9	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	127	116	127	116	70-130	9	
Acetone	ug/L	ND	100	100	128	114	124	110	70-130	11	
Benzene	ug/L	ND	50	50	70.0	63.1	140	126	70-130	10	M0
Bromobenzene	ug/L	ND	50	50	56.3	51.6	113	103	70-130	9	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1212753 1212754

Parameter	Units	92203514001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Bromochloromethane	ug/L	ND	50	50	73.1	64.2	146	128	70-130	13	M0
Bromodichloromethane	ug/L	ND	50	50	64.4	56.9	129	114	70-130	12	
Bromoform	ug/L	ND	50	50	56.0	50.5	112	101	70-130	10	
Bromomethane	ug/L	ND	50	50	85.1	83.3	170	167	70-130	2	M0
Carbon tetrachloride	ug/L	ND	50	50	72.0	67.3	144	135	70-130	7	M0
Chlorobenzene	ug/L	ND	50	50	57.2	51.8	114	104	70-130	10	
Chloroethane	ug/L	ND	50	50	81.4	75.0	163	150	70-130	8	M0
Chloroform	ug/L	ND	50	50	72.6	64.7	145	129	70-130	12	M0
Chloromethane	ug/L	ND	50	50	79.7	70.3	159	141	70-130	13	M0
cis-1,2-Dichloroethene	ug/L	ND	50	50	72.8	65.2	146	130	70-130	11	M0
cis-1,3-Dichloropropene	ug/L	ND	50	50	65.5	58.6	131	117	70-130	11	M0
Dibromochloromethane	ug/L	ND	50	50	55.7	49.9	111	100	70-130	11	
Dibromomethane	ug/L	ND	50	50	62.7	55.9	125	112	70-130	11	
Dichlorodifluoromethane	ug/L	ND	50	50	85.4	78.1	171	156	70-130	9	M0
Diisopropyl ether	ug/L	ND	50	50	69.1	62.1	138	124	70-130	11	M0
Ethylbenzene	ug/L	ND	50	50	58.6	52.7	117	105	70-130	11	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	57.4	54.5	115	109	70-130	5	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	62.4	56.7	125	113	70-130	10	
m&p-Xylene	ug/L	ND	100	100	118	107	118	106	70-130	10	
Methyl-tert-butyl ether	ug/L	ND	50	50	74.0	65.2	148	130	70-130	13	M0
Methylene Chloride	ug/L	ND	50	50	71.9	62.1	144	124	70-130	15	M0
n-Butylbenzene	ug/L	ND	50	50	58.9	54.7	118	109	70-130	7	
n-Propylbenzene	ug/L	ND	50	50	58.1	53.9	116	108	70-130	8	
Naphthalene	ug/L	ND	50	50	51.6	49.7	101	97	70-130	4	
o-Xylene	ug/L	ND	50	50	58.1	52.1	116	104	70-130	11	
p-Isopropyltoluene	ug/L	ND	50	50	57.2	53.1	114	106	70-130	7	
sec-Butylbenzene	ug/L	ND	50	50	60.9	55.7	122	111	70-130	9	
Styrene	ug/L	ND	50	50	60.8	54.4	122	109	70-130	11	
tert-Butyl Alcohol	ug/L	ND	500	500	767	644	153	129	70-130	17	M0
tert-Butylbenzene	ug/L	ND	50	50	58.6	54.4	117	109	70-130	7	
Tetrachloroethene	ug/L	ND	50	50	61.2	55.9	122	112	70-130	9	
Toluene	ug/L	ND	50	50	67.7	61.3	135	123	70-130	10	M0
trans-1,2-Dichloroethene	ug/L	ND	50	50	75.4	67.9	151	136	70-130	10	M0
trans-1,3-Dichloropropene	ug/L	ND	50	50	63.8	57.6	128	115	70-130	10	
Trichloroethene	ug/L	ND	50	50	66.7	61.2	133	122	70-130	9	M0
Trichlorofluoromethane	ug/L	ND	50	50	86.9	79.5	174	159	70-130	9	M0
Vinyl acetate	ug/L	ND	100	100	132	117	132	117	70-130	12	M0
Vinyl chloride	ug/L	ND	50	50	99.0	90.7	198	181	70-130	9	M0
1,2-Dichloroethane-d4 (S)	%						102	101	70-130		
4-Bromofluorobenzene (S)	%						101	101	70-130		
Toluene-d8 (S)	%						105	104	70-130		

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

QC Batch: MSV/27052 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV SC
Associated Lab Samples: 92203457003, 92203457004, 92203457005, 92203457006, 92203457007, 92203457008, 92203457009, 92203457010, 92203457011, 92203457012

METHOD BLANK: 1211682 Matrix: Water
Associated Lab Samples: 92203457003, 92203457004, 92203457005, 92203457006, 92203457007, 92203457008, 92203457009, 92203457010, 92203457011, 92203457012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/02/14 12:37	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/02/14 12:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/02/14 12:37	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/02/14 12:37	
1,1-Dichloroethane	ug/L	ND	5.0	06/02/14 12:37	
1,1-Dichloroethene	ug/L	ND	5.0	06/02/14 12:37	
1,1-Dichloropropene	ug/L	ND	5.0	06/02/14 12:37	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/02/14 12:37	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/02/14 12:37	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/02/14 12:37	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/02/14 12:37	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/02/14 12:37	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/02/14 12:37	
1,2-Dichloroethane	ug/L	ND	5.0	06/02/14 12:37	
1,2-Dichloroethene (Total)	ug/L	ND	5.0	06/02/14 12:37	
1,2-Dichloropropane	ug/L	ND	5.0	06/02/14 12:37	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/02/14 12:37	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/02/14 12:37	
1,3-Dichloropropane	ug/L	ND	5.0	06/02/14 12:37	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/02/14 12:37	
2,2-Dichloropropane	ug/L	ND	5.0	06/02/14 12:37	
2-Butanone (MEK)	ug/L	ND	10.0	06/02/14 12:37	
2-Chlorotoluene	ug/L	ND	5.0	06/02/14 12:37	
2-Hexanone	ug/L	ND	10.0	06/02/14 12:37	
4-Chlorotoluene	ug/L	ND	5.0	06/02/14 12:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/02/14 12:37	
Acetone	ug/L	ND	25.0	06/02/14 12:37	
Benzene	ug/L	ND	5.0	06/02/14 12:37	
Bromobenzene	ug/L	ND	5.0	06/02/14 12:37	
Bromochloromethane	ug/L	ND	5.0	06/02/14 12:37	
Bromodichloromethane	ug/L	ND	5.0	06/02/14 12:37	
Bromoform	ug/L	ND	5.0	06/02/14 12:37	
Bromomethane	ug/L	ND	10.0	06/02/14 12:37	
Carbon tetrachloride	ug/L	ND	5.0	06/02/14 12:37	
Chlorobenzene	ug/L	ND	5.0	06/02/14 12:37	
Chloroethane	ug/L	ND	10.0	06/02/14 12:37	
Chloroform	ug/L	ND	5.0	06/02/14 12:37	
Chloromethane	ug/L	ND	5.0	06/02/14 12:37	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/02/14 12:37	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/02/14 12:37	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

METHOD BLANK: 1211682 Matrix: Water

Associated Lab Samples: 92203457003, 92203457004, 92203457005, 92203457006, 92203457007, 92203457008, 92203457009, 92203457010, 92203457011, 92203457012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	5.0	06/02/14 12:37	
Dibromomethane	ug/L	ND	5.0	06/02/14 12:37	
Dichlorodifluoromethane	ug/L	ND	5.0	06/02/14 12:37	
Diisopropyl ether	ug/L	ND	5.0	06/02/14 12:37	
Ethylbenzene	ug/L	ND	5.0	06/02/14 12:37	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/02/14 12:37	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/02/14 12:37	
m&p-Xylene	ug/L	ND	10.0	06/02/14 12:37	
Methyl-tert-butyl ether	ug/L	ND	5.0	06/02/14 12:37	
Methylene Chloride	ug/L	ND	5.0	06/02/14 12:37	
n-Butylbenzene	ug/L	ND	5.0	06/02/14 12:37	
n-Propylbenzene	ug/L	ND	5.0	06/02/14 12:37	
Naphthalene	ug/L	ND	5.0	06/02/14 12:37	
o-Xylene	ug/L	ND	5.0	06/02/14 12:37	
p-Isopropyltoluene	ug/L	ND	5.0	06/02/14 12:37	
sec-Butylbenzene	ug/L	ND	5.0	06/02/14 12:37	
Styrene	ug/L	ND	5.0	06/02/14 12:37	
tert-Butyl Alcohol	ug/L	ND	100	06/02/14 12:37	
tert-Butylbenzene	ug/L	ND	5.0	06/02/14 12:37	
Tetrachloroethene	ug/L	ND	5.0	06/02/14 12:37	
Toluene	ug/L	ND	5.0	06/02/14 12:37	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/02/14 12:37	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/02/14 12:37	
Trichloroethene	ug/L	ND	5.0	06/02/14 12:37	
Trichlorofluoromethane	ug/L	ND	10.0	06/02/14 12:37	
Vinyl acetate	ug/L	ND	10.0	06/02/14 12:37	
Vinyl chloride	ug/L	ND	5.0	06/02/14 12:37	
1,2-Dichloroethane-d4 (S)	%	99	70-130	06/02/14 12:37	
4-Bromofluorobenzene (S)	%	100	70-130	06/02/14 12:37	
Toluene-d8 (S)	%	101	70-130	06/02/14 12:37	

LABORATORY CONTROL SAMPLE: 1211683

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.4	97	70-130	
1,1,1-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	70-130	
1,1,2-Trichloroethane	ug/L	50	52.2	104	70-130	
1,1-Dichloroethane	ug/L	50	48.3	97	70-130	
1,1-Dichloroethene	ug/L	50	55.4	111	70-130	
1,1-Dichloropropene	ug/L	50	55.6	111	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	70-130	
1,2,3-Trichloropropane	ug/L	50	51.9	104	70-130	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

LABORATORY CONTROL SAMPLE: 1211683

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	52.1	104	70-130	
1,2,4-Trimethylbenzene	ug/L	50	50.2	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.7	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	50.6	101	70-130	
1,2-Dichloroethene (Total)	ug/L	100	103	103	70-130	
1,2-Dichloropropane	ug/L	50	49.8	100	70-130	
1,3,5-Trimethylbenzene	ug/L	50	50.6	101	70-130	
1,3-Dichlorobenzene	ug/L	50	50.3	101	70-130	
1,3-Dichloropropane	ug/L	50	48.8	98	70-130	
1,4-Dichlorobenzene	ug/L	50	49.6	99	70-130	
2,2-Dichloropropane	ug/L	50	52.2	104	70-130	
2-Butanone (MEK)	ug/L	100	102	102	70-130	
2-Chlorotoluene	ug/L	50	49.4	99	70-130	
2-Hexanone	ug/L	100	98.3	98	70-130	
4-Chlorotoluene	ug/L	50	48.1	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-130	
Acetone	ug/L	100	103	103	70-130	
Benzene	ug/L	50	52.5	105	70-130	
Bromobenzene	ug/L	50	49.5	99	70-130	
Bromochloromethane	ug/L	50	53.5	107	70-130	
Bromodichloromethane	ug/L	50	49.2	98	70-130	
Bromoform	ug/L	50	51.1	102	70-130	
Bromomethane	ug/L	50	55.5	111	70-130	
Carbon tetrachloride	ug/L	50	56.2	112	70-130	
Chlorobenzene	ug/L	50	47.5	95	70-130	
Chloroethane	ug/L	50	57.4	115	70-130	
Chloroform	ug/L	50	49.9	100	70-130	
Chloromethane	ug/L	50	54.4	109	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.2	102	70-130	
Dibromochloromethane	ug/L	50	48.0	96	70-130	
Dibromomethane	ug/L	50	50.7	101	70-130	
Dichlorodifluoromethane	ug/L	50	64.1	128	70-130	
Diisopropyl ether	ug/L	50	49.6	99	70-130	
Ethylbenzene	ug/L	50	47.6	95	70-130	
Hexachloro-1,3-butadiene	ug/L	50	58.9	118	70-130	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	70-130	
m&p-Xylene	ug/L	100	97.1	97	70-130	
Methyl-tert-butyl ether	ug/L	50	53.7	107	70-130	
Methylene Chloride	ug/L	50	56.8	114	70-130	
n-Butylbenzene	ug/L	50	55.0	110	70-130	
n-Propylbenzene	ug/L	50	52.0	104	70-130	
Naphthalene	ug/L	50	52.0	104	70-130	
o-Xylene	ug/L	50	48.2	96	70-130	
p-Isopropyltoluene	ug/L	50	52.5	105	70-130	
sec-Butylbenzene	ug/L	50	53.7	107	70-130	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

LABORATORY CONTROL SAMPLE: 1211683

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	50.9	102	70-130	
tert-Butyl Alcohol	ug/L	500	494	99	70-130	
tert-Butylbenzene	ug/L	50	52.6	105	70-130	
Tetrachloroethene	ug/L	50	52.7	105	70-130	
Toluene	ug/L	50	50.7	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.8	106	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.8	102	70-130	
Trichloroethene	ug/L	50	52.1	104	70-130	
Trichlorofluoromethane	ug/L	50	62.7	125	70-130	
Vinyl acetate	ug/L	100	105	105	70-130	
Vinyl chloride	ug/L	50	70.2	140	70-130	L0
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1212757 1212758

Parameter	Units	92203457003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	45.4	49.6	91	99	70-130	9	
1,1,1-Trichloroethane	ug/L	ND	50	50	58.9	63.0	118	126	70-130	7	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	43.7	49.2	87	98	70-130	12	
1,1,2-Trichloroethane	ug/L	ND	50	50	51.1	56.9	102	114	70-130	11	
1,1-Dichloroethane	ug/L	ND	50	50	55.6	59.7	111	119	70-130	7	
1,1-Dichloroethene	ug/L	ND	50	50	63.1	67.3	126	135	70-130	6	M0
1,1-Dichloropropene	ug/L	ND	50	50	65.3	69.9	131	140	70-130	7	M0
1,2,3-Trichlorobenzene	ug/L	ND	50	50	42.9	49.8	86	100	70-130	15	
1,2,3-Trichloropropane	ug/L	ND	50	50	45.2	49.8	90	100	70-130	10	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	43.5	48.7	87	97	70-130	11	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	46.9	50.7	94	101	70-130	8	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	41.1	47.4	82	95	70-130	14	
1,2-Dichlorobenzene	ug/L	ND	50	50	45.2	49.7	90	99	70-130	9	
1,2-Dichloroethane	ug/L	ND	50	50	54.0	59.3	108	119	70-130	9	
1,2-Dichloropropane	ug/L	ND	50	50	51.8	57.8	104	116	70-130	11	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	47.6	51.3	95	103	70-130	7	
1,3-Dichlorobenzene	ug/L	ND	50	50	45.2	48.3	90	97	70-130	6	
1,3-Dichloropropane	ug/L	ND	50	50	45.7	50.5	91	101	70-130	10	
1,4-Dichlorobenzene	ug/L	ND	50	50	45.1	48.6	90	97	70-130	7	
2,2-Dichloropropane	ug/L	ND	50	50	53.9	58.0	108	116	70-130	7	
2-Butanone (MEK)	ug/L	ND	100	100	94.6	112	95	112	70-130	17	
2-Chlorotoluene	ug/L	ND	50	50	46.6	49.8	93	100	70-130	7	
2-Hexanone	ug/L	ND	100	100	78.7	93.6	79	94	70-130	17	
4-Chlorotoluene	ug/L	ND	50	50	45.0	48.0	90	96	70-130	6	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	95.3	111	95	111	70-130	15	
Acetone	ug/L	ND	100	100	93.8	108	94	108	70-130	14	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1212757 1212758

Parameter	Units	92203457003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	50	50	55.7	60.7	111	121	70-130	9	
Bromobenzene	ug/L	ND	50	50	46.3	49.7	93	99	70-130	7	
Bromochloromethane	ug/L	ND	50	50	55.6	61.1	111	122	70-130	9	
Bromodichloromethane	ug/L	ND	50	50	49.8	55.0	100	110	70-130	10	
Bromoform	ug/L	ND	50	50	43.5	48.6	87	97	70-130	11	
Bromomethane	ug/L	ND	50	50	73.0	77.6	146	155	70-130	6	M0
Carbon tetrachloride	ug/L	ND	50	50	59.2	64.2	118	128	70-130	8	
Chlorobenzene	ug/L	ND	50	50	46.3	49.6	93	99	70-130	7	
Chloroethane	ug/L	ND	50	50	68.3	72.0	137	144	70-130	5	M0
Chloroform	ug/L	ND	50	50	55.9	61.2	112	122	70-130	9	
Chloromethane	ug/L	ND	50	50	65.4	67.0	131	134	70-130	2	M0
cis-1,2-Dichloroethene	ug/L	ND	50	50	57.4	62.1	115	124	70-130	8	
cis-1,3-Dichloropropene	ug/L	ND	50	50	51.3	56.9	103	114	70-130	10	
Dibromochloromethane	ug/L	ND	50	50	43.3	47.6	87	95	70-130	9	
Dibromomethane	ug/L	ND	50	50	48.1	53.3	96	107	70-130	10	
Dichlorodifluoromethane	ug/L	ND	50	50	70.5	75.6	141	151	70-130	7	M0
Diisopropyl ether	ug/L	ND	50	50	54.0	58.7	108	117	70-130	8	
Ethylbenzene	ug/L	ND	50	50	48.0	51.1	96	102	70-130	6	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	52.0	55.9	104	112	70-130	7	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	52.0	54.9	104	110	70-130	5	
m&p-Xylene	ug/L	ND	100	100	97.7	103	98	103	70-130	6	
Methyl-tert-butyl ether	ug/L	ND	50	50	55.7	63.0	111	126	70-130	12	
Methylene Chloride	ug/L	ND	50	50	55.6	60.4	111	121	70-130	8	
n-Butylbenzene	ug/L	ND	50	50	51.4	56.0	103	112	70-130	8	
n-Propylbenzene	ug/L	ND	50	50	49.3	53.0	99	106	70-130	7	
Naphthalene	ug/L	ND	50	50	41.4	48.4	83	97	70-130	16	
o-Xylene	ug/L	ND	50	50	47.5	50.5	95	101	70-130	6	
p-Isopropyltoluene	ug/L	ND	50	50	49.1	53.0	98	106	70-130	8	
sec-Butylbenzene	ug/L	ND	50	50	51.6	55.7	103	111	70-130	8	
Styrene	ug/L	ND	50	50	48.7	52.5	97	105	70-130	8	
tert-Butyl Alcohol	ug/L	ND	500	500	583	580	117	116	70-130	0	
tert-Butylbenzene	ug/L	ND	50	50	49.8	52.5	100	105	70-130	5	
Tetrachloroethene	ug/L	11.6	50	50	62.3	65.5	102	108	70-130	5	
Toluene	ug/L	ND	50	50	54.5	59.4	108	118	70-130	9	
trans-1,2-Dichloroethene	ug/L	ND	50	50	60.4	65.2	121	130	70-130	8	
trans-1,3-Dichloropropene	ug/L	ND	50	50	49.4	55.5	99	111	70-130	11	
Trichloroethene	ug/L	ND	50	50	53.4	59.2	107	118	70-130	10	
Trichlorofluoromethane	ug/L	ND	50	50	72.0	75.9	144	152	70-130	5	M0
Vinyl acetate	ug/L	ND	100	100	105	119	105	119	70-130	12	
Vinyl chloride	ug/L	ND	50	50	80.3	86.1	161	172	70-130	7	M0
1,2-Dichloroethane-d4 (S)	%						101	101	70-130		
4-Bromofluorobenzene (S)	%						101	100	70-130		
Toluene-d8 (S)	%						104	105	70-130		

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

QC Batch: MSV/27060 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV SC
Associated Lab Samples: 92203457013, 92203457014, 92203457015

METHOD BLANK: 1211883 Matrix: Water
Associated Lab Samples: 92203457013, 92203457014, 92203457015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/03/14 00:51	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/03/14 00:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/03/14 00:51	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/03/14 00:51	
1,1-Dichloroethane	ug/L	ND	5.0	06/03/14 00:51	
1,1-Dichloroethene	ug/L	ND	5.0	06/03/14 00:51	
1,1-Dichloropropene	ug/L	ND	5.0	06/03/14 00:51	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/03/14 00:51	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/03/14 00:51	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/03/14 00:51	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/03/14 00:51	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/03/14 00:51	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/03/14 00:51	
1,2-Dichloroethane	ug/L	ND	5.0	06/03/14 00:51	
1,2-Dichloroethene (Total)	ug/L	ND	5.0	06/03/14 00:51	
1,2-Dichloropropane	ug/L	ND	5.0	06/03/14 00:51	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/03/14 00:51	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/03/14 00:51	
1,3-Dichloropropane	ug/L	ND	5.0	06/03/14 00:51	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/03/14 00:51	
2,2-Dichloropropane	ug/L	ND	5.0	06/03/14 00:51	
2-Butanone (MEK)	ug/L	ND	10.0	06/03/14 00:51	
2-Chlorotoluene	ug/L	ND	5.0	06/03/14 00:51	
2-Hexanone	ug/L	ND	10.0	06/03/14 00:51	
4-Chlorotoluene	ug/L	ND	5.0	06/03/14 00:51	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	06/03/14 00:51	
Acetone	ug/L	ND	25.0	06/03/14 00:51	
Benzene	ug/L	ND	5.0	06/03/14 00:51	
Bromobenzene	ug/L	ND	5.0	06/03/14 00:51	
Bromochloromethane	ug/L	ND	5.0	06/03/14 00:51	
Bromodichloromethane	ug/L	ND	5.0	06/03/14 00:51	
Bromoform	ug/L	ND	5.0	06/03/14 00:51	
Bromomethane	ug/L	ND	10.0	06/03/14 00:51	
Carbon tetrachloride	ug/L	ND	5.0	06/03/14 00:51	
Chlorobenzene	ug/L	ND	5.0	06/03/14 00:51	
Chloroethane	ug/L	ND	10.0	06/03/14 00:51	
Chloroform	ug/L	ND	5.0	06/03/14 00:51	
Chloromethane	ug/L	ND	5.0	06/03/14 00:51	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/03/14 00:51	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/03/14 00:51	
Dibromochloromethane	ug/L	ND	5.0	06/03/14 00:51	

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QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

METHOD BLANK: 1211883 Matrix: Water
Associated Lab Samples: 92203457013, 92203457014, 92203457015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	06/03/14 00:51	
Dichlorodifluoromethane	ug/L	ND	5.0	06/03/14 00:51	
Diisopropyl ether	ug/L	ND	5.0	06/03/14 00:51	
Ethylbenzene	ug/L	ND	5.0	06/03/14 00:51	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/03/14 00:51	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/03/14 00:51	
m&p-Xylene	ug/L	ND	10.0	06/03/14 00:51	
Methyl-tert-butyl ether	ug/L	ND	5.0	06/03/14 00:51	
Methylene Chloride	ug/L	ND	5.0	06/03/14 00:51	
n-Butylbenzene	ug/L	ND	5.0	06/03/14 00:51	
n-Propylbenzene	ug/L	ND	5.0	06/03/14 00:51	
Naphthalene	ug/L	ND	5.0	06/03/14 00:51	
o-Xylene	ug/L	ND	5.0	06/03/14 00:51	
p-Isopropyltoluene	ug/L	ND	5.0	06/03/14 00:51	
sec-Butylbenzene	ug/L	ND	5.0	06/03/14 00:51	
Styrene	ug/L	ND	5.0	06/03/14 00:51	
tert-Butyl Alcohol	ug/L	ND	100	06/03/14 00:51	
tert-Butylbenzene	ug/L	ND	5.0	06/03/14 00:51	
Tetrachloroethene	ug/L	ND	5.0	06/03/14 00:51	
Toluene	ug/L	ND	5.0	06/03/14 00:51	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/03/14 00:51	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/03/14 00:51	
Trichloroethene	ug/L	ND	5.0	06/03/14 00:51	
Trichlorofluoromethane	ug/L	ND	10.0	06/03/14 00:51	
Vinyl acetate	ug/L	ND	10.0	06/03/14 00:51	
Vinyl chloride	ug/L	ND	5.0	06/03/14 00:51	
1,2-Dichloroethane-d4 (S)	%	100	70-130	06/03/14 00:51	
4-Bromofluorobenzene (S)	%	103	70-130	06/03/14 00:51	
Toluene-d8 (S)	%	101	70-130	06/03/14 00:51	

LABORATORY CONTROL SAMPLE: 1211884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.9	90	70-130	
1,1,1-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.4	95	70-130	
1,1,2-Trichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethane	ug/L	50	49.0	98	70-130	
1,1-Dichloroethene	ug/L	50	55.2	110	70-130	
1,1-Dichloropropene	ug/L	50	55.6	111	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.5	97	70-130	
1,2,3-Trichloropropane	ug/L	50	49.3	99	70-130	
1,2,4-Trichlorobenzene	ug/L	50	46.1	92	70-130	
1,2,4-Trimethylbenzene	ug/L	50	44.5	89	70-130	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

LABORATORY CONTROL SAMPLE: 1211884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	49.4	99	70-130	
1,2-Dichlorobenzene	ug/L	50	45.9	92	70-130	
1,2-Dichloroethane	ug/L	50	52.4	105	70-130	
1,2-Dichloroethene (Total)	ug/L	100	105	105	70-130	
1,2-Dichloropropane	ug/L	50	49.5	99	70-130	
1,3,5-Trimethylbenzene	ug/L	50	44.5	89	70-130	
1,3-Dichlorobenzene	ug/L	50	44.3	89	70-130	
1,3-Dichloropropane	ug/L	50	45.9	92	70-130	
1,4-Dichlorobenzene	ug/L	50	44.0	88	70-130	
2,2-Dichloropropane	ug/L	50	48.1	96	70-130	
2-Butanone (MEK)	ug/L	100	111	111	70-130	
2-Chlorotoluene	ug/L	50	43.5	87	70-130	
2-Hexanone	ug/L	100	97.2	97	70-130	
4-Chlorotoluene	ug/L	50	41.8	84	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	108	108	70-130	
Benzene	ug/L	50	51.1	102	70-130	
Bromobenzene	ug/L	50	43.7	87	70-130	
Bromochloromethane	ug/L	50	54.1	108	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	48.5	97	70-130	
Bromomethane	ug/L	50	54.9	110	70-130	
Carbon tetrachloride	ug/L	50	55.0	110	70-130	
Chlorobenzene	ug/L	50	44.1	88	70-130	
Chloroethane	ug/L	50	57.5	115	70-130	
Chloroform	ug/L	50	50.8	102	70-130	
Chloromethane	ug/L	50	54.1	108	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.7	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	70-130	
Dibromochloromethane	ug/L	50	45.1	90	70-130	
Dibromomethane	ug/L	50	51.1	102	70-130	
Dichlorodifluoromethane	ug/L	50	58.4	117	70-130	
Diisopropyl ether	ug/L	50	51.0	102	70-130	
Ethylbenzene	ug/L	50	44.2	88	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.3	97	70-130	
Isopropylbenzene (Cumene)	ug/L	50	47.9	96	70-130	
m&p-Xylene	ug/L	100	90.7	91	70-130	
Methyl-tert-butyl ether	ug/L	50	56.7	113	70-130	
Methylene Chloride	ug/L	50	54.8	110	70-130	
n-Butylbenzene	ug/L	50	46.2	92	70-130	
n-Propylbenzene	ug/L	50	45.0	90	70-130	
Naphthalene	ug/L	50	48.6	97	70-130	
o-Xylene	ug/L	50	44.5	89	70-130	
p-Isopropyltoluene	ug/L	50	45.0	90	70-130	
sec-Butylbenzene	ug/L	50	46.6	93	70-130	
Styrene	ug/L	50	47.3	95	70-130	
tert-Butyl Alcohol	ug/L	500	551	110	70-130	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

LABORATORY CONTROL SAMPLE: 1211884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	46.4	93	70-130	
Tetrachloroethene	ug/L	50	48.2	96	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.8	106	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	70-130	
Trichloroethene	ug/L	50	50.2	100	70-130	
Trichlorofluoromethane	ug/L	50	61.8	124	70-130	
Vinyl acetate	ug/L	100	107	107	70-130	
Vinyl chloride	ug/L	50	68.1	136	70-130	L0
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1212761 1212762

Parameter	Units	92203457014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	55.1	51.9	110	104	70-130	6	
1,1,1-Trichloroethane	ug/L	ND	50	50	72.0	67.4	144	135	70-130	7	M0
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	56.6	50.0	113	100	70-130	12	
1,1,2-Trichloroethane	ug/L	ND	50	50	65.4	60.0	131	120	70-130	8	M0
1,1-Dichloroethane	ug/L	ND	50	50	69.3	64.8	137	128	70-130	7	M0
1,1-Dichloroethene	ug/L	ND	50	50	79.2	74.1	158	148	70-130	7	M0
1,1-Dichloropropene	ug/L	ND	50	50	78.9	73.5	158	147	70-130	7	M0
1,2,3-Trichlorobenzene	ug/L	ND	50	50	56.4	50.2	113	100	70-130	12	
1,2,3-Trichloropropane	ug/L	ND	50	50	57.0	52.0	114	104	70-130	9	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	53.8	48.5	108	97	70-130	10	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	55.1	51.9	110	104	70-130	6	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	56.4	50.6	113	101	70-130	11	
1,2-Dichlorobenzene	ug/L	ND	50	50	54.5	50.8	109	102	70-130	7	
1,2-Dichloroethane	ug/L	ND	50	50	68.6	63.7	137	127	70-130	7	M0
1,2-Dichloropropane	ug/L	ND	50	50	65.6	60.4	131	121	70-130	8	M0
1,3,5-Trimethylbenzene	ug/L	ND	50	50	55.9	52.6	112	105	70-130	6	
1,3-Dichlorobenzene	ug/L	ND	50	50	53.0	50.8	106	102	70-130	4	
1,3-Dichloropropane	ug/L	ND	50	50	57.9	52.1	116	104	70-130	11	
1,4-Dichlorobenzene	ug/L	ND	50	50	53.5	49.4	107	99	70-130	8	
2,2-Dichloropropane	ug/L	ND	50	50	65.5	60.9	131	122	70-130	7	M0
2-Butanone (MEK)	ug/L	ND	100	100	132	114	132	114	70-130	15	M0
2-Chlorotoluene	ug/L	ND	50	50	54.2	51.3	108	103	70-130	6	
2-Hexanone	ug/L	ND	100	100	109	91.7	109	92	70-130	18	
4-Chlorotoluene	ug/L	ND	50	50	52.3	49.6	105	99	70-130	5	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	132	114	132	114	70-130	14	M0
Acetone	ug/L	ND	100	100	127	113	126	112	70-130	12	
Benzene	ug/L	ND	50	50	68.5	63.5	137	127	70-130	7	M0
Bromobenzene	ug/L	ND	50	50	54.8	52.0	110	104	70-130	5	

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(704)875-9092

QUALITY CONTROL DATA

Project: 414-26
Pace Project No.: 92203457

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1212761 1212762

Parameter	Units	92203457014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Bromochloromethane	ug/L	ND	50	50	70.1	65.6	140	131	70-130	7	M0
Bromodichloromethane	ug/L	ND	50	50	62.4	57.8	125	116	70-130	8	
Bromoform	ug/L	ND	50	50	55.2	50.0	110	100	70-130	10	
Bromomethane	ug/L	ND	50	50	85.0	82.6	170	165	70-130	3	M0
Carbon tetrachloride	ug/L	ND	50	50	72.4	68.1	145	136	70-130	6	M0
Chlorobenzene	ug/L	ND	50	50	55.1	51.3	110	103	70-130	7	
Chloroethane	ug/L	ND	50	50	80.4	75.2	161	150	70-130	7	M0
Chloroform	ug/L	ND	50	50	69.7	65.2	139	130	70-130	7	M0
Chloromethane	ug/L	ND	50	50	76.0	73.3	152	147	70-130	4	M0
cis-1,2-Dichloroethene	ug/L	ND	50	50	70.8	65.8	142	132	70-130	7	M0
cis-1,3-Dichloropropene	ug/L	ND	50	50	64.9	60.2	130	120	70-130	7	
Dibromochloromethane	ug/L	ND	50	50	54.4	49.6	109	99	70-130	9	
Dibromomethane	ug/L	ND	50	50	61.9	55.7	124	111	70-130	11	
Dichlorodifluoromethane	ug/L	ND	50	50	83.5	78.2	167	156	70-130	7	M0
Diisopropyl ether	ug/L	ND	50	50	68.3	62.3	137	125	70-130	9	M0
Ethylbenzene	ug/L	ND	50	50	56.1	52.2	112	104	70-130	7	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	63.3	56.0	127	112	70-130	12	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	60.2	56.1	120	112	70-130	7	
m&p-Xylene	ug/L	ND	100	100	114	107	114	107	70-130	6	
Methyl-tert-butyl ether	ug/L	ND	50	50	73.8	65.8	148	132	70-130	12	M0
Methylene Chloride	ug/L	ND	50	50	69.0	64.2	138	128	70-130	7	M0
n-Butylbenzene	ug/L	ND	50	50	59.9	56.4	120	113	70-130	6	
n-Propylbenzene	ug/L	ND	50	50	56.7	54.2	113	108	70-130	4	
Naphthalene	ug/L	ND	50	50	54.0	48.2	108	96	70-130	11	
o-Xylene	ug/L	ND	50	50	56.0	52.5	112	105	70-130	6	
p-Isopropyltoluene	ug/L	ND	50	50	57.7	53.7	115	107	70-130	7	
sec-Butylbenzene	ug/L	ND	50	50	60.2	56.2	120	112	70-130	7	
Styrene	ug/L	ND	50	50	58.0	54.7	116	109	70-130	6	
tert-Butyl Alcohol	ug/L	ND	500	500	684	636	137	127	70-130	7	M0
tert-Butylbenzene	ug/L	ND	50	50	57.6	55.1	115	110	70-130	5	
Tetrachloroethene	ug/L	96.4	50	50	151	142	109	91	70-130	6	
Toluene	ug/L	ND	50	50	65.9	62.0	132	124	70-130	6	M0
trans-1,2-Dichloroethene	ug/L	ND	50	50	73.7	69.2	147	138	70-130	6	M0
trans-1,3-Dichloropropene	ug/L	ND	50	50	63.6	58.3	127	117	70-130	9	
Trichloroethene	ug/L	ND	50	50	67.0	62.0	134	124	70-130	8	M0
Trichlorofluoromethane	ug/L	ND	50	50	86.2	80.7	172	161	70-130	7	M0
Vinyl acetate	ug/L	ND	100	100	138	124	138	124	70-130	11	M0
Vinyl chloride	ug/L	ND	50	50	97.7	91.4	195	183	70-130	7	M0
1,2-Dichloroethane-d4 (S)	%						102	100	70-130		
4-Bromofluorobenzene (S)	%						101	100	70-130		
Toluene-d8 (S)	%						105	105	70-130		

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 414-26
Pace Project No.: 92203457

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 414-26
Pace Project No.: 92203457

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92203457001	**MW-12**	EPA 8260	MSV/27051		
92203457002	**MW-15**	EPA 8260	MSV/27051		
92203457003	**MW-9**	EPA 8260	MSV/27052		
92203457004	**MW-8**	EPA 8260	MSV/27052		
92203457005	**MW-7**	EPA 8260	MSV/27052		
92203457006	**MW-6**	EPA 8260	MSV/27052		
92203457007	**MW-14**	EPA 8260	MSV/27052		
92203457008	**MW-13**	EPA 8260	MSV/27052		
92203457009	**MW-11D**	EPA 8260	MSV/27052		
92203457010	**MW-1**	EPA 8260	MSV/27052		
92203457011	**MW-2**	EPA 8260	MSV/27052		
92203457012	**MW-3**	EPA 8260	MSV/27052		
92203457013	**MW-10**	EPA 8260	MSV/27060		
92203457014	**MW-4**	EPA 8260	MSV/27060		
92203457015	**MW-5**	EPA 8260	MSV/27060		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: April 9, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.13	Issuing Authorities: Pace Asheville Quality Office

Client Name: CBB

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other_____

Thermometer Used: IR Gun#3 -130265963 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 4.3 C Biological Tissue is Frozen: Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KDB 5/30/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WW WW		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: JM Date: 5/30/14

SRF Review: AMB Date: 5-30-14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

OR

Handwrite project number (if no label available)

9220345 7

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

1698593

Section A Required Client Information:

Company: CRB Geological & Env
Address: 5000 Old Buncombe Rd, Suite 21, Greenville SC
Email To: rworkman@crbgro.net
Phone: 864 915-2466 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Robert Workman
Copy To:
Purchase Order No.:
Project Name:
Project Number: 214-26

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: SC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: 8260 VOA	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-17	WT	G			5/29	1040		3	X								Y	X		9220345701
2	MW-15	"	"			"	1130		3	X								Y	X		002
3	MW-9	"	"			"	1200		3	X								Y	X		003
4	MW-8	"	"			"	1245		3	X								Y	X		004
5	MW-7	"	"			"	130		3	X								Y	X		005
6	MW-6	"	"			"	130		3	X								Y	X		006
7	MW-14	"	"			"	315		3	X								Y	X		007
8	MW-13	"	"			"	300		3	X								Y	X		008
9	MW-11D	"	"			"			3	X								Y	X		009
10	MW-1	"	"			"	220		3	X								Y	X		010
11	MW-2	"	"			"			3	X								Y	X		011
12	MW-3	"	"			"	300		3	X								Y	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Eric Greenwood/CRB			Jerry Chastain	5.29.14	16:50	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Eric B. Greenwood

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-29-14

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

1698591

Section A Required Client Information:

Company:	CRA Geological / FEN
Address:	5000 Old Buncombe Rd, Suite 21, Greenville, SC
Email To:	rworkman@crageo.net
Phone:	864 915-2466 Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Robert Workman
Copy To:	
Purchase Order No.:	
Project Name:	
Project Number:	414-26

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: SC

Section D Required Client Information

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): 8260 VOA	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-10	WT	G			5/29	326		3	X								X		92203457
2	MW-4	WT	G				400		3	X								X		93
3	MW-5	WT	G				410		3	X								X		814
4																				815
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Eric Greenwood KRA	5/29/14	1430	Chad — CRA	5.29.14	16:50
	—	5.30.14	14:40	—	5/30/14	0940

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Eric B. Greenwood

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-27-14

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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Mr. Robert Workman
CRB Geological & Env Services Inc - SC
5000 Old Buncombe Road, Suite 27-281
Greenville, SC 29617

Report Summary

Monday November 19, 2012

Report Number: L606454
Samples Received: 11/15/12
Client Project:

Description: BEA 11-26

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Jimmy Hunt

Jimmy Hunt , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-1

Collected By : B. Rambo
Collection Date : 11/14/12 12:10

ESC Sample # : L606454-01

Site ID : SIMPSONVILLE, SC

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	BDL	1.0	ug/l	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-01

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-1

Collected By : B. Rambo
Collection Date : 11/14/12 12:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	97.8		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	92.2		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	100.		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	97.7		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-2

Collected By : B. Rambo
Collection Date : 11/14/12 14:35

ESC Sample # : L606454-02

Site ID : SIMPSONVILLE, SC

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	1.4	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	120	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	50.	1.0	ug/l	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-02

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-2

Collected By : B. Rambo
Collection Date : 11/14/12 14:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	96.4		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	91.7		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	98.8		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	95.0		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-3

Collected By : B. Rambo
Collection Date : 11/14/12 13:20

ESC Sample # : L606454-03

Site ID : SIMPSONVILLE, SC

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	1.3	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	BDL	1.0	ug/l	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-03

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-3

Collected By : B. Rambo
Collection Date : 11/14/12 13:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	96.6		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	94.1		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	98.6		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	98.2		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-4

Collected By : B. Rambo
Collection Date : 11/14/12 14:05

ESC Sample # : L606454-04

Site ID : SIMPSONVILLE, SC

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	7.9	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	230	5.0	ug/l	8260B	11/17/12	5
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	260	5.0	ug/l	8260B	11/17/12	5

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-04

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-4

Collected By : B. Rambo
Collection Date : 11/14/12 14:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	97.2		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	95.5		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	99.2		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	95.9		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-05

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-5

Collected By : B. Rambo
Collection Date : 11/14/12 13:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	27.	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	27.	1.0	ug/l	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-05

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-5

Collected By : B. Rambo
Collection Date : 11/14/12 13:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	97.1		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	94.6		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	98.2		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	99.4		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-06

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-6

Collected By : B. Rambo
Collection Date : 11/14/12 16:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	34.	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	400	20.	ug/l	8260B	11/17/12	20
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	1100	20.	ug/l	8260B	11/17/12	20

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-06

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-6

Collected By : B. Rambo
Collection Date : 11/14/12 16:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	97.3		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	92.6		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	101.		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	95.6		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-07

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-7

Collected By : B. Rambo
Collection Date : 11/14/12 15:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	1.2	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	52.	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	2.7	1.0	ug/l	8260B	11/17/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-07

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-7

Collected By : B. Rambo
Collection Date : 11/14/12 15:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	97.5		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	93.5		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	101.		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	96.6		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 11/19/12 13:47 Printed: 11/19/12 13:47

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YOUR LAB OF CHOICE

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-8

Collected By : B. Rambo
Collection Date : 11/14/12 10:15

ESC Sample # : L606454-08

Site ID : SIMPSONVILLE, SC

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	14.	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	BDL	1.0	ug/l	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-08

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-8

Collected By : B. Rambo
Collection Date : 11/14/12 10:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	97.5		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	93.9		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	98.8		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	94.3		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-09

Date Received : November 15, 2012
Description : BEA 11-26

Site ID : SIMPSONVILLE, SC

Sample ID : MW-9

Project # :

Collected By : B. Rambo
Collection Date : 11/14/12 09:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	68.	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	BDL	1.0	ug/l	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-09

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-9

Collected By : B. Rambo
Collection Date : 11/14/12 09:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	97.2		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	91.8		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	99.0		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	97.2		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-10

Collected By : B. Rambo
Collection Date : 11/14/12 10:55

ESC Sample # : L606454-10

Site ID : SIMPSONVILLE, SC

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	11/16/12	1
Benzene	BDL	1.0	ug/l	8260B	11/16/12	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	11/16/12	1
Bromoform	BDL	1.0	ug/l	8260B	11/16/12	1
Bromomethane	BDL	5.0	ug/l	8260B	11/16/12	1
Carbon disulfide	BDL	1.0	ug/l	8260B	11/16/12	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	11/16/12	1
Chloroethane	BDL	5.0	ug/l	8260B	11/16/12	1
Chloroform	BDL	5.0	ug/l	8260B	11/16/12	1
Chloromethane	BDL	2.5	ug/l	8260B	11/16/12	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	11/16/12	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1-Dichloroethene	4.6	1.0	ug/l	8260B	11/16/12	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	11/16/12	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	11/16/12	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Ethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	11/16/12	1
2-Hexanone	BDL	10.	ug/l	8260B	11/16/12	1
Methylene Chloride	BDL	5.0	ug/l	8260B	11/16/12	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	11/16/12	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	11/16/12	1
Naphthalene	BDL	5.0	ug/l	8260B	11/16/12	1
Styrene	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Tetrachloroethene	120	1.0	ug/l	8260B	11/16/12	1
Toluene	BDL	5.0	ug/l	8260B	11/16/12	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	11/16/12	1
Trichloroethene	BDL	1.0	ug/l	8260B	11/16/12	1
Vinyl chloride	BDL	1.0	ug/l	8260B	11/16/12	1
Xylenes, Total	BDL	3.0	ug/l	8260B	11/16/12	1
1,1,2-Trichlorotrifluoroethane	64.	1.0	ug/l	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

November 19,2012

ESC Sample # : L606454-10

Site ID : SIMPSONVILLE, SC

Project # :

Date Received : November 15, 2012
Description : BEA 11-26

Sample ID : MW-10

Collected By : B. Rambo
Collection Date : 11/14/12 10:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	11/16/12	1
Surrogate Recovery						
Toluene-d8	96.9		% Rec.	8260B	11/16/12	1
Dibromofluoromethane	92.1		% Rec.	8260B	11/16/12	1
a,a,a-Trifluorotoluene	98.1		% Rec.	8260B	11/16/12	1
4-Bromofluorobenzene	98.0		% Rec.	8260B	11/16/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Summary of Remarks For Samples Printed
11/19/12 at 13:47:57

TSR Signing Reports: 350
R5 - Desired TAT

Sample: L606454-01 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-02 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-03 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-04 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-05 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-06 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-07 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-08 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-09 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved
Sample: L606454-10 Account: CRBGEOGSC Received: 11/15/12 09:00 Due Date: 11/23/12 00:00 RPT Date: 11/19/12 13:47
Not preserved

CRB Geological & Env Services Inc - SC

5000 Old Buncombe Road. Suite 27-281
Greenville,SC 29617

Billing information:

Mr. Robert Workman
8744 SW 133rd Street

Miami,FL 33176

Analysis/Container/Preservative

A095

Chain of Custody
Page 1 of 2

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: Mr. Robert Workman

Email: rworkman@crbgeo.net,blivie

Project Description: BEA 11-26

City/State Collected: Simpsonville, SC

Phone: (864) 283-2000
FAX:

Client Project #:

Lab Project #: CRBGEOGSC-BEA1126

Collected by (print): B. RAMBO

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Acctnum: CRBGEOGSC (lab use only)
Template/Prelogin: T82735/ P409819
Cooler #: JB 10125
Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260SC 40mlAmb-NoPres							Remarks/Contaminant	Sample # (lab only)
MW-1	G	GW		11/14/2012	1210	3	X								L666454-01
MW-2		GW			1435	3	X								02
MW-3		GW			1320	3	X								03
MW-4		GW			1405	3	X								04
MW-5		GW			1300	3	X								05
MW-6		GW			1600	3	X								06
MW-7		GW			1520	3	X								07
MW-8		GW			1015	3	X								08
MW-9		GW			0930	3	X								09

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

5413477305386

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	11/14/12	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Tom Wolen

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 3.1°C Bottles Received: 30 + TB

Condition: (lab use only) TD

COC Seal Intact: ✓ Y ___ N ___ NA

Date: 11/15/12 Time: 0900

pH Checked: NCF:

CRB Geological & Env Services Inc - SC

5000 Old Buncombe Road, Suite 27-281
Greenville,SC 29617

Billing information:

Mr. Robert Workman
8744 SW 133rd Street

Miami,FL 33176

Analysis/Container/Preservative

Chain of Custody
Page 2 of 2

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: Mr. Robert Workman

Email: rworkman@crbgeo.net,blivie

Project Description: BEA 11-26

City/State Collected: SIMPSONVILLE, SC

Phone: (864) 283-2000
FAX:

Client Project #:

Lab Project #: CRBGEOGSC-BEA1126

Collected by (print): B. RAMBO

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260SC 40mlAmb-NoPres								Remarks/Contaminant	Sample # (lab only)
MW-10	G	GW		11/14/12	1055	3	X									L606454-10

(lab use only)
Acctnum: CRBGEOGSC
Template/Prelogin: T82735/ P409819
Cooler #: JB 10 125
Shipped Via: FedEX Ground

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	11/14/12	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 3.9 c

Bottles Received: 3 VOA + 1 LTB

Date: 11/15/12 Time: 0900

Condition: (lab use only) TD

COC Seal Intact: ✓ Y ___ N ___ NA

pH Checked: NCF:

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Mr. Robert Workman
CRB Geological & Env Services Inc - SC
5000 Old Buncombe Road, Suite 27-281
Greenville, SC 29617

Report Summary

Thursday January 10, 2013

Report Number: L613989
Samples Received: 01/04/13
Client Project: BEA 414-26

Description:

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Jimmy Hunt

Jimmy Hunt , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

January 10,2013

ESC Sample # : L613989-01

Date Received : January 04, 2013
Description :

Site ID : SIMPSONVILLE, SC

Sample ID : DRUM

Project # : BEA 414-26

Collected By : B. Rambo
Collection Date : 12/18/12 16:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	73.8	0.100	%	2540G	01/09/13	1
Volatile Organics						
Bromodichloromethane	BDL	0.0068	mg/kg	8260B	01/09/13	5
Bromoform	BDL	0.0068	mg/kg	8260B	01/09/13	5
Bromomethane	BDL	0.034	mg/kg	8260B	01/09/13	5
Carbon tetrachloride	BDL	0.0068	mg/kg	8260B	01/09/13	5
Chlorobenzene	BDL	0.0068	mg/kg	8260B	01/09/13	5
Chlorodibromomethane	BDL	0.0068	mg/kg	8260B	01/09/13	5
Chloroethane	BDL	0.034	mg/kg	8260B	01/09/13	5
Chloroform	BDL	0.034	mg/kg	8260B	01/09/13	5
Chloromethane	BDL	0.017	mg/kg	8260B	01/09/13	5
1,2-Dichlorobenzene	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,3-Dichlorobenzene	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,4-Dichlorobenzene	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,1-Dichloroethane	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,2-Dichloroethane	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,1-Dichloroethene	BDL	0.0068	mg/kg	8260B	01/09/13	5
cis-1,2-Dichloroethene	BDL	0.0068	mg/kg	8260B	01/09/13	5
trans-1,2-Dichloroethene	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,2-Dichloropropane	BDL	0.0068	mg/kg	8260B	01/09/13	5
cis-1,3-Dichloropropene	BDL	0.0068	mg/kg	8260B	01/09/13	5
trans-1,3-Dichloropropene	BDL	0.0068	mg/kg	8260B	01/09/13	5
Methylene Chloride	BDL	0.034	mg/kg	8260B	01/09/13	5
1,1,2,2-Tetrachloroethane	BDL	0.0068	mg/kg	8260B	01/09/13	5
Tetrachloroethene	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,1,1-Trichloroethane	BDL	0.0068	mg/kg	8260B	01/09/13	5
1,1,2-Trichloroethane	BDL	0.0068	mg/kg	8260B	01/09/13	5
Trichloroethene	BDL	0.0068	mg/kg	8260B	01/09/13	5
Vinyl chloride	BDL	0.0068	mg/kg	8260B	01/09/13	5
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	01/09/13	5
Dibromofluoromethane	105.		% Rec.	8260B	01/09/13	5
4-Bromofluorobenzene	108.		% Rec.	8260B	01/09/13	5
a,a,a-Trifluorotoluene	108.		% Rec.	8260B	01/09/13	5

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

January 10,2013

ESC Sample # : L613989-02

Date Received : January 04, 2013
Description :

Site ID : SIMPSONVILLE, SC

Sample ID : MW-12

Project # : BEA 414-26

Collected By : B. Rambo
Collection Date : 01/03/13 10:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Bromodichloromethane	BDL	1.0	ug/l	8260B	01/06/13	1
Bromoform	BDL	1.0	ug/l	8260B	01/06/13	1
Bromomethane	BDL	5.0	ug/l	8260B	01/06/13	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	01/06/13	1
Chloroethane	BDL	5.0	ug/l	8260B	01/06/13	1
Chloroform	BDL	5.0	ug/l	8260B	01/06/13	1
Chloromethane	BDL	2.5	ug/l	8260B	01/06/13	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	01/06/13	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
Methylene Chloride	BDL	5.0	ug/l	8260B	01/06/13	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Trichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
Vinyl chloride	BDL	1.0	ug/l	8260B	01/06/13	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	01/06/13	1
Dibromofluoromethane	95.0		% Rec.	8260B	01/06/13	1
a,a,a-Trifluorotoluene	109.		% Rec.	8260B	01/06/13	1
4-Bromofluorobenzene	113.		% Rec.	8260B	01/06/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

January 10,2013

ESC Sample # : L613989-03

Date Received : January 04, 2013
Description :

Site ID : SIMPSONVILLE, SC

Sample ID : MW-13

Project # : BEA 414-26

Collected By : B. Rambo
Collection Date : 01/03/13 10:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Bromodichloromethane	BDL	1.0	ug/l	8260B	01/06/13	1
Bromoform	BDL	1.0	ug/l	8260B	01/06/13	1
Bromomethane	BDL	5.0	ug/l	8260B	01/06/13	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	01/06/13	1
Chloroethane	BDL	5.0	ug/l	8260B	01/06/13	1
Chloroform	BDL	5.0	ug/l	8260B	01/06/13	1
Chloromethane	BDL	2.5	ug/l	8260B	01/06/13	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	01/06/13	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
Methylene Chloride	BDL	5.0	ug/l	8260B	01/06/13	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Trichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
Vinyl chloride	BDL	1.0	ug/l	8260B	01/06/13	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	01/06/13	1
Dibromofluoromethane	95.5		% Rec.	8260B	01/06/13	1
a,a,a-Trifluorotoluene	108.		% Rec.	8260B	01/06/13	1
4-Bromofluorobenzene	109.		% Rec.	8260B	01/06/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

January 10,2013

ESC Sample # : L613989-04

Date Received : January 04, 2013
Description :

Site ID : SIMPSONVILLE, SC

Sample ID : MW-14

Project # : BEA 414-26

Collected By : B. Rambo
Collection Date : 01/03/13 11:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Bromodichloromethane	BDL	1.0	ug/l	8260B	01/06/13	1
Bromoform	BDL	1.0	ug/l	8260B	01/06/13	1
Bromomethane	BDL	5.0	ug/l	8260B	01/06/13	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	01/06/13	1
Chloroethane	BDL	5.0	ug/l	8260B	01/06/13	1
Chloroform	BDL	5.0	ug/l	8260B	01/06/13	1
Chloromethane	BDL	2.5	ug/l	8260B	01/06/13	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethane	21.	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethene	2.0	1.0	ug/l	8260B	01/06/13	1
cis-1,2-Dichloroethene	6.8	1.0	ug/l	8260B	01/06/13	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	01/06/13	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
Methylene Chloride	BDL	5.0	ug/l	8260B	01/06/13	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Tetrachloroethene	46.	1.0	ug/l	8260B	01/06/13	1
1,1,1-Trichloroethane	1.8	1.0	ug/l	8260B	01/06/13	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Trichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
Vinyl chloride	BDL	1.0	ug/l	8260B	01/06/13	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	01/06/13	1
Dibromofluoromethane	94.9		% Rec.	8260B	01/06/13	1
a,a,a-Trifluorotoluene	108.		% Rec.	8260B	01/06/13	1
4-Bromofluorobenzene	108.		% Rec.	8260B	01/06/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

January 10,2013

ESC Sample # : L613989-05

Date Received : January 04, 2013
Description :

Site ID : SIMPSONVILLE, SC

Sample ID : MW-6

Project # : BEA 414-26

Collected By : B. Rambo
Collection Date : 01/03/13 11:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Bromodichloromethane	BDL	1.0	ug/l	8260B	01/06/13	1
Bromoform	BDL	1.0	ug/l	8260B	01/06/13	1
Bromomethane	BDL	5.0	ug/l	8260B	01/06/13	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	01/06/13	1
Chloroethane	BDL	5.0	ug/l	8260B	01/06/13	1
Chloroform	BDL	5.0	ug/l	8260B	01/06/13	1
Chloromethane	BDL	2.5	ug/l	8260B	01/06/13	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethene	29.	1.0	ug/l	8260B	01/06/13	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	01/06/13	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
Methylene Chloride	BDL	5.0	ug/l	8260B	01/06/13	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Tetrachloroethene	480	10.	ug/l	8260B	01/07/13	10
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Trichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
Vinyl chloride	BDL	1.0	ug/l	8260B	01/06/13	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	01/06/13	1
Dibromofluoromethane	94.3		% Rec.	8260B	01/06/13	1
a,a,a-Trifluorotoluene	109.		% Rec.	8260B	01/06/13	1
4-Bromofluorobenzene	104.		% Rec.	8260B	01/06/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

January 10,2013

ESC Sample # : L613989-06

Date Received : January 04, 2013
Description :

Site ID : SIMPSONVILLE, SC

Sample ID : MW-15

Project # : BEA 414-26

Collected By : B. Rambo
Collection Date : 01/03/13 12:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Bromodichloromethane	BDL	1.0	ug/l	8260B	01/06/13	1
Bromoform	BDL	1.0	ug/l	8260B	01/06/13	1
Bromomethane	BDL	5.0	ug/l	8260B	01/06/13	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	01/06/13	1
Chloroethane	BDL	5.0	ug/l	8260B	01/06/13	1
Chloroform	BDL	5.0	ug/l	8260B	01/06/13	1
Chloromethane	BDL	2.5	ug/l	8260B	01/06/13	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1-Dichloroethene	1.5	1.0	ug/l	8260B	01/06/13	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	01/06/13	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/06/13	1
Methylene Chloride	BDL	5.0	ug/l	8260B	01/06/13	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Tetrachloroethene	7.8	1.0	ug/l	8260B	01/07/13	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	01/06/13	1
Trichloroethene	BDL	1.0	ug/l	8260B	01/06/13	1
Vinyl chloride	BDL	1.0	ug/l	8260B	01/06/13	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	01/06/13	1
Dibromofluoromethane	97.2		% Rec.	8260B	01/06/13	1
a,a,a-Trifluorotoluene	108.		% Rec.	8260B	01/06/13	1
4-Bromofluorobenzene	109.		% Rec.	8260B	01/06/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.
.
Reported: 01/10/13 11:09 Printed: 01/10/13 14:37

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Robert Workman
CRB Geological & Env Services Inc -
5000 Old Buncombe Road, Suite 27-28
Greenville, SC 29617

January 10,2013

ESC Sample # : L613989-07

Date Received : January 04, 2013
Description :

Site ID : SIMPSONVILLE, SC

Sample ID : MW-11D

Project # : BEA 414-26

Collected By : B. Rambo
Collection Date : 01/03/13 14:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Bromodichloromethane	BDL	1.0	ug/l	8260B	01/07/13	1
Bromoform	BDL	1.0	ug/l	8260B	01/07/13	1
Bromomethane	BDL	5.0	ug/l	8260B	01/07/13	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	01/07/13	1
Chlorobenzene	BDL	1.0	ug/l	8260B	01/07/13	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	01/07/13	1
Chloroethane	BDL	5.0	ug/l	8260B	01/07/13	1
Chloroform	BDL	5.0	ug/l	8260B	01/07/13	1
Chloromethane	BDL	2.5	ug/l	8260B	01/07/13	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/07/13	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/07/13	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	01/07/13	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	01/07/13	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	01/07/13	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	01/07/13	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/07/13	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	01/07/13	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	01/07/13	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/07/13	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	01/07/13	1
Methylene Chloride	BDL	5.0	ug/l	8260B	01/07/13	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	01/07/13	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	01/07/13	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	01/07/13	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	01/07/13	1
Trichloroethene	BDL	1.0	ug/l	8260B	01/07/13	1
Vinyl chloride	BDL	1.0	ug/l	8260B	01/07/13	1
Surrogate Recovery						
Toluene-d8	97.3		% Rec.	8260B	01/07/13	1
Dibromofluoromethane	93.2		% Rec.	8260B	01/07/13	1
a,a,a-Trifluorotoluene	111.		% Rec.	8260B	01/07/13	1
4-Bromofluorobenzene	98.9		% Rec.	8260B	01/07/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 01/10/13 11:09 Printed: 01/10/13 14:37

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L613989-01	WG631290	SAMP	Total Solids	R2502077	T8

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
T8	(ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

G247

Chain of Custody Page 1 of 1

BHR 1/3/13

CRB Geological & Env Services Inc - SC

5000 Old Buncombe Road, Suite 27-281
Greenville,SC 29617

Billing information:
Project Manager
8744 SW 133rd Street
Miami,FL 33176

ESC LABORATORY SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: Mr. Robert Workman
Email: rworkman@crbgeo.net,blivie
Project Description:
City/State Collected:
Phone: (864) 283-2000
FAX:
Client Project #: BEA 414-26
Lab Project #: CRBGEOGSC-BEA 414-26
Collected by (print): B. RAMBO
Site/Facility ID#: SIMPSONVILLE, SC
P.O.#:
Collected by (signature):
Immediately Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
__ Same Day 200%
__ Next Day 100%
__ Two Day 50%
__ Three Day 25%

Date Results Needed
Email? __No X Yes
FAX? __No __Yes

Acctnum: CRBGEOGSC (lab use only)
Template/Prelogin: T83447/ P414560
Cooler #: 12-5-12 GK
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260SC 40mlAmb-NoPres VOH	8260 VOH JAR - NO PRES						Remarks/Contaminant	Sample # (lab only)
DRUM	COMP	SS	—	12/18/12	1600	01	X	X						L613189	-01
MW-12	GRAB	GW	—	1/3/13	1010	3	X								-02
MW-13		GW	—		1040	3	X								-03
MW-14		GW	—		1100	3	X								-04
MW-6		GW	—		1140	3	X								-05
MW-15		GW	—		1250	3	X								-06
MW-11D		GW	—		1450	3	X								-07
		GW				3	X								
		GW				3	X								

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: CRBGEOSC 120412S2

Flow _____ Other _____

5040 0619 3823

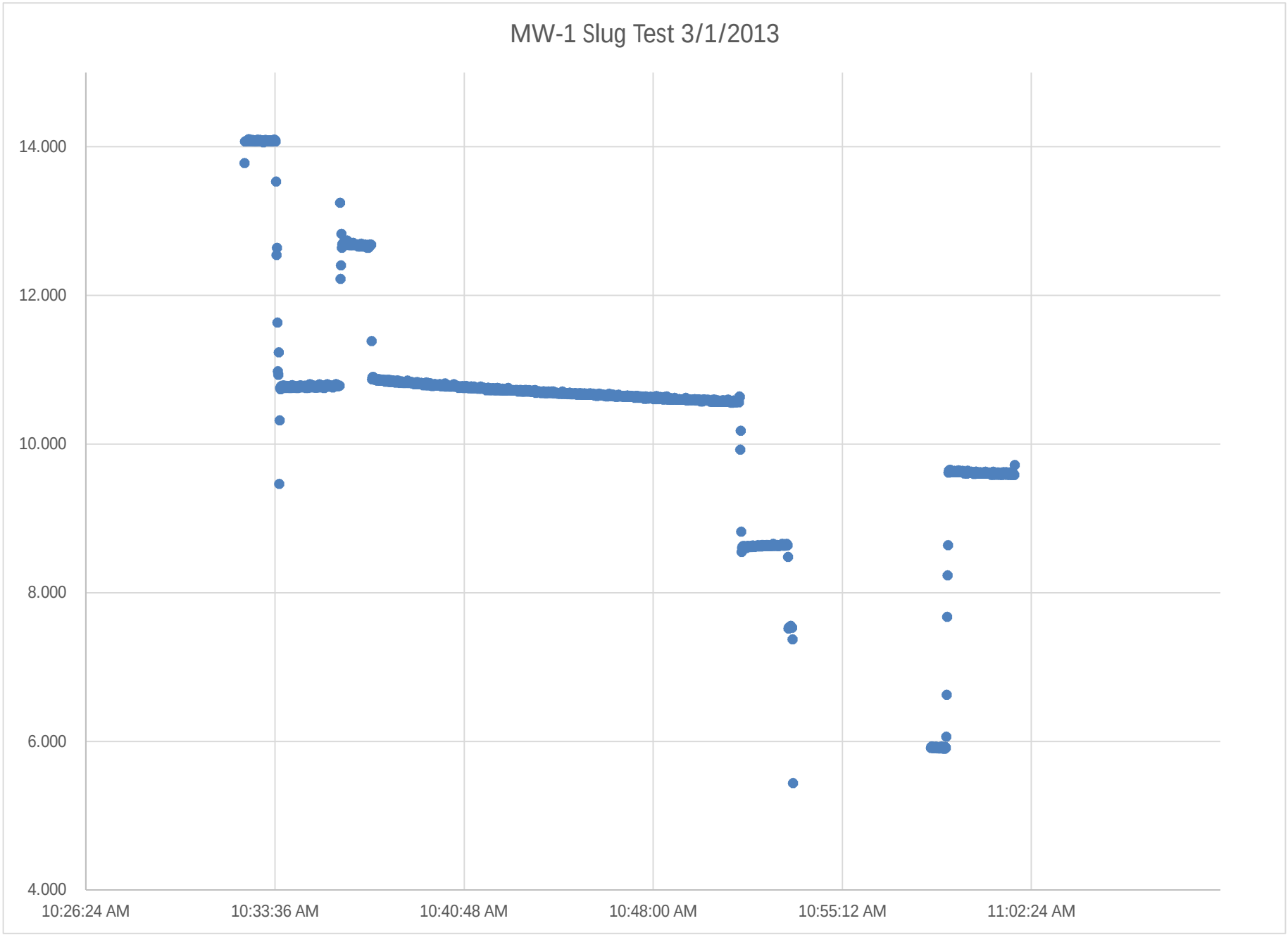
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	1/3/13	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

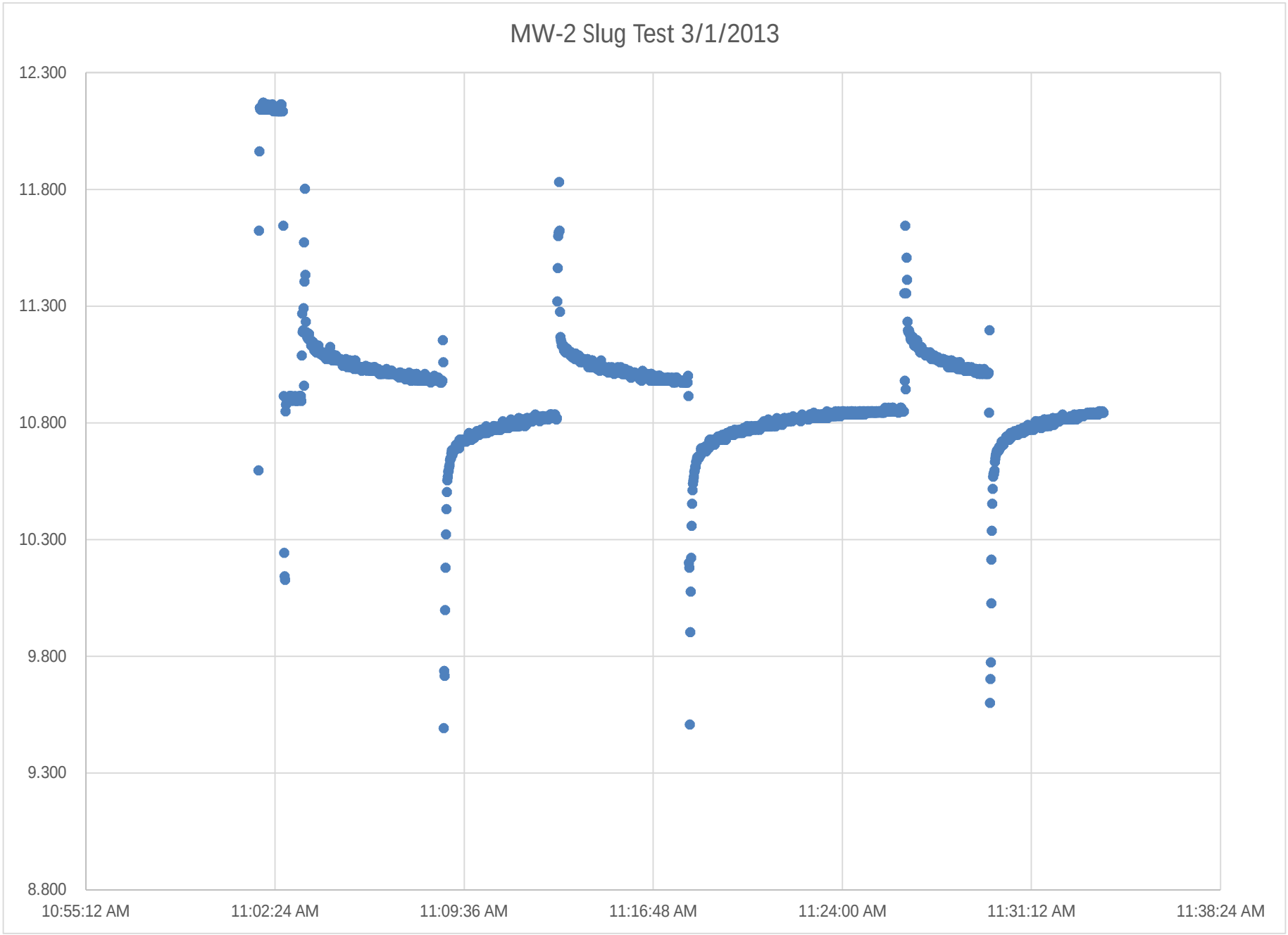
Samples returned via: ☐ UPS ☐ FedEx ☑ Courier ☐
Temp: 3.1c Bottles Received: 19+1TB
Date: 1/4/13 Time: 0900

Condition: OK TB (lab use only)
COC Seal Intact: ___ Y ___ N ✓ NA
pH Checked: NCF:

APPENDIX VII

SLUG TEST ANALYSIS & DATA


MW-1 Slug Test 3/1/2013
14.000
12.000
10.000
8.000
6.000
4.000
10:26:24 AM
10:33:36 AM
10:40:48 AM
10:48:00 AM
10:55:12 AM
11:02:24 AM


MW-2 Slug Test 3/1/2013
12.300
11.800
11.300
10.800
10.300
9.800
9.300
8.800
10:55:12 AM
11:02:24 AM
11:09:36 AM
11:16:48 AM
11:24:00 AM
11:31:12 AM
11:38:24 AM

Analysis of a Slug Test, Bouwer & Rice, 1989

Well ID: MW-2 Site: BEA 414-26

Initials: RW/BR Date: 3/1/2013

Test Data (ft, cf)

Initial DTW:	24.41	Slug Volume (V_s):	0.026
displacement (h_o):	-1.57	Predicted Disp. (h_{op}):	1.19

Use h_{op} instead of h_o if $h_o < h_{op}$

Well Data (ft)

Casing elevation:	-	Aquifer thickness (b):	36
Length of Screen (L_e):	40	Radius of Casing (r_c):	0.083
Water Column: (L_w):	34.2	Radius of well bore(R):	0.333
Depth of Well:	58.61		

Hydraulic Conductivity K= 4.81 ft/day

Time in seconds	Time since start *minutes*	Depth to water *(dtw)* ft	Head in well *dtw-initial depth* *h*	Head ratio h/h_o
starting	0	24.41	0.00	0.00
0	0.00	25.98	-1.57	1.00
1	0.02	25.73	-1.32	0.84
2	0.03	25.75	-1.34	0.86
3	0.05	25.47	-1.06	0.68
4	0.07	25.29	-0.88	0.56
5	0.08	25.15	-0.74	0.47
6	0.10	25.04	-0.63	0.40
7	0.12	24.97	-0.56	0.35
8	0.13	24.92	-0.51	0.32
9	0.15	24.90	-0.49	0.31
10	0.17	24.88	-0.47	0.30
11	0.18	24.87	-0.46	0.29
12	0.20	24.86	-0.45	0.29
13	0.22	24.85	-0.44	0.28
14	0.23	24.83	-0.42	0.27
15	0.25	24.82	-0.41	0.26
16	0.27	24.82	-0.41	0.26
17	0.28	24.80	-0.39	0.25
18	0.30	24.79	-0.38	0.24
19	0.32	24.81	-0.40	0.25
20	0.33	24.80	-0.39	0.25
21	0.35	24.79	-0.38	0.24
22	0.37	24.79	-0.38	0.24
23	0.38	24.79	-0.38	0.24
24	0.40	24.79	-0.38	0.24
25	0.42	24.79	-0.38	0.24
26	0.43	24.78	-0.37	0.24
27	0.45	24.76	-0.35	0.23
28	0.47	24.78	-0.37	0.24
29	0.48	24.78	-0.37	0.24
30	0.50	24.77	-0.36	0.23
31	0.52	24.78	-0.37	0.24
32	0.53	24.78	-0.37	0.24
33	0.55	24.76	-0.35	0.23

Analysis of a Slug Test, Bouwer & Rice, 1989

Site: BEA 414-26 Date: 3/1/2013

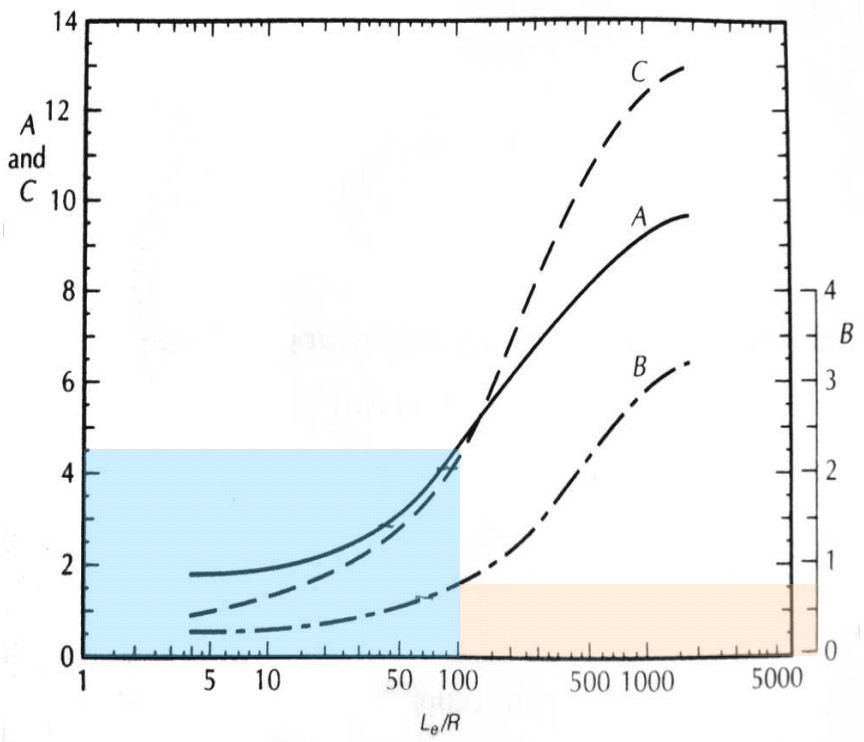
Well ID: MW-2

PARTIAL PENETRATION: FULL PENETRATION:

rc=	0.083	ft
H=	24.41	ft
rw=	0.33	ft
L=	34.2	ft
b=	36	ft
A=	4.5	
B=	0.7	
t=	0.25	min
y0=	1	ft
yt=	0.1	ft
L/rw=	102.60	
ln(Re/rw)=	3.084	
K=	4.2	ft/day

CORRECTED "rc" FOR FILTER PACK:

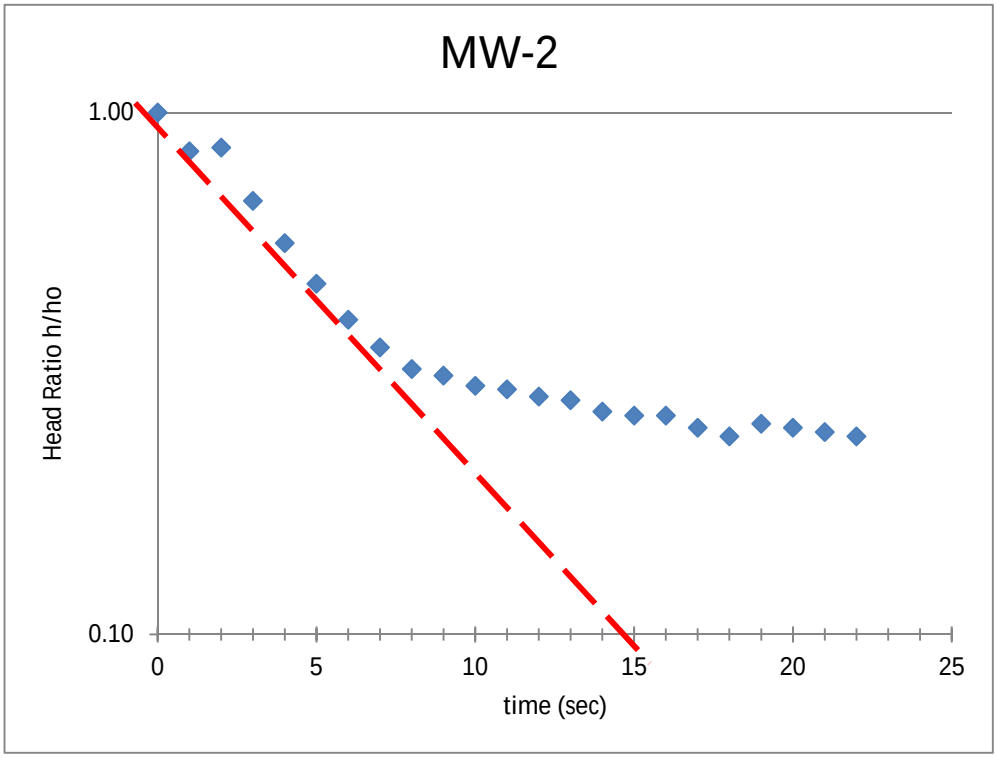
n=	0.01	
rc=	0.089	ft
ln(Re/rw)=	3.084	
K=	4.8	ft/day



Parameter Values at Le/R = 102.60

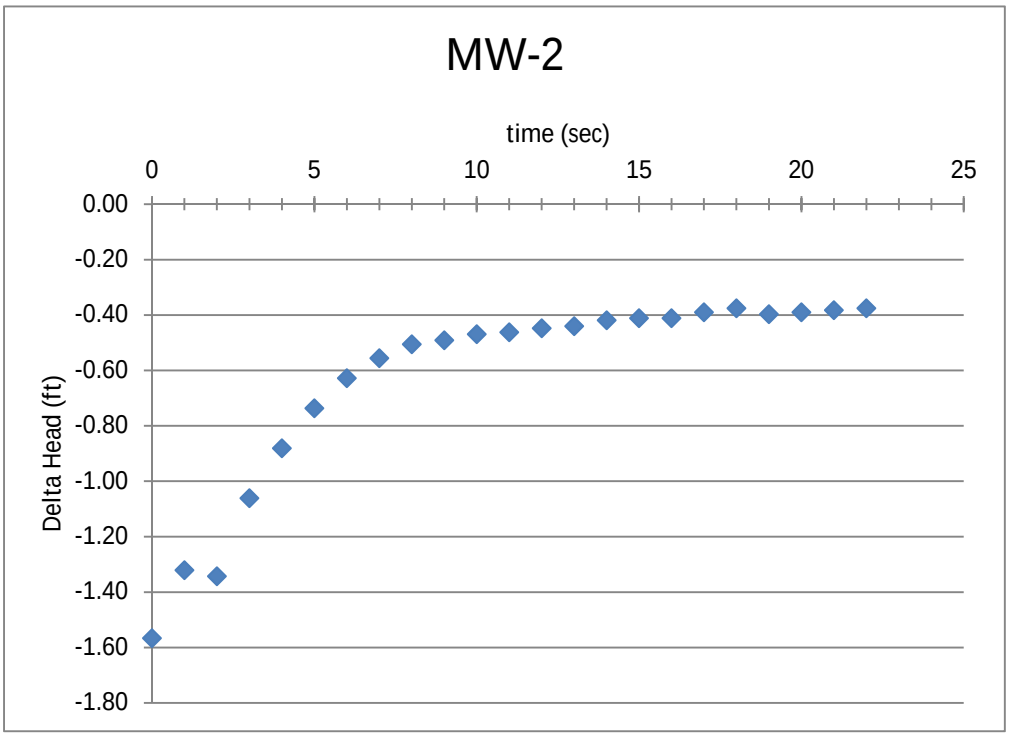
A=	4.5
B=	0.7
C=	4

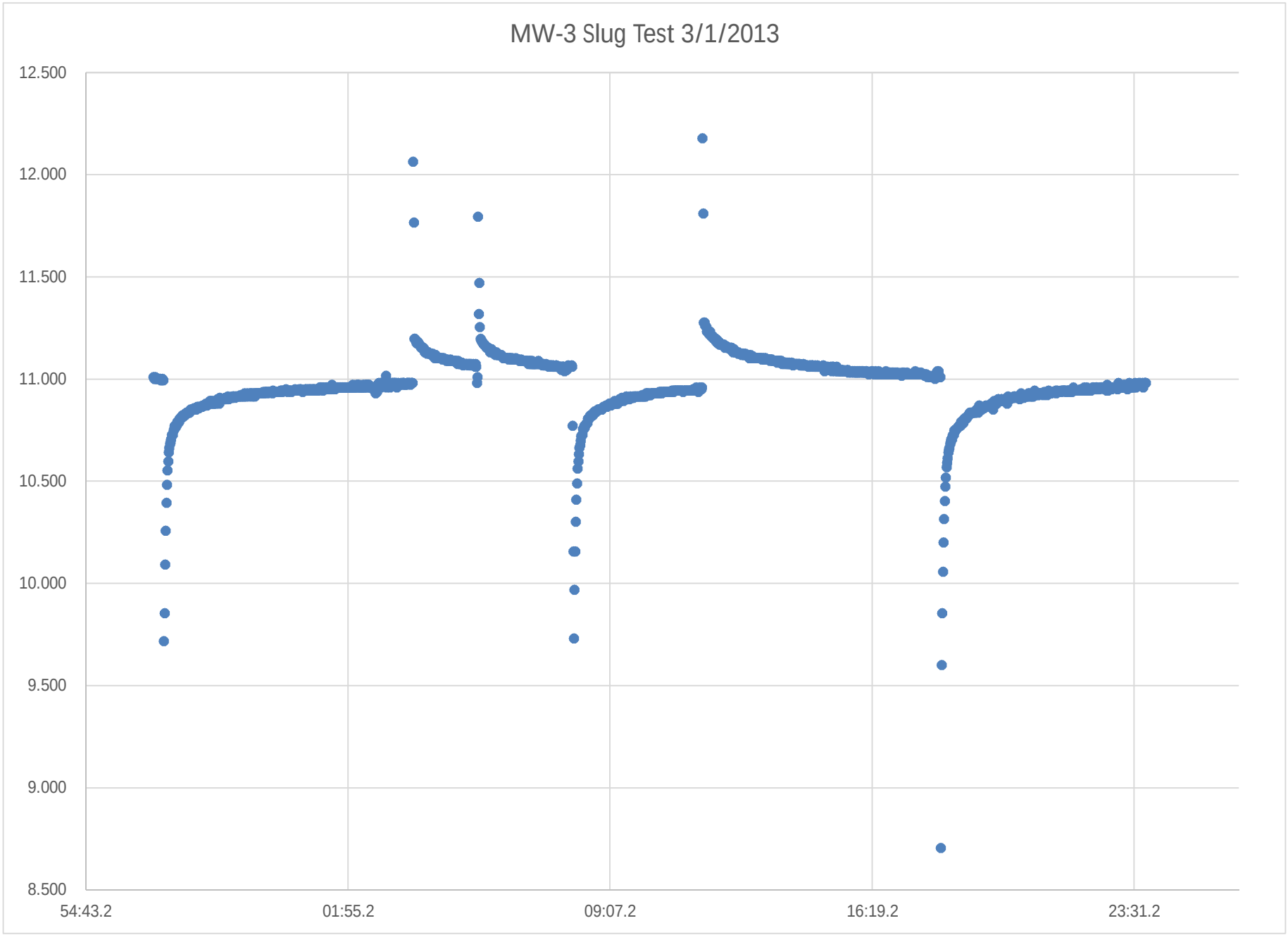
Analysis of a Slug Test, Bouwer & Rice, 1989



Graphic Analysis of Regression Curve

time *t*=	14.9	seconds
head h/h_0 =	0.1	




MW-3 Slug Test 3/1/2013
12.500
12.000
11.500
11.000
10.500
10.000
9.500
9.000
8.500
54:43.2
01:55.2
09:07.2
16:19.2
23:31.2

Analysis of a Slug Test, Bouwer & Rice, 1989

Well ID: MW-3 Site: BEA 414-26

Initials: RW/BR Date: 3/1/2013

Test Data (ft, cf)

Initial DTW:	22.32	Slug Volume (V_s):	0.026
displacement (h_o):	-1.28	Predicted Disp. (h_{op}):	1.19

Use h_{op} instead of h_o if $h_o < h_{op}$

Well Data (ft)

Casing elevation:	-	Aquifer thickness (b):	36
Length of Screen (L_e):	40	Radius of Casing (r_c):	0.083
Water Column: (L_w):	37.83	Radius of well bore(R):	0.333
Depth of Well:	60.15		

Hydraulic Conductivity K= 5.27 ft/day

Time in seconds	Time since start *minutes*	Depth to water *(dtw)* ft	Head in well *dtw-initial depth* *h*	Head ratio h/h_o
starting	0	22.32	0.00	0.00
0	0.00	23.60	-1.28	1.00
1	0.02	23.46	-1.14	0.89
2	0.03	23.22	-0.90	0.71
3	0.05	23.06	-0.74	0.58
4	0.07	22.92	-0.60	0.47
5	0.08	22.83	-0.51	0.40
6	0.10	22.76	-0.44	0.34
7	0.12	22.72	-0.40	0.31
8	0.13	22.67	-0.35	0.28
9	0.15	22.65	-0.33	0.26
10	0.17	22.63	-0.31	0.24
11	0.18	22.62	-0.30	0.24
12	0.20	22.61	-0.29	0.23
13	0.22	22.59	-0.27	0.21
14	0.23	22.59	-0.27	0.21
15	0.25	22.59	-0.27	0.21
16	0.27	22.57	-0.25	0.19
17	0.28	22.56	-0.24	0.19
18	0.30	22.54	-0.22	0.18
19	0.32	22.55	-0.23	0.18
20	0.33	22.54	-0.22	0.18
21	0.35	22.54	-0.22	0.18
22	0.37	22.52	-0.20	0.16
23	0.38	22.52	-0.20	0.16
24	0.40	22.53	-0.21	0.16
25	0.42	22.52	-0.20	0.16
26	0.43	22.51	-0.19	0.15
27	0.45	22.51	-0.19	0.15
28	0.47	22.50	-0.18	0.14
29	0.48	22.50	-0.18	0.14
30	0.50	22.49	-0.17	0.14
31	0.52	22.50	-0.18	0.14
32	0.53	22.49	-0.17	0.14
33	0.55	22.49	-0.17	0.14

Analysis of a Slug Test, Bouwer & Rice, 1989

Site: BEA 414-26 Date: 3/1/2013

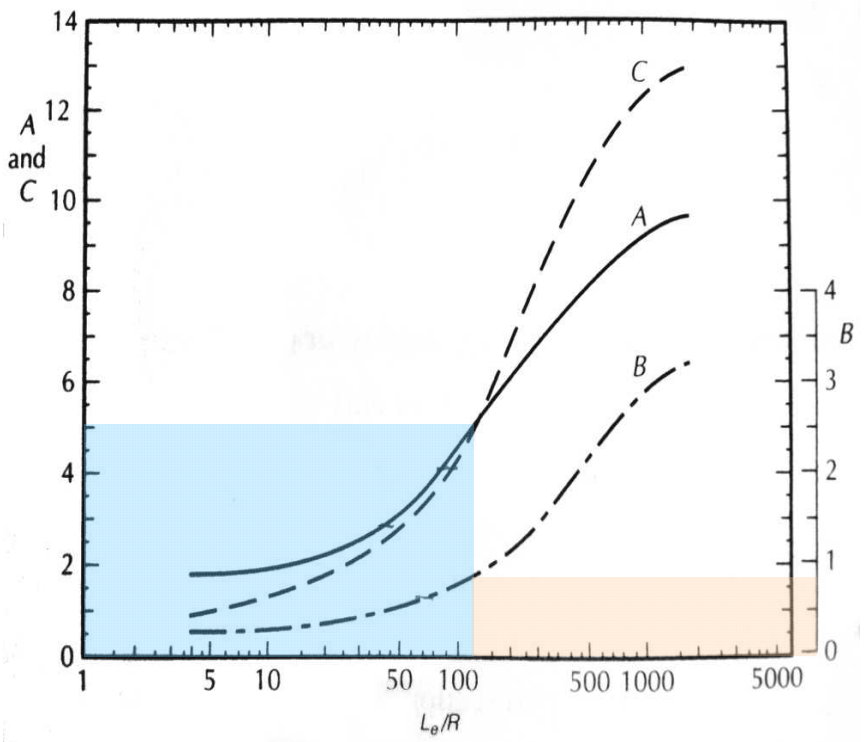
Well ID: MW-3

PARTIAL PENETRATION: FULL PENETRATION:

rc=	0.083	ft
H=	22.32	ft
rw=	0.33	ft
L=	37.83	ft
b=	36	ft
A=	5	
B=	0.8	
t=	0.20	min
y0=	1	ft
yt=	0.1	ft
L/rw=	113.49	
ln(Re/rw)=	3.013	
K=	4.6	ft/day

CORRECTED "rc" FOR FILTER PACK:

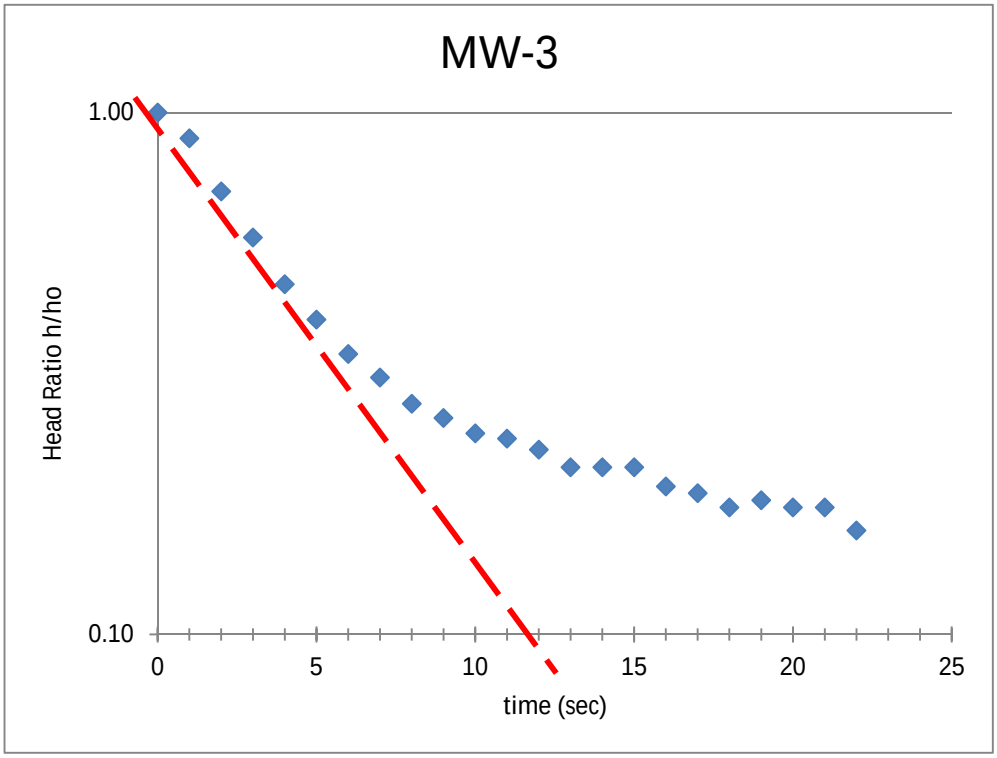
n=	0.01	
rc=	0.089	ft
ln(Re/rw)=	3.013	
K=	5.3	ft/day



Parameter Values at Le/R = 113.49

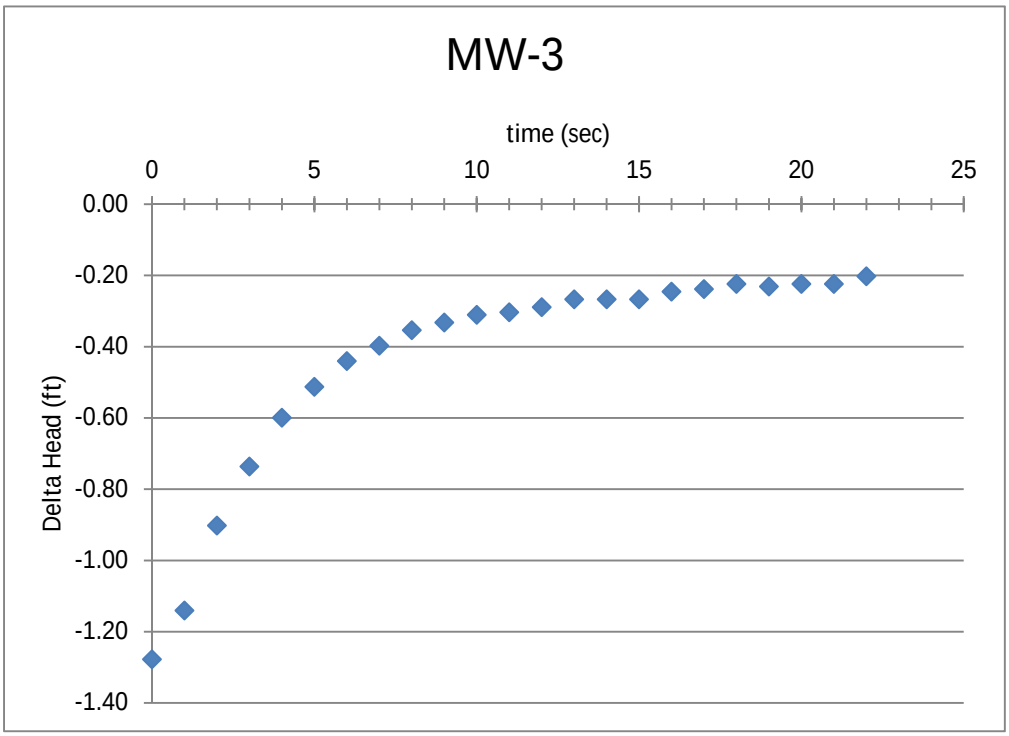
A=	5
B=	0.8
C=	5

Analysis of a Slug Test, Bouwer & Rice, 1989



Graphic Analysis of Regression Curve

time *t*=	12	seconds
head h/h_0 =	0.1	



OM-PL420: mw3-1-2; 4-20ma Data Logger. Sample Interval Is 1 Secs. Logging Started At: 9:56 AM, 3/1/2013

Samp #	Current (ma)	4mA offset	% range	psi	Date Time	ft water (2.31)		
0	19.25	15.25	0.953	4.766	9:56:35 AM	11.009	MW-3	
1	19.24	15.24	0.953	4.763	9:56:36 AM	11.001		
2	19.24	15.24	0.953	4.763	9:56:37 AM	11.001		
3	19.25	15.25	0.953	4.766	9:56:38 AM	11.009		
4	19.24	15.24	0.953	4.763	9:56:39 AM	11.001		
5	19.24	15.24	0.953	4.763	9:56:40 AM	11.001		
6	19.24	15.24	0.953	4.763	9:56:41 AM	11.001		
7	19.24	15.24	0.953	4.763	9:56:42 AM	11.001		
8	19.24	15.24	0.953	4.763	9:56:43 AM	11.001		
9	19.24	15.24	0.953	4.763	9:56:44 AM	11.001		
10	19.24	15.24	0.953	4.763	9:56:45 AM	11.001		
11	19.24	15.24	0.953	4.763	9:56:46 AM	11.001		
12	19.23	15.23	0.952	4.759	9:56:47 AM	10.994		
13	19.23	15.23	0.952	4.759	9:56:48 AM	10.994		
14	19.23	15.23	0.952	4.759	9:56:49 AM	10.994		
15	19.24	15.24	0.953	4.763	9:56:50 AM	11.001		
16	19.23	15.23	0.952	4.759	9:56:51 AM	10.994		
17	17.46	13.46	0.841	4.206	9:56:52 AM	9.716	max displ	1.284938
18	17.65	13.65	0.853	4.266	9:56:53 AM	9.854		
19	17.98	13.98	0.874	4.369	9:56:54 AM	10.092		
20	18.21	14.21	0.888	4.441	9:56:55 AM	10.258		
21	18.4	14.4	0.900	4.500	9:56:56 AM	10.395		
22	18.52	14.52	0.908	4.538	9:56:57 AM	10.482		
23	18.62	14.62	0.914	4.569	9:56:58 AM	10.554		
24	18.68	14.68	0.918	4.588	9:56:59 AM	10.597		
25	18.74	14.74	0.921	4.606	9:57:00 AM	10.640		
26	18.77	14.77	0.923	4.616	9:57:01 AM	10.662		
27	18.8	14.8	0.925	4.625	9:57:02 AM	10.684		
28	18.81	14.81	0.926	4.628	9:57:03 AM	10.691		
29	18.83	14.83	0.927	4.634	9:57:04 AM	10.705		
30	18.86	14.86	0.929	4.644	9:57:05 AM	10.727		
31	18.86	14.86	0.929	4.644	9:57:06 AM	10.727		
32	18.86	14.86	0.929	4.644	9:57:07 AM	10.727		
33	18.89	14.89	0.931	4.653	9:57:08 AM	10.749		
34	18.9	14.9	0.931	4.656	9:57:09 AM	10.756		
35	18.92	14.92	0.933	4.663	9:57:10 AM	10.770		
36	18.91	14.91	0.932	4.659	9:57:11 AM	10.763		
37	18.92	14.92	0.933	4.663	9:57:12 AM	10.770		
38	18.92	14.92	0.933	4.663	9:57:13 AM	10.770		
39	18.95	14.95	0.934	4.672	9:57:14 AM	10.792		
40	18.95	14.95	0.934	4.672	9:57:15 AM	10.792		
41	18.94	14.94	0.934	4.669	9:57:16 AM	10.785		
42	18.95	14.95	0.934	4.672	9:57:17 AM	10.792		
43	18.97	14.97	0.936	4.678	9:57:18 AM	10.806		
44	18.97	14.97	0.936	4.678	9:57:19 AM	10.806		
45	18.98	14.98	0.936	4.681	9:57:20 AM	10.814		
46	18.98	14.98	0.936	4.681	9:57:21 AM	10.814		
47	18.99	14.99	0.937	4.684	9:57:22 AM	10.821		
48	18.98	14.98	0.936	4.681	9:57:23 AM	10.814		
49	18.99	14.99	0.937	4.684	9:57:24 AM	10.821		
50	18.99	14.99	0.937	4.684	9:57:25 AM	10.821		
51	19	15	0.938	4.688	9:57:26 AM	10.828		
52	18.99	14.99	0.937	4.684	9:57:27 AM	10.821		
53	19	15	0.938	4.688	9:57:28 AM	10.828		
54	19.01	15.01	0.938	4.691	9:57:29 AM	10.835		
55	19.01	15.01	0.938	4.691	9:57:30 AM	10.835		
56	19.01	15.01	0.938	4.691	9:57:31 AM	10.835		
57	19.01	15.01	0.938	4.691	9:57:32 AM	10.835		
58	19.01	15.01	0.938	4.691	9:57:33 AM	10.835		
59	19.01	15.01	0.938	4.691	9:57:34 AM	10.835		
60	19.02	15.02	0.939	4.694	9:57:35 AM	10.843		
61	19.03	15.03	0.939	4.697	9:57:36 AM	10.850		
62	19.03	15.03	0.939	4.697	9:57:37 AM	10.850		
63	19.03	15.03	0.939	4.697	9:57:38 AM	10.850		
64	19.03	15.03	0.939	4.697	9:57:39 AM	10.850		
65	19.03	15.03	0.939	4.697	9:57:40 AM	10.850		
66	19.03	15.03	0.939	4.697	9:57:41 AM	10.850		
67	19.04	15.04	0.940	4.700	9:57:42 AM	10.857		
68	19.03	15.03	0.939	4.697	9:57:43 AM	10.850		
69	19.03	15.03	0.939	4.697	9:57:44 AM	10.850		
70	19.03	15.03	0.939	4.697	9:57:45 AM	10.850		
71	19.04	15.04	0.940	4.700	9:57:46 AM	10.857		
72	19.05	15.05	0.941	4.703	9:57:47 AM	10.864		
73	19.04	15.04	0.940	4.700	9:57:48 AM	10.857		
74	19.05	15.05	0.941	4.703	9:57:49 AM	10.864		
75	19.04	15.04	0.940	4.700	9:57:50 AM	10.857		
76	19.05	15.05	0.941	4.703	9:57:51 AM	10.864		
77	19.05	15.05	0.941	4.703	9:57:52 AM	10.864		
78	19.05	15.05	0.941	4.703	9:57:53 AM	10.864		
79	19.05	15.05	0.941	4.703	9:57:54 AM	10.864		
80	19.05	15.05	0.941	4.703	9:57:55 AM	10.864		
81	19.06	15.06	0.941	4.706	9:57:56 AM	10.871		
82	19.06	15.06	0.941	4.706	9:57:57 AM	10.871		
83	19.06	15.06	0.941	4.706	9:57:58 AM	10.871		
84	19.06	15.06	0.941	4.706	9:57:59 AM	10.871		
85	19.06	15.06	0.941	4.706	9:58:00 AM	10.871		
86	19.07	15.07	0.942	4.709	9:58:01 AM	10.879		
87	19.06	15.06	0.941	4.706	9:58:02 AM	10.871		
88	19.06	15.06	0.941	4.706	9:58:03 AM	10.871		
89	19.07	15.07	0.942	4.709	9:58:04 AM	10.879		
90	19.07	15.07	0.942	4.709	9:58:05 AM	10.879		
91	19.07	15.07	0.942	4.709	9:58:06 AM	10.879		
92	19.07	15.07	0.942	4.709	9:58:07 AM	10.879		
93	19.09	15.09	0.943	4.716	9:58:08 AM	10.893		
94	19.09	15.09	0.943	4.716	9:58:09 AM	10.893		
95	19.07	15.07	0.942	4.709	9:58:10 AM	10.879		
96	19.09	15.09	0.943	4.716	9:58:11 AM	10.893		
97	19.07	15.07	0.942	4.709	9:58:12 AM	10.879		
98	19.07	15.07	0.942	4.709	9:58:13 AM	10.879		
99	19.07	15.07	0.942	4.709	9:58:14 AM	10.879		
100	19.07	15.07	0.942	4.709	9:58:15 AM	10.879		
101	19.09	15.09	0.943	4.716	9:58:16 AM	10.893		
102	19.07	15.07	0.942	4.709	9:58:17 AM	10.879		
103	19.09	15.09	0.943	4.716	9:58:18 AM	10.893		
104	19.09	15.09	0.943	4.716	9:58:19 AM	10.893		
105	19.1	15.1	0.944	4.719	9:58:20 AM	10.900		
106	19.1	15.1	0.944	4.719	9:58:21 AM	10.900		
107	19.09	15.09	0.943	4.716	9:58:22 AM	10.893		
108	19.07	15.07	0.942	4.709	9:58:23 AM	10.879		
109	19.11	15.11	0.944	4.722	9:58:24 AM	10.908		
110	19.09	15.09	0.943	4.716	9:58:25 AM	10.893		
111	19.1	15.1	0.944	4.719	9:58:26 AM	10.900		
112	19.1	15.1	0.944	4.719	9:58:27 AM	10.900		
113	19.1	15.1	0.944	4.719	9:58:28 AM	10.900		
114	19.1	15.1	0.944	4.719	9:58:29 AM	10.900		
115	19.1	15.1	0.944	4.719	9:58:30 AM	10.900		
116	19.1	15.1	0.944	4.719	9:58:31 AM	10.900		
117	19.1	15.1	0.944	4.719	9:58:32 AM	10.900		
118	19.11	15.11	0.944	4.722	9:58:33 AM	10.908		
119	19.11	15.11	0.944	4.722	9:58:34 AM	10.908		
120	19.11	15.11	0.944	4.722	9:58:35 AM	10.908		
121	19.1	15.1	0.944	4.719	9:58:36 AM	10.900		
122	19.12	15.12	0.945	4.725	9:58:37 AM	10.915		
123	19.11	15.11	0.944	4.722	9:58:38 AM	10.908		
124	19.1	15.1	0.944	4.719	9:58:39 AM	10.900		
125	19.11	15.11	0.944	4.722	9:58:40 AM	10.908		
126	19.11	15.11	0.944	4.722	9:58:41 AM	10.908		
127	19.11	15.11	0.944	4.722	9:58:42 AM	10.908		
128	19.11	15.11	0.944	4.722	9:58:43 AM	10.908		
129	19.11	15.11	0.944	4.722	9:58:44 AM	10.908		
130	19.12	15.12	0.945	4.725	9:58:45 AM	10.915		
131	19.12	15.12	0.945	4.725	9:58:46 AM	10.915		
132	19.12	15.12	0.945	4.725	9:58:47 AM	10.915		
133	19.12	15.12	0.945	4.725	9:58:48 AM	10.915		
134	19.11	15.11	0.944	4.722	9:58:49 AM	10.908		
135	19.12	15.12	0.945	4.725	9:58:50 AM	10.915		
136	19.12	15.12	0.945	4.725	9:58:51 AM	10.915		
137	19.12	15.12	0.945	4.725	9:58:52 AM	10.915		
138	19.12	15.12	0.945	4.725	9:58:53 AM	10.915		
139	19.12	15.12	0.945	4.725	9:58:54 AM	10.915		
140	19.12	15.12	0.945	4.725	9:58:55 AM	10.915		
141	19.12	15.12	0.945	4.725	9:58:56 AM	10.915		
142	19.12	15.12	0.945	4.725	9:58:57 AM	10.915		
143	19.13	15.13	0.946	4.728	9:58:58 AM	10.922		
144	19.12	15.12	0.945	4.725	9:58:59 AM	10.915		
145	19.12	15.12	0.945	4.725	9:59:00 AM	10.915		
146	19.12	15.12	0.945	4.725	9:59:01 AM	10.915		
147	19.13	15.13	0.946	4.728	9:59:02 AM	10.922		
148	19.12	15.12	0.945	4.725	9:59:03 AM	10.915		
149	19.12	15.12	0.945	4.725	9:59:04 AM	10.915		
150	19.14	15.14	0.946	4.731	9:59:05 AM	10.929		
151	19.12	15.12	0.945	4.725	9:59:06 AM	10.915		
152	19.13	15.13	0.946	4.728	9:59:07 AM	10.922		
153	19.12	15.12	0.945	4.725	9:59:08 AM	10.915		
154	19.14	15.14	0.946	4.731	9:59:09 AM	10.929		
155	19.13	15.13	0.946	4.728	9:59:10 AM	10.922		
156	19.13	15.13	0.946	4.728	9:59:11 AM	10.922		
157	19.12	15.12	0.945	4.725	9:59:12 AM	10.915		
158	19.13	15.13	0.946	4.728	9:59:13 AM	10.922		

159	19.14	15.14	0.946	4.731	9:59:14 AM	10.929
160	19.14	15.14	0.946	4.731	9:59:15 AM	10.929
161	19.14	15.14	0.946	4.731	9:59:16 AM	10.929
162	19.12	15.12	0.945	4.725	9:59:17 AM	10.915
163	19.13	15.13	0.946	4.728	9:59:18 AM	10.922
164	19.14	15.14	0.946	4.731	9:59:19 AM	10.929
165	19.12	15.12	0.945	4.725	9:59:20 AM	10.915
166	19.14	15.14	0.946	4.731	9:59:21 AM	10.929
167	19.12	15.12	0.945	4.725	9:59:22 AM	10.915
168	19.14	15.14	0.946	4.731	9:59:23 AM	10.929
169	19.14	15.14	0.946	4.731	9:59:24 AM	10.929
170	19.14	15.14	0.946	4.731	9:59:25 AM	10.929
171	19.14	15.14	0.946	4.731	9:59:26 AM	10.929
172	19.14	15.14	0.946	4.731	9:59:27 AM	10.929
173	19.14	15.14	0.946	4.731	9:59:28 AM	10.929
174	19.14	15.14	0.946	4.731	9:59:29 AM	10.929
175	19.14	15.14	0.946	4.731	9:59:30 AM	10.929
176	19.14	15.14	0.946	4.731	9:59:31 AM	10.929
177	19.14	15.14	0.946	4.731	9:59:32 AM	10.929
178	19.14	15.14	0.946	4.731	9:59:33 AM	10.929
179	19.14	15.14	0.946	4.731	9:59:34 AM	10.929
180	19.15	15.15	0.947	4.734	9:59:35 AM	10.936
181	19.14	15.14	0.946	4.731	9:59:36 AM	10.929
182	19.14	15.14	0.946	4.731	9:59:37 AM	10.929
183	19.15	15.15	0.947	4.734	9:59:38 AM	10.936
184	19.15	15.15	0.947	4.734	9:59:39 AM	10.936
185	19.15	15.15	0.947	4.734	9:59:40 AM	10.936
186	19.15	15.15	0.947	4.734	9:59:41 AM	10.936
187	19.15	15.15	0.947	4.734	9:59:42 AM	10.936
188	19.14	15.14	0.946	4.731	9:59:43 AM	10.929
189	19.15	15.15	0.947	4.734	9:59:44 AM	10.936
190	19.15	15.15	0.947	4.734	9:59:45 AM	10.936
191	19.15	15.15	0.947	4.734	9:59:46 AM	10.936
192	19.15	15.15	0.947	4.734	9:59:47 AM	10.936
193	19.15	15.15	0.947	4.734	9:59:48 AM	10.936
194	19.15	15.15	0.947	4.734	9:59:49 AM	10.936
195	19.15	15.15	0.947	4.734	9:59:50 AM	10.936
196	19.14	15.14	0.946	4.731	9:59:51 AM	10.929
197	19.16	15.16	0.948	4.738	9:59:52 AM	10.944
198	19.15	15.15	0.947	4.734	9:59:53 AM	10.936
199	19.15	15.15	0.947	4.734	9:59:54 AM	10.936
200	19.15	15.15	0.947	4.734	9:59:55 AM	10.936
201	19.15	15.15	0.947	4.734	9:59:56 AM	10.936
202	19.15	15.15	0.947	4.734	9:59:57 AM	10.936
203	19.15	15.15	0.947	4.734	9:59:58 AM	10.936
204	19.15	15.15	0.947	4.734	9:59:59 AM	10.936
205	19.15	15.15	0.947	4.734	10:00:00 AM	10.936
206	19.15	15.15	0.947	4.734	10:00:01 AM	10.936
207	19.15	15.15	0.947	4.734	10:00:02 AM	10.936
208	19.15	15.15	0.947	4.734	10:00:03 AM	10.936
209	19.16	15.16	0.948	4.738	10:00:04 AM	10.944
210	19.15	15.15	0.947	4.734	10:00:05 AM	10.936
211	19.16	15.16	0.948	4.738	10:00:06 AM	10.944
212	19.15	15.15	0.947	4.734	10:00:07 AM	10.936
213	19.16	15.16	0.948	4.738	10:00:08 AM	10.944
214	19.16	15.16	0.948	4.738	10:00:09 AM	10.944
215	19.16	15.16	0.948	4.738	10:00:10 AM	10.944
216	19.16	15.16	0.948	4.738	10:00:11 AM	10.944
217	19.16	15.16	0.948	4.738	10:00:12 AM	10.944
218	19.17	15.17	0.948	4.741	10:00:13 AM	10.951
219	19.16	15.16	0.948	4.738	10:00:14 AM	10.944
220	19.16	15.16	0.948	4.738	10:00:15 AM	10.944
221	19.15	15.15	0.947	4.734	10:00:16 AM	10.936
222	19.16	15.16	0.948	4.738	10:00:17 AM	10.944
223	19.16	15.16	0.948	4.738	10:00:18 AM	10.944
224	19.16	15.16	0.948	4.738	10:00:19 AM	10.944
225	19.16	15.16	0.948	4.738	10:00:20 AM	10.944
226	19.16	15.16	0.948	4.738	10:00:21 AM	10.944
227	19.15	15.15	0.947	4.734	10:00:22 AM	10.936
228	19.16	15.16	0.948	4.738	10:00:23 AM	10.944
229	19.16	15.16	0.948	4.738	10:00:24 AM	10.944
230	19.16	15.16	0.948	4.738	10:00:25 AM	10.944
231	19.16	15.16	0.948	4.738	10:00:26 AM	10.944
232	19.16	15.16	0.948	4.738	10:00:27 AM	10.944
233	19.17	15.17	0.948	4.741	10:00:28 AM	10.951
234	19.16	15.16	0.948	4.738	10:00:29 AM	10.944
235	19.16	15.16	0.948	4.738	10:00:30 AM	10.944
236	19.16	15.16	0.948	4.738	10:00:31 AM	10.944
237	19.16	15.16	0.948	4.738	10:00:32 AM	10.944
238	19.16	15.16	0.948	4.738	10:00:33 AM	10.944
239	19.16	15.16	0.948	4.738	10:00:34 AM	10.944
240	19.17	15.17	0.948	4.741	10:00:35 AM	10.951
241	19.16	15.16	0.948	4.738	10:00:36 AM	10.944
242	19.17	15.17	0.948	4.741	10:00:37 AM	10.951
243	19.17	15.17	0.948	4.741	10:00:38 AM	10.951
244	19.16	15.16	0.948	4.738	10:00:39 AM	10.944
245	19.16	15.16	0.948	4.738	10:00:40 AM	10.944
246	19.15	15.15	0.947	4.734	10:00:41 AM	10.936
247	19.16	15.16	0.948	4.738	10:00:42 AM	10.944
248	19.16	15.16	0.948	4.738	10:00:43 AM	10.944
249	19.16	15.16	0.948	4.738	10:00:44 AM	10.944
250	19.17	15.17	0.948	4.741	10:00:45 AM	10.951
251	19.17	15.17	0.948	4.741	10:00:46 AM	10.951
252	19.16	15.16	0.948	4.738	10:00:47 AM	10.944
253	19.17	15.17	0.948	4.741	10:00:48 AM	10.951
254	19.16	15.16	0.948	4.738	10:00:49 AM	10.944
255	19.17	15.17	0.948	4.741	10:00:50 AM	10.951
256	19.16	15.16	0.948	4.738	10:00:51 AM	10.944
257	19.17	15.17	0.948	4.741	10:00:52 AM	10.951
258	19.17	15.17	0.948	4.741	10:00:53 AM	10.951
259	19.16	15.16	0.948	4.738	10:00:54 AM	10.944
260	19.17	15.17	0.948	4.741	10:00:55 AM	10.951
261	19.16	15.16	0.948	4.738	10:00:56 AM	10.944
262	19.17	15.17	0.948	4.741	10:00:57 AM	10.951
263	19.17	15.17	0.948	4.741	10:00:58 AM	10.951
264	19.17	15.17	0.948	4.741	10:00:59 AM	10.951
265	19.17	15.17	0.948	4.741	10:01:00 AM	10.951
266	19.16	15.16	0.948	4.738	10:01:01 AM	10.944
267	19.17	15.17	0.948	4.741	10:01:02 AM	10.951
268	19.16	15.16	0.948	4.738	10:01:03 AM	10.944
269	19.16	15.16	0.948	4.738	10:01:04 AM	10.944
270	19.17	15.17	0.948	4.741	10:01:05 AM	10.951
271	19.17	15.17	0.948	4.741	10:01:06 AM	10.951
272	19.16	15.16	0.948	4.738	10:01:07 AM	10.944
273	19.17	15.17	0.948	4.741	10:01:08 AM	10.951
274	19.18	15.18	0.949	4.744	10:01:09 AM	10.958
275	19.18	15.18	0.949	4.744	10:01:10 AM	10.958
276	19.18	15.18	0.949	4.744	10:01:11 AM	10.958
277	19.17	15.17	0.948	4.741	10:01:12 AM	10.951
278	19.18	15.18	0.949	4.744	10:01:13 AM	10.958
279	19.16	15.16	0.948	4.738	10:01:14 AM	10.944
280	19.18	15.18	0.949	4.744	10:01:15 AM	10.958
281	19.17	15.17	0.948	4.741	10:01:16 AM	10.951
282	19.17	15.17	0.948	4.741	10:01:17 AM	10.951
283	19.18	15.18	0.949	4.744	10:01:18 AM	10.958
284	19.17	15.17	0.948	4.741	10:01:19 AM	10.951
285	19.18	15.18	0.949	4.744	10:01:20 AM	10.958
286	19.18	15.18	0.949	4.744	10:01:21 AM	10.958
287	19.17	15.17	0.948	4.741	10:01:22 AM	10.951
288	19.18	15.18	0.949	4.744	10:01:23 AM	10.958
289	19.18	15.18	0.949	4.744	10:01:24 AM	10.958
290	19.18	15.18	0.949	4.744	10:01:25 AM	10.958
291	19.17	15.17	0.948	4.741	10:01:26 AM	10.951
292	19.18	15.18	0.949	4.744	10:01:27 AM	10.958
293	19.17	15.17	0.948	4.741	10:01:28 AM	10.951
294	19.2	15.2	0.950	4.750	10:01:29 AM	10.973
295	19.18	15.18	0.949	4.744	10:01:30 AM	10.958
296	19.18	15.18	0.949	4.744	10:01:31 AM	10.958
297	19.18	15.18	0.949	4.744	10:01:32 AM	10.958
298	19.18	15.18	0.949	4.744	10:01:33 AM	10.958
299	19.17	15.17	0.948	4.741	10:01:34 AM	10.951
300	19.18	15.18	0.949	4.744	10:01:35 AM	10.958
301	19.18	15.18	0.949	4.744	10:01:36 AM	10.958
302	19.18	15.18	0.949	4.744	10:01:37 AM	10.958
303	19.18	15.18	0.949	4.744	10:01:38 AM	10.958
304	19.18	15.18	0.949	4.744	10:01:39 AM	10.958
305	19.18	15.18	0.949	4.744	10:01:40 AM	10.958
306	19.18	15.18	0.949	4.744	10:01:41 AM	10.958
307	19.18	15.18	0.949	4.744	10:01:42 AM	10.958
308	19.18	15.18	0.949	4.744	10:01:43 AM	10.958
309	19.18	15.18	0.949	4.744	10:01:44 AM	10.958
310	19.18	15.18	0.949	4.744	10:01:45 AM	10.958
311	19.18	15.18	0.949	4.744	10:01:46 AM	10.958
312	19.18	15.18	0.949	4.744	10:01:47 AM	10.958
313	19.18	15.18	0.949	4.744	10:01:48 AM	10.958
314	19.18	15.18	0.949	4.744	10:01:49 AM	10.958
315	19.18	15.18	0.949	4.744	10:01:50 AM	10.958
316	19.18	15.18	0.949	4.744	10:01:51 AM	10.958
317	19.18	15.18	0.949	4.744	10:01:52 AM	10.958
318	19.18	15.18	0.949	4.744	10:01:53 AM	10.958
319	19.18	15.18	0.949	4.744	10:01:54 AM	10.958
320	19.18	15.18	0.949	4.744	10:01:55 AM	10.958

321	19.18	15.18	0.949	4.744	10:01:56 AM	10.958
322	19.18	15.18	0.949	4.744	10:01:57 AM	10.958
323	19.18	15.18	0.949	4.744	10:01:58 AM	10.958
324	19.18	15.18	0.949	4.744	10:01:59 AM	10.958
325	19.18	15.18	0.949	4.744	10:02:00 AM	10.958
326	19.18	15.18	0.949	4.744	10:02:01 AM	10.958
327	19.18	15.18	0.949	4.744	10:02:02 AM	10.958
328	19.2	15.2	0.950	4.750	10:02:03 AM	10.973
329	19.18	15.18	0.949	4.744	10:02:04 AM	10.958
330	19.18	15.18	0.949	4.744	10:02:05 AM	10.958
331	19.18	15.18	0.949	4.744	10:02:06 AM	10.958
332	19.18	15.18	0.949	4.744	10:02:07 AM	10.958
333	19.18	15.18	0.949	4.744	10:02:08 AM	10.958
334	19.18	15.18	0.949	4.744	10:02:09 AM	10.958
335	19.2	15.2	0.950	4.750	10:02:10 AM	10.973
336	19.18	15.18	0.949	4.744	10:02:11 AM	10.958
337	19.2	15.2	0.950	4.750	10:02:12 AM	10.973
338	19.2	15.2	0.950	4.750	10:02:13 AM	10.973
339	19.18	15.18	0.949	4.744	10:02:14 AM	10.958
340	19.18	15.18	0.949	4.744	10:02:15 AM	10.958
341	19.18	15.18	0.949	4.744	10:02:16 AM	10.958
342	19.18	15.18	0.949	4.744	10:02:17 AM	10.958
343	19.18	15.18	0.949	4.744	10:02:18 AM	10.958
344	19.18	15.18	0.949	4.744	10:02:19 AM	10.958
345	19.2	15.2	0.950	4.750	10:02:20 AM	10.973
346	19.18	15.18	0.949	4.744	10:02:21 AM	10.958
347	19.18	15.18	0.949	4.744	10:02:22 AM	10.958
348	19.18	15.18	0.949	4.744	10:02:23 AM	10.958
349	19.2	15.2	0.950	4.750	10:02:24 AM	10.973
350	19.18	15.18	0.949	4.744	10:02:25 AM	10.958
351	19.2	15.2	0.950	4.750	10:02:26 AM	10.973
352	19.2	15.2	0.950	4.750	10:02:27 AM	10.973
353	19.18	15.18	0.949	4.744	10:02:28 AM	10.958
354	19.2	15.2	0.950	4.750	10:02:29 AM	10.973
355	19.2	15.2	0.950	4.750	10:02:30 AM	10.973
356	19.18	15.18	0.949	4.744	10:02:31 AM	10.958
357	19.18	15.18	0.949	4.744	10:02:32 AM	10.958
358	19.18	15.18	0.949	4.744	10:02:33 AM	10.958
359	19.18	15.18	0.949	4.744	10:02:34 AM	10.958
360	19.18	15.18	0.949	4.744	10:02:35 AM	10.958
361	19.18	15.18	0.949	4.744	10:02:36 AM	10.958
362	19.18	15.18	0.949	4.744	10:02:37 AM	10.958
363	19.18	15.18	0.949	4.744	10:02:38 AM	10.958
364	19.16	15.16	0.948	4.738	10:02:39 AM	10.944
365	19.18	15.18	0.949	4.744	10:02:40 AM	10.958
366	19.14	15.14	0.946	4.731	10:02:41 AM	10.929
367	19.18	15.18	0.949	4.744	10:02:42 AM	10.958
368	19.15	15.15	0.947	4.734	10:02:43 AM	10.936
369	19.2	15.2	0.950	4.750	10:02:44 AM	10.973
370	19.2	15.2	0.950	4.750	10:02:45 AM	10.973
371	19.21	15.21	0.951	4.753	10:02:46 AM	10.980
372	19.2	15.2	0.950	4.750	10:02:47 AM	10.973
373	19.2	15.2	0.950	4.750	10:02:48 AM	10.973
374	19.21	15.21	0.951	4.753	10:02:49 AM	10.980
375	19.18	15.18	0.949	4.744	10:02:50 AM	10.958
376	19.21	15.21	0.951	4.753	10:02:51 AM	10.980
377	19.21	15.21	0.951	4.753	10:02:52 AM	10.980
378	19.2	15.2	0.950	4.750	10:02:53 AM	10.973
379	19.21	15.21	0.951	4.753	10:02:54 AM	10.980
380	19.21	15.21	0.951	4.753	10:02:55 AM	10.980
381	19.21	15.21	0.951	4.753	10:02:56 AM	10.980
382	19.21	15.21	0.951	4.753	10:02:57 AM	10.980
383	19.26	15.26	0.954	4.769	10:02:58 AM	11.016
384	19.18	15.18	0.949	4.744	10:02:59 AM	10.958
385	19.21	15.21	0.951	4.753	10:03:00 AM	10.980
386	19.21	15.21	0.951	4.753	10:03:01 AM	10.980
387	19.21	15.21	0.951	4.753	10:03:02 AM	10.980
388	19.21	15.21	0.951	4.753	10:03:03 AM	10.980
389	19.2	15.2	0.950	4.750	10:03:04 AM	10.973
390	19.18	15.18	0.949	4.744	10:03:05 AM	10.958
391	19.2	15.2	0.950	4.750	10:03:06 AM	10.973
392	19.2	15.2	0.950	4.750	10:03:07 AM	10.973
393	19.21	15.21	0.951	4.753	10:03:08 AM	10.980
394	19.21	15.21	0.951	4.753	10:03:09 AM	10.980
395	19.2	15.2	0.950	4.750	10:03:10 AM	10.973
396	19.21	15.21	0.951	4.753	10:03:11 AM	10.980
397	19.21	15.21	0.951	4.753	10:03:12 AM	10.980
398	19.21	15.21	0.951	4.753	10:03:13 AM	10.980
399	19.2	15.2	0.950	4.750	10:03:14 AM	10.973
400	19.21	15.21	0.951	4.753	10:03:15 AM	10.980
401	19.18	15.18	0.949	4.744	10:03:16 AM	10.958
402	19.2	15.2	0.950	4.750	10:03:17 AM	10.973
403	19.21	15.21	0.951	4.753	10:03:18 AM	10.980
404	19.2	15.2	0.950	4.750	10:03:19 AM	10.973
405	19.2	15.2	0.950	4.750	10:03:20 AM	10.973
406	19.2	15.2	0.950	4.750	10:03:21 AM	10.973
407	19.2	15.2	0.950	4.750	10:03:22 AM	10.973
408	19.21	15.21	0.951	4.753	10:03:23 AM	10.980
409	19.2	15.2	0.950	4.750	10:03:24 AM	10.973
410	19.21	15.21	0.951	4.753	10:03:25 AM	10.980
411	19.21	15.21	0.951	4.753	10:03:26 AM	10.980
412	19.21	15.21	0.951	4.753	10:03:27 AM	10.980
413	19.21	15.21	0.951	4.753	10:03:28 AM	10.980
414	19.2	15.2	0.950	4.750	10:03:29 AM	10.973
415	19.2	15.2	0.950	4.750	10:03:30 AM	10.973
416	19.2	15.2	0.950	4.750	10:03:31 AM	10.973
417	19.21	15.21	0.951	4.753	10:03:32 AM	10.980
418	19.21	15.21	0.951	4.753	10:03:33 AM	10.980
419	19.21	15.21	0.951	4.753	10:03:34 AM	10.980
420	19.21	15.21	0.951	4.753	10:03:35 AM	10.980
421	19.21	15.21	0.951	4.753	10:03:36 AM	10.980
422	19.21	15.21	0.951	4.753	10:03:37 AM	10.980
423	19.2	15.2	0.950	4.750	10:03:38 AM	10.973
424	19.21	15.21	0.951	4.753	10:03:39 AM	10.980
425	19.21	15.21	0.951	4.753	10:03:40 AM	10.980
426	19.21	15.21	0.951	4.753	10:03:41 AM	10.980
427	19.21	15.21	0.951	4.753	10:03:42 AM	10.980
428	20.71	16.71	1.044	5.222	10:03:43 AM	12.063 test 2
429	20.3	16.3	1.019	5.094	10:03:44 AM	11.767
430	19.51	15.51	0.969	4.847	10:03:45 AM	11.196
431	19.51	15.51	0.969	4.847	10:03:46 AM	11.196
432	19.5	15.5	0.969	4.844	10:03:47 AM	11.189
433	19.49	15.49	0.968	4.841	10:03:48 AM	11.182
434	19.48	15.48	0.968	4.838	10:03:49 AM	11.175
435	19.48	15.48	0.968	4.838	10:03:50 AM	11.175
436	19.49	15.49	0.968	4.841	10:03:51 AM	11.182
437	19.47	15.47	0.967	4.834	10:03:52 AM	11.167
438	19.47	15.47	0.967	4.834	10:03:53 AM	11.167
439	19.47	15.47	0.967	4.834	10:03:54 AM	11.167
440	19.46	15.46	0.966	4.831	10:03:55 AM	11.160
441	19.45	15.45	0.966	4.828	10:03:56 AM	11.153
442	19.45	15.45	0.966	4.828	10:03:57 AM	11.153
443	19.45	15.45	0.966	4.828	10:03:58 AM	11.153
444	19.45	15.45	0.966	4.828	10:03:59 AM	11.153
445	19.45	15.45	0.966	4.828	10:04:00 AM	11.153
446	19.44	15.44	0.965	4.825	10:04:01 AM	11.146
447	19.42	15.42	0.964	4.819	10:04:02 AM	11.131
448	19.42	15.42	0.964	4.819	10:04:03 AM	11.131
449	19.42	15.42	0.964	4.819	10:04:04 AM	11.131
450	19.42	15.42	0.964	4.819	10:04:05 AM	11.131
451	19.41	15.41	0.963	4.816	10:04:06 AM	11.124
452	19.42	15.42	0.964	4.819	10:04:07 AM	11.131
453	19.42	15.42	0.964	4.819	10:04:08 AM	11.131
454	19.41	15.41	0.963	4.816	10:04:09 AM	11.124
455	19.41	15.41	0.963	4.816	10:04:10 AM	11.124
456	19.41	15.41	0.963	4.816	10:04:11 AM	11.124
457	19.41	15.41	0.963	4.816	10:04:12 AM	11.124
458	19.4	15.4	0.963	4.813	10:04:13 AM	11.117
459	19.4	15.4	0.963	4.813	10:04:14 AM	11.117
460	19.41	15.41	0.963	4.816	10:04:15 AM	11.124
461	19.4	15.4	0.963	4.813	10:04:16 AM	11.117
462	19.4	15.4	0.963	4.813	10:04:17 AM	11.117
463	19.38	15.38	0.961	4.806	10:04:18 AM	11.102
464	19.4	15.4	0.963	4.813	10:04:19 AM	11.117
465	19.4	15.4	0.963	4.813	10:04:20 AM	11.117
466	19.38	15.38	0.961	4.806	10:04:21 AM	11.102
467	19.38	15.38	0.961	4.806	10:04:22 AM	11.102
468	19.38	15.38	0.961	4.806	10:04:23 AM	11.102
469	19.38	15.38	0.961	4.806	10:04:24 AM	11.102
470	19.38	15.38	0.961	4.806	10:04:25 AM	11.102
471	19.38	15.38	0.961	4.806	10:04:26 AM	11.102
472	19.38	15.38	0.961	4.806	10:04:27 AM	11.102
473	19.38	15.38	0.961	4.806	10:04:28 AM	11.102
474	19.38	15.38	0.961	4.806	10:04:29 AM	11.102
475	19.38	15.38	0.961	4.806	10:04:30 AM	11.102
476	19.37	15.37	0.961	4.803	10:04:31 AM	11.095
477	19.38	15.38	0.961	4.806	10:04:32 AM	11.102
478	19.38	15.38	0.961	4.806	10:04:33 AM	11.102
479	19.37	15.37	0.961	4.803	10:04:34 AM	11.095
480	19.37	15.37	0.961	4.803	10:04:35 AM	11.095
481	19.37	15.37	0.961	4.803	10:04:36 AM	11.095

482	19.37	15.37	0.961	4.803	10:04:37 AM	11.095
483	19.36	15.36	0.960	4.800	10:04:38 AM	11.088
484	19.37	15.37	0.961	4.803	10:04:39 AM	11.095
485	19.36	15.36	0.960	4.800	10:04:40 AM	11.088
486	19.36	15.36	0.960	4.800	10:04:41 AM	11.088
487	19.36	15.36	0.960	4.800	10:04:42 AM	11.088
488	19.36	15.36	0.960	4.800	10:04:43 AM	11.088
489	19.37	15.37	0.961	4.803	10:04:44 AM	11.095
490	19.36	15.36	0.960	4.800	10:04:45 AM	11.088
491	19.36	15.36	0.960	4.800	10:04:46 AM	11.088
492	19.36	15.36	0.960	4.800	10:04:47 AM	11.088
493	19.36	15.36	0.960	4.800	10:04:48 AM	11.088
494	19.36	15.36	0.960	4.800	10:04:49 AM	11.088
495	19.36	15.36	0.960	4.800	10:04:50 AM	11.088
496	19.36	15.36	0.960	4.800	10:04:51 AM	11.088
497	19.36	15.36	0.960	4.800	10:04:52 AM	11.088
498	19.36	15.36	0.960	4.800	10:04:53 AM	11.088
499	19.35	15.35	0.959	4.797	10:04:54 AM	11.081
500	19.35	15.35	0.959	4.797	10:04:55 AM	11.081
501	19.34	15.34	0.959	4.794	10:04:56 AM	11.074
502	19.36	15.36	0.960	4.800	10:04:57 AM	11.088
503	19.35	15.35	0.959	4.797	10:04:58 AM	11.081
504	19.35	15.35	0.959	4.797	10:04:59 AM	11.081
505	19.34	15.34	0.959	4.794	10:05:00 AM	11.074
506	19.34	15.34	0.959	4.794	10:05:01 AM	11.074
507	19.35	15.35	0.959	4.797	10:05:02 AM	11.081
508	19.35	15.35	0.959	4.797	10:05:03 AM	11.081
509	19.34	15.34	0.959	4.794	10:05:04 AM	11.074
510	19.33	15.33	0.958	4.791	10:05:05 AM	11.066
511	19.34	15.34	0.959	4.794	10:05:06 AM	11.074
512	19.34	15.34	0.959	4.794	10:05:07 AM	11.074
513	19.34	15.34	0.959	4.794	10:05:08 AM	11.074
514	19.34	15.34	0.959	4.794	10:05:09 AM	11.074
515	19.34	15.34	0.959	4.794	10:05:10 AM	11.074
516	19.34	15.34	0.959	4.794	10:05:11 AM	11.074
517	19.34	15.34	0.959	4.794	10:05:12 AM	11.074
518	19.33	15.33	0.958	4.791	10:05:13 AM	11.066
519	19.34	15.34	0.959	4.794	10:05:14 AM	11.074
520	19.34	15.34	0.959	4.794	10:05:15 AM	11.074
521	19.34	15.34	0.959	4.794	10:05:16 AM	11.074
522	19.34	15.34	0.959	4.794	10:05:17 AM	11.074
523	19.33	15.33	0.958	4.791	10:05:18 AM	11.066
524	19.34	15.34	0.959	4.794	10:05:19 AM	11.074
525	19.33	15.33	0.958	4.791	10:05:20 AM	11.066
526	19.33	15.33	0.958	4.791	10:05:21 AM	11.066
527	19.34	15.34	0.959	4.794	10:05:22 AM	11.074
528	19.33	15.33	0.958	4.791	10:05:23 AM	11.066
529	19.33	15.33	0.958	4.791	10:05:24 AM	11.066
530	19.32	15.32	0.958	4.788	10:05:25 AM	11.059
531	19.34	15.34	0.959	4.794	10:05:26 AM	11.074
532	19.32	15.32	0.958	4.788	10:05:27 AM	11.059
533	19.21	15.21	0.951	4.753	10:05:28 AM	10.980
534	19.25	15.25	0.953	4.766	10:05:29 AM	11.009
535	20.34	16.34	1.021	5.106	10:05:30 AM	11.795
536	19.68	15.68	0.980	4.900	10:05:31 AM	11.319
537	19.89	15.89	0.993	4.966	10:05:32 AM	11.471
538	19.59	15.59	0.974	4.872	10:05:33 AM	11.254
539	19.51	15.51	0.969	4.847	10:05:34 AM	11.196
540	19.5	15.5	0.969	4.844	10:05:35 AM	11.189
541	19.49	15.49	0.968	4.841	10:05:36 AM	11.182
542	19.49	15.49	0.968	4.841	10:05:37 AM	11.182
543	19.48	15.48	0.968	4.838	10:05:38 AM	11.175
544	19.47	15.47	0.967	4.834	10:05:39 AM	11.167
545	19.47	15.47	0.967	4.834	10:05:40 AM	11.167
546	19.47	15.47	0.967	4.834	10:05:41 AM	11.167
547	19.46	15.46	0.966	4.831	10:05:42 AM	11.160
548	19.46	15.46	0.966	4.831	10:05:43 AM	11.160
549	19.45	15.45	0.966	4.828	10:05:44 AM	11.153
550	19.45	15.45	0.966	4.828	10:05:45 AM	11.153
551	19.45	15.45	0.966	4.828	10:05:46 AM	11.153
552	19.45	15.45	0.966	4.828	10:05:47 AM	11.153
553	19.44	15.44	0.965	4.825	10:05:48 AM	11.146
554	19.44	15.44	0.965	4.825	10:05:49 AM	11.146
555	19.42	15.42	0.964	4.819	10:05:50 AM	11.131
556	19.44	15.44	0.965	4.825	10:05:51 AM	11.146
557	19.44	15.44	0.965	4.825	10:05:52 AM	11.146
558	19.42	15.42	0.964	4.819	10:05:53 AM	11.131
559	19.42	15.42	0.964	4.819	10:05:54 AM	11.131
560	19.42	15.42	0.964	4.819	10:05:55 AM	11.131
561	19.41	15.41	0.963	4.816	10:05:56 AM	11.124
562	19.42	15.42	0.964	4.819	10:05:57 AM	11.131
563	19.42	15.42	0.964	4.819	10:05:58 AM	11.131
564	19.4	15.4	0.963	4.813	10:05:59 AM	11.117
565	19.42	15.42	0.964	4.819	10:06:00 AM	11.131
566	19.41	15.41	0.963	4.816	10:06:01 AM	11.124
567	19.4	15.4	0.963	4.813	10:06:02 AM	11.117
568	19.4	15.4	0.963	4.813	10:06:03 AM	11.117
569	19.4	15.4	0.963	4.813	10:06:04 AM	11.117
570	19.4	15.4	0.963	4.813	10:06:05 AM	11.117
571	19.4	15.4	0.963	4.813	10:06:06 AM	11.117
572	19.4	15.4	0.963	4.813	10:06:07 AM	11.117
573	19.4	15.4	0.963	4.813	10:06:08 AM	11.117
574	19.39	15.39	0.962	4.809	10:06:09 AM	11.110
575	19.39	15.39	0.962	4.809	10:06:10 AM	11.110
576	19.38	15.38	0.961	4.806	10:06:11 AM	11.102
577	19.38	15.38	0.961	4.806	10:06:12 AM	11.102
578	19.38	15.38	0.961	4.806	10:06:13 AM	11.102
579	19.38	15.38	0.961	4.806	10:06:14 AM	11.102
580	19.38	15.38	0.961	4.806	10:06:15 AM	11.102
581	19.38	15.38	0.961	4.806	10:06:16 AM	11.102
582	19.38	15.38	0.961	4.806	10:06:17 AM	11.102
583	19.38	15.38	0.961	4.806	10:06:18 AM	11.102
584	19.38	15.38	0.961	4.806	10:06:19 AM	11.102
585	19.37	15.37	0.961	4.803	10:06:20 AM	11.095
586	19.38	15.38	0.961	4.806	10:06:21 AM	11.102
587	19.38	15.38	0.961	4.806	10:06:22 AM	11.102
588	19.38	15.38	0.961	4.806	10:06:23 AM	11.102
589	19.38	15.38	0.961	4.806	10:06:24 AM	11.102
590	19.37	15.37	0.961	4.803	10:06:25 AM	11.095
591	19.38	15.38	0.961	4.806	10:06:26 AM	11.102
592	19.37	15.37	0.961	4.803	10:06:27 AM	11.095
593	19.37	15.37	0.961	4.803	10:06:28 AM	11.095
594	19.37	15.37	0.961	4.803	10:06:29 AM	11.095
595	19.37	15.37	0.961	4.803	10:06:30 AM	11.095
596	19.37	15.37	0.961	4.803	10:06:31 AM	11.095
597	19.38	15.38	0.961	4.806	10:06:32 AM	11.102
598	19.37	15.37	0.961	4.803	10:06:33 AM	11.095
599	19.37	15.37	0.961	4.803	10:06:34 AM	11.095
600	19.37	15.37	0.961	4.803	10:06:35 AM	11.095
601	19.37	15.37	0.961	4.803	10:06:36 AM	11.095
602	19.37	15.37	0.961	4.803	10:06:37 AM	11.095
603	19.36	15.36	0.960	4.800	10:06:38 AM	11.088
604	19.36	15.36	0.960	4.800	10:06:39 AM	11.088
605	19.36	15.36	0.960	4.800	10:06:40 AM	11.088
606	19.37	15.37	0.961	4.803	10:06:41 AM	11.095
607	19.36	15.36	0.960	4.800	10:06:42 AM	11.088
608	19.36	15.36	0.960	4.800	10:06:43 AM	11.088
609	19.36	15.36	0.960	4.800	10:06:44 AM	11.088
610	19.36	15.36	0.960	4.800	10:06:45 AM	11.088
611	19.36	15.36	0.960	4.800	10:06:46 AM	11.088
612	19.36	15.36	0.960	4.800	10:06:47 AM	11.088
613	19.36	15.36	0.960	4.800	10:06:48 AM	11.088
614	19.36	15.36	0.960	4.800	10:06:49 AM	11.088
615	19.36	15.36	0.960	4.800	10:06:50 AM	11.088
616	19.36	15.36	0.960	4.800	10:06:51 AM	11.088
617	19.35	15.35	0.959	4.797	10:06:52 AM	11.081
618	19.34	15.34	0.959	4.794	10:06:53 AM	11.074
619	19.36	15.36	0.960	4.800	10:06:54 AM	11.088
620	19.34	15.34	0.959	4.794	10:06:55 AM	11.074
621	19.36	15.36	0.960	4.800	10:06:56 AM	11.088
622	19.34	15.34	0.959	4.794	10:06:57 AM	11.074
623	19.34	15.34	0.959	4.794	10:06:58 AM	11.074
624	19.36	15.36	0.960	4.800	10:06:59 AM	11.088
625	19.34	15.34	0.959	4.794	10:07:00 AM	11.074
626	19.34	15.34	0.959	4.794	10:07:01 AM	11.074
627	19.34	15.34	0.959	4.794	10:07:02 AM	11.074
628	19.34	15.34	0.959	4.794	10:07:03 AM	11.074
629	19.34	15.34	0.959	4.794	10:07:04 AM	11.074
630	19.34	15.34	0.959	4.794	10:07:05 AM	11.074
631	19.34	15.34	0.959	4.794	10:07:06 AM	11.074
632	19.35	15.35	0.959	4.797	10:07:07 AM	11.081
633	19.35	15.35	0.959	4.797	10:07:08 AM	11.081
634	19.36	15.36	0.960	4.800	10:07:09 AM	11.088
635	19.34	15.34	0.959	4.794	10:07:10 AM	11.074
636	19.34	15.34	0.959	4.794	10:07:11 AM	11.074
637	19.34	15.34	0.959	4.794	10:07:12 AM	11.074
638	19.34	15.34	0.959	4.794	10:07:13 AM	11.074
639	19.34	15.34	0.959	4.794	10:07:14 AM	11.074
640	19.34	15.34	0.959	4.794	10:07:15 AM	11.074
641	19.33	15.33	0.958	4.791	10:07:16 AM	11.066
642	19.34	15.34	0.959	4.794	10:07:17 AM	11.074
643	19.34	15.34	0.959	4.794	10:07:18 AM	11.074

644	19.33	15.33	0.958	4.791	10:07:19 AM	11.066
645	19.33	15.33	0.958	4.791	10:07:20 AM	11.066
646	19.33	15.33	0.958	4.791	10:07:21 AM	11.066
647	19.34	15.34	0.959	4.794	10:07:22 AM	11.074
648	19.33	15.33	0.958	4.791	10:07:23 AM	11.066
649	19.33	15.33	0.958	4.791	10:07:24 AM	11.066
650	19.33	15.33	0.958	4.791	10:07:25 AM	11.066
651	19.32	15.32	0.958	4.788	10:07:26 AM	11.059
652	19.33	15.33	0.958	4.791	10:07:27 AM	11.066
653	19.33	15.33	0.958	4.791	10:07:28 AM	11.066
654	19.33	15.33	0.958	4.791	10:07:29 AM	11.066
655	19.33	15.33	0.958	4.791	10:07:30 AM	11.066
656	19.33	15.33	0.958	4.791	10:07:31 AM	11.066
657	19.32	15.32	0.958	4.788	10:07:32 AM	11.059
658	19.33	15.33	0.958	4.791	10:07:33 AM	11.066
659	19.33	15.33	0.958	4.791	10:07:34 AM	11.066
660	19.32	15.32	0.958	4.788	10:07:35 AM	11.059
661	19.32	15.32	0.958	4.788	10:07:36 AM	11.059
662	19.32	15.32	0.958	4.788	10:07:37 AM	11.059
663	19.33	15.33	0.958	4.791	10:07:38 AM	11.066
664	19.33	15.33	0.958	4.791	10:07:39 AM	11.066
665	19.32	15.32	0.958	4.788	10:07:40 AM	11.059
666	19.32	15.32	0.958	4.788	10:07:41 AM	11.059
667	19.32	15.32	0.958	4.788	10:07:42 AM	11.059
668	19.32	15.32	0.958	4.788	10:07:43 AM	11.059
669	19.32	15.32	0.958	4.788	10:07:44 AM	11.059
670	19.32	15.32	0.958	4.788	10:07:45 AM	11.059
671	19.32	15.32	0.958	4.788	10:07:46 AM	11.059
672	19.3	15.3	0.956	4.781	10:07:47 AM	11.045
673	19.32	15.32	0.958	4.788	10:07:48 AM	11.059
674	19.32	15.32	0.958	4.788	10:07:49 AM	11.059
675	19.32	15.32	0.958	4.788	10:07:50 AM	11.059
676	19.32	15.32	0.958	4.788	10:07:51 AM	11.059
677	19.29	15.29	0.956	4.778	10:07:52 AM	11.037
678	19.3	15.3	0.956	4.781	10:07:53 AM	11.045
679	19.3	15.3	0.956	4.781	10:07:54 AM	11.045
680	19.3	15.3	0.956	4.781	10:07:55 AM	11.045
681	19.3	15.3	0.956	4.781	10:07:56 AM	11.045
682	19.32	15.32	0.958	4.788	10:07:57 AM	11.059
683	19.33	15.33	0.958	4.791	10:07:58 AM	11.066
684	19.32	15.32	0.958	4.788	10:07:59 AM	11.059
685	19.32	15.32	0.958	4.788	10:08:00 AM	11.059
686	19.32	15.32	0.958	4.788	10:08:01 AM	11.059
687	19.32	15.32	0.958	4.788	10:08:02 AM	11.059
688	19.32	15.32	0.958	4.788	10:08:03 AM	11.059
689	19.33	15.33	0.958	4.791	10:08:04 AM	11.066
690	19.32	15.32	0.958	4.788	10:08:05 AM	11.059
691	18.92	14.92	0.933	4.663	10:08:06 AM	10.770
692	18.07	14.07	0.879	4.397	10:08:07 AM	10.157
693	17.48	13.48	0.843	4.213	10:08:08 AM	9.731
694	17.81	13.81	0.863	4.316	10:08:09 AM	9.969
695	18.07	14.07	0.879	4.397	10:08:10 AM	10.157
696	18.27	14.27	0.892	4.459	10:08:11 AM	10.301
697	18.42	14.42	0.901	4.506	10:08:12 AM	10.409
698	18.53	14.53	0.908	4.541	10:08:13 AM	10.489
699	18.63	14.63	0.914	4.572	10:08:14 AM	10.561
700	18.68	14.68	0.918	4.588	10:08:15 AM	10.597
701	18.73	14.73	0.921	4.603	10:08:16 AM	10.633
702	18.77	14.77	0.923	4.616	10:08:17 AM	10.662
703	18.79	14.79	0.924	4.622	10:08:18 AM	10.677
704	18.82	14.82	0.926	4.631	10:08:19 AM	10.698
705	18.85	14.85	0.928	4.641	10:08:20 AM	10.720
706	18.86	14.86	0.929	4.644	10:08:21 AM	10.727
707	18.86	14.86	0.929	4.644	10:08:22 AM	10.727
708	18.9	14.9	0.931	4.656	10:08:23 AM	10.756
709	18.9	14.9	0.931	4.656	10:08:24 AM	10.756
710	18.92	14.92	0.933	4.663	10:08:25 AM	10.770
711	18.91	14.91	0.932	4.659	10:08:26 AM	10.763
712	18.93	14.93	0.933	4.666	10:08:27 AM	10.778
713	18.93	14.93	0.933	4.666	10:08:28 AM	10.778
714	18.94	14.94	0.934	4.669	10:08:29 AM	10.785
715	18.94	14.94	0.934	4.669	10:08:30 AM	10.785
716	18.97	14.97	0.936	4.678	10:08:31 AM	10.806
717	18.97	14.97	0.936	4.678	10:08:32 AM	10.806
718	18.97	14.97	0.936	4.678	10:08:33 AM	10.806
719	18.98	14.98	0.936	4.681	10:08:34 AM	10.814
720	18.99	14.99	0.937	4.684	10:08:35 AM	10.821
721	18.99	14.99	0.937	4.684	10:08:36 AM	10.821
722	18.99	14.99	0.937	4.684	10:08:37 AM	10.821
723	18.99	14.99	0.937	4.684	10:08:38 AM	10.821
724	18.99	14.99	0.937	4.684	10:08:39 AM	10.821
725	19.01	15.01	0.938	4.691	10:08:40 AM	10.835
726	19.01	15.01	0.938	4.691	10:08:41 AM	10.835
727	19.02	15.02	0.939	4.694	10:08:42 AM	10.843
728	19.01	15.01	0.938	4.691	10:08:43 AM	10.835
729	19.02	15.02	0.939	4.694	10:08:44 AM	10.843
730	19.02	15.02	0.939	4.694	10:08:45 AM	10.843
731	19.02	15.02	0.939	4.694	10:08:46 AM	10.843
732	19.03	15.03	0.939	4.697	10:08:47 AM	10.850
733	19.03	15.03	0.939	4.697	10:08:48 AM	10.850
734	19.03	15.03	0.939	4.697	10:08:49 AM	10.850
735	19.03	15.03	0.939	4.697	10:08:50 AM	10.850
736	19.03	15.03	0.939	4.697	10:08:51 AM	10.850
737	19.03	15.03	0.939	4.697	10:08:52 AM	10.850
738	19.03	15.03	0.939	4.697	10:08:53 AM	10.850
739	19.03	15.03	0.939	4.697	10:08:54 AM	10.850
740	19.04	15.04	0.940	4.700	10:08:55 AM	10.857
741	19.05	15.05	0.941	4.703	10:08:56 AM	10.864
742	19.05	15.05	0.941	4.703	10:08:57 AM	10.864
743	19.05	15.05	0.941	4.703	10:08:58 AM	10.864
744	19.05	15.05	0.941	4.703	10:08:59 AM	10.864
745	19.05	15.05	0.941	4.703	10:09:00 AM	10.864
746	19.06	15.06	0.941	4.706	10:09:01 AM	10.871
747	19.05	15.05	0.941	4.703	10:09:02 AM	10.864
748	19.06	15.06	0.941	4.706	10:09:03 AM	10.871
749	19.06	15.06	0.941	4.706	10:09:04 AM	10.871
750	19.06	15.06	0.941	4.706	10:09:05 AM	10.871
751	19.07	15.07	0.942	4.709	10:09:06 AM	10.879
752	19.07	15.07	0.942	4.709	10:09:07 AM	10.879
753	19.07	15.07	0.942	4.709	10:09:08 AM	10.879
754	19.06	15.06	0.941	4.706	10:09:09 AM	10.871
755	19.07	15.07	0.942	4.709	10:09:10 AM	10.879
756	19.07	15.07	0.942	4.709	10:09:11 AM	10.879
757	19.07	15.07	0.942	4.709	10:09:12 AM	10.879
758	19.07	15.07	0.942	4.709	10:09:13 AM	10.879
759	19.07	15.07	0.942	4.709	10:09:14 AM	10.879
760	19.09	15.09	0.943	4.716	10:09:15 AM	10.893
761	19.07	15.07	0.942	4.709	10:09:16 AM	10.879
762	19.07	15.07	0.942	4.709	10:09:17 AM	10.879
763	19.07	15.07	0.942	4.709	10:09:18 AM	10.879
764	19.07	15.07	0.942	4.709	10:09:19 AM	10.879
765	19.07	15.07	0.942	4.709	10:09:20 AM	10.879
766	19.09	15.09	0.943	4.716	10:09:21 AM	10.893
767	19.09	15.09	0.943	4.716	10:09:22 AM	10.893
768	19.1	15.1	0.944	4.719	10:09:23 AM	10.900
769	19.09	15.09	0.943	4.716	10:09:24 AM	10.893
770	19.09	15.09	0.943	4.716	10:09:25 AM	10.893
771	19.1	15.1	0.944	4.719	10:09:26 AM	10.900
772	19.11	15.11	0.944	4.722	10:09:27 AM	10.908
773	19.1	15.1	0.944	4.719	10:09:28 AM	10.900
774	19.1	15.1	0.944	4.719	10:09:29 AM	10.900
775	19.09	15.09	0.943	4.716	10:09:30 AM	10.893
776	19.1	15.1	0.944	4.719	10:09:31 AM	10.900
777	19.1	15.1	0.944	4.719	10:09:32 AM	10.900
778	19.1	15.1	0.944	4.719	10:09:33 AM	10.900
779	19.12	15.12	0.945	4.725	10:09:34 AM	10.915
780	19.11	15.11	0.944	4.722	10:09:35 AM	10.908
781	19.11	15.11	0.944	4.722	10:09:36 AM	10.908
782	19.11	15.11	0.944	4.722	10:09:37 AM	10.908
783	19.1	15.1	0.944	4.719	10:09:38 AM	10.900
784	19.1	15.1	0.944	4.719	10:09:39 AM	10.900
785	19.11	15.11	0.944	4.722	10:09:40 AM	10.908
786	19.12	15.12	0.945	4.725	10:09:41 AM	10.915
787	19.11	15.11	0.944	4.722	10:09:42 AM	10.908
788	19.11	15.11	0.944	4.722	10:09:43 AM	10.908
789	19.11	15.11	0.944	4.722	10:09:44 AM	10.908
790	19.12	15.12	0.945	4.725	10:09:45 AM	10.915
791	19.11	15.11	0.944	4.722	10:09:46 AM	10.908
792	19.12	15.12	0.945	4.725	10:09:47 AM	10.915
793	19.12	15.12	0.945	4.725	10:09:48 AM	10.915
794	19.12	15.12	0.945	4.725	10:09:49 AM	10.915
795	19.12	15.12	0.945	4.725	10:09:50 AM	10.915
796	19.12	15.12	0.945	4.725	10:09:51 AM	10.915
797	19.12	15.12	0.945	4.725	10:09:52 AM	10.915
798	19.12	15.12	0.945	4.725	10:09:53 AM	10.915
799	19.12	15.12	0.945	4.725	10:09:54 AM	10.915
800	19.12	15.12	0.945	4.725	10:09:55 AM	10.915
801	19.12	15.12	0.945	4.725	10:09:56 AM	10.915
802	19.12	15.12	0.945	4.725	10:09:57 AM	10.915
803	19.12	15.12	0.945	4.725	10:09:58 AM	10.915
804	19.12	15.12	0.945	4.725	10:09:59 AM	10.915
805	19.13	15.13	0.946	4.728	10:10:00 AM	10.922

806	19.12	15.12	0.945	4.725	10:10:01 AM	10.915
807	19.12	15.12	0.945	4.725	10:10:02 AM	10.915
808	19.12	15.12	0.945	4.725	10:10:03 AM	10.915
809	19.12	15.12	0.945	4.725	10:10:04 AM	10.915
810	19.12	15.12	0.945	4.725	10:10:05 AM	10.915
811	19.12	15.12	0.945	4.725	10:10:06 AM	10.915
812	19.14	15.14	0.946	4.731	10:10:07 AM	10.929
813	19.14	15.14	0.946	4.731	10:10:08 AM	10.929
814	19.14	15.14	0.946	4.731	10:10:09 AM	10.929
815	19.13	15.13	0.946	4.728	10:10:10 AM	10.922
816	19.14	15.14	0.946	4.731	10:10:11 AM	10.929
817	19.13	15.13	0.946	4.728	10:10:12 AM	10.922
818	19.13	15.13	0.946	4.728	10:10:13 AM	10.922
819	19.13	15.13	0.946	4.728	10:10:14 AM	10.922
820	19.14	15.14	0.946	4.731	10:10:15 AM	10.929
821	19.14	15.14	0.946	4.731	10:10:16 AM	10.929
822	19.14	15.14	0.946	4.731	10:10:17 AM	10.929
823	19.14	15.14	0.946	4.731	10:10:18 AM	10.929
824	19.14	15.14	0.946	4.731	10:10:19 AM	10.929
825	19.14	15.14	0.946	4.731	10:10:20 AM	10.929
826	19.14	15.14	0.946	4.731	10:10:21 AM	10.929
827	19.14	15.14	0.946	4.731	10:10:22 AM	10.929
828	19.14	15.14	0.946	4.731	10:10:23 AM	10.929
829	19.14	15.14	0.946	4.731	10:10:24 AM	10.929
830	19.14	15.14	0.946	4.731	10:10:25 AM	10.929
831	19.14	15.14	0.946	4.731	10:10:26 AM	10.929
832	19.14	15.14	0.946	4.731	10:10:27 AM	10.929
833	19.15	15.15	0.947	4.734	10:10:28 AM	10.936
834	19.14	15.14	0.946	4.731	10:10:29 AM	10.929
835	19.15	15.15	0.947	4.734	10:10:30 AM	10.936
836	19.15	15.15	0.947	4.734	10:10:31 AM	10.936
837	19.15	15.15	0.947	4.734	10:10:32 AM	10.936
838	19.14	15.14	0.946	4.731	10:10:33 AM	10.929
839	19.15	15.15	0.947	4.734	10:10:34 AM	10.936
840	19.15	15.15	0.947	4.734	10:10:35 AM	10.936
841	19.15	15.15	0.947	4.734	10:10:36 AM	10.936
842	19.15	15.15	0.947	4.734	10:10:37 AM	10.936
843	19.15	15.15	0.947	4.734	10:10:38 AM	10.936
844	19.15	15.15	0.947	4.734	10:10:39 AM	10.936
845	19.15	15.15	0.947	4.734	10:10:40 AM	10.936
846	19.15	15.15	0.947	4.734	10:10:41 AM	10.936
847	19.15	15.15	0.947	4.734	10:10:42 AM	10.936
848	19.15	15.15	0.947	4.734	10:10:43 AM	10.936
849	19.15	15.15	0.947	4.734	10:10:44 AM	10.936
850	19.15	15.15	0.947	4.734	10:10:45 AM	10.936
851	19.15	15.15	0.947	4.734	10:10:46 AM	10.936
852	19.15	15.15	0.947	4.734	10:10:47 AM	10.936
853	19.15	15.15	0.947	4.734	10:10:48 AM	10.936
854	19.16	15.16	0.948	4.738	10:10:49 AM	10.944
855	19.15	15.15	0.947	4.734	10:10:50 AM	10.936
856	19.16	15.16	0.948	4.738	10:10:51 AM	10.944
857	19.15	15.15	0.947	4.734	10:10:52 AM	10.936
858	19.16	15.16	0.948	4.738	10:10:53 AM	10.944
859	19.16	15.16	0.948	4.738	10:10:54 AM	10.944
860	19.16	15.16	0.948	4.738	10:10:55 AM	10.944
861	19.16	15.16	0.948	4.738	10:10:56 AM	10.944
862	19.16	15.16	0.948	4.738	10:10:57 AM	10.944
863	19.16	15.16	0.948	4.738	10:10:58 AM	10.944
864	19.16	15.16	0.948	4.738	10:10:59 AM	10.944
865	19.16	15.16	0.948	4.738	10:11:00 AM	10.944
866	19.16	15.16	0.948	4.738	10:11:01 AM	10.944
867	19.16	15.16	0.948	4.738	10:11:02 AM	10.944
868	19.16	15.16	0.948	4.738	10:11:03 AM	10.944
869	19.16	15.16	0.948	4.738	10:11:04 AM	10.944
870	19.16	15.16	0.948	4.738	10:11:05 AM	10.944
871	19.16	15.16	0.948	4.738	10:11:06 AM	10.944
872	19.16	15.16	0.948	4.738	10:11:07 AM	10.944
873	19.15	15.15	0.947	4.734	10:11:08 AM	10.936
874	19.16	15.16	0.948	4.738	10:11:09 AM	10.944
875	19.16	15.16	0.948	4.738	10:11:10 AM	10.944
876	19.16	15.16	0.948	4.738	10:11:11 AM	10.944
877	19.16	15.16	0.948	4.738	10:11:12 AM	10.944
878	19.16	15.16	0.948	4.738	10:11:13 AM	10.944
879	19.16	15.16	0.948	4.738	10:11:14 AM	10.944
880	19.16	15.16	0.948	4.738	10:11:15 AM	10.944
881	19.16	15.16	0.948	4.738	10:11:16 AM	10.944
882	19.16	15.16	0.948	4.738	10:11:17 AM	10.944
883	19.16	15.16	0.948	4.738	10:11:18 AM	10.944
884	19.16	15.16	0.948	4.738	10:11:19 AM	10.944
885	19.16	15.16	0.948	4.738	10:11:20 AM	10.944
886	19.16	15.16	0.948	4.738	10:11:21 AM	10.944
887	19.16	15.16	0.948	4.738	10:11:22 AM	10.944
888	19.16	15.16	0.948	4.738	10:11:23 AM	10.944
889	19.17	15.17	0.948	4.741	10:11:24 AM	10.951
890	19.16	15.16	0.948	4.738	10:11:25 AM	10.944
891	19.16	15.16	0.948	4.738	10:11:26 AM	10.944
892	19.17	15.17	0.948	4.741	10:11:27 AM	10.951
893	19.16	15.16	0.948	4.738	10:11:28 AM	10.944
894	19.18	15.18	0.949	4.744	10:11:29 AM	10.958
895	19.17	15.17	0.948	4.741	10:11:30 AM	10.951
896	19.16	15.16	0.948	4.738	10:11:31 AM	10.944
897	19.16	15.16	0.948	4.738	10:11:32 AM	10.944
898	19.15	15.15	0.947	4.734	10:11:33 AM	10.936
899	19.17	15.17	0.948	4.741	10:11:34 AM	10.951
900	19.18	15.18	0.949	4.744	10:11:35 AM	10.958
901	19.17	15.17	0.948	4.741	10:11:36 AM	10.951
902	19.17	15.17	0.948	4.741	10:11:37 AM	10.951
903	19.17	15.17	0.948	4.741	10:11:38 AM	10.951
904	19.18	15.18	0.949	4.744	10:11:39 AM	10.958
905	20.87	16.87	1.054	5.272	10:11:40 AM	12.178
906	20.36	16.36	1.023	5.113	10:11:41 AM	11.810
907	19.62	15.62	0.976	4.881	10:11:42 AM	11.276
908	19.62	15.62	0.976	4.881	10:11:43 AM	11.276
909	19.6	15.6	0.975	4.875	10:11:44 AM	11.261
910	19.6	15.6	0.975	4.875	10:11:45 AM	11.261
911	19.59	15.59	0.974	4.872	10:11:46 AM	11.254
912	19.56	15.56	0.973	4.863	10:11:47 AM	11.232
913	19.56	15.56	0.973	4.863	10:11:48 AM	11.232
914	19.56	15.56	0.973	4.863	10:11:49 AM	11.232
915	19.56	15.56	0.973	4.863	10:11:50 AM	11.232
916	19.54	15.54	0.971	4.856	10:11:51 AM	11.218
917	19.56	15.56	0.973	4.863	10:11:52 AM	11.232
918	19.54	15.54	0.971	4.856	10:11:53 AM	11.218
919	19.53	15.53	0.971	4.853	10:11:54 AM	11.211
920	19.53	15.53	0.971	4.853	10:11:55 AM	11.211
921	19.52	15.52	0.970	4.850	10:11:56 AM	11.204
922	19.53	15.53	0.971	4.853	10:11:57 AM	11.211
923	19.51	15.51	0.969	4.847	10:11:58 AM	11.196
924	19.51	15.51	0.969	4.847	10:11:59 AM	11.196
925	19.51	15.51	0.969	4.847	10:12:00 AM	11.196
926	19.5	15.5	0.969	4.844	10:12:01 AM	11.189
927	19.51	15.51	0.969	4.847	10:12:02 AM	11.196
928	19.49	15.49	0.968	4.841	10:12:03 AM	11.182
929	19.5	15.5	0.969	4.844	10:12:04 AM	11.189
930	19.48	15.48	0.968	4.838	10:12:05 AM	11.175
931	19.49	15.49	0.968	4.841	10:12:06 AM	11.182
932	19.49	15.49	0.968	4.841	10:12:07 AM	11.182
933	19.47	15.47	0.967	4.834	10:12:08 AM	11.167
934	19.48	15.48	0.968	4.838	10:12:09 AM	11.175
935	19.47	15.47	0.967	4.834	10:12:10 AM	11.167
936	19.47	15.47	0.967	4.834	10:12:11 AM	11.167
937	19.47	15.47	0.967	4.834	10:12:12 AM	11.167
938	19.47	15.47	0.967	4.834	10:12:13 AM	11.167
939	19.47	15.47	0.967	4.834	10:12:14 AM	11.167
940	19.47	15.47	0.967	4.834	10:12:15 AM	11.167
941	19.46	15.46	0.966	4.831	10:12:16 AM	11.160
942	19.45	15.45	0.966	4.828	10:12:17 AM	11.153
943	19.46	15.46	0.966	4.831	10:12:18 AM	11.160
944	19.46	15.46	0.966	4.831	10:12:19 AM	11.160
945	19.46	15.46	0.966	4.831	10:12:20 AM	11.160
946	19.45	15.45	0.966	4.828	10:12:21 AM	11.153
947	19.45	15.45	0.966	4.828	10:12:22 AM	11.153
948	19.45	15.45	0.966	4.828	10:12:23 AM	11.153
949	19.45	15.45	0.966	4.828	10:12:24 AM	11.153
950	19.44	15.44	0.965	4.825	10:12:25 AM	11.146
951	19.45	15.45	0.966	4.828	10:12:26 AM	11.153
952	19.45	15.45	0.966	4.828	10:12:27 AM	11.153
953	19.45	15.45	0.966	4.828	10:12:28 AM	11.153
954	19.44	15.44	0.965	4.825	10:12:29 AM	11.146
955	19.42	15.42	0.964	4.819	10:12:30 AM	11.131
956	19.44	15.44	0.965	4.825	10:12:31 AM	11.146
957	19.44	15.44	0.965	4.825	10:12:32 AM	11.146
958	19.42	15.42	0.964	4.819	10:12:33 AM	11.131
959	19.42	15.42	0.964	4.819	10:12:34 AM	11.131
960	19.42	15.42	0.964	4.819	10:12:35 AM	11.131
961	19.42	15.42	0.964	4.819	10:12:36 AM	11.131
962	19.42	15.42	0.964	4.819	10:12:37 AM	11.131
963	19.41	15.41	0.963	4.816	10:12:38 AM	11.124
964	19.42	15.42	0.964	4.819	10:12:39 AM	11.131
965	19.41	15.41	0.963	4.816	10:12:40 AM	11.124
966	19.41	15.41	0.963	4.816	10:12:41 AM	11.124
967	19.41	15.41	0.963	4.816	10:12:42 AM	11.124

968	19.41	15.41	0.963	4.816	10:12:43 AM	11.124
969	19.4	15.4	0.963	4.813	10:12:44 AM	11.117
970	19.41	15.41	0.963	4.816	10:12:45 AM	11.124
971	19.41	15.41	0.963	4.816	10:12:46 AM	11.124
972	19.41	15.41	0.963	4.816	10:12:47 AM	11.124
973	19.4	15.4	0.963	4.813	10:12:48 AM	11.117
974	19.4	15.4	0.963	4.813	10:12:49 AM	11.117
975	19.41	15.41	0.963	4.816	10:12:50 AM	11.124
976	19.4	15.4	0.963	4.813	10:12:51 AM	11.117
977	19.4	15.4	0.963	4.813	10:12:52 AM	11.117
978	19.4	15.4	0.963	4.813	10:12:53 AM	11.117
979	19.4	15.4	0.963	4.813	10:12:54 AM	11.117
980	19.4	15.4	0.963	4.813	10:12:55 AM	11.117
981	19.4	15.4	0.963	4.813	10:12:56 AM	11.117
982	19.38	15.38	0.961	4.806	10:12:57 AM	11.102
983	19.38	15.38	0.961	4.806	10:12:58 AM	11.102
984	19.4	15.4	0.963	4.813	10:12:59 AM	11.117
985	19.38	15.38	0.961	4.806	10:13:00 AM	11.102
986	19.39	15.39	0.962	4.809	10:13:01 AM	11.110
987	19.38	15.38	0.961	4.806	10:13:02 AM	11.102
988	19.39	15.39	0.962	4.809	10:13:03 AM	11.110
989	19.38	15.38	0.961	4.806	10:13:04 AM	11.102
990	19.38	15.38	0.961	4.806	10:13:05 AM	11.102
991	19.38	15.38	0.961	4.806	10:13:06 AM	11.102
992	19.38	15.38	0.961	4.806	10:13:07 AM	11.102
993	19.38	15.38	0.961	4.806	10:13:08 AM	11.102
994	19.38	15.38	0.961	4.806	10:13:09 AM	11.102
995	19.38	15.38	0.961	4.806	10:13:10 AM	11.102
996	19.38	15.38	0.961	4.806	10:13:11 AM	11.102
997	19.38	15.38	0.961	4.806	10:13:12 AM	11.102
998	19.38	15.38	0.961	4.806	10:13:13 AM	11.102
999	19.38	15.38	0.961	4.806	10:13:14 AM	11.102
1000	19.38	15.38	0.961	4.806	10:13:15 AM	11.102
1001	19.38	15.38	0.961	4.806	10:13:16 AM	11.102
1002	19.38	15.38	0.961	4.806	10:13:17 AM	11.102
1003	19.37	15.37	0.961	4.803	10:13:18 AM	11.095
1004	19.38	15.38	0.961	4.806	10:13:19 AM	11.102
1005	19.38	15.38	0.961	4.806	10:13:20 AM	11.102
1006	19.37	15.37	0.961	4.803	10:13:21 AM	11.095
1007	19.37	15.37	0.961	4.803	10:13:22 AM	11.095
1008	19.38	15.38	0.961	4.806	10:13:23 AM	11.102
1009	19.38	15.38	0.961	4.806	10:13:24 AM	11.102
1010	19.37	15.37	0.961	4.803	10:13:25 AM	11.095
1011	19.37	15.37	0.961	4.803	10:13:26 AM	11.095
1012	19.37	15.37	0.961	4.803	10:13:27 AM	11.095
1013	19.37	15.37	0.961	4.803	10:13:28 AM	11.095
1014	19.37	15.37	0.961	4.803	10:13:29 AM	11.095
1015	19.37	15.37	0.961	4.803	10:13:30 AM	11.095
1016	19.36	15.36	0.960	4.800	10:13:31 AM	11.088
1017	19.37	15.37	0.961	4.803	10:13:32 AM	11.095
1018	19.37	15.37	0.961	4.803	10:13:33 AM	11.095
1019	19.37	15.37	0.961	4.803	10:13:34 AM	11.095
1020	19.36	15.36	0.960	4.800	10:13:35 AM	11.088
1021	19.36	15.36	0.960	4.800	10:13:36 AM	11.088
1022	19.36	15.36	0.960	4.800	10:13:37 AM	11.088
1023	19.36	15.36	0.960	4.800	10:13:38 AM	11.088
1024	19.36	15.36	0.960	4.800	10:13:39 AM	11.088
1025	19.36	15.36	0.960	4.800	10:13:40 AM	11.088
1026	19.36	15.36	0.960	4.800	10:13:41 AM	11.088
1027	19.36	15.36	0.960	4.800	10:13:42 AM	11.088
1028	19.35	15.35	0.959	4.797	10:13:43 AM	11.081
1029	19.36	15.36	0.960	4.800	10:13:44 AM	11.088
1030	19.36	15.36	0.960	4.800	10:13:45 AM	11.088
1031	19.36	15.36	0.960	4.800	10:13:46 AM	11.088
1032	19.36	15.36	0.960	4.800	10:13:47 AM	11.088
1033	19.36	15.36	0.960	4.800	10:13:48 AM	11.088
1034	19.35	15.35	0.959	4.797	10:13:49 AM	11.081
1035	19.36	15.36	0.960	4.800	10:13:50 AM	11.088
1036	19.34	15.34	0.959	4.794	10:13:51 AM	11.074
1037	19.35	15.35	0.959	4.797	10:13:52 AM	11.081
1038	19.35	15.35	0.959	4.797	10:13:53 AM	11.081
1039	19.34	15.34	0.959	4.794	10:13:54 AM	11.074
1040	19.35	15.35	0.959	4.797	10:13:55 AM	11.081
1041	19.35	15.35	0.959	4.797	10:13:56 AM	11.081
1042	19.35	15.35	0.959	4.797	10:13:57 AM	11.081
1043	19.34	15.34	0.959	4.794	10:13:58 AM	11.074
1044	19.35	15.35	0.959	4.797	10:13:59 AM	11.081
1045	19.34	15.34	0.959	4.794	10:14:00 AM	11.074
1046	19.34	15.34	0.959	4.794	10:14:01 AM	11.074
1047	19.35	15.35	0.959	4.797	10:14:02 AM	11.081
1048	19.34	15.34	0.959	4.794	10:14:03 AM	11.074
1049	19.34	15.34	0.959	4.794	10:14:04 AM	11.074
1050	19.34	15.34	0.959	4.794	10:14:05 AM	11.074
1051	19.34	15.34	0.959	4.794	10:14:06 AM	11.074
1052	19.35	15.35	0.959	4.797	10:14:07 AM	11.081
1053	19.34	15.34	0.959	4.794	10:14:08 AM	11.074
1054	19.33	15.33	0.958	4.791	10:14:09 AM	11.066
1055	19.34	15.34	0.959	4.794	10:14:10 AM	11.074
1056	19.34	15.34	0.959	4.794	10:14:11 AM	11.074
1057	19.34	15.34	0.959	4.794	10:14:12 AM	11.074
1058	19.34	15.34	0.959	4.794	10:14:13 AM	11.074
1059	19.34	15.34	0.959	4.794	10:14:14 AM	11.074
1060	19.34	15.34	0.959	4.794	10:14:15 AM	11.074
1061	19.34	15.34	0.959	4.794	10:14:16 AM	11.074
1062	19.34	15.34	0.959	4.794	10:14:17 AM	11.074
1063	19.34	15.34	0.959	4.794	10:14:18 AM	11.074
1064	19.34	15.34	0.959	4.794	10:14:19 AM	11.074
1065	19.34	15.34	0.959	4.794	10:14:20 AM	11.074
1066	19.33	15.33	0.958	4.791	10:14:21 AM	11.066
1067	19.33	15.33	0.958	4.791	10:14:22 AM	11.066
1068	19.33	15.33	0.958	4.791	10:14:23 AM	11.066
1069	19.33	15.33	0.958	4.791	10:14:24 AM	11.066
1070	19.33	15.33	0.958	4.791	10:14:25 AM	11.066
1071	19.34	15.34	0.959	4.794	10:14:26 AM	11.074
1072	19.33	15.33	0.958	4.791	10:14:27 AM	11.066
1073	19.33	15.33	0.958	4.791	10:14:28 AM	11.066
1074	19.33	15.33	0.958	4.791	10:14:29 AM	11.066
1075	19.33	15.33	0.958	4.791	10:14:30 AM	11.066
1076	19.33	15.33	0.958	4.791	10:14:31 AM	11.066
1077	19.33	15.33	0.958	4.791	10:14:32 AM	11.066
1078	19.33	15.33	0.958	4.791	10:14:33 AM	11.066
1079	19.32	15.32	0.958	4.788	10:14:34 AM	11.059
1080	19.32	15.32	0.958	4.788	10:14:35 AM	11.059
1081	19.33	15.33	0.958	4.791	10:14:36 AM	11.066
1082	19.33	15.33	0.958	4.791	10:14:37 AM	11.066
1083	19.32	15.32	0.958	4.788	10:14:38 AM	11.059
1084	19.33	15.33	0.958	4.791	10:14:39 AM	11.066
1085	19.33	15.33	0.958	4.791	10:14:40 AM	11.066
1086	19.33	15.33	0.958	4.791	10:14:41 AM	11.066
1087	19.33	15.33	0.958	4.791	10:14:42 AM	11.066
1088	19.32	15.32	0.958	4.788	10:14:43 AM	11.059
1089	19.32	15.32	0.958	4.788	10:14:44 AM	11.059
1090	19.33	15.33	0.958	4.791	10:14:45 AM	11.066
1091	19.32	15.32	0.958	4.788	10:14:46 AM	11.059
1092	19.32	15.32	0.958	4.788	10:14:47 AM	11.059
1093	19.32	15.32	0.958	4.788	10:14:48 AM	11.059
1094	19.33	15.33	0.958	4.791	10:14:49 AM	11.066
1095	19.32	15.32	0.958	4.788	10:14:50 AM	11.059
1096	19.32	15.32	0.958	4.788	10:14:51 AM	11.059
1097	19.32	15.32	0.958	4.788	10:14:52 AM	11.059
1098	19.32	15.32	0.958	4.788	10:14:53 AM	11.059
1099	19.32	15.32	0.958	4.788	10:14:54 AM	11.059
1100	19.32	15.32	0.958	4.788	10:14:55 AM	11.059
1101	19.32	15.32	0.958	4.788	10:14:56 AM	11.059
1102	19.32	15.32	0.958	4.788	10:14:57 AM	11.059
1103	19.32	15.32	0.958	4.788	10:14:58 AM	11.059
1104	19.33	15.33	0.958	4.791	10:14:59 AM	11.066
1105	19.32	15.32	0.958	4.788	10:15:00 AM	11.059
1106	19.29	15.29	0.956	4.778	10:15:01 AM	11.037
1107	19.32	15.32	0.958	4.788	10:15:02 AM	11.059
1108	19.32	15.32	0.958	4.788	10:15:03 AM	11.059
1109	19.3	15.3	0.956	4.781	10:15:04 AM	11.045
1110	19.3	15.3	0.956	4.781	10:15:05 AM	11.045
1111	19.32	15.32	0.958	4.788	10:15:06 AM	11.059
1112	19.3	15.3	0.956	4.781	10:15:07 AM	11.045
1113	19.3	15.3	0.956	4.781	10:15:08 AM	11.045
1114	19.3	15.3	0.956	4.781	10:15:09 AM	11.045
1115	19.3	15.3	0.956	4.781	10:15:10 AM	11.045
1116	19.32	15.32	0.958	4.788	10:15:11 AM	11.059
1117	19.3	15.3	0.956	4.781	10:15:12 AM	11.045
1118	19.29	15.29	0.956	4.778	10:15:13 AM	11.037
1119	19.32	15.32	0.958	4.788	10:15:14 AM	11.059
1120	19.32	15.32	0.958	4.788	10:15:15 AM	11.059
1121	19.3	15.3	0.956	4.781	10:15:16 AM	11.045
1122	19.3	15.3	0.956	4.781	10:15:17 AM	11.045
1123	19.29	15.29	0.956	4.778	10:15:18 AM	11.037
1124	19.3	15.3	0.956	4.781	10:15:19 AM	11.045
1125	19.3	15.3	0.956	4.781	10:15:20 AM	11.045
1126	19.32	15.32	0.958	4.788	10:15:21 AM	11.059
1127	19.29	15.29	0.956	4.778	10:15:22 AM	11.037
1128	19.29	15.29	0.956	4.778	10:15:23 AM	11.037
1129	19.3	15.3	0.956	4.781	10:15:24 AM	11.045

1130	19.29	15.29	0.956	4.778	10:15:25 AM	11.037
1131	19.3	15.3	0.956	4.781	10:15:26 AM	11.045
1132	19.29	15.29	0.956	4.778	10:15:27 AM	11.037
1133	19.29	15.29	0.956	4.778	10:15:28 AM	11.037
1134	19.29	15.29	0.956	4.778	10:15:29 AM	11.037
1135	19.29	15.29	0.956	4.778	10:15:30 AM	11.037
1136	19.3	15.3	0.956	4.781	10:15:31 AM	11.045
1137	19.29	15.29	0.956	4.778	10:15:32 AM	11.037
1138	19.29	15.29	0.956	4.778	10:15:33 AM	11.037
1139	19.29	15.29	0.956	4.778	10:15:34 AM	11.037
1140	19.29	15.29	0.956	4.778	10:15:35 AM	11.037
1141	19.29	15.29	0.956	4.778	10:15:36 AM	11.037
1142	19.29	15.29	0.956	4.778	10:15:37 AM	11.037
1143	19.29	15.29	0.956	4.778	10:15:38 AM	11.037
1144	19.3	15.3	0.956	4.781	10:15:39 AM	11.045
1145	19.28	15.28	0.955	4.775	10:15:40 AM	11.030
1146	19.29	15.29	0.956	4.778	10:15:41 AM	11.037
1147	19.29	15.29	0.956	4.778	10:15:42 AM	11.037
1148	19.29	15.29	0.956	4.778	10:15:43 AM	11.037
1149	19.29	15.29	0.956	4.778	10:15:44 AM	11.037
1150	19.28	15.28	0.955	4.775	10:15:45 AM	11.030
1151	19.29	15.29	0.956	4.778	10:15:46 AM	11.037
1152	19.29	15.29	0.956	4.778	10:15:47 AM	11.037
1153	19.29	15.29	0.956	4.778	10:15:48 AM	11.037
1154	19.28	15.28	0.955	4.775	10:15:49 AM	11.030
1155	19.29	15.29	0.956	4.778	10:15:50 AM	11.037
1156	19.29	15.29	0.956	4.778	10:15:51 AM	11.037
1157	19.28	15.28	0.955	4.775	10:15:52 AM	11.030
1158	19.29	15.29	0.956	4.778	10:15:53 AM	11.037
1159	19.28	15.28	0.955	4.775	10:15:54 AM	11.030
1160	19.29	15.29	0.956	4.778	10:15:55 AM	11.037
1161	19.28	15.28	0.955	4.775	10:15:56 AM	11.030
1162	19.29	15.29	0.956	4.778	10:15:57 AM	11.037
1163	19.29	15.29	0.956	4.778	10:15:58 AM	11.037
1164	19.28	15.28	0.955	4.775	10:15:59 AM	11.030
1165	19.29	15.29	0.956	4.778	10:16:00 AM	11.037
1166	19.28	15.28	0.955	4.775	10:16:01 AM	11.030
1167	19.29	15.29	0.956	4.778	10:16:02 AM	11.037
1168	19.29	15.29	0.956	4.778	10:16:03 AM	11.037
1169	19.29	15.29	0.956	4.778	10:16:04 AM	11.037
1170	19.28	15.28	0.955	4.775	10:16:05 AM	11.030
1171	19.28	15.28	0.955	4.775	10:16:06 AM	11.030
1172	19.28	15.28	0.955	4.775	10:16:07 AM	11.030
1173	19.28	15.28	0.955	4.775	10:16:08 AM	11.030
1174	19.29	15.29	0.956	4.778	10:16:09 AM	11.037
1175	19.29	15.29	0.956	4.778	10:16:10 AM	11.037
1176	19.28	15.28	0.955	4.775	10:16:11 AM	11.030
1177	19.28	15.28	0.955	4.775	10:16:12 AM	11.030
1178	19.28	15.28	0.955	4.775	10:16:13 AM	11.030
1179	19.27	15.27	0.954	4.772	10:16:14 AM	11.023
1180	19.28	15.28	0.955	4.775	10:16:15 AM	11.030
1181	19.28	15.28	0.955	4.775	10:16:16 AM	11.030
1182	19.28	15.28	0.955	4.775	10:16:17 AM	11.030
1183	19.29	15.29	0.956	4.778	10:16:18 AM	11.037
1184	19.28	15.28	0.955	4.775	10:16:19 AM	11.030
1185	19.29	15.29	0.956	4.778	10:16:20 AM	11.037
1186	19.28	15.28	0.955	4.775	10:16:21 AM	11.030
1187	19.28	15.28	0.955	4.775	10:16:22 AM	11.030
1188	19.27	15.27	0.954	4.772	10:16:23 AM	11.023
1189	19.28	15.28	0.955	4.775	10:16:24 AM	11.030
1190	19.29	15.29	0.956	4.778	10:16:25 AM	11.037
1191	19.28	15.28	0.955	4.775	10:16:26 AM	11.030
1192	19.28	15.28	0.955	4.775	10:16:27 AM	11.030
1193	19.27	15.27	0.954	4.772	10:16:28 AM	11.023
1194	19.28	15.28	0.955	4.775	10:16:29 AM	11.030
1195	19.29	15.29	0.956	4.778	10:16:30 AM	11.037
1196	19.27	15.27	0.954	4.772	10:16:31 AM	11.023
1197	19.28	15.28	0.955	4.775	10:16:32 AM	11.030
1198	19.28	15.28	0.955	4.775	10:16:33 AM	11.030
1199	19.28	15.28	0.955	4.775	10:16:34 AM	11.030
1200	19.28	15.28	0.955	4.775	10:16:35 AM	11.030
1201	19.27	15.27	0.954	4.772	10:16:36 AM	11.023
1202	19.27	15.27	0.954	4.772	10:16:37 AM	11.023
1203	19.28	15.28	0.955	4.775	10:16:38 AM	11.030
1204	19.27	15.27	0.954	4.772	10:16:39 AM	11.023
1205	19.28	15.28	0.955	4.775	10:16:40 AM	11.030
1206	19.27	15.27	0.954	4.772	10:16:41 AM	11.023
1207	19.29	15.29	0.956	4.778	10:16:42 AM	11.037
1208	19.28	15.28	0.955	4.775	10:16:43 AM	11.030
1209	19.27	15.27	0.954	4.772	10:16:44 AM	11.023
1210	19.28	15.28	0.955	4.775	10:16:45 AM	11.030
1211	19.27	15.27	0.954	4.772	10:16:46 AM	11.023
1212	19.28	15.28	0.955	4.775	10:16:47 AM	11.030
1213	19.28	15.28	0.955	4.775	10:16:48 AM	11.030
1214	19.28	15.28	0.955	4.775	10:16:49 AM	11.030
1215	19.27	15.27	0.954	4.772	10:16:50 AM	11.023
1216	19.28	15.28	0.955	4.775	10:16:51 AM	11.030
1217	19.27	15.27	0.954	4.772	10:16:52 AM	11.023
1218	19.28	15.28	0.955	4.775	10:16:53 AM	11.030
1219	19.28	15.28	0.955	4.775	10:16:54 AM	11.030
1220	19.27	15.27	0.954	4.772	10:16:55 AM	11.023
1221	19.27	15.27	0.954	4.772	10:16:56 AM	11.023
1222	19.28	15.28	0.955	4.775	10:16:57 AM	11.030
1223	19.27	15.27	0.954	4.772	10:16:58 AM	11.023
1224	19.28	15.28	0.955	4.775	10:16:59 AM	11.030
1225	19.27	15.27	0.954	4.772	10:17:00 AM	11.023
1226	19.28	15.28	0.955	4.775	10:17:01 AM	11.030
1227	19.27	15.27	0.954	4.772	10:17:02 AM	11.023
1228	19.27	15.27	0.954	4.772	10:17:03 AM	11.023
1229	19.27	15.27	0.954	4.772	10:17:04 AM	11.023
1230	19.27	15.27	0.954	4.772	10:17:05 AM	11.023
1231	19.27	15.27	0.954	4.772	10:17:06 AM	11.023
1232	19.27	15.27	0.954	4.772	10:17:07 AM	11.023
1233	19.26	15.26	0.954	4.769	10:17:08 AM	11.016
1234	19.28	15.28	0.955	4.775	10:17:09 AM	11.030
1235	19.27	15.27	0.954	4.772	10:17:10 AM	11.023
1236	19.27	15.27	0.954	4.772	10:17:11 AM	11.023
1237	19.28	15.28	0.955	4.775	10:17:12 AM	11.030
1238	19.27	15.27	0.954	4.772	10:17:13 AM	11.023
1239	19.27	15.27	0.954	4.772	10:17:14 AM	11.023
1240	19.27	15.27	0.954	4.772	10:17:15 AM	11.023
1241	19.27	15.27	0.954	4.772	10:17:16 AM	11.023
1242	19.28	15.28	0.955	4.775	10:17:17 AM	11.030
1243	19.27	15.27	0.954	4.772	10:17:18 AM	11.023
1244	19.27	15.27	0.954	4.772	10:17:19 AM	11.023
1245	19.27	15.27	0.954	4.772	10:17:20 AM	11.023
1246	19.27	15.27	0.954	4.772	10:17:21 AM	11.023
1247	19.27	15.27	0.954	4.772	10:17:22 AM	11.023
1248	19.27	15.27	0.954	4.772	10:17:23 AM	11.023
1249	19.27	15.27	0.954	4.772	10:17:24 AM	11.023
1250	19.27	15.27	0.954	4.772	10:17:25 AM	11.023
1251	19.27	15.27	0.954	4.772	10:17:26 AM	11.023
1252	19.27	15.27	0.954	4.772	10:17:27 AM	11.023
1253	19.28	15.28	0.955	4.775	10:17:28 AM	11.030
1254	19.27	15.27	0.954	4.772	10:17:29 AM	11.023
1255	19.29	15.29	0.956	4.778	10:17:30 AM	11.037
1256	19.28	15.28	0.955	4.775	10:17:31 AM	11.030
1257	19.28	15.28	0.955	4.775	10:17:32 AM	11.030
1258	19.28	15.28	0.955	4.775	10:17:33 AM	11.030
1259	19.27	15.27	0.954	4.772	10:17:34 AM	11.023
1260	19.27	15.27	0.954	4.772	10:17:35 AM	11.023
1261	19.28	15.28	0.955	4.775	10:17:36 AM	11.030
1262	19.27	15.27	0.954	4.772	10:17:37 AM	11.023
1263	19.27	15.27	0.954	4.772	10:17:38 AM	11.023
1264	19.27	15.27	0.954	4.772	10:17:39 AM	11.023
1265	19.28	15.28	0.955	4.775	10:17:40 AM	11.030
1266	19.27	15.27	0.954	4.772	10:17:41 AM	11.023
1267	19.27	15.27	0.954	4.772	10:17:42 AM	11.023
1268	19.27	15.27	0.954	4.772	10:17:43 AM	11.023
1269	19.27	15.27	0.954	4.772	10:17:44 AM	11.023
1270	19.27	15.27	0.954	4.772	10:17:45 AM	11.023
1271	19.26	15.26	0.954	4.769	10:17:46 AM	11.016
1272	19.27	15.27	0.954	4.772	10:17:47 AM	11.023
1273	19.27	15.27	0.954	4.772	10:17:48 AM	11.023
1274	19.27	15.27	0.954	4.772	10:17:49 AM	11.023
1275	19.25	15.25	0.953	4.766	10:17:50 AM	11.009
1276	19.26	15.26	0.954	4.769	10:17:51 AM	11.016
1277	19.26	15.26	0.954	4.769	10:17:52 AM	11.016
1278	19.26	15.26	0.954	4.769	10:17:53 AM	11.016
1279	19.25	15.25	0.953	4.766	10:17:54 AM	11.009
1280	19.25	15.25	0.953	4.766	10:17:55 AM	11.009
1281	19.25	15.25	0.953	4.766	10:17:56 AM	11.009
1282	19.25	15.25	0.953	4.766	10:17:57 AM	11.009
1283	19.25	15.25	0.953	4.766	10:17:58 AM	11.009
1284	19.25	15.25	0.953	4.766	10:17:59 AM	11.009
1285	19.25	15.25	0.953	4.766	10:18:00 AM	11.009
1286	19.26	15.26	0.954	4.769	10:18:01 AM	11.016
1287	19.26	15.26	0.954	4.769	10:18:02 AM	11.016
1288	19.24	15.24	0.953	4.763	10:18:03 AM	11.001
1289	19.27	15.27	0.954	4.772	10:18:04 AM	11.023
1290	19.27	15.27	0.954	4.772	10:18:05 AM	11.023
1291	19.28	15.28	0.955	4.775	10:18:06 AM	11.030

1292	19.29	15.29	0.956	4.778	10:18:07 AM	11.037
1293	19.25	15.25	0.953	4.766	10:18:08 AM	11.009
1294	19.29	15.29	0.956	4.778	10:18:09 AM	11.037
1295	19.25	15.25	0.953	4.766	10:18:10 AM	11.009
1296	19.25	15.25	0.953	4.766	10:18:11 AM	11.009
1297	19.25	15.25	0.953	4.766	10:18:12 AM	11.009
1298	16.06	12.06	0.754	3.769	10:18:13 AM	8.706
1299	17.3	13.3	0.831	4.156	10:18:14 AM	9.601
1300	17.65	13.65	0.853	4.266	10:18:15 AM	9.854
1301	17.93	13.93	0.871	4.353	10:18:16 AM	10.056
1302	18.13	14.13	0.883	4.416	10:18:17 AM	10.200
1303	18.29	14.29	0.893	4.466	10:18:18 AM	10.316
1304	18.41	14.41	0.901	4.503	10:18:19 AM	10.402
1305	18.51	14.51	0.907	4.534	10:18:20 AM	10.474
1306	18.57	14.57	0.911	4.553	10:18:21 AM	10.518
1307	18.64	14.64	0.915	4.575	10:18:22 AM	10.568
1308	18.67	14.67	0.917	4.584	10:18:23 AM	10.590
1309	18.7	14.7	0.919	4.594	10:18:24 AM	10.612
1310	18.74	14.74	0.921	4.606	10:18:25 AM	10.640
1311	18.76	14.76	0.923	4.613	10:18:26 AM	10.655
1312	18.77	14.77	0.923	4.616	10:18:27 AM	10.662
1313	18.8	14.8	0.925	4.625	10:18:28 AM	10.684
1314	18.81	14.81	0.926	4.628	10:18:29 AM	10.691
1315	18.83	14.83	0.927	4.634	10:18:30 AM	10.705
1316	18.83	14.83	0.927	4.634	10:18:31 AM	10.705
1317	18.85	14.85	0.928	4.641	10:18:32 AM	10.720
1318	18.86	14.86	0.929	4.644	10:18:33 AM	10.727
1319	18.86	14.86	0.929	4.644	10:18:34 AM	10.727
1320	18.89	14.89	0.931	4.653	10:18:35 AM	10.749
1321	18.88	14.88	0.930	4.650	10:18:36 AM	10.742
1322	18.89	14.89	0.931	4.653	10:18:37 AM	10.749
1323	18.9	14.9	0.931	4.656	10:18:38 AM	10.756
1324	18.9	14.9	0.931	4.656	10:18:39 AM	10.756
1325	18.91	14.91	0.932	4.659	10:18:40 AM	10.763
1326	18.91	14.91	0.932	4.659	10:18:41 AM	10.763
1327	18.92	14.92	0.933	4.663	10:18:42 AM	10.770
1328	18.92	14.92	0.933	4.663	10:18:43 AM	10.770
1329	18.92	14.92	0.933	4.663	10:18:44 AM	10.770
1330	18.92	14.92	0.933	4.663	10:18:45 AM	10.770
1331	18.95	14.95	0.934	4.672	10:18:46 AM	10.792
1332	18.94	14.94	0.934	4.669	10:18:47 AM	10.785
1333	18.94	14.94	0.934	4.669	10:18:48 AM	10.785
1334	18.94	14.94	0.934	4.669	10:18:49 AM	10.785
1335	18.94	14.94	0.934	4.669	10:18:50 AM	10.785
1336	18.97	14.97	0.936	4.678	10:18:51 AM	10.806
1337	18.97	14.97	0.936	4.678	10:18:52 AM	10.806
1338	18.97	14.97	0.936	4.678	10:18:53 AM	10.806
1339	18.97	14.97	0.936	4.678	10:18:54 AM	10.806
1340	18.97	14.97	0.936	4.678	10:18:55 AM	10.806
1341	18.98	14.98	0.936	4.681	10:18:56 AM	10.814
1342	18.99	14.99	0.937	4.684	10:18:57 AM	10.821
1343	18.99	14.99	0.937	4.684	10:18:58 AM	10.821
1344	18.99	14.99	0.937	4.684	10:18:59 AM	10.821
1345	19.01	15.01	0.938	4.691	10:19:00 AM	10.835
1346	19	15	0.938	4.688	10:19:01 AM	10.828
1347	19.01	15.01	0.938	4.691	10:19:02 AM	10.835
1348	19.01	15.01	0.938	4.691	10:19:03 AM	10.835
1349	19.01	15.01	0.938	4.691	10:19:04 AM	10.835
1350	19.01	15.01	0.938	4.691	10:19:05 AM	10.835
1351	19.01	15.01	0.938	4.691	10:19:06 AM	10.835
1352	19.01	15.01	0.938	4.691	10:19:07 AM	10.835
1353	19.01	15.01	0.938	4.691	10:19:08 AM	10.835
1354	19.01	15.01	0.938	4.691	10:19:09 AM	10.835
1355	19.02	15.02	0.939	4.694	10:19:10 AM	10.843
1356	19.03	15.03	0.939	4.697	10:19:11 AM	10.850
1357	19.02	15.02	0.939	4.694	10:19:12 AM	10.843
1358	19.02	15.02	0.939	4.694	10:19:13 AM	10.843
1359	19.01	15.01	0.938	4.691	10:19:14 AM	10.835
1360	19.03	15.03	0.939	4.697	10:19:15 AM	10.850
1361	19.06	15.06	0.941	4.706	10:19:16 AM	10.871
1362	19.03	15.03	0.939	4.697	10:19:17 AM	10.850
1363	19.03	15.03	0.939	4.697	10:19:18 AM	10.850
1364	19.03	15.03	0.939	4.697	10:19:19 AM	10.850
1365	19.03	15.03	0.939	4.697	10:19:20 AM	10.850
1366	19.05	15.05	0.941	4.703	10:19:21 AM	10.864
1367	19.04	15.04	0.940	4.700	10:19:22 AM	10.857
1368	19.05	15.05	0.941	4.703	10:19:23 AM	10.864
1369	19.04	15.04	0.940	4.700	10:19:24 AM	10.857
1370	19.05	15.05	0.941	4.703	10:19:25 AM	10.864
1371	19.05	15.05	0.941	4.703	10:19:26 AM	10.864
1372	19.06	15.06	0.941	4.706	10:19:27 AM	10.871
1373	19.05	15.05	0.941	4.703	10:19:28 AM	10.864
1374	19.05	15.05	0.941	4.703	10:19:29 AM	10.864
1375	19.05	15.05	0.941	4.703	10:19:30 AM	10.864
1376	19.06	15.06	0.941	4.706	10:19:31 AM	10.871
1377	19.06	15.06	0.941	4.706	10:19:32 AM	10.871
1378	19.05	15.05	0.941	4.703	10:19:33 AM	10.864
1379	19.06	15.06	0.941	4.706	10:19:34 AM	10.871
1380	19.07	15.07	0.942	4.709	10:19:35 AM	10.879
1381	19.07	15.07	0.942	4.709	10:19:36 AM	10.879
1382	19.06	15.06	0.941	4.706	10:19:37 AM	10.871
1383	19.06	15.06	0.941	4.706	10:19:38 AM	10.871
1384	19.03	15.03	0.939	4.697	10:19:39 AM	10.850
1385	19.09	15.09	0.943	4.716	10:19:40 AM	10.893
1386	19.07	15.07	0.942	4.709	10:19:41 AM	10.879
1387	19.07	15.07	0.942	4.709	10:19:42 AM	10.879
1388	19.07	15.07	0.942	4.709	10:19:43 AM	10.879
1389	19.07	15.07	0.942	4.709	10:19:44 AM	10.879
1390	19.07	15.07	0.942	4.709	10:19:45 AM	10.879
1391	19.09	15.09	0.943	4.716	10:19:46 AM	10.893
1392	19.1	15.1	0.944	4.719	10:19:47 AM	10.900
1393	19.1	15.1	0.944	4.719	10:19:48 AM	10.900
1394	19.09	15.09	0.943	4.716	10:19:49 AM	10.893
1395	19.09	15.09	0.943	4.716	10:19:50 AM	10.893
1396	19.09	15.09	0.943	4.716	10:19:51 AM	10.893
1397	19.1	15.1	0.944	4.719	10:19:52 AM	10.900
1398	19.1	15.1	0.944	4.719	10:19:53 AM	10.900
1399	19.09	15.09	0.943	4.716	10:19:54 AM	10.893
1400	19.09	15.09	0.943	4.716	10:19:55 AM	10.893
1401	19.1	15.1	0.944	4.719	10:19:56 AM	10.900
1402	19.1	15.1	0.944	4.719	10:19:57 AM	10.900
1403	19.09	15.09	0.943	4.716	10:19:58 AM	10.893
1404	19.1	15.1	0.944	4.719	10:19:59 AM	10.900
1405	19.1	15.1	0.944	4.719	10:20:00 AM	10.900
1406	19.1	15.1	0.944	4.719	10:20:01 AM	10.900
1407	19.07	15.07	0.942	4.709	10:20:02 AM	10.879
1408	19.12	15.12	0.945	4.725	10:20:03 AM	10.915
1409	19.1	15.1	0.944	4.719	10:20:04 AM	10.900
1410	19.1	15.1	0.944	4.719	10:20:05 AM	10.900
1411	19.11	15.11	0.944	4.722	10:20:06 AM	10.908
1412	19.1	15.1	0.944	4.719	10:20:07 AM	10.900
1413	19.11	15.11	0.944	4.722	10:20:08 AM	10.908
1414	19.11	15.11	0.944	4.722	10:20:09 AM	10.908
1415	19.11	15.11	0.944	4.722	10:20:10 AM	10.908
1416	19.11	15.11	0.944	4.722	10:20:11 AM	10.908
1417	19.11	15.11	0.944	4.722	10:20:12 AM	10.908
1418	19.12	15.12	0.945	4.725	10:20:13 AM	10.915
1419	19.12	15.12	0.945	4.725	10:20:14 AM	10.915
1420	19.12	15.12	0.945	4.725	10:20:15 AM	10.915
1421	19.11	15.11	0.944	4.722	10:20:16 AM	10.908
1422	19.11	15.11	0.944	4.722	10:20:17 AM	10.908
1423	19.12	15.12	0.945	4.725	10:20:18 AM	10.915
1424	19.12	15.12	0.945	4.725	10:20:19 AM	10.915
1425	19.11	15.11	0.944	4.722	10:20:20 AM	10.908
1426	19.11	15.11	0.944	4.722	10:20:21 AM	10.908
1427	19.12	15.12	0.945	4.725	10:20:22 AM	10.915
1428	19.1	15.1	0.944	4.719	10:20:23 AM	10.900
1429	19.13	15.13	0.946	4.728	10:20:24 AM	10.922
1430	19.14	15.14	0.946	4.731	10:20:25 AM	10.929
1431	19.11	15.11	0.944	4.722	10:20:26 AM	10.908
1432	19.12	15.12	0.945	4.725	10:20:27 AM	10.915
1433	19.12	15.12	0.945	4.725	10:20:28 AM	10.915
1434	19.11	15.11	0.944	4.722	10:20:29 AM	10.908
1435	19.12	15.12	0.945	4.725	10:20:30 AM	10.915
1436	19.12	15.12	0.945	4.725	10:20:31 AM	10.915
1437	19.12	15.12	0.945	4.725	10:20:32 AM	10.915
1438	19.12	15.12	0.945	4.725	10:20:33 AM	10.915
1439	19.12	15.12	0.945	4.725	10:20:34 AM	10.915
1440	19.12	15.12	0.945	4.725	10:20:35 AM	10.915
1441	19.12	15.12	0.945	4.725	10:20:36 AM	10.915
1442	19.14	15.14	0.946	4.731	10:20:37 AM	10.929
1443	19.14	15.14	0.946	4.731	10:20:38 AM	10.929
1444	19.12	15.12	0.945	4.725	10:20:39 AM	10.915
1445	19.13	15.13	0.946	4.728	10:20:40 AM	10.922
1446	19.13	15.13	0.946	4.728	10:20:41 AM	10.922
1447	19.12	15.12	0.945	4.725	10:20:42 AM	10.915
1448	19.12	15.12	0.945	4.725	10:20:43 AM	10.915
1449	19.12	15.12	0.945	4.725	10:20:44 AM	10.915
1450	19.12	15.12	0.945	4.725	10:20:45 AM	10.915
1451	19.14	15.14	0.946	4.731	10:20:46 AM	10.929
1452	19.16	15.16	0.948	4.738	10:20:47 AM	10.944
1453	19.13	15.13	0.946	4.728	10:20:48 AM	10.922

1454	19.14	15.14	0.946	4.731	10:20:49 AM	10.929
1455	19.14	15.14	0.946	4.731	10:20:50 AM	10.929
1456	19.14	15.14	0.946	4.731	10:20:51 AM	10.929
1457	19.13	15.13	0.946	4.728	10:20:52 AM	10.922
1458	19.13	15.13	0.946	4.728	10:20:53 AM	10.922
1459	19.14	15.14	0.946	4.731	10:20:54 AM	10.929
1460	19.14	15.14	0.946	4.731	10:20:55 AM	10.929
1461	19.14	15.14	0.946	4.731	10:20:56 AM	10.929
1462	19.14	15.14	0.946	4.731	10:20:57 AM	10.929
1463	19.14	15.14	0.946	4.731	10:20:58 AM	10.929
1464	19.14	15.14	0.946	4.731	10:20:59 AM	10.929
1465	19.14	15.14	0.946	4.731	10:21:00 AM	10.929
1466	19.13	15.13	0.946	4.728	10:21:01 AM	10.922
1467	19.14	15.14	0.946	4.731	10:21:02 AM	10.929
1468	19.15	15.15	0.947	4.734	10:21:03 AM	10.936
1469	19.14	15.14	0.946	4.731	10:21:04 AM	10.929
1470	19.14	15.14	0.946	4.731	10:21:05 AM	10.929
1471	19.15	15.15	0.947	4.734	10:21:06 AM	10.936
1472	19.14	15.14	0.946	4.731	10:21:07 AM	10.929
1473	19.13	15.13	0.946	4.728	10:21:08 AM	10.922
1474	19.14	15.14	0.946	4.731	10:21:09 AM	10.929
1475	19.16	15.16	0.948	4.738	10:21:10 AM	10.944
1476	19.14	15.14	0.946	4.731	10:21:11 AM	10.929
1477	19.15	15.15	0.947	4.734	10:21:12 AM	10.936
1478	19.15	15.15	0.947	4.734	10:21:13 AM	10.936
1479	19.14	15.14	0.946	4.731	10:21:14 AM	10.929
1480	19.14	15.14	0.946	4.731	10:21:15 AM	10.929
1481	19.15	15.15	0.947	4.734	10:21:16 AM	10.936
1482	19.15	15.15	0.947	4.734	10:21:17 AM	10.936
1483	19.15	15.15	0.947	4.734	10:21:18 AM	10.936
1484	19.15	15.15	0.947	4.734	10:21:19 AM	10.936
1485	19.15	15.15	0.947	4.734	10:21:20 AM	10.936
1486	19.15	15.15	0.947	4.734	10:21:21 AM	10.936
1487	19.16	15.16	0.948	4.738	10:21:22 AM	10.944
1488	19.14	15.14	0.946	4.731	10:21:23 AM	10.929
1489	19.16	15.16	0.948	4.738	10:21:24 AM	10.944
1490	19.15	15.15	0.947	4.734	10:21:25 AM	10.936
1491	19.15	15.15	0.947	4.734	10:21:26 AM	10.936
1492	19.15	15.15	0.947	4.734	10:21:27 AM	10.936
1493	19.15	15.15	0.947	4.734	10:21:28 AM	10.936
1494	19.15	15.15	0.947	4.734	10:21:29 AM	10.936
1495	19.15	15.15	0.947	4.734	10:21:30 AM	10.936
1496	19.16	15.16	0.948	4.738	10:21:31 AM	10.944
1497	19.15	15.15	0.947	4.734	10:21:32 AM	10.936
1498	19.16	15.16	0.948	4.738	10:21:33 AM	10.944
1499	19.16	15.16	0.948	4.738	10:21:34 AM	10.944
1500	19.16	15.16	0.948	4.738	10:21:35 AM	10.944
1501	19.16	15.16	0.948	4.738	10:21:36 AM	10.944
1502	19.16	15.16	0.948	4.738	10:21:37 AM	10.944
1503	19.16	15.16	0.948	4.738	10:21:38 AM	10.944
1504	19.15	15.15	0.947	4.734	10:21:39 AM	10.936
1505	19.15	15.15	0.947	4.734	10:21:40 AM	10.936
1506	19.16	15.16	0.948	4.738	10:21:41 AM	10.944
1507	19.16	15.16	0.948	4.738	10:21:42 AM	10.944
1508	19.16	15.16	0.948	4.738	10:21:43 AM	10.944
1509	19.15	15.15	0.947	4.734	10:21:44 AM	10.936
1510	19.16	15.16	0.948	4.738	10:21:45 AM	10.944
1511	19.16	15.16	0.948	4.738	10:21:46 AM	10.944
1512	19.15	15.15	0.947	4.734	10:21:47 AM	10.936
1513	19.16	15.16	0.948	4.738	10:21:48 AM	10.944
1514	19.15	15.15	0.947	4.734	10:21:49 AM	10.936
1515	19.17	15.17	0.948	4.741	10:21:50 AM	10.951
1516	19.18	15.18	0.949	4.744	10:21:51 AM	10.958
1517	19.16	15.16	0.948	4.738	10:21:52 AM	10.944
1518	19.16	15.16	0.948	4.738	10:21:53 AM	10.944
1519	19.16	15.16	0.948	4.738	10:21:54 AM	10.944
1520	19.16	15.16	0.948	4.738	10:21:55 AM	10.944
1521	19.16	15.16	0.948	4.738	10:21:56 AM	10.944
1522	19.16	15.16	0.948	4.738	10:21:57 AM	10.944
1523	19.16	15.16	0.948	4.738	10:21:58 AM	10.944
1524	19.16	15.16	0.948	4.738	10:21:59 AM	10.944
1525	19.16	15.16	0.948	4.738	10:22:00 AM	10.944
1526	19.16	15.16	0.948	4.738	10:22:01 AM	10.944
1527	19.16	15.16	0.948	4.738	10:22:02 AM	10.944
1528	19.17	15.17	0.948	4.741	10:22:03 AM	10.951
1529	19.16	15.16	0.948	4.738	10:22:04 AM	10.944
1530	19.16	15.16	0.948	4.738	10:22:05 AM	10.944
1531	19.16	15.16	0.948	4.738	10:22:06 AM	10.944
1532	19.16	15.16	0.948	4.738	10:22:07 AM	10.944
1533	19.16	15.16	0.948	4.738	10:22:08 AM	10.944
1534	19.18	15.18	0.949	4.744	10:22:09 AM	10.958
1535	19.17	15.17	0.948	4.741	10:22:10 AM	10.951
1536	19.16	15.16	0.948	4.738	10:22:11 AM	10.944
1537	19.16	15.16	0.948	4.738	10:22:12 AM	10.944
1538	19.18	15.18	0.949	4.744	10:22:13 AM	10.958
1539	19.16	15.16	0.948	4.738	10:22:14 AM	10.944
1540	19.17	15.17	0.948	4.741	10:22:15 AM	10.951
1541	19.16	15.16	0.948	4.738	10:22:16 AM	10.944
1542	19.17	15.17	0.948	4.741	10:22:17 AM	10.951
1543	19.16	15.16	0.948	4.738	10:22:18 AM	10.944
1544	19.17	15.17	0.948	4.741	10:22:19 AM	10.951
1545	19.16	15.16	0.948	4.738	10:22:20 AM	10.944
1546	19.17	15.17	0.948	4.741	10:22:21 AM	10.951
1547	19.17	15.17	0.948	4.741	10:22:22 AM	10.951
1548	19.18	15.18	0.949	4.744	10:22:23 AM	10.958
1549	19.18	15.18	0.949	4.744	10:22:24 AM	10.958
1550	19.17	15.17	0.948	4.741	10:22:25 AM	10.951
1551	19.17	15.17	0.948	4.741	10:22:26 AM	10.951
1552	19.17	15.17	0.948	4.741	10:22:27 AM	10.951
1553	19.18	15.18	0.949	4.744	10:22:28 AM	10.958
1554	19.18	15.18	0.949	4.744	10:22:29 AM	10.958
1555	19.18	15.18	0.949	4.744	10:22:30 AM	10.958
1556	19.17	15.17	0.948	4.741	10:22:31 AM	10.951
1557	19.17	15.17	0.948	4.741	10:22:32 AM	10.951
1558	19.17	15.17	0.948	4.741	10:22:33 AM	10.951
1559	19.17	15.17	0.948	4.741	10:22:34 AM	10.951
1560	19.18	15.18	0.949	4.744	10:22:35 AM	10.958
1561	19.18	15.18	0.949	4.744	10:22:36 AM	10.958
1562	19.18	15.18	0.949	4.744	10:22:37 AM	10.958
1563	19.18	15.18	0.949	4.744	10:22:38 AM	10.958
1564	19.18	15.18	0.949	4.744	10:22:39 AM	10.958
1565	19.18	15.18	0.949	4.744	10:22:40 AM	10.958
1566	19.18	15.18	0.949	4.744	10:22:41 AM	10.958
1567	19.17	15.17	0.948	4.741	10:22:42 AM	10.951
1568	19.17	15.17	0.948	4.741	10:22:43 AM	10.951
1569	19.18	15.18	0.949	4.744	10:22:44 AM	10.958
1570	19.18	15.18	0.949	4.744	10:22:45 AM	10.958
1571	19.16	15.16	0.948	4.738	10:22:46 AM	10.944
1572	19.2	15.2	0.950	4.750	10:22:47 AM	10.973
1573	19.16	15.16	0.948	4.738	10:22:48 AM	10.944
1574	19.18	15.18	0.949	4.744	10:22:49 AM	10.958
1575	19.18	15.18	0.949	4.744	10:22:50 AM	10.958
1576	19.18	15.18	0.949	4.744	10:22:51 AM	10.958
1577	19.18	15.18	0.949	4.744	10:22:52 AM	10.958
1578	19.18	15.18	0.949	4.744	10:22:53 AM	10.958
1579	19.17	15.17	0.948	4.741	10:22:54 AM	10.951
1580	19.18	15.18	0.949	4.744	10:22:55 AM	10.958
1581	19.18	15.18	0.949	4.744	10:22:56 AM	10.958
1582	19.18	15.18	0.949	4.744	10:22:57 AM	10.958
1583	19.18	15.18	0.949	4.744	10:22:58 AM	10.958
1584	19.18	15.18	0.949	4.744	10:22:59 AM	10.958
1585	19.18	15.18	0.949	4.744	10:23:00 AM	10.958
1586	19.18	15.18	0.949	4.744	10:23:01 AM	10.958
1587	19.18	15.18	0.949	4.744	10:23:02 AM	10.958
1588	19.18	15.18	0.949	4.744	10:23:03 AM	10.958
1589	19.17	15.17	0.948	4.741	10:23:04 AM	10.951
1590	19.21	15.21	0.951	4.753	10:23:05 AM	10.980
1591	19.2	15.2	0.950	4.750	10:23:06 AM	10.973
1592	19.18	15.18	0.949	4.744	10:23:07 AM	10.958
1593	19.18	15.18	0.949	4.744	10:23:08 AM	10.958
1594	19.18	15.18	0.949	4.744	10:23:09 AM	10.958
1595	19.18	15.18	0.949	4.744	10:23:10 AM	10.958
1596	19.18	15.18	0.949	4.744	10:23:11 AM	10.958
1597	19.18	15.18	0.949	4.744	10:23:12 AM	10.958
1598	19.18	15.18	0.949	4.744	10:23:13 AM	10.958
1599	19.2	15.2	0.950	4.750	10:23:14 AM	10.973
1600	19.2	15.2	0.950	4.750	10:23:15 AM	10.973
1601	19.18	15.18	0.949	4.744	10:23:16 AM	10.958
1602	19.18	15.18	0.949	4.744	10:23:17 AM	10.958
1603	19.18	15.18	0.949	4.744	10:23:18 AM	10.958
1604	19.18	15.18	0.949	4.744	10:23:19 AM	10.958
1605	19.17	15.17	0.948	4.741	10:23:20 AM	10.951
1606	19.18	15.18	0.949	4.744	10:23:21 AM	10.958
1607	19.18	15.18	0.949	4.744	10:23:22 AM	10.958
1608	19.21	15.21	0.951	4.753	10:23:23 AM	10.980
1609	19.18	15.18	0.949	4.744	10:23:24 AM	10.958
1610	19.18	15.18	0.949	4.744	10:23:25 AM	10.958
1611	19.2	15.2	0.950	4.750	10:23:26 AM	10.973
1612	19.18	15.18	0.949	4.744	10:23:27 AM	10.958
1613	19.18	15.18	0.949	4.744	10:23:28 AM	10.958
1614	19.2	15.2	0.950	4.750	10:23:29 AM	10.973
1615	19.2	15.2	0.950	4.750	10:23:30 AM	10.973

1616	19.18	15.18	0.949	4.744	10:23:31 AM	10.958	
1617	19.2	15.2	0.950	4.750	10:23:32 AM	10.973	
1618	19.21	15.21	0.951	4.753	10:23:33 AM	10.980	
1619	19.18	15.18	0.949	4.744	10:23:34 AM	10.958	
1620	19.2	15.2	0.950	4.750	10:23:35 AM	10.973	
1621	19.2	15.2	0.950	4.750	10:23:36 AM	10.973	
1622	19.2	15.2	0.950	4.750	10:23:37 AM	10.973	
1623	19.2	15.2	0.950	4.750	10:23:38 AM	10.973	
1624	19.21	15.21	0.951	4.753	10:23:39 AM	10.980	
1625	19.2	15.2	0.950	4.750	10:23:40 AM	10.973	
1626	19.21	15.21	0.951	4.753	10:23:41 AM	10.980	
1627	19.2	15.2	0.950	4.750	10:23:42 AM	10.973	
1628	19.2	15.2	0.950	4.750	10:23:43 AM	10.973	
1629	19.2	15.2	0.950	4.750	10:23:44 AM	10.973	
1630	19.21	15.21	0.951	4.753	10:23:45 AM	10.980	
1631	19.18	15.18	0.949	4.744	10:23:46 AM	10.958	
1632	19.2	15.2	0.950	4.750	10:23:47 AM	10.973	
1633	19.21	15.21	0.951	4.753	10:23:48 AM	10.980	
1634	19.21	15.21	0.951	4.753	10:23:49 AM	10.980	
1635	19.21	15.21	0.951	4.753	10:23:50 AM	10.980	
1636	19.21	15.21	0.951	4.753	10:23:51 AM	10.980	
2152	23.09	19.09	1.193	5.966	10:32:27 AM	13.781	MW-1 drop test
2153	23.49	19.49	1.218	6.091	10:32:28 AM	14.069	
2154	23.49	19.49	1.218	6.091	10:32:29 AM	14.069	
2155	23.49	19.49	1.218	6.091	10:32:30 AM	14.069	
2156	23.5	19.5	1.219	6.094	10:32:31 AM	14.077	
2157	23.49	19.49	1.218	6.091	10:32:32 AM	14.069	
2158	23.5	19.5	1.219	6.094	10:32:33 AM	14.077	
2159	23.52	19.52	1.220	6.100	10:32:34 AM	14.091	
2161	23.54	19.54	1.221	6.106	10:32:36 AM	14.105	
2162	23.52	19.52	1.220	6.100	10:32:37 AM	14.091	
2163	23.53	19.53	1.221	6.103	10:32:38 AM	14.098	
2164	23.53	19.53	1.221	6.103	10:32:39 AM	14.098	
2165	23.49	19.49	1.218	6.091	10:32:40 AM	14.069	
2166	23.49	19.49	1.218	6.091	10:32:41 AM	14.069	
2167	23.5	19.5	1.219	6.094	10:32:42 AM	14.077	
2168	23.51	19.51	1.219	6.097	10:32:43 AM	14.084	
2169	23.51	19.51	1.219	6.097	10:32:44 AM	14.084	
2170	23.52	19.52	1.220	6.100	10:32:45 AM	14.091	
2171	23.52	19.52	1.220	6.100	10:32:46 AM	14.091	
2172	23.51	19.51	1.219	6.097	10:32:47 AM	14.084	
2173	23.49	19.49	1.218	6.091	10:32:48 AM	14.069	
2174	23.49	19.49	1.218	6.091	10:32:49 AM	14.069	
2175	23.49	19.49	1.218	6.091	10:32:50 AM	14.069	
2176	23.49	19.49	1.218	6.091	10:32:51 AM	14.069	
2177	23.5	19.5	1.219	6.094	10:32:52 AM	14.077	
2178	23.49	19.49	1.218	6.091	10:32:53 AM	14.069	
2179	23.52	19.52	1.220	6.100	10:32:54 AM	14.091	
2180	23.52	19.52	1.220	6.100	10:32:55 AM	14.091	
2181	23.52	19.52	1.220	6.100	10:32:56 AM	14.091	
2182	23.51	19.51	1.219	6.097	10:32:57 AM	14.084	
2183	23.53	19.53	1.221	6.103	10:32:58 AM	14.098	
2184	23.5	19.5	1.219	6.094	10:32:59 AM	14.077	
2185	23.49	19.49	1.218	6.091	10:33:00 AM	14.069	
2186	23.49	19.49	1.218	6.091	10:33:01 AM	14.069	
2187	23.51	19.51	1.219	6.097	10:33:02 AM	14.084	
2188	23.52	19.52	1.220	6.100	10:33:03 AM	14.091	
2189	23.52	19.52	1.220	6.100	10:33:04 AM	14.091	
2190	23.51	19.51	1.219	6.097	10:33:05 AM	14.084	
2191	23.49	19.49	1.218	6.091	10:33:06 AM	14.069	
2192	23.49	19.49	1.218	6.091	10:33:07 AM	14.069	
2193	23.49	19.49	1.218	6.091	10:33:08 AM	14.069	
2194	23.49	19.49	1.218	6.091	10:33:09 AM	14.069	
2195	23.48	19.48	1.218	6.088	10:33:10 AM	14.062	
2196	23.49	19.49	1.218	6.091	10:33:11 AM	14.069	
2197	23.51	19.51	1.219	6.097	10:33:12 AM	14.084	
2198	23.52	19.52	1.220	6.100	10:33:13 AM	14.091	
2199	23.52	19.52	1.220	6.100	10:33:14 AM	14.091	
2200	23.51	19.51	1.219	6.097	10:33:15 AM	14.084	
2201	23.52	19.52	1.220	6.100	10:33:16 AM	14.091	
2202	23.49	19.49	1.218	6.091	10:33:17 AM	14.069	
2203	23.49	19.49	1.218	6.091	10:33:18 AM	14.069	
2204	23.51	19.51	1.219	6.097	10:33:19 AM	14.084	
2205	23.5	19.5	1.219	6.094	10:33:20 AM	14.077	
2206	23.49	19.49	1.218	6.091	10:33:21 AM	14.069	
2207	23.51	19.51	1.219	6.097	10:33:22 AM	14.084	
2208	23.51	19.51	1.219	6.097	10:33:23 AM	14.084	
2209	23.51	19.51	1.219	6.097	10:33:24 AM	14.084	
2210	23.51	19.51	1.219	6.097	10:33:25 AM	14.084	
2211	23.51	19.51	1.219	6.097	10:33:26 AM	14.084	
2212	23.49	19.49	1.218	6.091	10:33:27 AM	14.069	
2213	23.49	19.49	1.218	6.091	10:33:28 AM	14.069	
2214	23.49	19.49	1.218	6.091	10:33:29 AM	14.069	
2215	23.5	19.5	1.219	6.094	10:33:30 AM	14.077	
2216	23.49	19.49	1.218	6.091	10:33:31 AM	14.069	
2217	23.52	19.52	1.220	6.100	10:33:32 AM	14.091	
2218	23.52	19.52	1.220	6.100	10:33:33 AM	14.091	
2219	23.52	19.52	1.220	6.100	10:33:34 AM	14.091	
2220	23.53	19.53	1.221	6.103	10:33:35 AM	14.098	
2221	23.52	19.52	1.220	6.100	10:33:36 AM	14.091	
2222	23.52	19.52	1.220	6.100	10:33:37 AM	14.091	
2223	23.49	19.49	1.218	6.091	10:33:38 AM	14.069	
2224	22.75	18.75	1.172	5.859	10:33:39 AM	13.535	
2225	21.38	17.38	1.086	5.431	10:33:40 AM	12.546	
2226	21.51	17.51	1.094	5.472	10:33:41 AM	12.640	
2227	20.12	16.12	1.008	5.038	10:33:42 AM	11.637	
2228	19.21	15.21	0.951	4.753	10:33:43 AM	10.980	
2229	19.14	15.14	0.946	4.731	10:33:44 AM	10.929	
2230	19.56	15.56	0.973	4.863	10:33:45 AM	11.232	
2231	17.11	13.11	0.819	4.097	10:33:46 AM	9.464	
2232	18.29	14.29	0.893	4.466	10:33:47 AM	10.316	
2233	18.9	14.9	0.931	4.656	10:33:48 AM	10.756	
2234	18.87	14.87	0.929	4.647	10:33:49 AM	10.734	
2235	18.93	14.93	0.933	4.666	10:33:50 AM	10.778	
2236	18.9	14.9	0.931	4.656	10:33:51 AM	10.756	
2237	18.9	14.9	0.931	4.656	10:33:52 AM	10.756	
2238	18.94	14.94	0.934	4.669	10:33:53 AM	10.785	
2239	18.92	14.92	0.933	4.663	10:33:54 AM	10.770	
2240	18.94	14.94	0.934	4.669	10:33:55 AM	10.785	
2241	18.94	14.94	0.934	4.669	10:33:56 AM	10.785	
2242	18.94	14.94	0.934	4.669	10:33:57 AM	10.785	
2243	18.9	14.9	0.931	4.656	10:33:58 AM	10.756	
2244	18.9	14.9	0.931	4.656	10:33:59 AM	10.756	
2245	18.91	14.91	0.932	4.659	10:34:00 AM	10.763	
2246	18.92	14.92	0.933	4.663	10:34:01 AM	10.770	
2247	18.93	14.93	0.933	4.666	10:34:02 AM	10.778	
2248	18.93	14.93	0.933	4.666	10:34:03 AM	10.778	
2249	18.93	14.93	0.933	4.666	10:34:04 AM	10.778	
2250	18.92	14.92	0.933	4.663	10:34:05 AM	10.770	
2251	18.92	14.92	0.933	4.663	10:34:06 AM	10.770	
2252	18.9	14.9	0.931	4.656	10:34:07 AM	10.756	
2253	18.91	14.91	0.932	4.659	10:34:08 AM	10.763	
2254	18.91	14.91	0.932	4.659	10:34:09 AM	10.763	
2255	18.9	14.9	0.931	4.656	10:34:10 AM	10.756	
2256	18.91	14.91	0.932	4.659	10:34:11 AM	10.763	
2257	18.9	14.9	0.931	4.656	10:34:12 AM	10.756	
2258	18.94	14.94	0.934	4.669	10:34:13 AM	10.785	
2259	18.93	14.93	0.933	4.666	10:34:14 AM	10.778	
2260	18.94	14.94	0.934	4.669	10:34:15 AM	10.785	
2261	18.95	14.95	0.934	4.672	10:34:16 AM	10.792	
2262	18.9	14.9	0.931	4.656	10:34:17 AM	10.756	
2263	18.91	14.91	0.932	4.659	10:34:18 AM	10.763	
2264	18.91	14.91	0.932	4.659	10:34:19 AM	10.763	
2265	18.91	14.91	0.932	4.659	10:34:20 AM	10.763	
2266	18.92	14.92	0.933	4.663	10:34:21 AM	10.770	
2267	18.92	14.92	0.933	4.663	10:34:22 AM	10.770	
2268	18.93	14.93	0.933	4.666	10:34:23 AM	10.778	
2269	18.93	14.93	0.933	4.666	10:34:24 AM	10.778	
2270	18.92	14.92	0.933	4.663	10:34:25 AM	10.770	
2271	18.9	14.9	0.931	4.656	10:34:26 AM	10.756	
2272	18.9	14.9	0.931	4.656	10:34:27 AM	10.756	
2273	18.9	14.9	0.931	4.656	10:34:28 AM	10.756	
2274	18.91	14.91	0.932	4.659	10:34:29 AM	10.763	
2275	18.91	14.91	0.932	4.659	10:34:30 AM	10.763	
2276	18.91	14.91	0.932	4.659	10:34:31 AM	10.763	
2277	18.94	14.94	0.934	4.669	10:34:32 AM	10.785	
2278	18.94	14.94	0.934	4.669	10:34:33 AM	10.785	
2279	18.94	14.94	0.934	4.669	10:34:34 AM	10.785	
2280	18.94	14.94	0.934	4.669	10:34:35 AM	10.785	
2281	18.94	14.94	0.934	4.669	10:34:36 AM	10.785	
2282	18.92	14.92	0.933	4.663	10:34:37 AM	10.770	
2283	18.92	14.92	0.933	4.663	10:34:38 AM	10.770	
2284	18.92	14.92	0.933	4.663	10:34:39 AM	10.770	
2285	18.91	14.91	0.932	4.659	10:34:40 AM	10.763	
2286	18.92	14.92	0.933	4.663	10:34:41 AM	10.770	
2287	18.92	14.92	0.933	4.663	10:34:42 AM	10.770	
2288	18.93	14.93	0.933	4.666	10:34:43 AM	10.778	
2289	18.93	14.93	0.933	4.666	10:34:44 AM	10.778	
2290	18.94	14.94	0.934	4.669	10:34:45 AM	10.785	
2291	18.92	14.92	0.933	4.663	10:34:46 AM	10.770	
2292	18.9	14.9	0.931	4.656	10:34:47 AM	10.756	

2293	18.9	14.9	0.931	4.656	10:34:48 AM	10.756
2294	18.91	14.91	0.932	4.659	10:34:49 AM	10.763
2295	18.91	14.91	0.932	4.659	10:34:50 AM	10.763
2296	18.91	14.91	0.932	4.659	10:34:51 AM	10.763
2297	18.9	14.9	0.931	4.656	10:34:52 AM	10.756
2298	18.94	14.94	0.934	4.669	10:34:53 AM	10.785
2299	18.94	14.94	0.934	4.669	10:34:54 AM	10.785
2300	18.97	14.97	0.936	4.678	10:34:55 AM	10.806
2301	18.95	14.95	0.934	4.672	10:34:56 AM	10.792
2302	18.97	14.97	0.936	4.678	10:34:57 AM	10.806
2303	18.91	14.91	0.932	4.659	10:34:58 AM	10.763
2304	18.92	14.92	0.933	4.663	10:34:59 AM	10.770
2305	18.92	14.92	0.933	4.663	10:35:00 AM	10.770
2306	18.93	14.93	0.933	4.666	10:35:01 AM	10.778
2307	18.93	14.93	0.933	4.666	10:35:02 AM	10.778
2308	18.94	14.94	0.934	4.669	10:35:03 AM	10.785
2309	18.94	14.94	0.934	4.669	10:35:04 AM	10.785
2310	18.94	14.94	0.934	4.669	10:35:05 AM	10.785
2311	18.92	14.92	0.933	4.663	10:35:06 AM	10.770
2312	18.91	14.91	0.932	4.659	10:35:07 AM	10.763
2313	18.91	14.91	0.932	4.659	10:35:08 AM	10.763
2314	18.91	14.91	0.932	4.659	10:35:09 AM	10.763
2315	18.91	14.91	0.932	4.659	10:35:10 AM	10.763
2316	18.91	14.91	0.932	4.659	10:35:11 AM	10.763
2317	18.92	14.92	0.933	4.663	10:35:12 AM	10.770
2318	18.94	14.94	0.934	4.669	10:35:13 AM	10.785
2319	18.94	14.94	0.934	4.669	10:35:14 AM	10.785
2320	18.94	14.94	0.934	4.669	10:35:15 AM	10.785
2321	18.94	14.94	0.934	4.669	10:35:16 AM	10.785
2322	18.97	14.97	0.936	4.678	10:35:17 AM	10.806
2323	18.92	14.92	0.933	4.663	10:35:18 AM	10.770
2324	18.91	14.91	0.932	4.659	10:35:19 AM	10.763
2325	18.92	14.92	0.933	4.663	10:35:20 AM	10.770
2326	18.92	14.92	0.933	4.663	10:35:21 AM	10.770
2327	18.93	14.93	0.933	4.666	10:35:22 AM	10.778
2328	18.93	14.93	0.933	4.666	10:35:23 AM	10.778
2329	18.94	14.94	0.934	4.669	10:35:24 AM	10.785
2330	18.94	14.94	0.934	4.669	10:35:25 AM	10.785
2331	18.94	14.94	0.934	4.669	10:35:26 AM	10.785
2332	18.94	14.94	0.934	4.669	10:35:27 AM	10.785
2333	18.9	14.9	0.931	4.656	10:35:28 AM	10.756
2334	18.9	14.9	0.931	4.656	10:35:29 AM	10.756
2335	18.91	14.91	0.932	4.659	10:35:30 AM	10.763
2336	18.92	14.92	0.933	4.663	10:35:31 AM	10.770
2337	18.92	14.92	0.933	4.663	10:35:32 AM	10.770
2338	18.95	14.95	0.934	4.672	10:35:33 AM	10.792
2339	18.94	14.94	0.934	4.669	10:35:34 AM	10.785
2340	18.97	14.97	0.936	4.678	10:35:35 AM	10.806
2341	18.97	14.97	0.936	4.678	10:35:36 AM	10.806
2342	18.92	14.92	0.933	4.663	10:35:37 AM	10.770
2343	18.93	14.93	0.933	4.666	10:35:38 AM	10.778
2344	18.92	14.92	0.933	4.663	10:35:39 AM	10.770
2345	18.92	14.92	0.933	4.663	10:35:40 AM	10.770
2346	18.93	14.93	0.933	4.666	10:35:41 AM	10.778
2347	18.94	14.94	0.934	4.669	10:35:42 AM	10.785
2348	18.94	14.94	0.934	4.669	10:35:43 AM	10.785
2349	18.94	14.94	0.934	4.669	10:35:44 AM	10.785
2350	18.94	14.94	0.934	4.669	10:35:45 AM	10.785
2351	18.92	14.92	0.933	4.663	10:35:46 AM	10.770
2352	18.92	14.92	0.933	4.663	10:35:47 AM	10.770
2353	18.91	14.91	0.932	4.659	10:35:48 AM	10.763
2354	18.92	14.92	0.933	4.663	10:35:49 AM	10.770
2355	18.93	14.93	0.933	4.666	10:35:50 AM	10.778
2356	18.92	14.92	0.933	4.663	10:35:51 AM	10.770
2357	18.93	14.93	0.933	4.666	10:35:52 AM	10.778
2358	18.95	14.95	0.934	4.672	10:35:53 AM	10.792
2359	18.95	14.95	0.934	4.672	10:35:54 AM	10.792
2360	18.97	14.97	0.936	4.678	10:35:55 AM	10.806
2361	18.97	14.97	0.936	4.678	10:35:56 AM	10.806
2362	18.97	14.97	0.936	4.678	10:35:57 AM	10.806
2363	18.93	14.93	0.933	4.666	10:35:58 AM	10.778
2364	18.93	14.93	0.933	4.666	10:35:59 AM	10.778
2365	18.93	14.93	0.933	4.666	10:36:00 AM	10.778
2366	18.93	14.93	0.933	4.666	10:36:01 AM	10.778
2367	18.94	14.94	0.934	4.669	10:36:02 AM	10.785
2368	18.94	14.94	0.934	4.669	10:36:03 AM	10.785
2369	18.94	14.94	0.934	4.669	10:36:04 AM	10.785
2370	22.35	18.35	1.147	5.734	10:36:05 AM	13.246
2371	20.93	16.93	1.058	5.291	10:36:06 AM	12.221
2372	21.18	17.18	1.074	5.369	10:36:07 AM	12.402
2373	21.77	17.77	1.111	5.553	10:36:08 AM	12.828
2374	21.51	17.51	1.094	5.472	10:36:09 AM	12.640
2375	21.58	17.58	1.099	5.494	10:36:10 AM	12.691
2376	21.57	17.57	1.098	5.491	10:36:11 AM	12.683
2377	21.6	17.6	1.100	5.500	10:36:12 AM	12.705
2378	21.6	17.6	1.100	5.500	10:36:13 AM	12.705
2379	21.6	17.6	1.100	5.500	10:36:14 AM	12.705
2380	21.6	17.6	1.100	5.500	10:36:15 AM	12.705
2381	21.61	17.61	1.101	5.503	10:36:16 AM	12.712
2382	21.57	17.57	1.098	5.491	10:36:17 AM	12.683
2383	21.57	17.57	1.098	5.491	10:36:18 AM	12.683
2384	21.56	17.56	1.098	5.488	10:36:19 AM	12.676
2385	21.57	17.57	1.098	5.491	10:36:20 AM	12.683
2386	21.65	17.65	1.103	5.516	10:36:21 AM	12.741
2387	21.57	17.57	1.098	5.491	10:36:22 AM	12.683
2388	21.61	17.61	1.101	5.503	10:36:23 AM	12.712
2389	21.6	17.6	1.100	5.500	10:36:24 AM	12.705
2390	21.61	17.61	1.101	5.503	10:36:25 AM	12.712
2391	21.57	17.57	1.098	5.491	10:36:26 AM	12.683
2392	21.56	17.56	1.098	5.488	10:36:27 AM	12.676
2393	21.58	17.58	1.099	5.494	10:36:28 AM	12.691
2394	21.56	17.56	1.098	5.488	10:36:29 AM	12.676
2395	21.56	17.56	1.098	5.488	10:36:30 AM	12.676
2396	21.56	17.56	1.098	5.488	10:36:31 AM	12.676
2397	21.58	17.58	1.099	5.494	10:36:32 AM	12.691
2398	21.57	17.57	1.098	5.491	10:36:33 AM	12.683
2399	21.57	17.57	1.098	5.491	10:36:34 AM	12.683
2400	21.6	17.6	1.100	5.500	10:36:35 AM	12.705
2401	21.56	17.56	1.098	5.488	10:36:36 AM	12.676
2402	21.57	17.57	1.098	5.491	10:36:37 AM	12.683
2403	21.57	17.57	1.098	5.491	10:36:38 AM	12.683
2404	21.56	17.56	1.098	5.488	10:36:39 AM	12.676
2405	21.56	17.56	1.098	5.488	10:36:40 AM	12.676
2406	21.57	17.57	1.098	5.491	10:36:41 AM	12.683
2407	21.57	17.57	1.098	5.491	10:36:42 AM	12.683
2408	21.57	17.57	1.098	5.491	10:36:43 AM	12.683
2409	21.57	17.57	1.098	5.491	10:36:44 AM	12.683
2410	21.57	17.57	1.098	5.491	10:36:45 AM	12.683
2411	21.54	17.54	1.096	5.481	10:36:46 AM	12.662
2412	21.54	17.54	1.096	5.481	10:36:47 AM	12.662
2413	21.56	17.56	1.098	5.488	10:36:48 AM	12.676
2414	21.56	17.56	1.098	5.488	10:36:49 AM	12.676
2415	21.54	17.54	1.096	5.481	10:36:50 AM	12.662
2416	21.54	17.54	1.096	5.481	10:36:51 AM	12.662
2417	21.57	17.57	1.098	5.491	10:36:52 AM	12.683
2418	21.59	17.59	1.099	5.497	10:36:53 AM	12.698
2419	21.57	17.57	1.098	5.491	10:36:54 AM	12.683
2420	21.57	17.57	1.098	5.491	10:36:55 AM	12.683
2421	21.56	17.56	1.098	5.488	10:36:56 AM	12.676
2422	21.54	17.54	1.096	5.481	10:36:57 AM	12.662
2423	21.56	17.56	1.098	5.488	10:36:58 AM	12.676
2424	21.54	17.54	1.096	5.481	10:36:59 AM	12.662
2425	21.54	17.54	1.096	5.481	10:37:00 AM	12.662
2426	21.54	17.54	1.096	5.481	10:37:01 AM	12.662
2427	21.56	17.56	1.098	5.488	10:37:02 AM	12.676
2428	21.57	17.57	1.098	5.491	10:37:03 AM	12.683
2429	21.56	17.56	1.098	5.488	10:37:04 AM	12.676
2430	21.54	17.54	1.096	5.481	10:37:05 AM	12.662
2431	21.52	17.52	1.095	5.475	10:37:06 AM	12.647
2432	21.53	17.53	1.096	5.478	10:37:07 AM	12.654
2433	21.51	17.51	1.094	5.472	10:37:08 AM	12.640
2434	21.51	17.51	1.094	5.472	10:37:09 AM	12.640
2435	21.52	17.52	1.095	5.475	10:37:10 AM	12.647
2436	21.52	17.52	1.095	5.475	10:37:11 AM	12.647
2437	21.57	17.57	1.098	5.491	10:37:12 AM	12.683
2438	21.56	17.56	1.098	5.488	10:37:13 AM	12.676
2439	21.56	17.56	1.098	5.488	10:37:14 AM	12.676
2440	21.56	17.56	1.098	5.488	10:37:15 AM	12.676
2441	21.57	17.57	1.098	5.491	10:37:16 AM	12.683
2442	19.77	15.77	0.986	4.928	10:37:17 AM	11.384
2443	19.06	15.06	0.941	4.706	10:37:18 AM	10.871
2444	19.1	15.1	0.944	4.719	10:37:19 AM	10.900
2445	19.1	15.1	0.944	4.719	10:37:20 AM	10.900
2446	19.1	15.1	0.944	4.719	10:37:21 AM	10.900
2447	19.06	15.06	0.941	4.706	10:37:22 AM	10.871
2448	19.07	15.07	0.942	4.709	10:37:23 AM	10.879
2449	19.05	15.05	0.941	4.703	10:37:24 AM	10.864
2450	19.06	15.06	0.941	4.706	10:37:25 AM	10.871
2451	19.05	15.05	0.941	4.703	10:37:26 AM	10.864
2452	19.05	15.05	0.941	4.703	10:37:27 AM	10.864
2453	19.05	15.05	0.941	4.703	10:37:28 AM	10.864
2454	19.04	15.04	0.940	4.700	10:37:29 AM	10.857

2455	19.03	15.03	0.939	4.697	10:37:30 AM	10.850
2456	19.06	15.06	0.941	4.706	10:37:31 AM	10.871
2457	19.06	15.06	0.941	4.706	10:37:32 AM	10.871
2458	19.06	15.06	0.941	4.706	10:37:33 AM	10.871
2459	19.05	15.05	0.941	4.703	10:37:34 AM	10.864
2460	19.06	15.06	0.941	4.706	10:37:35 AM	10.871
2461	19.03	15.03	0.939	4.697	10:37:36 AM	10.850
2462	19.03	15.03	0.939	4.697	10:37:37 AM	10.850
2463	19.03	15.03	0.939	4.697	10:37:38 AM	10.850
2464	19.03	15.03	0.939	4.697	10:37:39 AM	10.850
2465	19.03	15.03	0.939	4.697	10:37:40 AM	10.850
2466	19.05	15.05	0.941	4.703	10:37:41 AM	10.864
2467	19.05	15.05	0.941	4.703	10:37:42 AM	10.864
2468	19.04	15.04	0.940	4.700	10:37:43 AM	10.857
2469	19.05	15.05	0.941	4.703	10:37:44 AM	10.864
2470	19.05	15.05	0.941	4.703	10:37:45 AM	10.864
2471	19.03	15.03	0.939	4.697	10:37:46 AM	10.850
2472	19.03	15.03	0.939	4.697	10:37:47 AM	10.850
2473	19.02	15.02	0.939	4.694	10:37:48 AM	10.843
2474	19.03	15.03	0.939	4.697	10:37:49 AM	10.850
2475	19.02	15.02	0.939	4.694	10:37:50 AM	10.843
2476	19.02	15.02	0.939	4.694	10:37:51 AM	10.843
2477	19.05	15.05	0.941	4.703	10:37:52 AM	10.864
2478	19.03	15.03	0.939	4.697	10:37:53 AM	10.850
2479	19.03	15.03	0.939	4.697	10:37:54 AM	10.850
2480	19.04	15.04	0.940	4.700	10:37:55 AM	10.857
2481	19.04	15.04	0.940	4.700	10:37:56 AM	10.857
2482	19.05	15.05	0.941	4.703	10:37:57 AM	10.864
2483	19.01	15.01	0.938	4.691	10:37:58 AM	10.835
2484	19.02	15.02	0.939	4.694	10:37:59 AM	10.843
2485	19.02	15.02	0.939	4.694	10:38:00 AM	10.843
2486	19.01	15.01	0.938	4.691	10:38:01 AM	10.835
2487	19.02	15.02	0.939	4.694	10:38:02 AM	10.843
2488	19.03	15.03	0.939	4.697	10:38:03 AM	10.850
2489	19.03	15.03	0.939	4.697	10:38:04 AM	10.850
2490	19.03	15.03	0.939	4.697	10:38:05 AM	10.850
2491	19.03	15.03	0.939	4.697	10:38:06 AM	10.850
2492	19.03	15.03	0.939	4.697	10:38:07 AM	10.850
2493	19.01	15.01	0.938	4.691	10:38:08 AM	10.835
2494	19.01	15.01	0.938	4.691	10:38:09 AM	10.835
2495	19.01	15.01	0.938	4.691	10:38:10 AM	10.835
2496	19.01	15.01	0.938	4.691	10:38:11 AM	10.835
2497	19	15	0.938	4.688	10:38:12 AM	10.828
2498	19	15	0.938	4.688	10:38:13 AM	10.828
2499	19.03	15.03	0.939	4.697	10:38:14 AM	10.850
2500	19.02	15.02	0.939	4.694	10:38:15 AM	10.843
2501	19.03	15.03	0.939	4.697	10:38:16 AM	10.850
2502	19.03	15.03	0.939	4.697	10:38:17 AM	10.850
2503	19.03	15.03	0.939	4.697	10:38:18 AM	10.850
2504	19.01	15.01	0.938	4.691	10:38:19 AM	10.835
2505	19.01	15.01	0.938	4.691	10:38:20 AM	10.835
2506	19	15	0.938	4.688	10:38:21 AM	10.828
2507	18.99	14.99	0.937	4.684	10:38:22 AM	10.821
2508	19.01	15.01	0.938	4.691	10:38:23 AM	10.835
2509	19.02	15.02	0.939	4.694	10:38:24 AM	10.843
2510	19.02	15.02	0.939	4.694	10:38:25 AM	10.843
2511	19.02	15.02	0.939	4.694	10:38:26 AM	10.843
2512	19.02	15.02	0.939	4.694	10:38:27 AM	10.843
2513	19.01	15.01	0.938	4.691	10:38:28 AM	10.835
2514	19	15	0.938	4.688	10:38:29 AM	10.828
2515	18.99	14.99	0.937	4.684	10:38:30 AM	10.821
2516	18.99	14.99	0.937	4.684	10:38:31 AM	10.821
2517	18.99	14.99	0.937	4.684	10:38:32 AM	10.821
2518	18.99	14.99	0.937	4.684	10:38:33 AM	10.821
2519	19.01	15.01	0.938	4.691	10:38:34 AM	10.835
2520	19.01	15.01	0.938	4.691	10:38:35 AM	10.835
2521	19.01	15.01	0.938	4.691	10:38:36 AM	10.835
2522	19.02	15.02	0.939	4.694	10:38:37 AM	10.843
2523	19.03	15.03	0.939	4.697	10:38:38 AM	10.850
2524	19.03	15.03	0.939	4.697	10:38:39 AM	10.850
2525	18.99	14.99	0.937	4.684	10:38:40 AM	10.821
2526	18.99	14.99	0.937	4.684	10:38:41 AM	10.821
2527	18.99	14.99	0.937	4.684	10:38:42 AM	10.821
2528	18.99	14.99	0.937	4.684	10:38:43 AM	10.821
2529	19.01	15.01	0.938	4.691	10:38:44 AM	10.835
2530	19.01	15.01	0.938	4.691	10:38:45 AM	10.835
2531	19.01	15.01	0.938	4.691	10:38:46 AM	10.835
2532	19.01	15.01	0.938	4.691	10:38:47 AM	10.835
2533	19.01	15.01	0.938	4.691	10:38:48 AM	10.835
2534	18.99	14.99	0.937	4.684	10:38:49 AM	10.821
2535	18.98	14.98	0.936	4.681	10:38:50 AM	10.814
2536	18.99	14.99	0.937	4.684	10:38:51 AM	10.821
2537	18.98	14.98	0.936	4.681	10:38:52 AM	10.814
2538	18.98	14.98	0.936	4.681	10:38:53 AM	10.814
2539	18.98	14.98	0.936	4.681	10:38:54 AM	10.814
2540	18.97	14.97	0.936	4.678	10:38:55 AM	10.806
2541	18.99	14.99	0.937	4.684	10:38:56 AM	10.821
2542	19	15	0.938	4.688	10:38:57 AM	10.828
2543	18.99	14.99	0.937	4.684	10:38:58 AM	10.821
2544	18.99	14.99	0.937	4.684	10:38:59 AM	10.821
2545	19	15	0.938	4.688	10:39:00 AM	10.828
2546	19.01	15.01	0.938	4.691	10:39:01 AM	10.835
2547	18.97	14.97	0.936	4.678	10:39:02 AM	10.806
2548	18.97	14.97	0.936	4.678	10:39:03 AM	10.806
2549	18.97	14.97	0.936	4.678	10:39:04 AM	10.806
2550	18.97	14.97	0.936	4.678	10:39:05 AM	10.806
2551	18.97	14.97	0.936	4.678	10:39:06 AM	10.806
2552	18.99	14.99	0.937	4.684	10:39:07 AM	10.821
2553	18.98	14.98	0.936	4.681	10:39:08 AM	10.814
2554	18.98	14.98	0.936	4.681	10:39:09 AM	10.814
2555	18.99	14.99	0.937	4.684	10:39:10 AM	10.821
2556	18.99	14.99	0.937	4.684	10:39:11 AM	10.821
2557	18.97	14.97	0.936	4.678	10:39:12 AM	10.806
2558	18.97	14.97	0.936	4.678	10:39:13 AM	10.806
2559	18.95	14.95	0.934	4.672	10:39:14 AM	10.792
2560	18.97	14.97	0.936	4.678	10:39:15 AM	10.806
2561	18.97	14.97	0.936	4.678	10:39:16 AM	10.806
2562	18.95	14.95	0.934	4.672	10:39:17 AM	10.792
2563	18.99	14.99	0.937	4.684	10:39:18 AM	10.821
2564	18.99	14.99	0.937	4.684	10:39:19 AM	10.821
2565	18.98	14.98	0.936	4.681	10:39:20 AM	10.814
2566	18.99	14.99	0.937	4.684	10:39:21 AM	10.821
2567	18.99	14.99	0.937	4.684	10:39:22 AM	10.821
2568	19	15	0.938	4.688	10:39:23 AM	10.828
2569	18.95	14.95	0.934	4.672	10:39:24 AM	10.792
2570	18.95	14.95	0.934	4.672	10:39:25 AM	10.792
2571	18.95	14.95	0.934	4.672	10:39:26 AM	10.792
2572	18.95	14.95	0.934	4.672	10:39:27 AM	10.792
2573	18.98	14.98	0.936	4.681	10:39:28 AM	10.814
2574	18.98	14.98	0.936	4.681	10:39:29 AM	10.814
2575	18.98	14.98	0.936	4.681	10:39:30 AM	10.814
2576	18.98	14.98	0.936	4.681	10:39:31 AM	10.814
2577	18.97	14.97	0.936	4.678	10:39:32 AM	10.806
2578	18.94	14.94	0.934	4.669	10:39:33 AM	10.785
2579	18.94	14.94	0.934	4.669	10:39:34 AM	10.785
2580	18.94	14.94	0.934	4.669	10:39:35 AM	10.785
2581	18.93	14.93	0.933	4.666	10:39:36 AM	10.778
2582	18.94	14.94	0.934	4.669	10:39:37 AM	10.785
2583	18.94	14.94	0.934	4.669	10:39:38 AM	10.785
2584	18.97	14.97	0.936	4.678	10:39:39 AM	10.806
2585	18.97	14.97	0.936	4.678	10:39:40 AM	10.806
2586	18.97	14.97	0.936	4.678	10:39:41 AM	10.806
2587	18.97	14.97	0.936	4.678	10:39:42 AM	10.806
2588	18.97	14.97	0.936	4.678	10:39:43 AM	10.806
2589	18.94	14.94	0.934	4.669	10:39:44 AM	10.785
2590	18.94	14.94	0.934	4.669	10:39:45 AM	10.785
2591	18.94	14.94	0.934	4.669	10:39:46 AM	10.785
2592	18.94	14.94	0.934	4.669	10:39:47 AM	10.785
2593	18.94	14.94	0.934	4.669	10:39:48 AM	10.785
2594	18.94	14.94	0.934	4.669	10:39:49 AM	10.785
2595	18.94	14.94	0.934	4.669	10:39:50 AM	10.785
2596	18.97	14.97	0.936	4.678	10:39:51 AM	10.806
2597	18.97	14.97	0.936	4.678	10:39:52 AM	10.806
2598	18.97	14.97	0.936	4.678	10:39:53 AM	10.806
2599	18.94	14.94	0.934	4.669	10:39:54 AM	10.785
2600	18.93	14.93	0.933	4.666	10:39:55 AM	10.778
2601	18.93	14.93	0.933	4.666	10:39:56 AM	10.778
2602	18.93	14.93	0.933	4.666	10:39:57 AM	10.778
2603	18.93	14.93	0.933	4.666	10:39:58 AM	10.778
2604	18.93	14.93	0.933	4.666	10:39:59 AM	10.778
2605	18.97	14.97	0.936	4.678	10:40:00 AM	10.806
2606	18.95	14.95	0.934	4.672	10:40:01 AM	10.792
2607	18.95	14.95	0.934	4.672	10:40:02 AM	10.792
2608	18.95	14.95	0.934	4.672	10:40:03 AM	10.792
2609	18.95	14.95	0.934	4.672	10:40:04 AM	10.792
2610	18.98	14.98	0.936	4.681	10:40:05 AM	10.814
2611	18.92	14.92	0.933	4.663	10:40:06 AM	10.770
2612	18.93	14.93	0.933	4.666	10:40:07 AM	10.778
2613	18.92	14.92	0.933	4.663	10:40:08 AM	10.770
2614	18.93	14.93	0.933	4.666	10:40:09 AM	10.778
2615	18.94	14.94	0.934	4.669	10:40:10 AM	10.785
2616	18.94	14.94	0.934	4.669	10:40:11 AM	10.785

2617	18.94	14.94	0.934	4.669	10:40:12 AM	10.785
2618	18.94	14.94	0.934	4.669	10:40:13 AM	10.785
2619	18.94	14.94	0.934	4.669	10:40:14 AM	10.785
2620	18.93	14.93	0.933	4.666	10:40:15 AM	10.778
2621	18.92	14.92	0.933	4.663	10:40:16 AM	10.770
2622	18.92	14.92	0.933	4.663	10:40:17 AM	10.770
2623	18.92	14.92	0.933	4.663	10:40:18 AM	10.770
2624	18.93	14.93	0.933	4.666	10:40:19 AM	10.778
2625	18.93	14.93	0.933	4.666	10:40:20 AM	10.778
2626	18.94	14.94	0.934	4.669	10:40:21 AM	10.785
2627	18.94	14.94	0.934	4.669	10:40:22 AM	10.785
2628	18.93	14.93	0.933	4.666	10:40:23 AM	10.778
2629	18.97	14.97	0.936	4.678	10:40:24 AM	10.806
2630	18.97	14.97	0.936	4.678	10:40:25 AM	10.806
2631	18.92	14.92	0.933	4.663	10:40:26 AM	10.770
2632	18.92	14.92	0.933	4.663	10:40:27 AM	10.770
2633	18.92	14.92	0.933	4.663	10:40:28 AM	10.770
2634	18.92	14.92	0.933	4.663	10:40:29 AM	10.770
2635	18.94	14.94	0.934	4.669	10:40:30 AM	10.785
2636	18.93	14.93	0.933	4.666	10:40:31 AM	10.778
2637	18.93	14.93	0.933	4.666	10:40:32 AM	10.778
2638	18.93	14.93	0.933	4.666	10:40:33 AM	10.778
2639	18.93	14.93	0.933	4.666	10:40:34 AM	10.778
2640	18.92	14.92	0.933	4.663	10:40:35 AM	10.770
2641	18.9	14.9	0.931	4.656	10:40:36 AM	10.756
2642	18.91	14.91	0.932	4.659	10:40:37 AM	10.763
2643	18.91	14.91	0.932	4.659	10:40:38 AM	10.763
2644	18.92	14.92	0.933	4.663	10:40:39 AM	10.770
2645	18.92	14.92	0.933	4.663	10:40:40 AM	10.770
2646	18.91	14.91	0.932	4.659	10:40:41 AM	10.763
2647	18.92	14.92	0.933	4.663	10:40:42 AM	10.770
2648	18.92	14.92	0.933	4.663	10:40:43 AM	10.770
2649	18.92	14.92	0.933	4.663	10:40:44 AM	10.770
2650	18.93	14.93	0.933	4.666	10:40:45 AM	10.778
2651	18.91	14.91	0.932	4.659	10:40:46 AM	10.763
2652	18.9	14.9	0.931	4.656	10:40:47 AM	10.756
2653	18.9	14.9	0.931	4.656	10:40:48 AM	10.756
2654	18.9	14.9	0.931	4.656	10:40:49 AM	10.756
2655	18.91	14.91	0.932	4.659	10:40:50 AM	10.763
2656	18.92	14.92	0.933	4.663	10:40:51 AM	10.770
2657	18.93	14.93	0.933	4.666	10:40:52 AM	10.778
2658	18.93	14.93	0.933	4.666	10:40:53 AM	10.778
2659	18.92	14.92	0.933	4.663	10:40:54 AM	10.770
2660	18.92	14.92	0.933	4.663	10:40:55 AM	10.770
2661	18.9	14.9	0.931	4.656	10:40:56 AM	10.756
2662	18.9	14.9	0.931	4.656	10:40:57 AM	10.756
2663	18.91	14.91	0.932	4.659	10:40:58 AM	10.763
2664	18.9	14.9	0.931	4.656	10:40:59 AM	10.756
2665	18.89	14.89	0.931	4.653	10:41:00 AM	10.749
2666	18.9	14.9	0.931	4.656	10:41:01 AM	10.756
2667	18.92	14.92	0.933	4.663	10:41:02 AM	10.770
2668	18.91	14.91	0.932	4.659	10:41:03 AM	10.763
2669	18.92	14.92	0.933	4.663	10:41:04 AM	10.770
2670	18.92	14.92	0.933	4.663	10:41:05 AM	10.770
2671	18.89	14.89	0.931	4.653	10:41:06 AM	10.749
2672	18.9	14.9	0.931	4.656	10:41:07 AM	10.756
2673	18.9	14.9	0.931	4.656	10:41:08 AM	10.756
2674	18.89	14.89	0.931	4.653	10:41:09 AM	10.749
2675	18.89	14.89	0.931	4.653	10:41:10 AM	10.749
2676	18.92	14.92	0.933	4.663	10:41:11 AM	10.770
2677	18.91	14.91	0.932	4.659	10:41:12 AM	10.763
2678	18.91	14.91	0.932	4.659	10:41:13 AM	10.763
2679	18.9	14.9	0.931	4.656	10:41:14 AM	10.756
2680	18.91	14.91	0.932	4.659	10:41:15 AM	10.763
2681	18.89	14.89	0.931	4.653	10:41:16 AM	10.749
2682	18.89	14.89	0.931	4.653	10:41:17 AM	10.749
2683	18.89	14.89	0.931	4.653	10:41:18 AM	10.749
2684	18.89	14.89	0.931	4.653	10:41:19 AM	10.749
2685	18.89	14.89	0.931	4.653	10:41:20 AM	10.749
2686	18.88	14.88	0.930	4.650	10:41:21 AM	10.742
2687	18.9	14.9	0.931	4.656	10:41:22 AM	10.756
2688	18.9	14.9	0.931	4.656	10:41:23 AM	10.756
2689	18.9	14.9	0.931	4.656	10:41:24 AM	10.756
2690	18.91	14.91	0.932	4.659	10:41:25 AM	10.763
2691	18.92	14.92	0.933	4.663	10:41:26 AM	10.770
2692	18.89	14.89	0.931	4.653	10:41:27 AM	10.749
2693	18.88	14.88	0.930	4.650	10:41:28 AM	10.742
2694	18.89	14.89	0.931	4.653	10:41:29 AM	10.749
2695	18.89	14.89	0.931	4.653	10:41:30 AM	10.749
2696	18.89	14.89	0.931	4.653	10:41:31 AM	10.749
2697	18.9	14.9	0.931	4.656	10:41:32 AM	10.756
2698	18.9	14.9	0.931	4.656	10:41:33 AM	10.756
2699	18.9	14.9	0.931	4.656	10:41:34 AM	10.756
2700	18.9	14.9	0.931	4.656	10:41:35 AM	10.756
2701	18.89	14.89	0.931	4.653	10:41:36 AM	10.749
2702	18.88	14.88	0.930	4.650	10:41:37 AM	10.742
2703	18.86	14.86	0.929	4.644	10:41:38 AM	10.727
2704	18.86	14.86	0.929	4.644	10:41:39 AM	10.727
2705	18.88	14.88	0.930	4.650	10:41:40 AM	10.742
2706	18.87	14.87	0.929	4.647	10:41:41 AM	10.734
2707	18.9	14.9	0.931	4.656	10:41:42 AM	10.756
2708	18.9	14.9	0.931	4.656	10:41:43 AM	10.756
2709	18.9	14.9	0.931	4.656	10:41:44 AM	10.756
2710	18.9	14.9	0.931	4.656	10:41:45 AM	10.756
2711	18.89	14.89	0.931	4.653	10:41:46 AM	10.749
2712	18.88	14.88	0.930	4.650	10:41:47 AM	10.742
2713	18.86	14.86	0.929	4.644	10:41:48 AM	10.727
2714	18.86	14.86	0.929	4.644	10:41:49 AM	10.727
2715	18.88	14.88	0.930	4.650	10:41:50 AM	10.742
2716	18.86	14.86	0.929	4.644	10:41:51 AM	10.727
2717	18.88	14.88	0.930	4.650	10:41:52 AM	10.742
2718	18.89	14.89	0.931	4.653	10:41:53 AM	10.749
2719	18.89	14.89	0.931	4.653	10:41:54 AM	10.749
2720	18.89	14.89	0.931	4.653	10:41:55 AM	10.749
2721	18.89	14.89	0.931	4.653	10:41:56 AM	10.749
2722	18.88	14.88	0.930	4.650	10:41:57 AM	10.742
2723	18.86	14.86	0.929	4.644	10:41:58 AM	10.727
2724	18.86	14.86	0.929	4.644	10:41:59 AM	10.727
2725	18.86	14.86	0.929	4.644	10:42:00 AM	10.727
2726	18.86	14.86	0.929	4.644	10:42:01 AM	10.727
2727	18.86	14.86	0.929	4.644	10:42:02 AM	10.727
2728	18.89	14.89	0.931	4.653	10:42:03 AM	10.749
2729	18.9	14.9	0.931	4.656	10:42:04 AM	10.756
2730	18.88	14.88	0.930	4.650	10:42:05 AM	10.742
2731	18.89	14.89	0.931	4.653	10:42:06 AM	10.749
2732	18.89	14.89	0.931	4.653	10:42:07 AM	10.749
2733	18.86	14.86	0.929	4.644	10:42:08 AM	10.727
2734	18.86	14.86	0.929	4.644	10:42:09 AM	10.727
2735	18.86	14.86	0.929	4.644	10:42:10 AM	10.727
2736	18.86	14.86	0.929	4.644	10:42:11 AM	10.727
2737	18.86	14.86	0.929	4.644	10:42:12 AM	10.727
2738	18.86	14.86	0.929	4.644	10:42:13 AM	10.727
2739	18.86	14.86	0.929	4.644	10:42:14 AM	10.727
2740	18.88	14.88	0.930	4.650	10:42:15 AM	10.742
2741	18.88	14.88	0.930	4.650	10:42:16 AM	10.742
2742	18.86	14.86	0.929	4.644	10:42:17 AM	10.727
2743	18.86	14.86	0.929	4.644	10:42:18 AM	10.727
2744	18.86	14.86	0.929	4.644	10:42:19 AM	10.727
2745	18.85	14.85	0.928	4.641	10:42:20 AM	10.720
2746	18.86	14.86	0.929	4.644	10:42:21 AM	10.727
2747	18.86	14.86	0.929	4.644	10:42:22 AM	10.727
2748	18.86	14.86	0.929	4.644	10:42:23 AM	10.727
2749	18.85	14.85	0.928	4.641	10:42:24 AM	10.720
2750	18.88	14.88	0.930	4.650	10:42:25 AM	10.742
2751	18.88	14.88	0.930	4.650	10:42:26 AM	10.742
2752	18.86	14.86	0.929	4.644	10:42:27 AM	10.727
2753	18.88	14.88	0.930	4.650	10:42:28 AM	10.742
2754	18.9	14.9	0.931	4.656	10:42:29 AM	10.756
2755	18.86	14.86	0.929	4.644	10:42:30 AM	10.727
2756	18.86	14.86	0.929	4.644	10:42:31 AM	10.727
2757	18.86	14.86	0.929	4.644	10:42:32 AM	10.727
2758	18.86	14.86	0.929	4.644	10:42:33 AM	10.727
2759	18.86	14.86	0.929	4.644	10:42:34 AM	10.727
2760	18.86	14.86	0.929	4.644	10:42:35 AM	10.727
2761	18.86	14.86	0.929	4.644	10:42:36 AM	10.727
2762	18.86	14.86	0.929	4.644	10:42:37 AM	10.727
2763	18.86	14.86	0.929	4.644	10:42:38 AM	10.727
2764	18.85	14.85	0.928	4.641	10:42:39 AM	10.720
2765	18.85	14.85	0.928	4.641	10:42:40 AM	10.720
2766	18.86	14.86	0.929	4.644	10:42:41 AM	10.727
2767	18.85	14.85	0.928	4.641	10:42:42 AM	10.720
2768	18.85	14.85	0.928	4.641	10:42:43 AM	10.720
2769	18.86	14.86	0.929	4.644	10:42:44 AM	10.727
2770	18.86	14.86	0.929	4.644	10:42:45 AM	10.727
2771	18.86	14.86	0.929	4.644	10:42:46 AM	10.727
2772	18.86	14.86	0.929	4.644	10:42:47 AM	10.727
2773	18.86	14.86	0.929	4.644	10:42:48 AM	10.727
2774	18.86	14.86	0.929	4.644	10:42:49 AM	10.727
2775	18.86	14.86	0.929	4.644	10:42:50 AM	10.727
2776	18.85	14.85	0.928	4.641	10:42:51 AM	10.720
2777	18.83	14.83	0.927	4.634	10:42:52 AM	10.705
2778	18.85	14.85	0.928	4.641	10:42:53 AM	10.720

2779	18.83	14.83	0.927	4.634	10:42:54 AM	10.705
2780	18.86	14.86	0.929	4.644	10:42:55 AM	10.727
2781	18.86	14.86	0.929	4.644	10:42:56 AM	10.727
2782	18.86	14.86	0.929	4.644	10:42:57 AM	10.727
2783	18.86	14.86	0.929	4.644	10:42:58 AM	10.727
2784	18.86	14.86	0.929	4.644	10:42:59 AM	10.727
2785	18.85	14.85	0.928	4.641	10:43:00 AM	10.720
2786	18.83	14.83	0.927	4.634	10:43:01 AM	10.705
2787	18.83	14.83	0.927	4.634	10:43:02 AM	10.705
2788	18.83	14.83	0.927	4.634	10:43:03 AM	10.705
2789	18.83	14.83	0.927	4.634	10:43:04 AM	10.705
2790	18.83	14.83	0.927	4.634	10:43:05 AM	10.705
2791	18.86	14.86	0.929	4.644	10:43:06 AM	10.727
2792	18.86	14.86	0.929	4.644	10:43:07 AM	10.727
2793	18.86	14.86	0.929	4.644	10:43:08 AM	10.727
2794	18.86	14.86	0.929	4.644	10:43:09 AM	10.727
2795	18.86	14.86	0.929	4.644	10:43:10 AM	10.727
2796	18.86	14.86	0.929	4.644	10:43:11 AM	10.727
2797	18.83	14.83	0.927	4.634	10:43:12 AM	10.705
2798	18.83	14.83	0.927	4.634	10:43:13 AM	10.705
2799	18.85	14.85	0.928	4.641	10:43:14 AM	10.720
2800	18.83	14.83	0.927	4.634	10:43:15 AM	10.705
2801	18.86	14.86	0.929	4.644	10:43:16 AM	10.727
2802	18.85	14.85	0.928	4.641	10:43:17 AM	10.720
2803	18.85	14.85	0.928	4.641	10:43:18 AM	10.720
2804	18.85	14.85	0.928	4.641	10:43:19 AM	10.720
2805	18.83	14.83	0.927	4.634	10:43:20 AM	10.705
2806	18.83	14.83	0.927	4.634	10:43:21 AM	10.705
2807	18.83	14.83	0.927	4.634	10:43:22 AM	10.705
2808	18.82	14.82	0.926	4.631	10:43:23 AM	10.698
2809	18.83	14.83	0.927	4.634	10:43:24 AM	10.705
2810	18.83	14.83	0.927	4.634	10:43:25 AM	10.705
2811	18.85	14.85	0.928	4.641	10:43:26 AM	10.720
2812	18.85	14.85	0.928	4.641	10:43:27 AM	10.720
2813	18.83	14.83	0.927	4.634	10:43:28 AM	10.705
2814	18.83	14.83	0.927	4.634	10:43:29 AM	10.705
2815	18.86	14.86	0.929	4.644	10:43:30 AM	10.727
2816	18.86	14.86	0.929	4.644	10:43:31 AM	10.727
2817	18.81	14.81	0.926	4.628	10:43:32 AM	10.691
2818	18.82	14.82	0.926	4.631	10:43:33 AM	10.698
2819	18.83	14.83	0.927	4.634	10:43:34 AM	10.705
2820	18.82	14.82	0.926	4.631	10:43:35 AM	10.698
2821	18.83	14.83	0.927	4.634	10:43:36 AM	10.705
2822	18.83	14.83	0.927	4.634	10:43:37 AM	10.705
2823	18.83	14.83	0.927	4.634	10:43:38 AM	10.705
2824	18.83	14.83	0.927	4.634	10:43:39 AM	10.705
2825	18.83	14.83	0.927	4.634	10:43:40 AM	10.705
2826	18.83	14.83	0.927	4.634	10:43:41 AM	10.705
2827	18.82	14.82	0.926	4.631	10:43:42 AM	10.698
2828	18.81	14.81	0.926	4.628	10:43:43 AM	10.691
2829	18.81	14.81	0.926	4.628	10:43:44 AM	10.691
2830	18.81	14.81	0.926	4.628	10:43:45 AM	10.691
2831	18.81	14.81	0.926	4.628	10:43:46 AM	10.691
2832	18.81	14.81	0.926	4.628	10:43:47 AM	10.691
2833	18.83	14.83	0.927	4.634	10:43:48 AM	10.705
2834	18.83	14.83	0.927	4.634	10:43:49 AM	10.705
2835	18.83	14.83	0.927	4.634	10:43:50 AM	10.705
2836	18.83	14.83	0.927	4.634	10:43:51 AM	10.705
2837	18.81	14.81	0.926	4.628	10:43:52 AM	10.691
2838	18.81	14.81	0.926	4.628	10:43:53 AM	10.691
2839	18.81	14.81	0.926	4.628	10:43:54 AM	10.691
2840	18.8	14.8	0.925	4.625	10:43:55 AM	10.684
2841	18.81	14.81	0.926	4.628	10:43:56 AM	10.691
2842	18.82	14.82	0.926	4.631	10:43:57 AM	10.698
2843	18.82	14.82	0.926	4.631	10:43:58 AM	10.698
2844	18.82	14.82	0.926	4.631	10:43:59 AM	10.698
2845	18.83	14.83	0.927	4.634	10:44:00 AM	10.705
2846	18.82	14.82	0.926	4.631	10:44:01 AM	10.698
2847	18.81	14.81	0.926	4.628	10:44:02 AM	10.691
2848	18.81	14.81	0.926	4.628	10:44:03 AM	10.691
2849	18.81	14.81	0.926	4.628	10:44:04 AM	10.691
2850	18.81	14.81	0.926	4.628	10:44:05 AM	10.691
2851	18.81	14.81	0.926	4.628	10:44:06 AM	10.691
2852	18.81	14.81	0.926	4.628	10:44:07 AM	10.691
2853	18.83	14.83	0.927	4.634	10:44:08 AM	10.705
2854	18.82	14.82	0.926	4.631	10:44:09 AM	10.698
2855	18.81	14.81	0.926	4.628	10:44:10 AM	10.691
2856	18.83	14.83	0.927	4.634	10:44:11 AM	10.705
2857	18.83	14.83	0.927	4.634	10:44:12 AM	10.705
2858	18.8	14.8	0.925	4.625	10:44:13 AM	10.684
2859	18.81	14.81	0.926	4.628	10:44:14 AM	10.691
2860	18.8	14.8	0.925	4.625	10:44:15 AM	10.684
2861	18.81	14.81	0.926	4.628	10:44:16 AM	10.691
2862	18.81	14.81	0.926	4.628	10:44:17 AM	10.691
2863	18.81	14.81	0.926	4.628	10:44:18 AM	10.691
2864	18.81	14.81	0.926	4.628	10:44:19 AM	10.691
2865	18.81	14.81	0.926	4.628	10:44:20 AM	10.691
2866	18.81	14.81	0.926	4.628	10:44:21 AM	10.691
2867	18.8	14.8	0.925	4.625	10:44:22 AM	10.684
2868	18.79	14.79	0.924	4.622	10:44:23 AM	10.677
2869	18.8	14.8	0.925	4.625	10:44:24 AM	10.684
2870	18.8	14.8	0.925	4.625	10:44:25 AM	10.684
2871	18.79	14.79	0.924	4.622	10:44:26 AM	10.677
2872	18.79	14.79	0.924	4.622	10:44:27 AM	10.677
2873	18.81	14.81	0.926	4.628	10:44:28 AM	10.691
2874	18.81	14.81	0.926	4.628	10:44:29 AM	10.691
2875	18.81	14.81	0.926	4.628	10:44:30 AM	10.691
2876	18.81	14.81	0.926	4.628	10:44:31 AM	10.691
2877	18.83	14.83	0.927	4.634	10:44:32 AM	10.705
2878	18.79	14.79	0.924	4.622	10:44:33 AM	10.677
2879	18.79	14.79	0.924	4.622	10:44:34 AM	10.677
2880	18.79	14.79	0.924	4.622	10:44:35 AM	10.677
2881	18.79	14.79	0.924	4.622	10:44:36 AM	10.677
2882	18.8	14.8	0.925	4.625	10:44:37 AM	10.684
2883	18.81	14.81	0.926	4.628	10:44:38 AM	10.691
2884	18.81	14.81	0.926	4.628	10:44:39 AM	10.691
2885	18.81	14.81	0.926	4.628	10:44:40 AM	10.691
2886	18.8	14.8	0.925	4.625	10:44:41 AM	10.684
2887	18.79	14.79	0.924	4.622	10:44:42 AM	10.677
2888	18.79	14.79	0.924	4.622	10:44:43 AM	10.677
2889	18.79	14.79	0.924	4.622	10:44:44 AM	10.677
2890	18.79	14.79	0.924	4.622	10:44:45 AM	10.677
2891	18.8	14.8	0.925	4.625	10:44:46 AM	10.684
2892	18.78	14.78	0.924	4.619	10:44:47 AM	10.669
2893	18.81	14.81	0.926	4.628	10:44:48 AM	10.691
2894	18.81	14.81	0.926	4.628	10:44:49 AM	10.691
2895	18.81	14.81	0.926	4.628	10:44:50 AM	10.691
2896	18.81	14.81	0.926	4.628	10:44:51 AM	10.691
2897	18.8	14.8	0.925	4.625	10:44:52 AM	10.684
2898	18.78	14.78	0.924	4.619	10:44:53 AM	10.669
2899	18.79	14.79	0.924	4.622	10:44:54 AM	10.677
2900	18.78	14.78	0.924	4.619	10:44:55 AM	10.669
2901	18.78	14.78	0.924	4.619	10:44:56 AM	10.669
2902	18.78	14.78	0.924	4.619	10:44:57 AM	10.669
2903	18.79	14.79	0.924	4.622	10:44:58 AM	10.677
2904	18.79	14.79	0.924	4.622	10:44:59 AM	10.677
2905	18.8	14.8	0.925	4.625	10:45:00 AM	10.684
2906	18.8	14.8	0.925	4.625	10:45:01 AM	10.684
2907	18.8	14.8	0.925	4.625	10:45:02 AM	10.684
2908	18.8	14.8	0.925	4.625	10:45:03 AM	10.684
2909	18.79	14.79	0.924	4.622	10:45:04 AM	10.677
2910	18.78	14.78	0.924	4.619	10:45:05 AM	10.669
2911	18.77	14.77	0.923	4.616	10:45:06 AM	10.662
2912	18.77	14.77	0.923	4.616	10:45:07 AM	10.662
2913	18.79	14.79	0.924	4.622	10:45:08 AM	10.677
2914	18.78	14.78	0.924	4.619	10:45:09 AM	10.669
2915	18.78	14.78	0.924	4.619	10:45:10 AM	10.669
2916	18.8	14.8	0.925	4.625	10:45:11 AM	10.684
2917	18.79	14.79	0.924	4.622	10:45:12 AM	10.677
2918	18.79	14.79	0.924	4.622	10:45:13 AM	10.677
2919	18.8	14.8	0.925	4.625	10:45:14 AM	10.684
2920	18.8	14.8	0.925	4.625	10:45:15 AM	10.684
2921	18.77	14.77	0.923	4.616	10:45:16 AM	10.662
2922	18.77	14.77	0.923	4.616	10:45:17 AM	10.662
2923	18.77	14.77	0.923	4.616	10:45:18 AM	10.662
2924	18.77	14.77	0.923	4.616	10:45:19 AM	10.662
2925	18.78	14.78	0.924	4.619	10:45:20 AM	10.669
2926	18.78	14.78	0.924	4.619	10:45:21 AM	10.669
2927	18.79	14.79	0.924	4.622	10:45:22 AM	10.677
2928	18.8	14.8	0.925	4.625	10:45:23 AM	10.684
2929	18.79	14.79	0.924	4.622	10:45:24 AM	10.677
2930	18.77	14.77	0.923	4.616	10:45:25 AM	10.662
2931	18.77	14.77	0.923	4.616	10:45:26 AM	10.662
2932	18.77	14.77	0.923	4.616	10:45:27 AM	10.662
2933	18.77	14.77	0.923	4.616	10:45:28 AM	10.662
2934	18.77	14.77	0.923	4.616	10:45:29 AM	10.662
2935	18.77	14.77	0.923	4.616	10:45:30 AM	10.662
2936	18.77	14.77	0.923	4.616	10:45:31 AM	10.662
2937	18.79	14.79	0.924	4.622	10:45:32 AM	10.677
2938	18.79	14.79	0.924	4.622	10:45:33 AM	10.677
2939	18.79	14.79	0.924	4.622	10:45:34 AM	10.677
2940	18.79	14.79	0.924	4.622	10:45:35 AM	10.677

2941	18.8	14.8	0.925	4.625	10:45:36 AM	10.684
2942	18.77	14.77	0.923	4.616	10:45:37 AM	10.662
2943	18.77	14.77	0.923	4.616	10:45:38 AM	10.662
2944	18.77	14.77	0.923	4.616	10:45:39 AM	10.662
2945	18.77	14.77	0.923	4.616	10:45:40 AM	10.662
2946	18.77	14.77	0.923	4.616	10:45:41 AM	10.662
2947	18.77	14.77	0.923	4.616	10:45:42 AM	10.662
2948	18.79	14.79	0.924	4.622	10:45:43 AM	10.677
2949	18.78	14.78	0.924	4.619	10:45:44 AM	10.669
2950	18.78	14.78	0.924	4.619	10:45:45 AM	10.669
2951	18.77	14.77	0.923	4.616	10:45:46 AM	10.662
2952	18.76	14.76	0.923	4.613	10:45:47 AM	10.655
2953	18.76	14.76	0.923	4.613	10:45:48 AM	10.655
2954	18.77	14.77	0.923	4.616	10:45:49 AM	10.662
2955	18.76	14.76	0.923	4.613	10:45:50 AM	10.655
2956	18.76	14.76	0.923	4.613	10:45:51 AM	10.655
2957	18.75	14.75	0.922	4.609	10:45:52 AM	10.648
2958	18.77	14.77	0.923	4.616	10:45:53 AM	10.662
2959	18.77	14.77	0.923	4.616	10:45:54 AM	10.662
2960	18.79	14.79	0.924	4.622	10:45:55 AM	10.677
2961	18.77	14.77	0.923	4.616	10:45:56 AM	10.662
2962	18.78	14.78	0.924	4.619	10:45:57 AM	10.669
2963	18.79	14.79	0.924	4.622	10:45:58 AM	10.677
2964	18.76	14.76	0.923	4.613	10:45:59 AM	10.655
2965	18.76	14.76	0.923	4.613	10:46:00 AM	10.655
2966	18.76	14.76	0.923	4.613	10:46:01 AM	10.655
2967	18.76	14.76	0.923	4.613	10:46:02 AM	10.655
2968	18.76	14.76	0.923	4.613	10:46:03 AM	10.655
2969	18.77	14.77	0.923	4.616	10:46:04 AM	10.662
2970	18.77	14.77	0.923	4.616	10:46:05 AM	10.662
2971	18.77	14.77	0.923	4.616	10:46:06 AM	10.662
2972	18.76	14.76	0.923	4.613	10:46:07 AM	10.655
2973	18.76	14.76	0.923	4.613	10:46:08 AM	10.655
2974	18.75	14.75	0.922	4.609	10:46:09 AM	10.648
2975	18.76	14.76	0.923	4.613	10:46:10 AM	10.655
2976	18.75	14.75	0.922	4.609	10:46:11 AM	10.648
2977	18.75	14.75	0.922	4.609	10:46:12 AM	10.648
2978	18.75	14.75	0.922	4.609	10:46:13 AM	10.648
2979	18.74	14.74	0.921	4.606	10:46:14 AM	10.640
2980	18.77	14.77	0.923	4.616	10:46:15 AM	10.662
2981	18.76	14.76	0.923	4.613	10:46:16 AM	10.655
2982	18.77	14.77	0.923	4.616	10:46:17 AM	10.662
2983	18.77	14.77	0.923	4.616	10:46:18 AM	10.662
2984	18.79	14.79	0.924	4.622	10:46:19 AM	10.677
2985	18.76	14.76	0.923	4.613	10:46:20 AM	10.655
2986	18.75	14.75	0.922	4.609	10:46:21 AM	10.648
2987	18.75	14.75	0.922	4.609	10:46:22 AM	10.648
2988	18.75	14.75	0.922	4.609	10:46:23 AM	10.648
2989	18.75	14.75	0.922	4.609	10:46:24 AM	10.648
2990	18.75	14.75	0.922	4.609	10:46:25 AM	10.648
2991	18.76	14.76	0.923	4.613	10:46:26 AM	10.655
2992	18.77	14.77	0.923	4.616	10:46:27 AM	10.662
2993	18.76	14.76	0.923	4.613	10:46:28 AM	10.655
2994	18.77	14.77	0.923	4.616	10:46:29 AM	10.662
2995	18.75	14.75	0.922	4.609	10:46:30 AM	10.648
2996	18.75	14.75	0.922	4.609	10:46:31 AM	10.648
2997	18.74	14.74	0.921	4.606	10:46:32 AM	10.640
2998	18.75	14.75	0.922	4.609	10:46:33 AM	10.648
2999	18.75	14.75	0.922	4.609	10:46:34 AM	10.648
3000	18.75	14.75	0.922	4.609	10:46:35 AM	10.648
3001	18.73	14.73	0.921	4.603	10:46:36 AM	10.633
3002	18.76	14.76	0.923	4.613	10:46:37 AM	10.655
3003	18.76	14.76	0.923	4.613	10:46:38 AM	10.655
3004	18.75	14.75	0.922	4.609	10:46:39 AM	10.648
3005	18.76	14.76	0.923	4.613	10:46:40 AM	10.655
3006	18.77	14.77	0.923	4.616	10:46:41 AM	10.662
3007	18.75	14.75	0.922	4.609	10:46:42 AM	10.648
3008	18.74	14.74	0.921	4.606	10:46:43 AM	10.640
3009	18.74	14.74	0.921	4.606	10:46:44 AM	10.640
3010	18.75	14.75	0.922	4.609	10:46:45 AM	10.648
3011	18.75	14.75	0.922	4.609	10:46:46 AM	10.648
3012	18.75	14.75	0.922	4.609	10:46:47 AM	10.648
3013	18.75	14.75	0.922	4.609	10:46:48 AM	10.648
3014	18.75	14.75	0.922	4.609	10:46:49 AM	10.648
3015	18.75	14.75	0.922	4.609	10:46:50 AM	10.648
3016	18.75	14.75	0.922	4.609	10:46:51 AM	10.648
3017	18.73	14.73	0.921	4.603	10:46:52 AM	10.633
3018	18.74	14.74	0.921	4.606	10:46:53 AM	10.640
3019	18.74	14.74	0.921	4.606	10:46:54 AM	10.640
3020	18.73	14.73	0.921	4.603	10:46:55 AM	10.633
3021	18.73	14.73	0.921	4.603	10:46:56 AM	10.633
3022	18.73	14.73	0.921	4.603	10:46:57 AM	10.633
3023	18.75	14.75	0.922	4.609	10:46:58 AM	10.648
3024	18.75	14.75	0.922	4.609	10:46:59 AM	10.648
3025	18.75	14.75	0.922	4.609	10:47:00 AM	10.648
3026	18.76	14.76	0.923	4.613	10:47:01 AM	10.655
3027	18.76	14.76	0.923	4.613	10:47:02 AM	10.655
3028	18.74	14.74	0.921	4.606	10:47:03 AM	10.640
3029	18.73	14.73	0.921	4.603	10:47:04 AM	10.633
3030	18.73	14.73	0.921	4.603	10:47:05 AM	10.633
3031	18.74	14.74	0.921	4.606	10:47:06 AM	10.640
3032	18.74	14.74	0.921	4.606	10:47:07 AM	10.640
3033	18.75	14.75	0.922	4.609	10:47:08 AM	10.648
3034	18.75	14.75	0.922	4.609	10:47:09 AM	10.648
3035	18.75	14.75	0.922	4.609	10:47:10 AM	10.648
3036	18.74	14.74	0.921	4.606	10:47:11 AM	10.640
3037	18.75	14.75	0.922	4.609	10:47:12 AM	10.648
3038	18.73	14.73	0.921	4.603	10:47:13 AM	10.633
3039	18.74	14.74	0.921	4.606	10:47:14 AM	10.640
3040	18.73	14.73	0.921	4.603	10:47:15 AM	10.633
3041	18.73	14.73	0.921	4.603	10:47:16 AM	10.633
3042	18.73	14.73	0.921	4.603	10:47:17 AM	10.633
3043	18.71	14.71	0.919	4.597	10:47:18 AM	10.619
3044	18.75	14.75	0.922	4.609	10:47:19 AM	10.648
3045	18.74	14.74	0.921	4.606	10:47:20 AM	10.640
3046	18.74	14.74	0.921	4.606	10:47:21 AM	10.640
3047	18.75	14.75	0.922	4.609	10:47:22 AM	10.648
3048	18.75	14.75	0.922	4.609	10:47:23 AM	10.648
3049	18.75	14.75	0.922	4.609	10:47:24 AM	10.648
3050	18.73	14.73	0.921	4.603	10:47:25 AM	10.633
3051	18.73	14.73	0.921	4.603	10:47:26 AM	10.633
3052	18.73	14.73	0.921	4.603	10:47:27 AM	10.633
3053	18.71	14.71	0.919	4.597	10:47:28 AM	10.619
3054	18.73	14.73	0.921	4.603	10:47:29 AM	10.633
3055	18.73	14.73	0.921	4.603	10:47:30 AM	10.633
3056	18.73	14.73	0.921	4.603	10:47:31 AM	10.633
3057	18.74	14.74	0.921	4.606	10:47:32 AM	10.640
3058	18.73	14.73	0.921	4.603	10:47:33 AM	10.633
3059	18.73	14.73	0.921	4.603	10:47:34 AM	10.633
3060	18.73	14.73	0.921	4.603	10:47:35 AM	10.633
3061	18.73	14.73	0.921	4.603	10:47:36 AM	10.633
3062	18.73	14.73	0.921	4.603	10:47:37 AM	10.633
3063	18.73	14.73	0.921	4.603	10:47:38 AM	10.633
3064	18.73	14.73	0.921	4.603	10:47:39 AM	10.633
3065	18.7	14.7	0.919	4.594	10:47:40 AM	10.612
3066	18.7	14.7	0.919	4.594	10:47:41 AM	10.612
3067	18.73	14.73	0.921	4.603	10:47:42 AM	10.633
3068	18.74	14.74	0.921	4.606	10:47:43 AM	10.640
3069	18.73	14.73	0.921	4.603	10:47:44 AM	10.633
3070	18.73	14.73	0.921	4.603	10:47:45 AM	10.633
3071	18.71	14.71	0.919	4.597	10:47:46 AM	10.619
3072	18.7	14.7	0.919	4.594	10:47:47 AM	10.612
3073	18.71	14.71	0.919	4.597	10:47:48 AM	10.619
3074	18.71	14.71	0.919	4.597	10:47:49 AM	10.619
3075	18.71	14.71	0.919	4.597	10:47:50 AM	10.619
3076	18.71	14.71	0.919	4.597	10:47:51 AM	10.619
3077	18.71	14.71	0.919	4.597	10:47:52 AM	10.619
3078	18.73	14.73	0.921	4.603	10:47:53 AM	10.633
3079	18.73	14.73	0.921	4.603	10:47:54 AM	10.633
3080	18.73	14.73	0.921	4.603	10:47:55 AM	10.633
3081	18.71	14.71	0.919	4.597	10:47:56 AM	10.619
3082	18.71	14.71	0.919	4.597	10:47:57 AM	10.619
3083	18.71	14.71	0.919	4.597	10:47:58 AM	10.619
3084	18.7	14.7	0.919	4.594	10:47:59 AM	10.612
3085	18.71	14.71	0.919	4.597	10:48:00 AM	10.619
3086	18.7	14.7	0.919	4.594	10:48:01 AM	10.612
3087	18.69	14.69	0.918	4.591	10:48:02 AM	10.604
3088	18.73	14.73	0.921	4.603	10:48:03 AM	10.633
3089	18.73	14.73	0.921	4.603	10:48:04 AM	10.633
3090	18.73	14.73	0.921	4.603	10:48:05 AM	10.633
3091	18.73	14.73	0.921	4.603	10:48:06 AM	10.633
3092	18.73	14.73	0.921	4.603	10:48:07 AM	10.633
3093	18.75	14.75	0.922	4.609	10:48:08 AM	10.648
3094	18.7	14.7	0.919	4.594	10:48:09 AM	10.612
3095	18.7	14.7	0.919	4.594	10:48:10 AM	10.612
3096	18.69	14.69	0.918	4.591	10:48:11 AM	10.604
3097	18.7	14.7	0.919	4.594	10:48:12 AM	10.612
3098	18.7	14.7	0.919	4.594	10:48:13 AM	10.612
3099	18.71	14.71	0.919	4.597	10:48:14 AM	10.619
3100	18.71	14.71	0.919	4.597	10:48:15 AM	10.619
3101	18.73	14.73	0.921	4.603	10:48:16 AM	10.633
3102	18.71	14.71	0.919	4.597	10:48:17 AM	10.619

3103	18.71	14.71	0.919	4.597	10:48:18 AM	10.619
3104	18.7	14.7	0.919	4.594	10:48:19 AM	10.612
3105	18.7	14.7	0.919	4.594	10:48:20 AM	10.612
3106	18.7	14.7	0.919	4.594	10:48:21 AM	10.612
3107	18.69	14.69	0.918	4.591	10:48:22 AM	10.604
3108	18.69	14.69	0.918	4.591	10:48:23 AM	10.604
3109	18.68	14.68	0.918	4.588	10:48:24 AM	10.597
3110	18.71	14.71	0.919	4.597	10:48:25 AM	10.619
3111	18.73	14.73	0.921	4.603	10:48:26 AM	10.633
3112	18.71	14.71	0.919	4.597	10:48:27 AM	10.619
3113	18.71	14.71	0.919	4.597	10:48:28 AM	10.619
3114	18.71	14.71	0.919	4.597	10:48:29 AM	10.619
3115	18.71	14.71	0.919	4.597	10:48:30 AM	10.619
3116	18.74	14.74	0.921	4.606	10:48:31 AM	10.640
3117	18.69	14.69	0.918	4.591	10:48:32 AM	10.604
3118	18.7	14.7	0.919	4.594	10:48:33 AM	10.612
3119	18.68	14.68	0.918	4.588	10:48:34 AM	10.597
3120	18.68	14.68	0.918	4.588	10:48:35 AM	10.597
3121	18.7	14.7	0.919	4.594	10:48:36 AM	10.612
3122	18.71	14.71	0.919	4.597	10:48:37 AM	10.619
3123	18.7	14.7	0.919	4.594	10:48:38 AM	10.612
3124	18.7	14.7	0.919	4.594	10:48:39 AM	10.612
3125	18.7	14.7	0.919	4.594	10:48:40 AM	10.612
3126	18.7	14.7	0.919	4.594	10:48:41 AM	10.612
3127	18.68	14.68	0.918	4.588	10:48:42 AM	10.597
3128	18.68	14.68	0.918	4.588	10:48:43 AM	10.597
3129	18.68	14.68	0.918	4.588	10:48:44 AM	10.597
3130	18.68	14.68	0.918	4.588	10:48:45 AM	10.597
3131	18.69	14.69	0.918	4.591	10:48:46 AM	10.604
3132	18.7	14.7	0.919	4.594	10:48:47 AM	10.612
3133	18.7	14.7	0.919	4.594	10:48:48 AM	10.612
3134	18.71	14.71	0.919	4.597	10:48:49 AM	10.619
3135	18.7	14.7	0.919	4.594	10:48:50 AM	10.612
3136	18.7	14.7	0.919	4.594	10:48:51 AM	10.612
3137	18.7	14.7	0.919	4.594	10:48:52 AM	10.612
3138	18.68	14.68	0.918	4.588	10:48:53 AM	10.597
3139	18.68	14.68	0.918	4.588	10:48:54 AM	10.597
3140	18.68	14.68	0.918	4.588	10:48:55 AM	10.597
3141	18.68	14.68	0.918	4.588	10:48:56 AM	10.597
3142	18.68	14.68	0.918	4.588	10:48:57 AM	10.597
3143	18.68	14.68	0.918	4.588	10:48:58 AM	10.597
3144	18.69	14.69	0.918	4.591	10:48:59 AM	10.604
3145	18.69	14.69	0.918	4.591	10:49:00 AM	10.604
3146	18.68	14.68	0.918	4.588	10:49:01 AM	10.597
3147	18.68	14.68	0.918	4.588	10:49:02 AM	10.597
3148	18.68	14.68	0.918	4.588	10:49:03 AM	10.597
3149	18.68	14.68	0.918	4.588	10:49:04 AM	10.597
3150	18.68	14.68	0.918	4.588	10:49:05 AM	10.597
3151	18.68	14.68	0.918	4.588	10:49:06 AM	10.597
3152	18.68	14.68	0.918	4.588	10:49:07 AM	10.597
3153	18.68	14.68	0.918	4.588	10:49:08 AM	10.597
3154	18.68	14.68	0.918	4.588	10:49:09 AM	10.597
3155	18.68	14.68	0.918	4.588	10:49:10 AM	10.597
3156	18.69	14.69	0.918	4.591	10:49:11 AM	10.604
3157	18.69	14.69	0.918	4.591	10:49:12 AM	10.604
3158	18.68	14.68	0.918	4.588	10:49:13 AM	10.597
3159	18.71	14.71	0.919	4.597	10:49:14 AM	10.619
3160	18.68	14.68	0.918	4.588	10:49:15 AM	10.597
3161	18.67	14.67	0.917	4.584	10:49:16 AM	10.590
3162	18.68	14.68	0.918	4.588	10:49:17 AM	10.597
3163	18.66	14.66	0.916	4.581	10:49:18 AM	10.583
3164	18.68	14.68	0.918	4.588	10:49:19 AM	10.597
3165	18.68	14.68	0.918	4.588	10:49:20 AM	10.597
3166	18.68	14.68	0.918	4.588	10:49:21 AM	10.597
3167	18.68	14.68	0.918	4.588	10:49:22 AM	10.597
3168	18.68	14.68	0.918	4.588	10:49:23 AM	10.597
3169	18.68	14.68	0.918	4.588	10:49:24 AM	10.597
3170	18.67	14.67	0.917	4.584	10:49:25 AM	10.590
3171	18.67	14.67	0.917	4.584	10:49:26 AM	10.590
3172	18.67	14.67	0.917	4.584	10:49:27 AM	10.590
3173	18.67	14.67	0.917	4.584	10:49:28 AM	10.590
3174	18.67	14.67	0.917	4.584	10:49:29 AM	10.590
3175	18.67	14.67	0.917	4.584	10:49:30 AM	10.590
3176	18.68	14.68	0.918	4.588	10:49:31 AM	10.597
3177	18.68	14.68	0.918	4.588	10:49:32 AM	10.597
3178	18.68	14.68	0.918	4.588	10:49:33 AM	10.597
3179	18.68	14.68	0.918	4.588	10:49:34 AM	10.597
3180	18.69	14.69	0.918	4.591	10:49:35 AM	10.604
3181	18.67	14.67	0.917	4.584	10:49:36 AM	10.590
3182	18.67	14.67	0.917	4.584	10:49:37 AM	10.590
3183	18.66	14.66	0.916	4.581	10:49:38 AM	10.583
3184	18.66	14.66	0.916	4.581	10:49:39 AM	10.583
3185	18.66	14.66	0.916	4.581	10:49:40 AM	10.583
3186	18.68	14.68	0.918	4.588	10:49:41 AM	10.597
3187	18.68	14.68	0.918	4.588	10:49:42 AM	10.597
3188	18.68	14.68	0.918	4.588	10:49:43 AM	10.597
3189	18.68	14.68	0.918	4.588	10:49:44 AM	10.597
3190	18.68	14.68	0.918	4.588	10:49:45 AM	10.597
3191	18.67	14.67	0.917	4.584	10:49:46 AM	10.590
3192	18.66	14.66	0.916	4.581	10:49:47 AM	10.583
3193	18.65	14.65	0.916	4.578	10:49:48 AM	10.575
3194	18.66	14.66	0.916	4.581	10:49:49 AM	10.583
3195	18.67	14.67	0.917	4.584	10:49:50 AM	10.590
3196	18.66	14.66	0.916	4.581	10:49:51 AM	10.583
3197	18.66	14.66	0.916	4.581	10:49:52 AM	10.583
3198	18.65	14.65	0.916	4.578	10:49:53 AM	10.575
3199	18.68	14.68	0.918	4.588	10:49:54 AM	10.597
3200	18.67	14.67	0.917	4.584	10:49:55 AM	10.590
3201	18.68	14.68	0.918	4.588	10:49:56 AM	10.597
3202	18.68	14.68	0.918	4.588	10:49:57 AM	10.597
3203	18.68	14.68	0.918	4.588	10:49:58 AM	10.597
3204	18.66	14.66	0.916	4.581	10:49:59 AM	10.583
3205	18.66	14.66	0.916	4.581	10:50:00 AM	10.583
3206	18.66	14.66	0.916	4.581	10:50:01 AM	10.583
3207	18.66	14.66	0.916	4.581	10:50:02 AM	10.583
3208	18.66	14.66	0.916	4.581	10:50:03 AM	10.583
3209	18.67	14.67	0.917	4.584	10:50:04 AM	10.590
3210	18.68	14.68	0.918	4.588	10:50:05 AM	10.597
3211	18.67	14.67	0.917	4.584	10:50:06 AM	10.590
3212	18.66	14.66	0.916	4.581	10:50:07 AM	10.583
3213	18.66	14.66	0.916	4.581	10:50:08 AM	10.583
3214	18.66	14.66	0.916	4.581	10:50:09 AM	10.583
3215	18.65	14.65	0.916	4.578	10:50:10 AM	10.575
3216	18.65	14.65	0.916	4.578	10:50:11 AM	10.575
3217	18.65	14.65	0.916	4.578	10:50:12 AM	10.575
3218	18.65	14.65	0.916	4.578	10:50:13 AM	10.575
3219	18.65	14.65	0.916	4.578	10:50:14 AM	10.575
3220	18.64	14.64	0.915	4.575	10:50:15 AM	10.568
3221	18.67	14.67	0.917	4.584	10:50:16 AM	10.590
3222	18.68	14.68	0.918	4.588	10:50:17 AM	10.597
3223	18.67	14.67	0.917	4.584	10:50:18 AM	10.590
3224	18.67	14.67	0.917	4.584	10:50:19 AM	10.590
3225	18.68	14.68	0.918	4.588	10:50:20 AM	10.597
3226	18.66	14.66	0.916	4.581	10:50:21 AM	10.583
3227	18.65	14.65	0.916	4.578	10:50:22 AM	10.575
3228	18.64	14.64	0.915	4.575	10:50:23 AM	10.568
3229	18.65	14.65	0.916	4.578	10:50:24 AM	10.575
3230	18.66	14.66	0.916	4.581	10:50:25 AM	10.583
3231	18.66	14.66	0.916	4.581	10:50:26 AM	10.583
3232	18.66	14.66	0.916	4.581	10:50:27 AM	10.583
3233	18.66	14.66	0.916	4.581	10:50:28 AM	10.583
3234	18.66	14.66	0.916	4.581	10:50:29 AM	10.583
3235	18.65	14.65	0.916	4.578	10:50:30 AM	10.575
3236	18.65	14.65	0.916	4.578	10:50:31 AM	10.575
3237	18.64	14.64	0.915	4.575	10:50:32 AM	10.568
3238	18.64	14.64	0.915	4.575	10:50:33 AM	10.568
3239	18.64	14.64	0.915	4.575	10:50:34 AM	10.568
3240	18.65	14.65	0.916	4.578	10:50:35 AM	10.575
3241	18.64	14.64	0.915	4.575	10:50:36 AM	10.568
3242	18.66	14.66	0.916	4.581	10:50:37 AM	10.583
3243	18.66	14.66	0.916	4.581	10:50:38 AM	10.583
3244	18.66	14.66	0.916	4.581	10:50:39 AM	10.583
3245	18.66	14.66	0.916	4.581	10:50:40 AM	10.583
3246	18.66	14.66	0.916	4.581	10:50:41 AM	10.583
3247	18.66	14.66	0.916	4.581	10:50:42 AM	10.583
3248	18.64	14.64	0.915	4.575	10:50:43 AM	10.568
3249	18.65	14.65	0.916	4.578	10:50:44 AM	10.575
3250	18.64	14.64	0.915	4.575	10:50:45 AM	10.568
3251	18.64	14.64	0.915	4.575	10:50:46 AM	10.568
3252	18.64	14.64	0.915	4.575	10:50:47 AM	10.568
3253	18.66	14.66	0.916	4.581	10:50:48 AM	10.583
3254	18.67	14.67	0.917	4.584	10:50:49 AM	10.590
3255	18.67	14.67	0.917	4.584	10:50:50 AM	10.590
3256	18.68	14.68	0.918	4.588	10:50:51 AM	10.597
3257	18.67	14.67	0.917	4.584	10:50:52 AM	10.590
3258	18.66	14.66	0.916	4.581	10:50:53 AM	10.583
3259	18.64	14.64	0.915	4.575	10:50:54 AM	10.568
3260	18.64	14.64	0.915	4.575	10:50:55 AM	10.568
3261	18.63	14.63	0.914	4.572	10:50:56 AM	10.561
3262	18.64	14.64	0.915	4.575	10:50:57 AM	10.568
3263	18.63	14.63	0.914	4.572	10:50:58 AM	10.561
3264	18.62	14.62	0.914	4.569	10:50:59 AM	10.554

3265	18.65	14.65	0.916	4.578	10:51:00 AM	10.575
3266	18.65	14.65	0.916	4.578	10:51:01 AM	10.575
3267	18.64	14.64	0.915	4.575	10:51:02 AM	10.568
3268	18.65	14.65	0.916	4.578	10:51:03 AM	10.575
3269	18.66	14.66	0.916	4.581	10:51:04 AM	10.583
3270	18.64	14.64	0.915	4.575	10:51:05 AM	10.568
3271	18.63	14.63	0.914	4.572	10:51:06 AM	10.561
3272	18.64	14.64	0.915	4.575	10:51:07 AM	10.568
3273	18.63	14.63	0.914	4.572	10:51:08 AM	10.561
3274	18.63	14.63	0.914	4.572	10:51:09 AM	10.561
3275	18.64	14.64	0.915	4.575	10:51:10 AM	10.568
3276	18.64	14.64	0.915	4.575	10:51:11 AM	10.568
3277	18.64	14.64	0.915	4.575	10:51:12 AM	10.568
3278	18.64	14.64	0.915	4.575	10:51:13 AM	10.568
3279	18.64	14.64	0.915	4.575	10:51:14 AM	10.568
3280	18.64	14.64	0.915	4.575	10:51:15 AM	10.568
3281	18.63	14.63	0.914	4.572	10:51:16 AM	10.561
3282	18.74	14.74	0.921	4.606	10:51:17 AM	10.640
3283	18.73	14.73	0.921	4.603	10:51:18 AM	10.633
3284	17.75	13.75	0.859	4.297	10:51:19 AM	9.926
3285	18.1	14.1	0.881	4.406	10:51:20 AM	10.178
3286	16.22	12.22	0.764	3.819	10:51:21 AM	8.821
3287	15.84	11.84	0.740	3.700	10:51:22 AM	8.547
3288	15.92	11.92	0.745	3.725	10:51:23 AM	8.605
3289	15.94	11.94	0.746	3.731	10:51:24 AM	8.619
3290	15.95	11.95	0.747	3.734	10:51:25 AM	8.626
3291	15.93	11.93	0.746	3.728	10:51:26 AM	8.612
3292	15.93	11.93	0.746	3.728	10:51:27 AM	8.612
3293	15.95	11.95	0.747	3.734	10:51:28 AM	8.626
3294	15.92	11.92	0.745	3.725	10:51:29 AM	8.605
3295	15.92	11.92	0.745	3.725	10:51:30 AM	8.605
3296	15.92	11.92	0.745	3.725	10:51:31 AM	8.605
3297	15.93	11.93	0.746	3.728	10:51:32 AM	8.612
3298	15.92	11.92	0.745	3.725	10:51:33 AM	8.605
3299	15.94	11.94	0.746	3.731	10:51:34 AM	8.619
3300	15.93	11.93	0.746	3.728	10:51:35 AM	8.612
3301	15.95	11.95	0.747	3.734	10:51:36 AM	8.626
3302	15.95	11.95	0.747	3.734	10:51:37 AM	8.626
3303	15.95	11.95	0.747	3.734	10:51:38 AM	8.626
3304	15.93	11.93	0.746	3.728	10:51:39 AM	8.612
3305	15.93	11.93	0.746	3.728	10:51:40 AM	8.612
3306	15.93	11.93	0.746	3.728	10:51:41 AM	8.612
3307	15.93	11.93	0.746	3.728	10:51:42 AM	8.612
3308	15.93	11.93	0.746	3.728	10:51:43 AM	8.612
3309	15.93	11.93	0.746	3.728	10:51:44 AM	8.612
3310	15.95	11.95	0.747	3.734	10:51:45 AM	8.626
3311	15.96	11.96	0.748	3.738	10:51:46 AM	8.634
3312	15.95	11.95	0.747	3.734	10:51:47 AM	8.626
3313	15.96	11.96	0.748	3.738	10:51:48 AM	8.634
3314	15.96	11.96	0.748	3.738	10:51:49 AM	8.634
3315	15.94	11.94	0.746	3.731	10:51:50 AM	8.619
3316	15.93	11.93	0.746	3.728	10:51:51 AM	8.612
3317	15.94	11.94	0.746	3.731	10:51:52 AM	8.619
3318	15.95	11.95	0.747	3.734	10:51:53 AM	8.626
3319	15.95	11.95	0.747	3.734	10:51:54 AM	8.626
3320	15.95	11.95	0.747	3.734	10:51:55 AM	8.626
3321	15.95	11.95	0.747	3.734	10:51:56 AM	8.626
3322	15.94	11.94	0.746	3.731	10:51:57 AM	8.619
3323	15.96	11.96	0.748	3.738	10:51:58 AM	8.634
3324	15.97	11.97	0.748	3.741	10:51:59 AM	8.641
3325	15.96	11.96	0.748	3.738	10:52:00 AM	8.634
3326	15.95	11.95	0.747	3.734	10:52:01 AM	8.626
3327	15.95	11.95	0.747	3.734	10:52:02 AM	8.626
3328	15.95	11.95	0.747	3.734	10:52:03 AM	8.626
3329	15.95	11.95	0.747	3.734	10:52:04 AM	8.626
3330	15.95	11.95	0.747	3.734	10:52:05 AM	8.626
3331	15.94	11.94	0.746	3.731	10:52:06 AM	8.619
3332	15.97	11.97	0.748	3.741	10:52:07 AM	8.641
3333	15.97	11.97	0.748	3.741	10:52:08 AM	8.641
3334	15.96	11.96	0.748	3.738	10:52:09 AM	8.634
3335	15.97	11.97	0.748	3.741	10:52:10 AM	8.641
3336	15.97	11.97	0.748	3.741	10:52:11 AM	8.641
3337	15.97	11.97	0.748	3.741	10:52:12 AM	8.641
3338	15.96	11.96	0.748	3.738	10:52:13 AM	8.634
3339	15.95	11.95	0.747	3.734	10:52:14 AM	8.626
3340	15.95	11.95	0.747	3.734	10:52:15 AM	8.626
3341	15.96	11.96	0.748	3.738	10:52:16 AM	8.634
3342	15.95	11.95	0.747	3.734	10:52:17 AM	8.626
3343	15.97	11.97	0.748	3.741	10:52:18 AM	8.641
3344	15.97	11.97	0.748	3.741	10:52:19 AM	8.641
3345	15.97	11.97	0.748	3.741	10:52:20 AM	8.641
3346	15.97	11.97	0.748	3.741	10:52:21 AM	8.641
3347	15.96	11.96	0.748	3.738	10:52:22 AM	8.634
3348	15.97	11.97	0.748	3.741	10:52:23 AM	8.641
3349	15.95	11.95	0.747	3.734	10:52:24 AM	8.626
3350	15.95	11.95	0.747	3.734	10:52:25 AM	8.626
3351	15.96	11.96	0.748	3.738	10:52:26 AM	8.634
3352	15.95	11.95	0.747	3.734	10:52:27 AM	8.626
3353	15.95	11.95	0.747	3.734	10:52:28 AM	8.626
3354	15.96	11.96	0.748	3.738	10:52:29 AM	8.634
3355	15.97	11.97	0.748	3.741	10:52:30 AM	8.641
3356	15.97	11.97	0.748	3.741	10:52:31 AM	8.641
3357	15.97	11.97	0.748	3.741	10:52:32 AM	8.641
3358	15.97	11.97	0.748	3.741	10:52:33 AM	8.641
3359	15.99	11.99	0.749	3.747	10:52:34 AM	8.655
3360	15.95	11.95	0.747	3.734	10:52:35 AM	8.626
3361	15.96	11.96	0.748	3.738	10:52:36 AM	8.634
3362	15.96	11.96	0.748	3.738	10:52:37 AM	8.634
3363	15.96	11.96	0.748	3.738	10:52:38 AM	8.634
3364	15.96	11.96	0.748	3.738	10:52:39 AM	8.634
3365	15.97	11.97	0.748	3.741	10:52:40 AM	8.641
3366	15.97	11.97	0.748	3.741	10:52:41 AM	8.641
3367	15.97	11.97	0.748	3.741	10:52:42 AM	8.641
3368	15.97	11.97	0.748	3.741	10:52:43 AM	8.641
3369	15.97	11.97	0.748	3.741	10:52:44 AM	8.641
3370	15.96	11.96	0.748	3.738	10:52:45 AM	8.634
3371	15.95	11.95	0.747	3.734	10:52:46 AM	8.626
3372	15.95	11.95	0.747	3.734	10:52:47 AM	8.626
3373	15.96	11.96	0.748	3.738	10:52:48 AM	8.634
3374	15.96	11.96	0.748	3.738	10:52:49 AM	8.634
3375	15.97	11.97	0.748	3.741	10:52:50 AM	8.641
3376	15.97	11.97	0.748	3.741	10:52:51 AM	8.641
3377	15.97	11.97	0.748	3.741	10:52:52 AM	8.641
3378	15.97	11.97	0.748	3.741	10:52:53 AM	8.641
3379	15.98	11.98	0.749	3.744	10:52:54 AM	8.648
3380	15.99	11.99	0.749	3.747	10:52:55 AM	8.655
3381	15.97	11.97	0.748	3.741	10:52:56 AM	8.641
3382	15.96	11.96	0.748	3.738	10:52:57 AM	8.634
3383	15.96	11.96	0.748	3.738	10:52:58 AM	8.634
3384	15.97	11.97	0.748	3.741	10:52:59 AM	8.641
3385	15.96	11.96	0.748	3.738	10:53:00 AM	8.634
3386	15.96	11.96	0.748	3.738	10:53:01 AM	8.634
3387	15.97	11.97	0.748	3.741	10:53:02 AM	8.641
3388	15.97	11.97	0.748	3.741	10:53:03 AM	8.641
3389	15.97	11.97	0.748	3.741	10:53:04 AM	8.641
3390	15.99	11.99	0.749	3.747	10:53:05 AM	8.655
3391	15.97	11.97	0.748	3.741	10:53:06 AM	8.641
3392	15.97	11.97	0.748	3.741	10:53:07 AM	8.641
3393	15.75	11.75	0.734	3.672	10:53:08 AM	8.482
3394	14.41	10.41	0.651	3.253	10:53:09 AM	7.515
3395	14.44	10.44	0.653	3.263	10:53:10 AM	7.536
3396	14.43	10.43	0.652	3.259	10:53:11 AM	7.529
3397	14.43	10.43	0.652	3.259	10:53:12 AM	7.529
3398	14.45	10.45	0.653	3.266	10:53:13 AM	7.544
3399	14.46	10.46	0.654	3.269	10:53:14 AM	7.551
3400	14.44	10.44	0.653	3.263	10:53:15 AM	7.536
3401	14.43	10.43	0.652	3.259	10:53:16 AM	7.529
3402	14.43	10.43	0.652	3.259	10:53:17 AM	7.529
3403	14.21	10.21	0.638	3.191	10:53:18 AM	7.370
3404	11.53	7.53	0.471	2.353	10:53:19 AM	5.436
3405	8.58	4.58	0.286	1.431	10:53:20 AM	3.306
3406	8.71	4.71	0.294	1.472	10:53:21 AM	3.400
3407	7.72	3.72	0.233	1.163	10:53:22 AM	2.685
3408	6.27	2.27	0.142	0.709	10:53:23 AM	1.639
3409	3.98	-0.02	(0.001)	(0.006)	10:53:24 AM	(0.014)
3410	3.99	-0.01	(0.001)	(0.003)	10:53:25 AM	(0.007)
3411	3.99	-0.01	(0.001)	(0.003)	10:53:26 AM	(0.007)
3412	3.98	-0.02	(0.001)	(0.006)	10:53:27 AM	(0.014)
3413	3.98	-0.02	(0.001)	(0.006)	10:53:28 AM	(0.014)
3414	3.98	-0.02	(0.001)	(0.006)	10:53:29 AM	(0.014)
3415	3.97	-0.03	(0.002)	(0.009)	10:53:30 AM	(0.022)
3416	3.98	-0.02	(0.001)	(0.006)	10:53:31 AM	(0.014)
3417	3.97	-0.03	(0.002)	(0.009)	10:53:32 AM	(0.022)
3418	3.98	-0.02	(0.001)	(0.006)	10:53:33 AM	(0.014)
3419	3.99	-0.01	(0.001)	(0.003)	10:53:34 AM	(0.007)
3420	3.98	-0.02	(0.001)	(0.006)	10:53:35 AM	(0.014)
3421	3.98	-0.02	(0.001)	(0.006)	10:53:36 AM	(0.014)
3422	3.99	-0.01	(0.001)	(0.003)	10:53:37 AM	(0.007)
3423	3.99	-0.01	(0.001)	(0.003)	10:53:38 AM	(0.007)
3424	3.99	-0.01	(0.001)	(0.003)	10:53:39 AM	(0.007)
3425	3.99	-0.01	(0.001)	(0.003)	10:53:40 AM	(0.007)
3426	3.99	-0.01	(0.001)	(0.003)	10:53:41 AM	(0.007)

3427	3.99	-0.01	(0.001)	(0.003)	10:53:42 AM	(0.007)
3428	4	0	-	-	10:53:43 AM	-
3429	3.99	-0.01	(0.001)	(0.003)	10:53:44 AM	(0.007)
3430	4	0	-	-	10:53:45 AM	-
3431	3.99	-0.01	(0.001)	(0.003)	10:53:46 AM	(0.007)
3432	3.99	-0.01	(0.001)	(0.003)	10:53:47 AM	(0.007)
3433	3.99	-0.01	(0.001)	(0.003)	10:53:48 AM	(0.007)
3434	3.99	-0.01	(0.001)	(0.003)	10:53:49 AM	(0.007)
3435	3.99	-0.01	(0.001)	(0.003)	10:53:50 AM	(0.007)
3436	3.99	-0.01	(0.001)	(0.003)	10:53:51 AM	(0.007)
3437	3.99	-0.01	(0.001)	(0.003)	10:53:52 AM	(0.007)
3438	3.99	-0.01	(0.001)	(0.003)	10:53:53 AM	(0.007)
3439	3.99	-0.01	(0.001)	(0.003)	10:53:54 AM	(0.007)
3440	3.99	-0.01	(0.001)	(0.003)	10:53:55 AM	(0.007)
3441	3.99	-0.01	(0.001)	(0.003)	10:53:56 AM	(0.007)
3442	4	0	-	-	10:53:57 AM	-
3443	4.01	0.01	0.001	0.003	10:53:58 AM	0.007
3444	4.01	0.01	0.001	0.003	10:53:59 AM	0.007
3445	4	0	-	-	10:54:00 AM	-
3446	4.01	0.01	0.001	0.003	10:54:01 AM	0.007
3447	4.01	0.01	0.001	0.003	10:54:02 AM	0.007
3448	0.03	-3.97	(0.248)	(1.241)	10:54:03 AM	(2.866)
3449	0.04	-3.96	(0.248)	(1.238)	10:54:04 AM	(2.859)
3450	0.03	-3.97	(0.248)	(1.241)	10:54:05 AM	(2.866)
3451	0.04	-3.96	(0.248)	(1.238)	10:54:06 AM	(2.859)
3452	0.03	-3.97	(0.248)	(1.241)	10:54:07 AM	(2.866)
3453	0.04	-3.96	(0.248)	(1.238)	10:54:08 AM	(2.859)
3454	0.04	-3.96	(0.248)	(1.238)	10:54:09 AM	(2.859)
3455	0.04	-3.96	(0.248)	(1.238)	10:54:10 AM	(2.859)
3456	0.04	-3.96	(0.248)	(1.238)	10:54:11 AM	(2.859)
3457	0.04	-3.96	(0.248)	(1.238)	10:54:12 AM	(2.859)
3458	0.04	-3.96	(0.248)	(1.238)	10:54:13 AM	(2.859)
3459	0.04	-3.96	(0.248)	(1.238)	10:54:14 AM	(2.859)
3460	0.04	-3.96	(0.248)	(1.238)	10:54:15 AM	(2.859)
3461	0.04	-3.96	(0.248)	(1.238)	10:54:16 AM	(2.859)
3462	0.04	-3.96	(0.248)	(1.238)	10:54:17 AM	(2.859)
3463	0.04	-3.96	(0.248)	(1.238)	10:54:18 AM	(2.859)
3464	0.05	-3.95	(0.247)	(1.234)	10:54:19 AM	(2.851)
3465	0.04	-3.96	(0.248)	(1.238)	10:54:20 AM	(2.859)
3466	0.04	-3.96	(0.248)	(1.238)	10:54:21 AM	(2.859)
3467	0.03	-3.97	(0.248)	(1.241)	10:54:22 AM	(2.866)
3468	0.04	-3.96	(0.248)	(1.238)	10:54:23 AM	(2.859)
3469	0.04	-3.96	(0.248)	(1.238)	10:54:24 AM	(2.859)
3470	0.04	-3.96	(0.248)	(1.238)	10:54:25 AM	(2.859)
3471	0.04	-3.96	(0.248)	(1.238)	10:54:26 AM	(2.859)
3472	0.04	-3.96	(0.248)	(1.238)	10:54:27 AM	(2.859)
3473	0.04	-3.96	(0.248)	(1.238)	10:54:28 AM	(2.859)
3474	0.04	-3.96	(0.248)	(1.238)	10:54:29 AM	(2.859)
3475	0.04	-3.96	(0.248)	(1.238)	10:54:30 AM	(2.859)
3476	0.04	-3.96	(0.248)	(1.238)	10:54:31 AM	(2.859)
3477	0.03	-3.97	(0.248)	(1.241)	10:54:32 AM	(2.866)
3478	0.04	-3.96	(0.248)	(1.238)	10:54:33 AM	(2.859)
3479	0.04	-3.96	(0.248)	(1.238)	10:54:34 AM	(2.859)
3480	0.04	-3.96	(0.248)	(1.238)	10:54:35 AM	(2.859)
3481	0.04	-3.96	(0.248)	(1.238)	10:54:36 AM	(2.859)
3482	0.04	-3.96	(0.248)	(1.238)	10:54:37 AM	(2.859)
3483	0.04	-3.96	(0.248)	(1.238)	10:54:38 AM	(2.859)
3484	0.04	-3.96	(0.248)	(1.238)	10:54:39 AM	(2.859)
3485	0.04	-3.96	(0.248)	(1.238)	10:54:40 AM	(2.859)
3486	0.05	-3.95	(0.247)	(1.234)	10:54:41 AM	(2.851)
3487	0.04	-3.96	(0.248)	(1.238)	10:54:42 AM	(2.859)
3488	0.04	-3.96	(0.248)	(1.238)	10:54:43 AM	(2.859)
3489	0.04	-3.96	(0.248)	(1.238)	10:54:44 AM	(2.859)
3490	0.04	-3.96	(0.248)	(1.238)	10:54:45 AM	(2.859)
3491	0.04	-3.96	(0.248)	(1.238)	10:54:46 AM	(2.859)
3492	0.04	-3.96	(0.248)	(1.238)	10:54:47 AM	(2.859)
3493	0.04	-3.96	(0.248)	(1.238)	10:54:48 AM	(2.859)
3494	0.04	-3.96	(0.248)	(1.238)	10:54:49 AM	(2.859)
3495	0.04	-3.96	(0.248)	(1.238)	10:54:50 AM	(2.859)
3496	0.03	-3.97	(0.248)	(1.241)	10:54:51 AM	(2.866)
3497	0.04	-3.96	(0.248)	(1.238)	10:54:52 AM	(2.859)
3498	0.04	-3.96	(0.248)	(1.238)	10:54:53 AM	(2.859)
3499	0.04	-3.96	(0.248)	(1.238)	10:54:54 AM	(2.859)
3500	0.04	-3.96	(0.248)	(1.238)	10:54:55 AM	(2.859)
3501	0.04	-3.96	(0.248)	(1.238)	10:54:56 AM	(2.859)
3502	0.03	-3.97	(0.248)	(1.241)	10:54:57 AM	(2.866)
3503	0.04	-3.96	(0.248)	(1.238)	10:54:58 AM	(2.859)
3504	0.05	-3.95	(0.247)	(1.234)	10:54:59 AM	(2.851)
3505	0.04	-3.96	(0.248)	(1.238)	10:55:00 AM	(2.859)
3506	0.04	-3.96	(0.248)	(1.238)	10:55:01 AM	(2.859)
3507	0.04	-3.96	(0.248)	(1.238)	10:55:02 AM	(2.859)
3508	0.04	-3.96	(0.248)	(1.238)	10:55:03 AM	(2.859)
3509	0.04	-3.96	(0.248)	(1.238)	10:55:04 AM	(2.859)
3510	0.05	-3.95	(0.247)	(1.234)	10:55:05 AM	(2.851)
3511	0.04	-3.96	(0.248)	(1.238)	10:55:06 AM	(2.859)
3512	0.04	-3.96	(0.248)	(1.238)	10:55:07 AM	(2.859)
3513	0.04	-3.96	(0.248)	(1.238)	10:55:08 AM	(2.859)
3514	0.04	-3.96	(0.248)	(1.238)	10:55:09 AM	(2.859)
3515	0.04	-3.96	(0.248)	(1.238)	10:55:10 AM	(2.859)
3516	0.04	-3.96	(0.248)	(1.238)	10:55:11 AM	(2.859)
3517	0.03	-3.97	(0.248)	(1.241)	10:55:12 AM	(2.866)
3518	0.04	-3.96	(0.248)	(1.238)	10:55:13 AM	(2.859)
3519	0.03	-3.97	(0.248)	(1.241)	10:55:14 AM	(2.866)
3520	0.04	-3.96	(0.248)	(1.238)	10:55:15 AM	(2.859)
3521	0.04	-3.96	(0.248)	(1.238)	10:55:16 AM	(2.859)
3522	0.04	-3.96	(0.248)	(1.238)	10:55:17 AM	(2.859)
3523	0.03	-3.97	(0.248)	(1.241)	10:55:18 AM	(2.866)
3524	0.04	-3.96	(0.248)	(1.238)	10:55:19 AM	(2.859)
3525	0.04	-3.96	(0.248)	(1.238)	10:55:20 AM	(2.859)
3526	0.05	-3.95	(0.247)	(1.234)	10:55:21 AM	(2.851)
3527	0.04	-3.96	(0.248)	(1.238)	10:55:22 AM	(2.859)
3528	0.04	-3.96	(0.248)	(1.238)	10:55:23 AM	(2.859)
3529	0.04	-3.96	(0.248)	(1.238)	10:55:24 AM	(2.859)
3530	0.04	-3.96	(0.248)	(1.238)	10:55:25 AM	(2.859)
3531	0.04	-3.96	(0.248)	(1.238)	10:55:26 AM	(2.859)
3532	0.04	-3.96	(0.248)	(1.238)	10:55:27 AM	(2.859)
3533	0.04	-3.96	(0.248)	(1.238)	10:55:28 AM	(2.859)
3534	0.04	-3.96	(0.248)	(1.238)	10:55:29 AM	(2.859)
3535	0.04	-3.96	(0.248)	(1.238)	10:55:30 AM	(2.859)
3536	0.05	-3.95	(0.247)	(1.234)	10:55:31 AM	(2.851)
3537	0.04	-3.96	(0.248)	(1.238)	10:55:32 AM	(2.859)
3538	0.04	-3.96	(0.248)	(1.238)	10:55:33 AM	(2.859)
3539	0.04	-3.96	(0.248)	(1.238)	10:55:34 AM	(2.859)
3540	0.04	-3.96	(0.248)	(1.238)	10:55:35 AM	(2.859)
3541	0.04	-3.96	(0.248)	(1.238)	10:55:36 AM	(2.859)
3542	0.05	-3.95	(0.247)	(1.234)	10:55:37 AM	(2.851)
3543	0.04	-3.96	(0.248)	(1.238)	10:55:38 AM	(2.859)
3544	0.04	-3.96	(0.248)	(1.238)	10:55:39 AM	(2.859)
3545	0.05	-3.95	(0.247)	(1.234)	10:55:40 AM	(2.851)
3546	0.04	-3.96	(0.248)	(1.238)	10:55:41 AM	(2.859)
3547	0.04	-3.96	(0.248)	(1.238)	10:55:42 AM	(2.859)
3548	0.04	-3.96	(0.248)	(1.238)	10:55:43 AM	(2.859)
3549	0.04	-3.96	(0.248)	(1.238)	10:55:44 AM	(2.859)
3550	0.03	-3.97	(0.248)	(1.241)	10:55:45 AM	(2.866)
3551	0.04	-3.96	(0.248)	(1.238)	10:55:46 AM	(2.859)
3552	0.04	-3.96	(0.248)	(1.238)	10:55:47 AM	(2.859)
3553	0.04	-3.96	(0.248)	(1.238)	10:55:48 AM	(2.859)
3554	0.04	-3.96	(0.248)	(1.238)	10:55:49 AM	(2.859)
3555	0.04	-3.96	(0.248)	(1.238)	10:55:50 AM	(2.859)
3556	0.04	-3.96	(0.248)	(1.238)	10:55:51 AM	(2.859)
3557	0.04	-3.96	(0.248)	(1.238)	10:55:52 AM	(2.859)
3558	0.04	-3.96	(0.248)	(1.238)	10:55:53 AM	(2.859)
3559	0.04	-3.96	(0.248)	(1.238)	10:55:54 AM	(2.859)
3560	0.04	-3.96	(0.248)	(1.238)	10:55:55 AM	(2.859)
3561	0.04	-3.96	(0.248)	(1.238)	10:55:56 AM	(2.859)
3562	0.04	-3.96	(0.248)	(1.238)	10:55:57 AM	(2.859)
3563	0.04	-3.96	(0.248)	(1.238)	10:55:58 AM	(2.859)
3564	0.04	-3.96	(0.248)	(1.238)	10:55:59 AM	(2.859)
3565	0.04	-3.96	(0.248)	(1.238)	10:56:00 AM	(2.859)
3566	0.03	-3.97	(0.248)	(1.241)	10:56:01 AM	(2.866)
3567	0.04	-3.96	(0.248)	(1.238)	10:56:02 AM	(2.859)
3568	0.04	-3.96	(0.248)	(1.238)	10:56:03 AM	(2.859)
3569	0.04	-3.96	(0.248)	(1.238)	10:56:04 AM	(2.859)
3570	0.04	-3.96	(0.248)	(1.238)	10:56:05 AM	(2.859)
3571	0.05	-3.95	(0.247)	(1.234)	10:56:06 AM	(2.851)
3572	0.04	-3.96	(0.248)	(1.238)	10:56:07 AM	(2.859)
3573	0.04	-3.96	(0.248)	(1.238)	10:56:08 AM	(2.859)
3574	0.04	-3.96	(0.248)	(1.238)	10:56:09 AM	(2.859)
3575	0.04	-3.96	(0.248)	(1.238)	10:56:10 AM	(2.859)
3576	0.04	-3.96	(0.248)	(1.238)	10:56:11 AM	(2.859)
3577	0.04	-3.96	(0.248)	(1.238)	10:56:12 AM	(2.859)
3578	0.04	-3.96	(0.248)	(1.238)	10:56:13 AM	(2.859)
3579	0.04	-3.96	(0.248)	(1.238)	10:56:14 AM	(2.859)
3580	0.04	-3.96	(0.248)	(1.238)	10:56:15 AM	(2.859)
3581	0.04	-3.96	(0.248)	(1.238)	10:56:16 AM	(2.859)
3582	0.04	-3.96	(0.248)	(1.238)	10:56:17 AM	(2.859)
3583	0.04	-3.96	(0.248)	(1.238)	10:56:18 AM	(2.859)
3584	0.04	-3.96	(0.248)	(1.238)	10:56:19 AM	(2.859)
3585	0.04	-3.96	(0.248)	(1.238)	10:56:20 AM	(2.859)
3586	0.04	-3.96	(0.248)	(1.238)	10:56:21 AM	(2.859)
3587	0.04	-3.96	(0.248)	(1.238)	10:56:22 AM	(2.859)
3588	0.04	-3.96	(0.248)	(1.238)	10:56:23 AM	(2.859)

3589	0.04	-3.96	(0.248)	(1.238)	10:56:24 AM	(2.859)
3590	0.04	-3.96	(0.248)	(1.238)	10:56:25 AM	(2.859)
3591	0.04	-3.96	(0.248)	(1.238)	10:56:26 AM	(2.859)
3592	0.04	-3.96	(0.248)	(1.238)	10:56:27 AM	(2.859)
3593	0.04	-3.96	(0.248)	(1.238)	10:56:28 AM	(2.859)
3594	0.04	-3.96	(0.248)	(1.238)	10:56:29 AM	(2.859)
3595	0.04	-3.96	(0.248)	(1.238)	10:56:30 AM	(2.859)
3596	0.04	-3.96	(0.248)	(1.238)	10:56:31 AM	(2.859)
3597	0.04	-3.96	(0.248)	(1.238)	10:56:32 AM	(2.859)
3598	0.04	-3.96	(0.248)	(1.238)	10:56:33 AM	(2.859)
3599	0.04	-3.96	(0.248)	(1.238)	10:56:34 AM	(2.859)
3600	0.04	-3.96	(0.248)	(1.238)	10:56:35 AM	(2.859)
3601	0.04	-3.96	(0.248)	(1.238)	10:56:36 AM	(2.859)
3602	0.04	-3.96	(0.248)	(1.238)	10:56:37 AM	(2.859)
3603	0.04	-3.96	(0.248)	(1.238)	10:56:38 AM	(2.859)
3604	0.04	-3.96	(0.248)	(1.238)	10:56:39 AM	(2.859)
3605	0.05	-3.95	(0.247)	(1.234)	10:56:40 AM	(2.851)
3606	0.04	-3.96	(0.248)	(1.238)	10:56:41 AM	(2.859)
3607	0.04	-3.96	(0.248)	(1.238)	10:56:42 AM	(2.859)
3608	0.04	-3.96	(0.248)	(1.238)	10:56:43 AM	(2.859)
3609	0.04	-3.96	(0.248)	(1.238)	10:56:44 AM	(2.859)
3610	0.04	-3.96	(0.248)	(1.238)	10:56:45 AM	(2.859)
3611	0.04	-3.96	(0.248)	(1.238)	10:56:46 AM	(2.859)
3612	0.04	-3.96	(0.248)	(1.238)	10:56:47 AM	(2.859)
3613	0.04	-3.96	(0.248)	(1.238)	10:56:48 AM	(2.859)
3614	0.04	-3.96	(0.248)	(1.238)	10:56:49 AM	(2.859)
3615	0.04	-3.96	(0.248)	(1.238)	10:56:50 AM	(2.859)
3616	0.04	-3.96	(0.248)	(1.238)	10:56:51 AM	(2.859)
3617	0.04	-3.96	(0.248)	(1.238)	10:56:52 AM	(2.859)
3618	0.04	-3.96	(0.248)	(1.238)	10:56:53 AM	(2.859)
3619	0.04	-3.96	(0.248)	(1.238)	10:56:54 AM	(2.859)
3620	0.04	-3.96	(0.248)	(1.238)	10:56:55 AM	(2.859)
3621	0.04	-3.96	(0.248)	(1.238)	10:56:56 AM	(2.859)
3622	0.04	-3.96	(0.248)	(1.238)	10:56:57 AM	(2.859)
3623	0.04	-3.96	(0.248)	(1.238)	10:56:58 AM	(2.859)
3624	0.04	-3.96	(0.248)	(1.238)	10:56:59 AM	(2.859)
3625	0.04	-3.96	(0.248)	(1.238)	10:57:00 AM	(2.859)
3626	0.04	-3.96	(0.248)	(1.238)	10:57:01 AM	(2.859)
3627	0.04	-3.96	(0.248)	(1.238)	10:57:02 AM	(2.859)
3628	0.04	-3.96	(0.248)	(1.238)	10:57:03 AM	(2.859)
3629	0.05	-3.95	(0.247)	(1.234)	10:57:04 AM	(2.851)
3630	0.04	-3.96	(0.248)	(1.238)	10:57:05 AM	(2.859)
3631	0.04	-3.96	(0.248)	(1.238)	10:57:06 AM	(2.859)
3632	0.04	-3.96	(0.248)	(1.238)	10:57:07 AM	(2.859)
3633	0.04	-3.96	(0.248)	(1.238)	10:57:08 AM	(2.859)
3634	0.04	-3.96	(0.248)	(1.238)	10:57:09 AM	(2.859)
3635	0.04	-3.96	(0.248)	(1.238)	10:57:10 AM	(2.859)
3636	0.04	-3.96	(0.248)	(1.238)	10:57:11 AM	(2.859)
3637	0.04	-3.96	(0.248)	(1.238)	10:57:12 AM	(2.859)
3638	0.04	-3.96	(0.248)	(1.238)	10:57:13 AM	(2.859)
3639	0.04	-3.96	(0.248)	(1.238)	10:57:14 AM	(2.859)
3640	0.04	-3.96	(0.248)	(1.238)	10:57:15 AM	(2.859)
3641	0.04	-3.96	(0.248)	(1.238)	10:57:16 AM	(2.859)
3642	0.04	-3.96	(0.248)	(1.238)	10:57:17 AM	(2.859)
3643	0.05	-3.95	(0.247)	(1.234)	10:57:18 AM	(2.851)
3644	0.04	-3.96	(0.248)	(1.238)	10:57:19 AM	(2.859)
3645	0.04	-3.96	(0.248)	(1.238)	10:57:20 AM	(2.859)
3646	0.04	-3.96	(0.248)	(1.238)	10:57:21 AM	(2.859)
3647	0.05	-3.95	(0.247)	(1.234)	10:57:22 AM	(2.851)
3648	0.05	-3.95	(0.247)	(1.234)	10:57:23 AM	(2.851)
3649	0.04	-3.96	(0.248)	(1.238)	10:57:24 AM	(2.859)
3650	0.04	-3.96	(0.248)	(1.238)	10:57:25 AM	(2.859)
3651	0.04	-3.96	(0.248)	(1.238)	10:57:26 AM	(2.859)
3652	0.04	-3.96	(0.248)	(1.238)	10:57:27 AM	(2.859)
3653	0.04	-3.96	(0.248)	(1.238)	10:57:28 AM	(2.859)
3654	0.04	-3.96	(0.248)	(1.238)	10:57:29 AM	(2.859)
3655	0.04	-3.96	(0.248)	(1.238)	10:57:30 AM	(2.859)
3656	0.05	-3.95	(0.247)	(1.234)	10:57:31 AM	(2.851)
3657	0.04	-3.96	(0.248)	(1.238)	10:57:32 AM	(2.859)
3658	0.04	-3.96	(0.248)	(1.238)	10:57:33 AM	(2.859)
3659	0.04	-3.96	(0.248)	(1.238)	10:57:34 AM	(2.859)
3660	0.04	-3.96	(0.248)	(1.238)	10:57:35 AM	(2.859)
3661	0.04	-3.96	(0.248)	(1.238)	10:57:36 AM	(2.859)
3662	0.03	-3.97	(0.248)	(1.241)	10:57:37 AM	(2.866)
3663	0.04	-3.96	(0.248)	(1.238)	10:57:38 AM	(2.859)
3664	0.04	-3.96	(0.248)	(1.238)	10:57:39 AM	(2.859)
3665	0.04	-3.96	(0.248)	(1.238)	10:57:40 AM	(2.859)
3666	0.04	-3.96	(0.248)	(1.238)	10:57:41 AM	(2.859)
3667	0.04	-3.96	(0.248)	(1.238)	10:57:42 AM	(2.859)
3668	0.05	-3.95	(0.247)	(1.234)	10:57:43 AM	(2.851)
3669	0.04	-3.96	(0.248)	(1.238)	10:57:44 AM	(2.859)
3670	0.04	-3.96	(0.248)	(1.238)	10:57:45 AM	(2.859)
3671	0.05	-3.95	(0.247)	(1.234)	10:57:46 AM	(2.851)
3672	0.04	-3.96	(0.248)	(1.238)	10:57:47 AM	(2.859)
3673	0.04	-3.96	(0.248)	(1.238)	10:57:48 AM	(2.859)
3674	0.04	-3.96	(0.248)	(1.238)	10:57:49 AM	(2.859)
3675	0.04	-3.96	(0.248)	(1.238)	10:57:50 AM	(2.859)
3676	0.04	-3.96	(0.248)	(1.238)	10:57:51 AM	(2.859)
3677	0.04	-3.96	(0.248)	(1.238)	10:57:52 AM	(2.859)
3678	0.04	-3.96	(0.248)	(1.238)	10:57:53 AM	(2.859)
3679	0.04	-3.96	(0.248)	(1.238)	10:57:54 AM	(2.859)
3680	0.04	-3.96	(0.248)	(1.238)	10:57:55 AM	(2.859)
3681	0.04	-3.96	(0.248)	(1.238)	10:57:56 AM	(2.859)
3682	0.04	-3.96	(0.248)	(1.238)	10:57:57 AM	(2.859)
3683	0.05	-3.95	(0.247)	(1.234)	10:57:58 AM	(2.851)
3684	0.05	-3.95	(0.247)	(1.234)	10:57:59 AM	(2.851)
3685	0.04	-3.96	(0.248)	(1.238)	10:58:00 AM	(2.859)
3686	0.04	-3.96	(0.248)	(1.238)	10:58:01 AM	(2.859)
3687	0.05	-3.95	(0.247)	(1.234)	10:58:02 AM	(2.851)
3688	0.04	-3.96	(0.248)	(1.238)	10:58:03 AM	(2.859)
3689	0.04	-3.96	(0.248)	(1.238)	10:58:04 AM	(2.859)
3690	0.04	-3.96	(0.248)	(1.238)	10:58:05 AM	(2.859)
3691	0.04	-3.96	(0.248)	(1.238)	10:58:06 AM	(2.859)
3692	0.04	-3.96	(0.248)	(1.238)	10:58:07 AM	(2.859)
3693	0.04	-3.96	(0.248)	(1.238)	10:58:08 AM	(2.859)
3694	0.04	-3.96	(0.248)	(1.238)	10:58:09 AM	(2.859)
3695	0.04	-3.96	(0.248)	(1.238)	10:58:10 AM	(2.859)
3696	0.04	-3.96	(0.248)	(1.238)	10:58:11 AM	(2.859)
3697	0.04	-3.96	(0.248)	(1.238)	10:58:12 AM	(2.859)
3698	0.05	-3.95	(0.247)	(1.234)	10:58:13 AM	(2.851)
3699	0.04	-3.96	(0.248)	(1.238)	10:58:14 AM	(2.859)
3700	0.04	-3.96	(0.248)	(1.238)	10:58:15 AM	(2.859)
3701	0.04	-3.96	(0.248)	(1.238)	10:58:16 AM	(2.859)
3702	0.04	-3.96	(0.248)	(1.238)	10:58:17 AM	(2.859)
3703	0.04	-3.96	(0.248)	(1.238)	10:58:18 AM	(2.859)
3704	0.04	-3.96	(0.248)	(1.238)	10:58:19 AM	(2.859)
3705	0.05	-3.95	(0.247)	(1.234)	10:58:20 AM	(2.851)
3706	0.04	-3.96	(0.248)	(1.238)	10:58:21 AM	(2.859)
3707	0.04	-3.96	(0.248)	(1.238)	10:58:22 AM	(2.859)
3708	0.04	-3.96	(0.248)	(1.238)	10:58:23 AM	(2.859)
3709	0.04	-3.96	(0.248)	(1.238)	10:58:24 AM	(2.859)
3710	0.04	-3.96	(0.248)	(1.238)	10:58:25 AM	(2.859)
3711	0.05	-3.95	(0.247)	(1.234)	10:58:26 AM	(2.851)
3712	0.04	-3.96	(0.248)	(1.238)	10:58:27 AM	(2.859)
3713	0.04	-3.96	(0.248)	(1.238)	10:58:28 AM	(2.859)
3714	0.04	-3.96	(0.248)	(1.238)	10:58:29 AM	(2.859)
3715	0.01	-3.99	(0.249)	(1.247)	10:58:30 AM	(2.880)
3716	0.04	-3.96	(0.248)	(1.238)	10:58:31 AM	(2.859)
3717	0.05	-3.95	(0.247)	(1.234)	10:58:32 AM	(2.851)
3718	0.04	-3.96	(0.248)	(1.238)	10:58:33 AM	(2.859)
3719	0.04	-3.96	(0.248)	(1.238)	10:58:34 AM	(2.859)
3720	12.19	8.19	0.512	2.559	10:58:35 AM	5.912
3721	12.21	8.21	0.513	2.566	10:58:36 AM	5.927
3722	12.21	8.21	0.513	2.566	10:58:37 AM	5.927
3723	12.21	8.21	0.513	2.566	10:58:38 AM	5.927
3724	12.19	8.19	0.512	2.559	10:58:39 AM	5.912
3725	12.19	8.19	0.512	2.559	10:58:40 AM	5.912
3726	12.19	8.19	0.512	2.559	10:58:41 AM	5.912
3727	12.19	8.19	0.512	2.559	10:58:42 AM	5.912
3728	12.19	8.19	0.512	2.559	10:58:43 AM	5.912
3729	12.19	8.19	0.512	2.559	10:58:44 AM	5.912
3730	12.19	8.19	0.512	2.559	10:58:45 AM	5.912
3731	12.21	8.21	0.513	2.566	10:58:46 AM	5.927
3732	12.2	8.2	0.513	2.563	10:58:47 AM	5.919
3733	12.19	8.19	0.512	2.559	10:58:48 AM	5.912
3734	12.19	8.19	0.512	2.559	10:58:49 AM	5.912
3735	12.19	8.19	0.512	2.559	10:58:50 AM	5.912
3736	12.18	8.18	0.511	2.556	10:58:51 AM	5.905
3737	12.19	8.19	0.512	2.559	10:58:52 AM	5.912
3738	12.19	8.19	0.512	2.559	10:58:53 AM	5.912
3739	12.19	8.19	0.512	2.559	10:58:54 AM	5.912
3740	12.18	8.18	0.511	2.556	10:58:55 AM	5.905
3741	12.18	8.18	0.511	2.556	10:58:56 AM	5.905
3742	12.19	8.19	0.512	2.559	10:58:57 AM	5.912
3743	12.21	8.21	0.513	2.566	10:58:58 AM	5.927
3744	12.21	8.21	0.513	2.566	10:58:59 AM	5.927
3745	12.19	8.19	0.512	2.559	10:59:00 AM	5.912
3746	12.19	8.19	0.512	2.559	10:59:01 AM	5.912
3747	12.18	8.18	0.511	2.556	10:59:02 AM	5.905
3748	12.18	8.18	0.511	2.556	10:59:03 AM	5.905
3749	12.19	8.19	0.512	2.559	10:59:04 AM	5.912
3750	12.17	8.17	0.511	2.553	10:59:05 AM	5.898

3751	12.19	8.19	0.512	2.559	10:59:06 AM	5.912
3752	12.2	8.2	0.513	2.563	10:59:07 AM	5.919
3753	12.2	8.2	0.513	2.563	10:59:08 AM	5.919
3754	12.19	8.19	0.512	2.559	10:59:09 AM	5.912
3755	12.4	8.4	0.525	2.625	10:59:10 AM	6.064
3756	13.18	9.18	0.574	2.869	10:59:11 AM	6.627
3757	14.63	10.63	0.664	3.322	10:59:12 AM	7.674
3758	15.4	11.4	0.713	3.563	10:59:13 AM	8.229
3759	15.97	11.97	0.748	3.741	10:59:14 AM	8.641
3760	17.32	13.32	0.833	4.163	10:59:15 AM	9.615
3761	17.36	13.36	0.835	4.175	10:59:16 AM	9.644
3762	17.33	13.33	0.833	4.166	10:59:17 AM	9.623
3763	17.37	13.37	0.836	4.178	10:59:18 AM	9.651
3764	17.37	13.37	0.836	4.178	10:59:19 AM	9.651
3765	17.33	13.33	0.833	4.166	10:59:20 AM	9.623
3766	17.33	13.33	0.833	4.166	10:59:21 AM	9.623
3767	17.33	13.33	0.833	4.166	10:59:22 AM	9.623
3768	17.33	13.33	0.833	4.166	10:59:23 AM	9.623
3769	17.33	13.33	0.833	4.166	10:59:24 AM	9.623
3770	17.34	13.34	0.834	4.169	10:59:25 AM	9.630
3771	17.34	13.34	0.834	4.169	10:59:26 AM	9.630
3772	17.34	13.34	0.834	4.169	10:59:27 AM	9.630
3773	17.35	13.35	0.834	4.172	10:59:28 AM	9.637
3774	17.33	13.33	0.833	4.166	10:59:29 AM	9.623
3775	17.33	13.33	0.833	4.166	10:59:30 AM	9.623
3776	17.33	13.33	0.833	4.166	10:59:31 AM	9.623
3777	17.33	13.33	0.833	4.166	10:59:32 AM	9.623
3778	17.33	13.33	0.833	4.166	10:59:33 AM	9.623
3779	17.33	13.33	0.833	4.166	10:59:34 AM	9.623
3780	17.33	13.33	0.833	4.166	10:59:35 AM	9.623
3781	17.33	13.33	0.833	4.166	10:59:36 AM	9.623
3782	17.36	13.36	0.835	4.175	10:59:37 AM	9.644
3783	17.35	13.35	0.834	4.172	10:59:38 AM	9.637
3784	17.35	13.35	0.834	4.172	10:59:39 AM	9.637
3785	17.34	13.34	0.834	4.169	10:59:40 AM	9.630
3786	17.33	13.33	0.833	4.166	10:59:41 AM	9.623
3787	17.33	13.33	0.833	4.166	10:59:42 AM	9.623
3788	17.33	13.33	0.833	4.166	10:59:43 AM	9.623
3789	17.33	13.33	0.833	4.166	10:59:44 AM	9.623
3790	17.33	13.33	0.833	4.166	10:59:45 AM	9.623
3791	17.33	13.33	0.833	4.166	10:59:46 AM	9.623
3792	17.35	13.35	0.834	4.172	10:59:47 AM	9.637
3793	17.33	13.33	0.833	4.166	10:59:48 AM	9.623
3794	17.33	13.33	0.833	4.166	10:59:49 AM	9.623
3795	17.33	13.33	0.833	4.166	10:59:50 AM	9.623
3796	17.3	13.3	0.831	4.156	10:59:51 AM	9.601
3797	17.32	13.32	0.833	4.163	10:59:52 AM	9.615
3798	17.32	13.32	0.833	4.163	10:59:53 AM	9.615
3799	17.33	13.33	0.833	4.166	10:59:54 AM	9.623
3800	17.32	13.32	0.833	4.163	10:59:55 AM	9.615
3801	17.3	13.3	0.831	4.156	10:59:56 AM	9.601
3802	17.3	13.3	0.831	4.156	10:59:57 AM	9.601
3803	17.35	13.35	0.834	4.172	10:59:58 AM	9.637
3804	17.35	13.35	0.834	4.172	10:59:59 AM	9.637
3805	17.32	13.32	0.833	4.163	11:00:00 AM	9.615
3806	17.33	13.33	0.833	4.166	11:00:01 AM	9.623
3807	17.32	13.32	0.833	4.163	11:00:02 AM	9.615
3808	17.32	13.32	0.833	4.163	11:00:03 AM	9.615
3809	17.32	13.32	0.833	4.163	11:00:04 AM	9.615
3810	17.32	13.32	0.833	4.163	11:00:05 AM	9.615
3811	17.33	13.33	0.833	4.166	11:00:06 AM	9.623
3812	17.34	13.34	0.834	4.169	11:00:07 AM	9.630
3813	17.33	13.33	0.833	4.166	11:00:08 AM	9.623
3814	17.33	13.33	0.833	4.166	11:00:09 AM	9.623
3815	17.32	13.32	0.833	4.163	11:00:10 AM	9.615
3816	17.3	13.3	0.831	4.156	11:00:11 AM	9.601
3817	17.32	13.32	0.833	4.163	11:00:12 AM	9.615
3818	17.29	13.29	0.831	4.153	11:00:13 AM	9.594
3819	17.32	13.32	0.833	4.163	11:00:14 AM	9.615
3820	17.32	13.32	0.833	4.163	11:00:15 AM	9.615
3821	17.3	13.3	0.831	4.156	11:00:16 AM	9.601
3822	17.34	13.34	0.834	4.169	11:00:17 AM	9.630
3823	17.34	13.34	0.834	4.169	11:00:18 AM	9.630
3824	17.33	13.33	0.833	4.166	11:00:19 AM	9.623
3825	17.3	13.3	0.831	4.156	11:00:20 AM	9.601
3826	17.32	13.32	0.833	4.163	11:00:21 AM	9.615
3827	17.32	13.32	0.833	4.163	11:00:22 AM	9.615
3828	17.32	13.32	0.833	4.163	11:00:23 AM	9.615
3829	17.3	13.3	0.831	4.156	11:00:24 AM	9.601
3830	17.3	13.3	0.831	4.156	11:00:25 AM	9.601
3831	17.32	13.32	0.833	4.163	11:00:26 AM	9.615
3832	17.33	13.33	0.833	4.166	11:00:27 AM	9.623
3833	17.32	13.32	0.833	4.163	11:00:28 AM	9.615
3834	17.3	13.3	0.831	4.156	11:00:29 AM	9.601
3835	17.3	13.3	0.831	4.156	11:00:30 AM	9.601
3836	17.3	13.3	0.831	4.156	11:00:31 AM	9.601
3837	17.3	13.3	0.831	4.156	11:00:32 AM	9.601
3838	17.3	13.3	0.831	4.156	11:00:33 AM	9.601
3839	17.3	13.3	0.831	4.156	11:00:34 AM	9.601
3840	17.3	13.3	0.831	4.156	11:00:35 AM	9.601
3841	17.3	13.3	0.831	4.156	11:00:36 AM	9.601
3842	17.33	13.33	0.833	4.166	11:00:37 AM	9.623
3843	17.33	13.33	0.833	4.166	11:00:38 AM	9.623
3844	17.34	13.34	0.834	4.169	11:00:39 AM	9.630
3845	17.3	13.3	0.831	4.156	11:00:40 AM	9.601
3846	17.3	13.3	0.831	4.156	11:00:41 AM	9.601
3847	17.3	13.3	0.831	4.156	11:00:42 AM	9.601
3848	17.32	13.32	0.833	4.163	11:00:43 AM	9.615
3849	17.3	13.3	0.831	4.156	11:00:44 AM	9.601
3850	17.32	13.32	0.833	4.163	11:00:45 AM	9.615
3851	17.3	13.3	0.831	4.156	11:00:46 AM	9.601
3852	17.32	13.32	0.833	4.163	11:00:47 AM	9.615
3853	17.3	13.3	0.831	4.156	11:00:48 AM	9.601
3854	17.3	13.3	0.831	4.156	11:00:49 AM	9.601
3855	17.3	13.3	0.831	4.156	11:00:50 AM	9.601
3856	17.3	13.3	0.831	4.156	11:00:51 AM	9.601
3857	17.3	13.3	0.831	4.156	11:00:52 AM	9.601
3858	17.28	13.28	0.830	4.150	11:00:53 AM	9.587
3859	17.29	13.29	0.831	4.153	11:00:54 AM	9.594
3860	17.3	13.3	0.831	4.156	11:00:55 AM	9.601
3861	17.28	13.28	0.830	4.150	11:00:56 AM	9.587
3862	17.34	13.34	0.834	4.169	11:00:57 AM	9.630
3863	17.33	13.33	0.833	4.166	11:00:58 AM	9.623
3864	17.3	13.3	0.831	4.156	11:00:59 AM	9.601
3865	17.3	13.3	0.831	4.156	11:01:00 AM	9.601
3866	17.29	13.29	0.831	4.153	11:01:01 AM	9.594
3867	17.3	13.3	0.831	4.156	11:01:02 AM	9.601
3868	17.3	13.3	0.831	4.156	11:01:03 AM	9.601
3869	17.28	13.28	0.830	4.150	11:01:04 AM	9.587
3870	17.3	13.3	0.831	4.156	11:01:05 AM	9.601
3871	17.32	13.32	0.833	4.163	11:01:06 AM	9.615
3872	17.32	13.32	0.833	4.163	11:01:07 AM	9.615
3873	17.32	13.32	0.833	4.163	11:01:08 AM	9.615
3874	17.32	13.32	0.833	4.163	11:01:09 AM	9.615
3875	17.29	13.29	0.831	4.153	11:01:10 AM	9.594
3876	17.29	13.29	0.831	4.153	11:01:11 AM	9.594
3877	17.28	13.28	0.830	4.150	11:01:12 AM	9.587
3878	17.29	13.29	0.831	4.153	11:01:13 AM	9.594
3879	17.3	13.3	0.831	4.156	11:01:14 AM	9.601
3880	17.3	13.3	0.831	4.156	11:01:15 AM	9.601
3881	17.28	13.28	0.830	4.150	11:01:16 AM	9.587
3882	17.28	13.28	0.830	4.150	11:01:17 AM	9.587
3883	17.32	13.32	0.833	4.163	11:01:18 AM	9.615
3884	17.32	13.32	0.833	4.163	11:01:19 AM	9.615
3885	17.33	13.33	0.833	4.166	11:01:20 AM	9.623
3886	17.3	13.3	0.831	4.156	11:01:21 AM	9.601
3887	17.29	13.29	0.831	4.153	11:01:22 AM	9.594
3888	17.29	13.29	0.831	4.153	11:01:23 AM	9.594
3889	17.3	13.3	0.831	4.156	11:01:24 AM	9.601
3890	17.3	13.3	0.831	4.156	11:01:25 AM	9.601
3891	17.33	13.33	0.833	4.166	11:01:26 AM	9.623
3892	17.32	13.32	0.833	4.163	11:01:27 AM	9.615
3893	17.28	13.28	0.830	4.150	11:01:28 AM	9.587
3894	17.29	13.29	0.831	4.153	11:01:29 AM	9.594
3895	17.29	13.29	0.831	4.153	11:01:30 AM	9.594
3896	17.29	13.29	0.831	4.153	11:01:31 AM	9.594
3897	17.29	13.29	0.831	4.153	11:01:32 AM	9.594
3898	17.29	13.29	0.831	4.153	11:01:33 AM	9.594
3899	17.28	13.28	0.830	4.150	11:01:34 AM	9.587
3900	17.29	13.29	0.831	4.153	11:01:35 AM	9.594
3901	17.28	13.28	0.830	4.150	11:01:36 AM	9.587
3902	17.32	13.32	0.833	4.163	11:01:37 AM	9.615
3903	17.33	13.33	0.833	4.166	11:01:38 AM	9.623
3904	17.29	13.29	0.831	4.153	11:01:39 AM	9.594
3905	17.28	13.28	0.830	4.150	11:01:40 AM	9.587
3906	17.28	13.28	0.830	4.150	11:01:41 AM	9.587
3907	17.29	13.29	0.831	4.153	11:01:42 AM	9.594
3908	17.3	13.3	0.831	4.156	11:01:43 AM	9.601
3909	17.28	13.28	0.830	4.150	11:01:44 AM	9.587
3910	17.28	13.28	0.830	4.150	11:01:45 AM	9.587
3911	17.46	13.46	0.841	4.206	11:01:46 AM	9.716

3912	18.68	14.68	0.918	4.588	11:01:47 AM	10.597	MW-2 drop test
3913	20.1	16.1	1.006	5.031	11:01:48 AM	11.622	
3914	20.57	16.57	1.036	5.178	11:01:49 AM	11.961	
3915	20.83	16.83	1.052	5.259	11:01:50 AM	12.149	
3916	20.82	16.82	1.051	5.256	11:01:51 AM	12.142	
3917	20.82	16.82	1.051	5.256	11:01:52 AM	12.142	
3918	20.82	16.82	1.051	5.256	11:01:53 AM	12.142	
3919	20.82	16.82	1.051	5.256	11:01:54 AM	12.142	
3920	20.82	16.82	1.051	5.256	11:01:55 AM	12.142	
3921	20.85	16.85	1.053	5.266	11:01:56 AM	12.164	
3922	20.86	16.86	1.054	5.269	11:01:57 AM	12.171	
3923	20.86	16.86	1.054	5.269	11:01:58 AM	12.171	
3924	20.82	16.82	1.051	5.256	11:01:59 AM	12.142	
3925	20.82	16.82	1.051	5.256	11:02:00 AM	12.142	
3926	20.82	16.82	1.051	5.256	11:02:01 AM	12.142	
3927	20.82	16.82	1.051	5.256	11:02:02 AM	12.142	
3928	20.82	16.82	1.051	5.256	11:02:03 AM	12.142	
3929	20.82	16.82	1.051	5.256	11:02:04 AM	12.142	
3930	20.83	16.83	1.052	5.259	11:02:05 AM	12.149	
3931	20.85	16.85	1.053	5.266	11:02:06 AM	12.164	
3932	20.85	16.85	1.053	5.266	11:02:07 AM	12.164	
3933	20.82	16.82	1.051	5.256	11:02:08 AM	12.142	
3934	20.82	16.82	1.051	5.256	11:02:09 AM	12.142	
3935	20.82	16.82	1.051	5.256	11:02:10 AM	12.142	
3936	20.82	16.82	1.051	5.256	11:02:11 AM	12.142	
3937	20.82	16.82	1.051	5.256	11:02:12 AM	12.142	
3938	20.82	16.82	1.051	5.256	11:02:13 AM	12.142	
3939	20.82	16.82	1.051	5.256	11:02:14 AM	12.142	
3940	20.82	16.82	1.051	5.256	11:02:15 AM	12.142	
3941	20.82	16.82	1.051	5.256	11:02:16 AM	12.142	
3942	20.85	16.85	1.053	5.266	11:02:17 AM	12.164	
3943	20.85	16.85	1.053	5.266	11:02:18 AM	12.164	
3944	20.82	16.82	1.051	5.256	11:02:19 AM	12.142	
3945	20.82	16.82	1.051	5.256	11:02:20 AM	12.142	
3946	20.81	16.81	1.051	5.253	11:02:21 AM	12.135	
3947	20.82	16.82	1.051	5.256	11:02:22 AM	12.142	
3948	20.82	16.82	1.051	5.256	11:02:23 AM	12.142	
3949	20.81	16.81	1.051	5.253	11:02:24 AM	12.135	
3950	20.82	16.82	1.051	5.256	11:02:25 AM	12.142	
3951	20.83	16.83	1.052	5.259	11:02:26 AM	12.149	
3952	20.83	16.83	1.052	5.259	11:02:27 AM	12.149	
3953	20.82	16.82	1.051	5.256	11:02:28 AM	12.142	
3954	20.81	16.81	1.051	5.253	11:02:29 AM	12.135	
3955	20.82	16.82	1.051	5.256	11:02:30 AM	12.142	
3956	20.81	16.81	1.051	5.253	11:02:31 AM	12.135	
3957	20.81	16.81	1.051	5.253	11:02:32 AM	12.135	
3958	20.82	16.82	1.051	5.256	11:02:33 AM	12.142	
3959	20.81	16.81	1.051	5.253	11:02:34 AM	12.135	
3960	20.81	16.81	1.051	5.253	11:02:35 AM	12.135	
3961	20.81	16.81	1.051	5.253	11:02:36 AM	12.135	
3962	20.85	16.85	1.053	5.266	11:02:37 AM	12.164	
3963	20.85	16.85	1.053	5.266	11:02:38 AM	12.164	
3964	20.85	16.85	1.053	5.266	11:02:39 AM	12.164	
3965	20.81	16.81	1.051	5.253	11:02:40 AM	12.135	
3966	20.81	16.81	1.051	5.253	11:02:41 AM	12.135	
3967	20.81	16.81	1.051	5.253	11:02:42 AM	12.135	
3968	20.13	16.13	1.008	5.041	11:02:43 AM	11.644	
3969	19.12	15.12	0.945	4.725	11:02:44 AM	10.915	
3970	18.19	14.19	0.887	4.434	11:02:45 AM	10.243	
3971	18.05	14.05	0.878	4.391	11:02:46 AM	10.142	
3972	18.03	14.03	0.877	4.384	11:02:47 AM	10.128	
3973	19.03	15.03	0.939	4.697	11:02:48 AM	10.850	
3974	19.07	15.07	0.942	4.709	11:02:49 AM	10.879	
3975	19.1	15.1	0.944	4.719	11:02:50 AM	10.900	
3976	19.1	15.1	0.944	4.719	11:02:51 AM	10.900	
3977	19.1	15.1	0.944	4.719	11:02:52 AM	10.900	
3978	19.09	15.09	0.943	4.716	11:02:53 AM	10.893	
3979	19.09	15.09	0.943	4.716	11:02:54 AM	10.893	
3980	19.11	15.11	0.944	4.722	11:02:55 AM	10.908	
3981	19.1	15.1	0.944	4.719	11:02:56 AM	10.900	
3982	19.1	15.1	0.944	4.719	11:02:57 AM	10.900	
3983	19.12	15.12	0.945	4.725	11:02:58 AM	10.915	
3984	19.12	15.12	0.945	4.725	11:02:59 AM	10.915	
3985	19.12	15.12	0.945	4.725	11:03:00 AM	10.915	
3986	19.12	15.12	0.945	4.725	11:03:01 AM	10.915	
3987	19.1	15.1	0.944	4.719	11:03:02 AM	10.900	
3988	19.09	15.09	0.943	4.716	11:03:03 AM	10.893	
3989	19.1	15.1	0.944	4.719	11:03:04 AM	10.900	
3990	19.1	15.1	0.944	4.719	11:03:05 AM	10.900	
3991	19.1	15.1	0.944	4.719	11:03:06 AM	10.900	
3992	19.1	15.1	0.944	4.719	11:03:07 AM	10.900	
3993	19.1	15.1	0.944	4.719	11:03:08 AM	10.900	
3994	19.11	15.11	0.944	4.722	11:03:09 AM	10.908	
3995	19.12	15.12	0.945	4.725	11:03:10 AM	10.915	
3996	19.11	15.11	0.944	4.722	11:03:11 AM	10.908	
3997	19.1	15.1	0.944	4.719	11:03:12 AM	10.900	
3998	19.09	15.09	0.943	4.716	11:03:13 AM	10.893	
3999	19.09	15.09	0.943	4.716	11:03:14 AM	10.893	
4000	19.1	15.1	0.944	4.719	11:03:15 AM	10.900	
4001	19.1	15.1	0.944	4.719	11:03:16 AM	10.900	
4002	19.1	15.1	0.944	4.719	11:03:17 AM	10.900	
4003	19.1	15.1	0.944	4.719	11:03:18 AM	10.900	
4004	19.1	15.1	0.944	4.719	11:03:19 AM	10.900	
4005	19.12	15.12	0.945	4.725	11:03:20 AM	10.915	
4006	19.12	15.12	0.945	4.725	11:03:21 AM	10.915	
4007	19.12	15.12	0.945	4.725	11:03:22 AM	10.915	
4008	19.12	15.12	0.945	4.725	11:03:23 AM	10.915	
4009	19.09	15.09	0.943	4.716	11:03:24 AM	10.893	
4010	19.36	15.36	0.960	4.800	11:03:25 AM	11.088	
4011	19.61	15.61	0.976	4.878	11:03:26 AM	11.268	
4012	19.5	15.5	0.969	4.844	11:03:27 AM	11.189	
4013	19.51	15.51	0.969	4.847	11:03:28 AM	11.196	
4014	19.64	15.64	0.978	4.888	11:03:29 AM	11.290	
4015	20.03	16.03	1.002	5.009	11:03:30 AM	11.572	
4016	19.18	15.18	0.949	4.744	11:03:31 AM	10.958	
4017	19.8	15.8	0.988	4.938	11:03:32 AM	11.406	
4018	20.35	16.35	1.022	5.109	11:03:33 AM	11.803	
4019	19.84	15.84	0.990	4.950	11:03:34 AM	11.435	
4020	19.56	15.56	0.973	4.863	11:03:35 AM	11.232	
4021	19.5	15.5	0.969	4.844	11:03:36 AM	11.189	
4022	19.48	15.48	0.968	4.838	11:03:37 AM	11.175	
4023	19.47	15.47	0.967	4.834	11:03:38 AM	11.167	
4024	19.48	15.48	0.968	4.838	11:03:39 AM	11.175	
4025	19.46	15.46	0.966	4.831	11:03:40 AM	11.160	
4026	19.49	15.49	0.968	4.841	11:03:41 AM	11.182	
4027	19.49	15.49	0.968	4.841	11:03:42 AM	11.182	
4028	19.45	15.45	0.966	4.828	11:03:43 AM	11.153	
4029	19.45	15.45	0.966	4.828	11:03:44 AM	11.153	
4030	19.45	15.45	0.966	4.828	11:03:45 AM	11.153	
4031	19.45	15.45	0.966	4.828	11:03:46 AM	11.153	
4032	19.42	15.42	0.964	4.819	11:03:47 AM	11.131	
4033	19.44	15.44	0.965	4.825	11:03:48 AM	11.146	
4034	19.42	15.42	0.964	4.819	11:03:49 AM	11.131	
4035	19.44	15.44	0.965	4.825	11:03:50 AM	11.146	
4036	19.44	15.44	0.965	4.825	11:03:51 AM	11.146	
4037	19.42	15.42	0.964	4.819	11:03:52 AM	11.131	
4038	19.4	15.4	0.963	4.813	11:03:53 AM	11.117	
4039	19.39	15.39	0.962	4.809	11:03:54 AM	11.110	
4040	19.4	15.4	0.963	4.813	11:03:55 AM	11.117	
4041	19.39	15.39	0.962	4.809	11:03:56 AM	11.110	
4042	19.39	15.39	0.962	4.809	11:03:57 AM	11.110	
4043	19.38	15.38	0.961	4.806	11:03:58 AM	11.102	
4044	19.38	15.38	0.961	4.806	11:03:59 AM	11.102	
4045	19.42	15.42	0.964	4.819	11:04:00 AM	11.131	
4046	19.41	15.41	0.963	4.816	11:04:01 AM	11.124	
4047	19.4	15.4	0.963	4.813	11:04:02 AM	11.117	
4048	19.42	15.42	0.964	4.819	11:04:03 AM	11.131	
4049	19.38	15.38	0.961	4.806	11:04:04 AM	11.102	
4050	19.38	15.38	0.961	4.806	11:04:05 AM	11.102	
4051	19.38	15.38	0.961	4.806	11:04:06 AM	11.102	
4052	19.37	15.37	0.961	4.803	11:04:07 AM	11.095	
4053	19.38	15.38	0.961	4.806	11:04:08 AM	11.102	
4054	19.38	15.38	0.961	4.806	11:04:09 AM	11.102	
4055	19.38	15.38	0.961	4.806	11:04:10 AM	11.102	
4056	19.38	15.38	0.961	4.806	11:04:11 AM	11.102	
4057	19.38	15.38	0.961	4.806	11:04:12 AM	11.102	
4058	19.36	15.36	0.960	4.800	11:04:13 AM	11.088	
4059	19.36	15.36	0.960	4.800	11:04:14 AM	11.088	
4060	19.36	15.36	0.960	4.800	11:04:15 AM	11.088	
4061	19.37	15.37	0.961	4.803	11:04:16 AM	11.095	
4062	19.36	15.36	0.960	4.800	11:04:17 AM	11.088	
4063	19.36	15.36	0.960	4.800	11:04:18 AM	11.088	
4064	19.37	15.37	0.961	4.803	11:04:19 AM	11.095	
4065	19.36	15.36	0.960	4.800	11:04:20 AM	11.088	
4066	19.34	15.34	0.959	4.794	11:04:21 AM	11.074	
4067	19.38	15.38	0.961	4.806	11:04:22 AM	11.102	
4068	19.35	15.35	0.959	4.797	11:04:23 AM	11.081	
4069	19.36	15.36	0.960	4.800	11:04:24 AM	11.088	
4070	19.35	15.35	0.959	4.797	11:04:25 AM	11.081	
4071	19.35	15.35	0.959	4.797	11:04:26 AM	11.081	
4072	19.35	15.35	0.959	4.797	11:04:27 AM	11.081	
4073	19.35	15.35	0.959	4.797	11:04:28 AM	11.081	

4074	19.34	15.34	0.959	4.794	11:04:29 AM	11.074
4075	19.41	15.41	0.963	4.816	11:04:30 AM	11.124
4076	19.38	15.38	0.961	4.806	11:04:31 AM	11.102
4077	19.37	15.37	0.961	4.803	11:04:32 AM	11.095
4078	19.37	15.37	0.961	4.803	11:04:33 AM	11.095
4079	19.34	15.34	0.959	4.794	11:04:34 AM	11.074
4080	19.33	15.33	0.958	4.791	11:04:35 AM	11.066
4081	19.35	15.35	0.959	4.797	11:04:36 AM	11.081
4082	19.34	15.34	0.959	4.794	11:04:37 AM	11.074
4083	19.35	15.35	0.959	4.797	11:04:38 AM	11.081
4084	19.34	15.34	0.959	4.794	11:04:39 AM	11.074
4085	19.34	15.34	0.959	4.794	11:04:40 AM	11.074
4086	19.33	15.33	0.958	4.791	11:04:41 AM	11.066
4087	19.36	15.36	0.960	4.800	11:04:42 AM	11.088
4088	19.35	15.35	0.959	4.797	11:04:43 AM	11.081
4089	19.36	15.36	0.960	4.800	11:04:44 AM	11.088
4090	19.35	15.35	0.959	4.797	11:04:45 AM	11.081
4091	19.33	15.33	0.958	4.791	11:04:46 AM	11.066
4092	19.33	15.33	0.958	4.791	11:04:47 AM	11.066
4093	19.33	15.33	0.958	4.791	11:04:48 AM	11.066
4094	19.33	15.33	0.958	4.791	11:04:49 AM	11.066
4095	19.33	15.33	0.958	4.791	11:04:50 AM	11.066
4096	19.33	15.33	0.958	4.791	11:04:51 AM	11.066
4097	19.33	15.33	0.958	4.791	11:04:52 AM	11.066
4098	19.33	15.33	0.958	4.791	11:04:53 AM	11.066
4099	19.34	15.34	0.959	4.794	11:04:54 AM	11.074
4100	19.33	15.33	0.958	4.791	11:04:55 AM	11.066
4101	19.33	15.33	0.958	4.791	11:04:56 AM	11.066
4102	19.32	15.32	0.958	4.788	11:04:57 AM	11.059
4103	19.32	15.32	0.958	4.788	11:04:58 AM	11.059
4104	19.3	15.3	0.956	4.781	11:04:59 AM	11.045
4105	19.32	15.32	0.958	4.788	11:05:00 AM	11.059
4106	19.33	15.33	0.958	4.791	11:05:01 AM	11.066
4107	19.32	15.32	0.958	4.788	11:05:02 AM	11.059
4108	19.32	15.32	0.958	4.788	11:05:03 AM	11.059
4109	19.32	15.32	0.958	4.788	11:05:04 AM	11.059
4110	19.33	15.33	0.958	4.791	11:05:05 AM	11.066
4111	19.34	15.34	0.959	4.794	11:05:06 AM	11.074
4112	19.3	15.3	0.956	4.781	11:05:07 AM	11.045
4113	19.3	15.3	0.956	4.781	11:05:08 AM	11.045
4114	19.29	15.29	0.956	4.778	11:05:09 AM	11.037
4115	19.32	15.32	0.958	4.788	11:05:10 AM	11.059
4116	19.33	15.33	0.958	4.791	11:05:11 AM	11.066
4117	19.32	15.32	0.958	4.788	11:05:12 AM	11.059
4118	19.32	15.32	0.958	4.788	11:05:13 AM	11.059
4119	19.32	15.32	0.958	4.788	11:05:14 AM	11.059
4120	19.33	15.33	0.958	4.791	11:05:15 AM	11.066
4121	19.33	15.33	0.958	4.791	11:05:16 AM	11.066
4122	19.29	15.29	0.956	4.778	11:05:17 AM	11.037
4123	19.3	15.3	0.956	4.781	11:05:18 AM	11.045
4124	19.29	15.29	0.956	4.778	11:05:19 AM	11.037
4125	19.29	15.29	0.956	4.778	11:05:20 AM	11.037
4126	19.29	15.29	0.956	4.778	11:05:21 AM	11.037
4127	19.29	15.29	0.956	4.778	11:05:22 AM	11.037
4128	19.29	15.29	0.956	4.778	11:05:23 AM	11.037
4129	19.29	15.29	0.956	4.778	11:05:24 AM	11.037
4130	19.28	15.28	0.955	4.775	11:05:25 AM	11.030
4131	19.33	15.33	0.958	4.791	11:05:26 AM	11.066
4132	19.33	15.33	0.958	4.791	11:05:27 AM	11.066
4133	19.33	15.33	0.958	4.791	11:05:28 AM	11.066
4134	19.29	15.29	0.956	4.778	11:05:29 AM	11.037
4135	19.29	15.29	0.956	4.778	11:05:30 AM	11.037
4136	19.29	15.29	0.956	4.778	11:05:31 AM	11.037
4137	19.28	15.28	0.955	4.775	11:05:32 AM	11.030
4138	19.29	15.29	0.956	4.778	11:05:33 AM	11.037
4139	19.29	15.29	0.956	4.778	11:05:34 AM	11.037
4140	19.29	15.29	0.956	4.778	11:05:35 AM	11.037
4141	19.29	15.29	0.956	4.778	11:05:36 AM	11.037
4142	19.29	15.29	0.956	4.778	11:05:37 AM	11.037
4143	19.29	15.29	0.956	4.778	11:05:38 AM	11.037
4144	19.29	15.29	0.956	4.778	11:05:39 AM	11.037
4145	19.29	15.29	0.956	4.778	11:05:40 AM	11.037
4146	19.29	15.29	0.956	4.778	11:05:41 AM	11.037
4147	19.27	15.27	0.954	4.772	11:05:42 AM	11.023
4148	19.28	15.28	0.955	4.775	11:05:43 AM	11.030
4149	19.28	15.28	0.955	4.775	11:05:44 AM	11.030
4150	19.28	15.28	0.955	4.775	11:05:45 AM	11.030
4151	19.29	15.29	0.956	4.778	11:05:46 AM	11.037
4152	19.29	15.29	0.956	4.778	11:05:47 AM	11.037
4153	19.28	15.28	0.955	4.775	11:05:48 AM	11.030
4154	19.28	15.28	0.955	4.775	11:05:49 AM	11.030
4155	19.29	15.29	0.956	4.778	11:05:50 AM	11.037
4156	19.29	15.29	0.956	4.778	11:05:51 AM	11.037
4157	19.3	15.3	0.956	4.781	11:05:52 AM	11.045
4158	19.29	15.29	0.956	4.778	11:05:53 AM	11.037
4159	19.28	15.28	0.955	4.775	11:05:54 AM	11.030
4160	19.27	15.27	0.954	4.772	11:05:55 AM	11.023
4161	19.28	15.28	0.955	4.775	11:05:56 AM	11.030
4162	19.29	15.29	0.956	4.778	11:05:57 AM	11.037
4163	19.28	15.28	0.955	4.775	11:05:58 AM	11.030
4164	19.28	15.28	0.955	4.775	11:05:59 AM	11.030
4165	19.29	15.29	0.956	4.778	11:06:00 AM	11.037
4166	19.28	15.28	0.955	4.775	11:06:01 AM	11.030
4167	19.27	15.27	0.954	4.772	11:06:02 AM	11.023
4168	19.27	15.27	0.954	4.772	11:06:03 AM	11.023
4169	19.28	15.28	0.955	4.775	11:06:04 AM	11.030
4170	19.27	15.27	0.954	4.772	11:06:05 AM	11.023
4171	19.27	15.27	0.954	4.772	11:06:06 AM	11.023
4172	19.28	15.28	0.955	4.775	11:06:07 AM	11.030
4173	19.27	15.27	0.954	4.772	11:06:08 AM	11.023
4174	19.27	15.27	0.954	4.772	11:06:09 AM	11.023
4175	19.29	15.29	0.956	4.778	11:06:10 AM	11.037
4176	19.29	15.29	0.956	4.778	11:06:11 AM	11.037
4177	19.29	15.29	0.956	4.778	11:06:12 AM	11.037
4178	19.27	15.27	0.954	4.772	11:06:13 AM	11.023
4179	19.27	15.27	0.954	4.772	11:06:14 AM	11.023
4180	19.27	15.27	0.954	4.772	11:06:15 AM	11.023
4181	19.27	15.27	0.954	4.772	11:06:16 AM	11.023
4182	19.27	15.27	0.954	4.772	11:06:17 AM	11.023
4183	19.27	15.27	0.954	4.772	11:06:18 AM	11.023
4184	19.27	15.27	0.954	4.772	11:06:19 AM	11.023
4185	19.28	15.28	0.955	4.775	11:06:20 AM	11.030
4186	19.27	15.27	0.954	4.772	11:06:21 AM	11.023
4187	19.25	15.25	0.953	4.766	11:06:22 AM	11.009
4188	19.25	15.25	0.953	4.766	11:06:23 AM	11.009
4189	19.26	15.26	0.954	4.769	11:06:24 AM	11.016
4190	19.25	15.25	0.953	4.766	11:06:25 AM	11.009
4191	19.26	15.26	0.954	4.769	11:06:26 AM	11.016
4192	19.25	15.25	0.953	4.766	11:06:27 AM	11.009
4193	19.26	15.26	0.954	4.769	11:06:28 AM	11.016
4194	19.25	15.25	0.953	4.766	11:06:29 AM	11.009
4195	19.27	15.27	0.954	4.772	11:06:30 AM	11.023
4196	19.27	15.27	0.954	4.772	11:06:31 AM	11.023
4197	19.27	15.27	0.954	4.772	11:06:32 AM	11.023
4198	19.26	15.26	0.954	4.769	11:06:33 AM	11.016
4199	19.26	15.26	0.954	4.769	11:06:34 AM	11.016
4200	19.25	15.25	0.953	4.766	11:06:35 AM	11.009
4201	19.26	15.26	0.954	4.769	11:06:36 AM	11.016
4202	19.26	15.26	0.954	4.769	11:06:37 AM	11.016
4203	19.27	15.27	0.954	4.772	11:06:38 AM	11.023
4204	19.28	15.28	0.955	4.775	11:06:39 AM	11.030
4205	19.27	15.27	0.954	4.772	11:06:40 AM	11.023
4206	19.25	15.25	0.953	4.766	11:06:41 AM	11.009
4207	19.25	15.25	0.953	4.766	11:06:42 AM	11.009
4208	19.25	15.25	0.953	4.766	11:06:43 AM	11.009
4209	19.25	15.25	0.953	4.766	11:06:44 AM	11.009
4210	19.25	15.25	0.953	4.766	11:06:45 AM	11.009
4211	19.25	15.25	0.953	4.766	11:06:46 AM	11.009
4212	19.25	15.25	0.953	4.766	11:06:47 AM	11.009
4213	19.25	15.25	0.953	4.766	11:06:48 AM	11.009
4214	19.27	15.27	0.954	4.772	11:06:49 AM	11.023
4215	19.27	15.27	0.954	4.772	11:06:50 AM	11.023
4216	19.27	15.27	0.954	4.772	11:06:51 AM	11.023
4217	19.26	15.26	0.954	4.769	11:06:52 AM	11.016
4218	19.25	15.25	0.953	4.766	11:06:53 AM	11.009
4219	19.25	15.25	0.953	4.766	11:06:54 AM	11.009
4220	19.25	15.25	0.953	4.766	11:06:55 AM	11.009
4221	19.25	15.25	0.953	4.766	11:06:56 AM	11.009
4222	19.25	15.25	0.953	4.766	11:06:57 AM	11.009
4223	19.25	15.25	0.953	4.766	11:06:58 AM	11.009
4224	19.25	15.25	0.953	4.766	11:06:59 AM	11.009
4225	19.25	15.25	0.953	4.766	11:07:00 AM	11.009
4226	19.25	15.25	0.953	4.766	11:07:01 AM	11.009
4227	19.25	15.25	0.953	4.766	11:07:02 AM	11.009
4228	19.24	15.24	0.953	4.763	11:07:03 AM	11.001
4229	19.24	15.24	0.953	4.763	11:07:04 AM	11.001
4230	19.24	15.24	0.953	4.763	11:07:05 AM	11.001
4231	19.25	15.25	0.953	4.766	11:07:06 AM	11.009
4232	19.24	15.24	0.953	4.763	11:07:07 AM	11.001
4233	19.23	15.23	0.952	4.759	11:07:08 AM	10.994
4234	19.26	15.26	0.954	4.769	11:07:09 AM	11.016
4235	19.26	15.26	0.954	4.769	11:07:10 AM	11.016

4236	19.26	15.26	0.954	4.769	11:07:11 AM	11.016
4237	19.25	15.25	0.953	4.766	11:07:12 AM	11.009
4238	19.25	15.25	0.953	4.766	11:07:13 AM	11.009
4239	19.24	15.24	0.953	4.763	11:07:14 AM	11.001
4240	19.24	15.24	0.953	4.763	11:07:15 AM	11.001
4241	19.24	15.24	0.953	4.763	11:07:16 AM	11.001
4242	19.24	15.24	0.953	4.763	11:07:17 AM	11.001
4243	19.24	15.24	0.953	4.763	11:07:18 AM	11.001
4244	19.25	15.25	0.953	4.766	11:07:19 AM	11.009
4245	19.25	15.25	0.953	4.766	11:07:20 AM	11.009
4246	19.23	15.23	0.952	4.759	11:07:21 AM	10.994
4247	19.22	15.22	0.951	4.756	11:07:22 AM	10.987
4248	19.23	15.23	0.952	4.759	11:07:23 AM	10.994
4249	19.23	15.23	0.952	4.759	11:07:24 AM	10.994
4250	19.24	15.24	0.953	4.763	11:07:25 AM	11.001
4251	19.24	15.24	0.953	4.763	11:07:26 AM	11.001
4252	19.24	15.24	0.953	4.763	11:07:27 AM	11.001
4253	19.25	15.25	0.953	4.766	11:07:28 AM	11.009
4254	19.25	15.25	0.953	4.766	11:07:29 AM	11.009
4255	19.26	15.26	0.954	4.769	11:07:30 AM	11.016
4256	19.23	15.23	0.952	4.759	11:07:31 AM	10.994
4257	19.23	15.23	0.952	4.759	11:07:32 AM	10.994
4258	19.23	15.23	0.952	4.759	11:07:33 AM	10.994
4259	19.21	15.21	0.951	4.753	11:07:34 AM	10.980
4260	19.23	15.23	0.952	4.759	11:07:35 AM	10.994
4261	19.21	15.21	0.951	4.753	11:07:36 AM	10.980
4262	19.25	15.25	0.953	4.766	11:07:37 AM	11.009
4263	19.24	15.24	0.953	4.763	11:07:38 AM	11.001
4264	19.24	15.24	0.953	4.763	11:07:39 AM	11.001
4265	19.23	15.23	0.952	4.759	11:07:40 AM	10.994
4266	19.22	15.22	0.951	4.756	11:07:41 AM	10.987
4267	19.23	15.23	0.952	4.759	11:07:42 AM	10.994
4268	19.23	15.23	0.952	4.759	11:07:43 AM	10.994
4269	19.24	15.24	0.953	4.763	11:07:44 AM	11.001
4270	19.22	15.22	0.951	4.756	11:07:45 AM	10.987
4271	19.21	15.21	0.951	4.753	11:07:46 AM	10.980
4272	19.25	15.25	0.953	4.766	11:07:47 AM	11.009
4273	19.25	15.25	0.953	4.766	11:07:48 AM	11.009
4274	19.23	15.23	0.952	4.759	11:07:49 AM	10.994
4275	19.23	15.23	0.952	4.759	11:07:50 AM	10.994
4276	19.24	15.24	0.953	4.763	11:07:51 AM	11.001
4277	19.23	15.23	0.952	4.759	11:07:52 AM	10.994
4278	19.21	15.21	0.951	4.753	11:07:53 AM	10.980
4279	19.21	15.21	0.951	4.753	11:07:54 AM	10.980
4280	19.21	15.21	0.951	4.753	11:07:55 AM	10.980
4281	19.21	15.21	0.951	4.753	11:07:56 AM	10.980
4282	19.23	15.23	0.952	4.759	11:07:57 AM	10.994
4283	19.23	15.23	0.952	4.759	11:07:58 AM	10.994
4284	19.21	15.21	0.951	4.753	11:07:59 AM	10.980
4285	19.21	15.21	0.951	4.753	11:08:00 AM	10.980
4286	19.21	15.21	0.951	4.753	11:08:01 AM	10.980
4287	19.21	15.21	0.951	4.753	11:08:02 AM	10.980
4288	19.21	15.21	0.951	4.753	11:08:03 AM	10.980
4289	19.22	15.22	0.951	4.756	11:08:04 AM	10.987
4290	19.21	15.21	0.951	4.753	11:08:05 AM	10.980
4291	19.25	15.25	0.953	4.766	11:08:06 AM	11.009
4292	19.23	15.23	0.952	4.759	11:08:07 AM	10.994
4293	19.24	15.24	0.953	4.763	11:08:08 AM	11.001
4294	19.24	15.24	0.953	4.763	11:08:09 AM	11.001
4295	19.22	15.22	0.951	4.756	11:08:10 AM	10.987
4296	19.21	15.21	0.951	4.753	11:08:11 AM	10.980
4297	19.21	15.21	0.951	4.753	11:08:12 AM	10.980
4298	19.21	15.21	0.951	4.753	11:08:13 AM	10.980
4299	19.21	15.21	0.951	4.753	11:08:14 AM	10.980
4300	19.21	15.21	0.951	4.753	11:08:15 AM	10.980
4301	19.21	15.21	0.951	4.753	11:08:16 AM	10.980
4302	19.21	15.21	0.951	4.753	11:08:17 AM	10.980
4303	19.21	15.21	0.951	4.753	11:08:18 AM	10.980
4304	19.21	15.21	0.951	4.753	11:08:19 AM	10.980
4305	19.2	15.2	0.950	4.750	11:08:20 AM	10.973
4306	19.21	15.21	0.951	4.753	11:08:21 AM	10.980
4307	19.21	15.21	0.951	4.753	11:08:22 AM	10.980
4308	19.21	15.21	0.951	4.753	11:08:23 AM	10.980
4309	19.21	15.21	0.951	4.753	11:08:24 AM	10.980
4310	19.21	15.21	0.951	4.753	11:08:25 AM	10.980
4311	19.23	15.23	0.952	4.759	11:08:26 AM	10.994
4312	19.23	15.23	0.952	4.759	11:08:27 AM	10.994
4313	19.24	15.24	0.953	4.763	11:08:28 AM	11.001
4314	19.23	15.23	0.952	4.759	11:08:29 AM	10.994
4315	19.21	15.21	0.951	4.753	11:08:30 AM	10.980
4316	19.21	15.21	0.951	4.753	11:08:31 AM	10.980
4317	19.21	15.21	0.951	4.753	11:08:32 AM	10.980
4318	19.21	15.21	0.951	4.753	11:08:33 AM	10.980
4319	19.21	15.21	0.951	4.753	11:08:34 AM	10.980
4320	19.21	15.21	0.951	4.753	11:08:35 AM	10.980
4321	19.21	15.21	0.951	4.753	11:08:36 AM	10.980
4322	19.23	15.23	0.952	4.759	11:08:37 AM	10.994
4323	19.21	15.21	0.951	4.753	11:08:38 AM	10.980
4324	19.21	15.21	0.951	4.753	11:08:39 AM	10.980
4325	19.21	15.21	0.951	4.753	11:08:40 AM	10.980
4326	19.2	15.2	0.950	4.750	11:08:41 AM	10.973
4327	19.21	15.21	0.951	4.753	11:08:42 AM	10.980
4328	19.2	15.2	0.950	4.750	11:08:43 AM	10.973
4329	19.21	15.21	0.951	4.753	11:08:44 AM	10.980
4330	19.2	15.2	0.950	4.750	11:08:45 AM	10.973
4331	19.21	15.21	0.951	4.753	11:08:46 AM	10.980
4332	19.21	15.21	0.951	4.753	11:08:47 AM	10.980
4333	19.45	15.45	0.966	4.828	11:08:48 AM	11.153
4334	19.32	15.32	0.958	4.788	11:08:49 AM	11.059 MW-2 Pull Test 1
4335	17.15	13.15	0.822	4.109	11:08:50 AM	9.493 max disp 1.566469
4336	17.49	13.49	0.843	4.216	11:08:51 AM	9.738
4337	17.46	13.46	0.841	4.206	11:08:52 AM	9.716
4338	17.85	13.85	0.866	4.328	11:08:53 AM	9.998
4339	18.1	14.1	0.881	4.406	11:08:54 AM	10.178
4340	18.3	14.3	0.894	4.469	11:08:55 AM	10.323
4341	18.45	14.45	0.903	4.516	11:08:56 AM	10.431
4342	18.55	14.55	0.909	4.547	11:08:57 AM	10.503
4343	18.62	14.62	0.914	4.569	11:08:58 AM	10.554
4344	18.64	14.64	0.915	4.575	11:08:59 AM	10.568
4345	18.67	14.67	0.917	4.584	11:09:00 AM	10.590
4346	18.68	14.68	0.918	4.588	11:09:01 AM	10.597
4347	18.7	14.7	0.919	4.594	11:09:02 AM	10.612
4348	18.71	14.71	0.919	4.597	11:09:03 AM	10.619
4349	18.74	14.74	0.921	4.606	11:09:04 AM	10.640
4350	18.75	14.75	0.922	4.609	11:09:05 AM	10.648
4351	18.75	14.75	0.922	4.609	11:09:06 AM	10.648
4352	18.78	14.78	0.924	4.619	11:09:07 AM	10.669
4353	18.8	14.8	0.925	4.625	11:09:08 AM	10.684
4354	18.77	14.77	0.923	4.616	11:09:09 AM	10.662
4355	18.78	14.78	0.924	4.619	11:09:10 AM	10.669
4356	18.79	14.79	0.924	4.622	11:09:11 AM	10.677
4357	18.8	14.8	0.925	4.625	11:09:12 AM	10.684
4358	18.8	14.8	0.925	4.625	11:09:13 AM	10.684
4359	18.8	14.8	0.925	4.625	11:09:14 AM	10.684
4360	18.8	14.8	0.925	4.625	11:09:15 AM	10.684
4361	18.81	14.81	0.926	4.628	11:09:16 AM	10.691
4362	18.83	14.83	0.927	4.634	11:09:17 AM	10.705
4363	18.81	14.81	0.926	4.628	11:09:18 AM	10.691
4364	18.81	14.81	0.926	4.628	11:09:19 AM	10.691
4365	18.82	14.82	0.926	4.631	11:09:20 AM	10.698
4366	18.81	14.81	0.926	4.628	11:09:21 AM	10.691
4367	18.81	14.81	0.926	4.628	11:09:22 AM	10.691
4368	18.83	14.83	0.927	4.634	11:09:23 AM	10.705
4369	18.83	14.83	0.927	4.634	11:09:24 AM	10.705
4370	18.81	14.81	0.926	4.628	11:09:25 AM	10.691
4371	18.86	14.86	0.929	4.644	11:09:26 AM	10.727
4372	18.86	14.86	0.929	4.644	11:09:27 AM	10.727
4373	18.86	14.86	0.929	4.644	11:09:28 AM	10.727
4374	18.85	14.85	0.928	4.641	11:09:29 AM	10.720
4375	18.85	14.85	0.928	4.641	11:09:30 AM	10.720
4376	18.85	14.85	0.928	4.641	11:09:31 AM	10.720
4377	18.85	14.85	0.928	4.641	11:09:32 AM	10.720
4378	18.85	14.85	0.928	4.641	11:09:33 AM	10.720
4379	18.86	14.86	0.929	4.644	11:09:34 AM	10.727
4380	18.86	14.86	0.929	4.644	11:09:35 AM	10.727
4381	18.86	14.86	0.929	4.644	11:09:36 AM	10.727
4382	18.86	14.86	0.929	4.644	11:09:37 AM	10.727
4383	18.86	14.86	0.929	4.644	11:09:38 AM	10.727
4384	18.86	14.86	0.929	4.644	11:09:39 AM	10.727
4385	18.85	14.85	0.928	4.641	11:09:40 AM	10.720
4386	18.85	14.85	0.928	4.641	11:09:41 AM	10.720
4387	18.86	14.86	0.929	4.644	11:09:42 AM	10.727
4388	18.86	14.86	0.929	4.644	11:09:43 AM	10.727
4389	18.86	14.86	0.929	4.644	11:09:44 AM	10.727
4390	18.86	14.86	0.929	4.644	11:09:45 AM	10.727
4391	18.89	14.89	0.931	4.653	11:09:46 AM	10.749
4392	18.9	14.9	0.931	4.656	11:09:47 AM	10.756
4393	18.89	14.89	0.931	4.653	11:09:48 AM	10.749
4394	18.86	14.86	0.929	4.644	11:09:49 AM	10.727
4395	18.86	14.86	0.929	4.644	11:09:50 AM	10.727
4396	18.88	14.88	0.930	4.650	11:09:51 AM	10.742

4397	18.86	14.86	0.929	4.644	11:09:52 AM	10.727
4398	18.86	14.86	0.929	4.644	11:09:53 AM	10.727
4399	18.88	14.88	0.930	4.650	11:09:54 AM	10.742
4400	18.89	14.89	0.931	4.653	11:09:55 AM	10.749
4401	18.89	14.89	0.931	4.653	11:09:56 AM	10.749
4402	18.89	14.89	0.931	4.653	11:09:57 AM	10.749
4403	18.88	14.88	0.930	4.650	11:09:58 AM	10.742
4404	18.88	14.88	0.930	4.650	11:09:59 AM	10.742
4405	18.87	14.87	0.929	4.647	11:10:00 AM	10.734
4406	18.89	14.89	0.931	4.653	11:10:01 AM	10.749
4407	18.9	14.9	0.931	4.656	11:10:02 AM	10.756
4408	18.89	14.89	0.931	4.653	11:10:03 AM	10.749
4409	18.89	14.89	0.931	4.653	11:10:04 AM	10.749
4410	18.91	14.91	0.932	4.659	11:10:05 AM	10.763
4411	18.9	14.9	0.931	4.656	11:10:06 AM	10.756
4412	18.91	14.91	0.932	4.659	11:10:07 AM	10.763
4413	18.89	14.89	0.931	4.653	11:10:08 AM	10.749
4414	18.9	14.9	0.931	4.656	11:10:09 AM	10.756
4415	18.89	14.89	0.931	4.653	11:10:10 AM	10.749
4416	18.89	14.89	0.931	4.653	11:10:11 AM	10.749
4417	18.9	14.9	0.931	4.656	11:10:12 AM	10.756
4418	18.9	14.9	0.931	4.656	11:10:13 AM	10.756
4419	18.92	14.92	0.933	4.663	11:10:14 AM	10.770
4420	18.92	14.92	0.933	4.663	11:10:15 AM	10.770
4421	18.92	14.92	0.933	4.663	11:10:16 AM	10.770
4422	18.9	14.9	0.931	4.656	11:10:17 AM	10.756
4423	18.9	14.9	0.931	4.656	11:10:18 AM	10.756
4424	18.9	14.9	0.931	4.656	11:10:19 AM	10.756
4425	18.91	14.91	0.932	4.659	11:10:20 AM	10.763
4426	18.9	14.9	0.931	4.656	11:10:21 AM	10.756
4427	18.9	14.9	0.931	4.656	11:10:22 AM	10.756
4428	18.9	14.9	0.931	4.656	11:10:23 AM	10.756
4429	18.9	14.9	0.931	4.656	11:10:24 AM	10.756
4430	18.92	14.92	0.933	4.663	11:10:25 AM	10.770
4431	18.94	14.94	0.934	4.669	11:10:26 AM	10.785
4432	18.9	14.9	0.931	4.656	11:10:27 AM	10.756
4433	18.91	14.91	0.932	4.659	11:10:28 AM	10.763
4434	18.91	14.91	0.932	4.659	11:10:29 AM	10.763
4435	18.9	14.9	0.931	4.656	11:10:30 AM	10.756
4436	18.91	14.91	0.932	4.659	11:10:31 AM	10.763
4437	18.92	14.92	0.933	4.663	11:10:32 AM	10.770
4438	18.93	14.93	0.933	4.666	11:10:33 AM	10.778
4439	18.92	14.92	0.933	4.663	11:10:34 AM	10.770
4440	18.93	14.93	0.933	4.666	11:10:35 AM	10.778
4441	18.91	14.91	0.932	4.659	11:10:36 AM	10.763
4442	18.91	14.91	0.932	4.659	11:10:37 AM	10.763
4443	18.91	14.91	0.932	4.659	11:10:38 AM	10.763
4444	18.92	14.92	0.933	4.663	11:10:39 AM	10.770
4445	18.92	14.92	0.933	4.663	11:10:40 AM	10.770
4446	18.93	14.93	0.933	4.666	11:10:41 AM	10.778
4447	18.92	14.92	0.933	4.663	11:10:42 AM	10.770
4448	18.94	14.94	0.934	4.669	11:10:43 AM	10.785
4449	18.94	14.94	0.934	4.669	11:10:44 AM	10.785
4450	18.94	14.94	0.934	4.669	11:10:45 AM	10.785
4451	18.92	14.92	0.933	4.663	11:10:46 AM	10.770
4452	18.92	14.92	0.933	4.663	11:10:47 AM	10.770
4453	18.92	14.92	0.933	4.663	11:10:48 AM	10.770
4454	18.93	14.93	0.933	4.666	11:10:49 AM	10.778
4455	18.93	14.93	0.933	4.666	11:10:50 AM	10.778
4456	18.93	14.93	0.933	4.666	11:10:51 AM	10.778
4457	18.93	14.93	0.933	4.666	11:10:52 AM	10.778
4458	18.93	14.93	0.933	4.666	11:10:53 AM	10.778
4459	18.94	14.94	0.934	4.669	11:10:54 AM	10.785
4460	18.92	14.92	0.933	4.663	11:10:55 AM	10.770
4461	18.93	14.93	0.933	4.666	11:10:56 AM	10.778
4462	18.92	14.92	0.933	4.663	11:10:57 AM	10.770
4463	18.93	14.93	0.933	4.666	11:10:58 AM	10.778
4464	18.92	14.92	0.933	4.663	11:10:59 AM	10.770
4465	18.93	14.93	0.933	4.666	11:11:00 AM	10.778
4466	18.93	14.93	0.933	4.666	11:11:01 AM	10.778
4467	18.93	14.93	0.933	4.666	11:11:02 AM	10.778
4468	18.94	14.94	0.934	4.669	11:11:03 AM	10.785
4469	18.95	14.95	0.934	4.672	11:11:04 AM	10.792
4470	18.97	14.97	0.936	4.678	11:11:05 AM	10.806
4471	18.94	14.94	0.934	4.669	11:11:06 AM	10.785
4472	18.94	14.94	0.934	4.669	11:11:07 AM	10.785
4473	18.94	14.94	0.934	4.669	11:11:08 AM	10.785
4474	18.93	14.93	0.933	4.666	11:11:09 AM	10.778
4475	18.94	14.94	0.934	4.669	11:11:10 AM	10.785
4476	18.94	14.94	0.934	4.669	11:11:11 AM	10.785
4477	18.94	14.94	0.934	4.669	11:11:12 AM	10.785
4478	18.94	14.94	0.934	4.669	11:11:13 AM	10.785
4479	18.94	14.94	0.934	4.669	11:11:14 AM	10.785
4480	18.94	14.94	0.934	4.669	11:11:15 AM	10.785
4481	18.93	14.93	0.933	4.666	11:11:16 AM	10.778
4482	18.94	14.94	0.934	4.669	11:11:17 AM	10.785
4483	18.93	14.93	0.933	4.666	11:11:18 AM	10.778
4484	18.94	14.94	0.934	4.669	11:11:19 AM	10.785
4485	18.94	14.94	0.934	4.669	11:11:20 AM	10.785
4486	18.94	14.94	0.934	4.669	11:11:21 AM	10.785
4487	18.97	14.97	0.936	4.678	11:11:22 AM	10.806
4488	18.98	14.98	0.936	4.681	11:11:23 AM	10.814
4489	18.97	14.97	0.936	4.678	11:11:24 AM	10.806
4490	18.95	14.95	0.934	4.672	11:11:25 AM	10.792
4491	18.94	14.94	0.934	4.669	11:11:26 AM	10.785
4492	18.95	14.95	0.934	4.672	11:11:27 AM	10.792
4493	18.94	14.94	0.934	4.669	11:11:28 AM	10.785
4494	18.94	14.94	0.934	4.669	11:11:29 AM	10.785
4495	18.94	14.94	0.934	4.669	11:11:30 AM	10.785
4496	18.97	14.97	0.936	4.678	11:11:31 AM	10.806
4497	18.97	14.97	0.936	4.678	11:11:32 AM	10.806
4498	18.97	14.97	0.936	4.678	11:11:33 AM	10.806
4499	18.94	14.94	0.934	4.669	11:11:34 AM	10.785
4500	18.95	14.95	0.934	4.672	11:11:35 AM	10.792
4501	18.95	14.95	0.934	4.672	11:11:36 AM	10.792
4502	18.94	14.94	0.934	4.669	11:11:37 AM	10.785
4503	18.94	14.94	0.934	4.669	11:11:38 AM	10.785
4504	18.94	14.94	0.934	4.669	11:11:39 AM	10.785
4505	18.94	14.94	0.934	4.669	11:11:40 AM	10.785
4506	18.99	14.99	0.937	4.684	11:11:41 AM	10.821
4507	18.99	14.99	0.937	4.684	11:11:42 AM	10.821
4508	18.94	14.94	0.934	4.669	11:11:43 AM	10.785
4509	18.95	14.95	0.934	4.672	11:11:44 AM	10.792
4510	18.97	14.97	0.936	4.678	11:11:45 AM	10.806
4511	18.95	14.95	0.934	4.672	11:11:46 AM	10.792
4512	18.97	14.97	0.936	4.678	11:11:47 AM	10.806
4513	18.97	14.97	0.936	4.678	11:11:48 AM	10.806
4514	18.98	14.98	0.936	4.681	11:11:49 AM	10.814
4515	18.97	14.97	0.936	4.678	11:11:50 AM	10.806
4516	18.98	14.98	0.936	4.681	11:11:51 AM	10.814
4517	18.97	14.97	0.936	4.678	11:11:52 AM	10.806
4518	18.95	14.95	0.934	4.672	11:11:53 AM	10.792
4519	18.95	14.95	0.934	4.672	11:11:54 AM	10.792
4520	18.94	14.94	0.934	4.669	11:11:55 AM	10.785
4521	18.95	14.95	0.934	4.672	11:11:56 AM	10.792
4522	18.97	14.97	0.936	4.678	11:11:57 AM	10.806
4523	18.95	14.95	0.934	4.672	11:11:58 AM	10.792
4524	18.99	14.99	0.937	4.684	11:11:59 AM	10.821
4525	18.99	14.99	0.937	4.684	11:12:00 AM	10.821
4526	18.99	14.99	0.937	4.684	11:12:01 AM	10.821
4527	18.97	14.97	0.936	4.678	11:12:02 AM	10.806
4528	18.97	14.97	0.936	4.678	11:12:03 AM	10.806
4529	18.97	14.97	0.936	4.678	11:12:04 AM	10.806
4530	18.98	14.98	0.936	4.681	11:12:05 AM	10.814
4531	18.98	14.98	0.936	4.681	11:12:06 AM	10.814
4532	18.99	14.99	0.937	4.684	11:12:07 AM	10.821
4533	18.99	14.99	0.937	4.684	11:12:08 AM	10.821
4534	18.99	14.99	0.937	4.684	11:12:09 AM	10.821
4535	18.97	14.97	0.936	4.678	11:12:10 AM	10.806
4536	18.97	14.97	0.936	4.678	11:12:11 AM	10.806
4537	18.97	14.97	0.936	4.678	11:12:12 AM	10.806
4538	18.98	14.98	0.936	4.681	11:12:13 AM	10.814
4539	18.98	14.98	0.936	4.681	11:12:14 AM	10.814
4540	18.98	14.98	0.936	4.681	11:12:15 AM	10.814
4541	18.98	14.98	0.936	4.681	11:12:16 AM	10.814
4542	18.99	14.99	0.937	4.684	11:12:17 AM	10.821
4543	19	15	0.938	4.688	11:12:18 AM	10.828
4544	19.01	15.01	0.938	4.691	11:12:19 AM	10.835
4545	18.98	14.98	0.936	4.681	11:12:20 AM	10.814
4546	18.99	14.99	0.937	4.684	11:12:21 AM	10.821
4547	18.98	14.98	0.936	4.681	11:12:22 AM	10.814
4548	18.98	14.98	0.936	4.681	11:12:23 AM	10.814
4549	18.98	14.98	0.936	4.681	11:12:24 AM	10.814
4550	18.98	14.98	0.936	4.681	11:12:25 AM	10.814
4551	19	15	0.938	4.688	11:12:26 AM	10.828
4552	18.99	14.99	0.937	4.684	11:12:27 AM	10.821
4553	18.99	14.99	0.937	4.684	11:12:28 AM	10.821
4554	18.97	14.97	0.936	4.678	11:12:29 AM	10.806
4555	18.98	14.98	0.936	4.681	11:12:30 AM	10.814
4556	18.98	14.98	0.936	4.681	11:12:31 AM	10.814
4557	18.98	14.98	0.936	4.681	11:12:32 AM	10.814
4558	18.98	14.98	0.936	4.681	11:12:33 AM	10.814

4559	18.98	14.98	0.936	4.681	11:12:34 AM	10.814
4560	19	15	0.938	4.688	11:12:35 AM	10.828
4561	19	15	0.938	4.688	11:12:36 AM	10.828
4562	19	15	0.938	4.688	11:12:37 AM	10.828
4563	18.98	14.98	0.936	4.681	11:12:38 AM	10.814
4564	18.99	14.99	0.937	4.684	11:12:39 AM	10.821
4565	18.99	14.99	0.937	4.684	11:12:40 AM	10.821
4566	18.99	14.99	0.937	4.684	11:12:41 AM	10.821
4567	18.99	14.99	0.937	4.684	11:12:42 AM	10.821
4568	18.99	14.99	0.937	4.684	11:12:43 AM	10.821
4569	18.99	14.99	0.937	4.684	11:12:44 AM	10.821
4570	19	15	0.938	4.688	11:12:45 AM	10.828
4571	18.99	14.99	0.937	4.684	11:12:46 AM	10.821
4572	18.99	14.99	0.937	4.684	11:12:47 AM	10.821
4573	18.99	14.99	0.937	4.684	11:12:48 AM	10.821
4574	18.98	14.98	0.936	4.681	11:12:49 AM	10.814
4575	18.99	14.99	0.937	4.684	11:12:50 AM	10.821
4576	18.99	14.99	0.937	4.684	11:12:51 AM	10.821
4577	18.99	14.99	0.937	4.684	11:12:52 AM	10.821
4578	19.01	15.01	0.938	4.691	11:12:53 AM	10.835
4579	19.01	15.01	0.938	4.691	11:12:54 AM	10.835
4580	19.01	15.01	0.938	4.691	11:12:55 AM	10.835
4581	19.01	15.01	0.938	4.691	11:12:56 AM	10.835
4582	18.99	14.99	0.937	4.684	11:12:57 AM	10.821
4583	18.99	14.99	0.937	4.684	11:12:58 AM	10.821
4584	18.99	14.99	0.937	4.684	11:12:59 AM	10.821
4585	18.99	14.99	0.937	4.684	11:13:00 AM	10.821
4586	18.99	14.99	0.937	4.684	11:13:01 AM	10.821
4587	19	15	0.938	4.688	11:13:02 AM	10.828
4588	19.01	15.01	0.938	4.691	11:13:03 AM	10.835
4589	19.01	15.01	0.938	4.691	11:13:04 AM	10.835
4590	18.99	14.99	0.937	4.684	11:13:05 AM	10.821
4591	18.99	14.99	0.937	4.684	11:13:06 AM	10.821
4592	18.98	14.98	0.936	4.681	11:13:07 AM	10.814
4593	18.99	14.99	0.937	4.684	11:13:08 AM	10.821
4594	19.68	15.68	0.980	4.900	11:13:09 AM	11.319
4595	19.88	15.88	0.993	4.963	11:13:10 AM	11.463
4596	20.07	16.07	1.004	5.022	11:13:11 AM	11.601
4597	20.09	16.09	1.006	5.028	11:13:12 AM	11.615
4598	20.39	16.39	1.024	5.122	11:13:13 AM	11.832
4599	20.1	16.1	1.006	5.031	11:13:14 AM	11.622
4600	19.62	15.62	0.976	4.881	11:13:15 AM	11.276
4601	19.47	15.47	0.967	4.834	11:13:16 AM	11.167
4602	19.45	15.45	0.966	4.828	11:13:17 AM	11.153
4603	19.44	15.44	0.965	4.825	11:13:18 AM	11.146
4604	19.42	15.42	0.964	4.819	11:13:19 AM	11.131
4605	19.42	15.42	0.964	4.819	11:13:20 AM	11.131
4606	19.42	15.42	0.964	4.819	11:13:21 AM	11.131
4607	19.42	15.42	0.964	4.819	11:13:22 AM	11.131
4608	19.42	15.42	0.964	4.819	11:13:23 AM	11.131
4609	19.41	15.41	0.963	4.816	11:13:24 AM	11.124
4610	19.39	15.39	0.962	4.809	11:13:25 AM	11.110
4611	19.39	15.39	0.962	4.809	11:13:26 AM	11.110
4612	19.4	15.4	0.963	4.813	11:13:27 AM	11.117
4613	19.38	15.38	0.961	4.806	11:13:28 AM	11.102
4614	19.38	15.38	0.961	4.806	11:13:29 AM	11.102
4615	19.38	15.38	0.961	4.806	11:13:30 AM	11.102
4616	19.4	15.4	0.963	4.813	11:13:31 AM	11.117
4617	19.4	15.4	0.963	4.813	11:13:32 AM	11.117
4618	19.38	15.38	0.961	4.806	11:13:33 AM	11.102
4619	19.38	15.38	0.961	4.806	11:13:34 AM	11.102
4620	19.37	15.37	0.961	4.803	11:13:35 AM	11.095
4621	19.37	15.37	0.961	4.803	11:13:36 AM	11.095
4622	19.38	15.38	0.961	4.806	11:13:37 AM	11.102
4623	19.37	15.37	0.961	4.803	11:13:38 AM	11.095
4624	19.36	15.36	0.960	4.800	11:13:39 AM	11.088
4625	19.38	15.38	0.961	4.806	11:13:40 AM	11.102
4626	19.38	15.38	0.961	4.806	11:13:41 AM	11.102
4627	19.36	15.36	0.960	4.800	11:13:42 AM	11.088
4628	19.35	15.35	0.959	4.797	11:13:43 AM	11.081
4629	19.36	15.36	0.960	4.800	11:13:44 AM	11.088
4630	19.36	15.36	0.960	4.800	11:13:45 AM	11.088
4631	19.36	15.36	0.960	4.800	11:13:46 AM	11.088
4632	19.36	15.36	0.960	4.800	11:13:47 AM	11.088
4633	19.35	15.35	0.959	4.797	11:13:48 AM	11.081
4634	19.34	15.34	0.959	4.794	11:13:49 AM	11.074
4635	19.37	15.37	0.961	4.803	11:13:50 AM	11.095
4636	19.37	15.37	0.961	4.803	11:13:51 AM	11.095
4637	19.34	15.34	0.959	4.794	11:13:52 AM	11.074
4638	19.34	15.34	0.959	4.794	11:13:53 AM	11.074
4639	19.34	15.34	0.959	4.794	11:13:54 AM	11.074
4640	19.34	15.34	0.959	4.794	11:13:55 AM	11.074
4641	19.34	15.34	0.959	4.794	11:13:56 AM	11.074
4642	19.34	15.34	0.959	4.794	11:13:57 AM	11.074
4643	19.34	15.34	0.959	4.794	11:13:58 AM	11.074
4644	19.36	15.36	0.960	4.800	11:13:59 AM	11.088
4645	19.34	15.34	0.959	4.794	11:14:00 AM	11.074
4646	19.33	15.33	0.958	4.791	11:14:01 AM	11.066
4647	19.32	15.32	0.958	4.788	11:14:02 AM	11.059
4648	19.33	15.33	0.958	4.791	11:14:03 AM	11.066
4649	19.33	15.33	0.958	4.791	11:14:04 AM	11.066
4650	19.33	15.33	0.958	4.791	11:14:05 AM	11.066
4651	19.33	15.33	0.958	4.791	11:14:06 AM	11.066
4652	19.32	15.32	0.958	4.788	11:14:07 AM	11.059
4653	19.33	15.33	0.958	4.791	11:14:08 AM	11.066
4654	19.34	15.34	0.959	4.794	11:14:09 AM	11.074
4655	19.34	15.34	0.959	4.794	11:14:10 AM	11.074
4656	19.33	15.33	0.958	4.791	11:14:11 AM	11.066
4657	19.33	15.33	0.958	4.791	11:14:12 AM	11.066
4658	19.32	15.32	0.958	4.788	11:14:13 AM	11.059
4659	19.32	15.32	0.958	4.788	11:14:14 AM	11.059
4660	19.32	15.32	0.958	4.788	11:14:15 AM	11.059
4661	19.32	15.32	0.958	4.788	11:14:16 AM	11.059
4662	19.32	15.32	0.958	4.788	11:14:17 AM	11.059
4663	19.34	15.34	0.959	4.794	11:14:18 AM	11.074
4664	19.33	15.33	0.958	4.791	11:14:19 AM	11.066
4665	19.29	15.29	0.956	4.778	11:14:20 AM	11.037
4666	19.3	15.3	0.956	4.781	11:14:21 AM	11.045
4667	19.32	15.32	0.958	4.788	11:14:22 AM	11.059
4668	19.32	15.32	0.958	4.788	11:14:23 AM	11.059
4669	19.32	15.32	0.958	4.788	11:14:24 AM	11.059
4670	19.29	15.29	0.956	4.778	11:14:25 AM	11.037
4671	19.29	15.29	0.956	4.778	11:14:26 AM	11.037
4672	19.33	15.33	0.958	4.791	11:14:27 AM	11.066
4673	19.33	15.33	0.958	4.791	11:14:28 AM	11.066
4674	19.33	15.33	0.958	4.791	11:14:29 AM	11.066
4675	19.29	15.29	0.956	4.778	11:14:30 AM	11.037
4676	19.29	15.29	0.956	4.778	11:14:31 AM	11.037
4677	19.3	15.3	0.956	4.781	11:14:32 AM	11.045
4678	19.29	15.29	0.956	4.778	11:14:33 AM	11.037
4679	19.29	15.29	0.956	4.778	11:14:34 AM	11.037
4680	19.29	15.29	0.956	4.778	11:14:35 AM	11.037
4681	19.3	15.3	0.956	4.781	11:14:36 AM	11.045
4682	19.29	15.29	0.956	4.778	11:14:37 AM	11.037
4683	19.29	15.29	0.956	4.778	11:14:38 AM	11.037
4684	19.29	15.29	0.956	4.778	11:14:39 AM	11.037
4685	19.28	15.28	0.955	4.775	11:14:40 AM	11.030
4686	19.29	15.29	0.956	4.778	11:14:41 AM	11.037
4687	19.28	15.28	0.955	4.775	11:14:42 AM	11.030
4688	19.29	15.29	0.956	4.778	11:14:43 AM	11.037
4689	19.28	15.28	0.955	4.775	11:14:44 AM	11.030
4690	19.28	15.28	0.955	4.775	11:14:45 AM	11.030
4691	19.27	15.27	0.954	4.772	11:14:46 AM	11.023
4692	19.32	15.32	0.958	4.788	11:14:47 AM	11.059
4693	19.32	15.32	0.958	4.788	11:14:48 AM	11.059
4694	19.33	15.33	0.958	4.791	11:14:49 AM	11.066
4695	19.28	15.28	0.955	4.775	11:14:50 AM	11.030
4696	19.28	15.28	0.955	4.775	11:14:51 AM	11.030
4697	19.28	15.28	0.955	4.775	11:14:52 AM	11.030
4698	19.28	15.28	0.955	4.775	11:14:53 AM	11.030
4699	19.28	15.28	0.955	4.775	11:14:54 AM	11.030
4700	19.29	15.29	0.956	4.778	11:14:55 AM	11.037
4701	19.29	15.29	0.956	4.778	11:14:56 AM	11.037
4702	19.29	15.29	0.956	4.778	11:14:57 AM	11.037
4703	19.28	15.28	0.955	4.775	11:14:58 AM	11.030
4704	19.27	15.27	0.954	4.772	11:14:59 AM	11.023
4705	19.27	15.27	0.954	4.772	11:15:00 AM	11.023
4706	19.28	15.28	0.955	4.775	11:15:01 AM	11.030
4707	19.27	15.27	0.954	4.772	11:15:02 AM	11.023
4708	19.27	15.27	0.954	4.772	11:15:03 AM	11.023
4709	19.28	15.28	0.955	4.775	11:15:04 AM	11.030
4710	19.26	15.26	0.954	4.769	11:15:05 AM	11.016
4711	19.29	15.29	0.956	4.778	11:15:06 AM	11.037
4712	19.28	15.28	0.955	4.775	11:15:07 AM	11.030
4713	19.27	15.27	0.954	4.772	11:15:08 AM	11.023
4714	19.27	15.27	0.954	4.772	11:15:09 AM	11.023
4715	19.27	15.27	0.954	4.772	11:15:10 AM	11.023
4716	19.28	15.28	0.955	4.775	11:15:11 AM	11.030
4717	19.28	15.28	0.955	4.775	11:15:12 AM	11.030
4718	19.27	15.27	0.954	4.772	11:15:13 AM	11.023
4719	19.29	15.29	0.956	4.778	11:15:14 AM	11.037
4720	19.28	15.28	0.955	4.775	11:15:15 AM	11.030

4721	19.27	15.27	0.954	4.772	11:15:16 AM	11.023
4722	19.27	15.27	0.954	4.772	11:15:17 AM	11.023
4723	19.26	15.26	0.954	4.769	11:15:18 AM	11.016
4724	19.25	15.25	0.953	4.766	11:15:19 AM	11.009
4725	19.26	15.26	0.954	4.769	11:15:20 AM	11.016
4726	19.27	15.27	0.954	4.772	11:15:21 AM	11.023
4727	19.26	15.26	0.954	4.769	11:15:22 AM	11.016
4728	19.26	15.26	0.954	4.769	11:15:23 AM	11.016
4729	19.27	15.27	0.954	4.772	11:15:24 AM	11.023
4730	19.28	15.28	0.955	4.775	11:15:25 AM	11.030
4731	19.27	15.27	0.954	4.772	11:15:26 AM	11.023
4732	19.29	15.29	0.956	4.778	11:15:27 AM	11.037
4733	19.27	15.27	0.954	4.772	11:15:28 AM	11.023
4734	19.27	15.27	0.954	4.772	11:15:29 AM	11.023
4735	19.26	15.26	0.954	4.769	11:15:30 AM	11.016
4736	19.26	15.26	0.954	4.769	11:15:31 AM	11.016
4737	19.27	15.27	0.954	4.772	11:15:32 AM	11.023
4738	19.26	15.26	0.954	4.769	11:15:33 AM	11.016
4739	19.29	15.29	0.956	4.778	11:15:34 AM	11.037
4740	19.27	15.27	0.954	4.772	11:15:35 AM	11.023
4741	19.27	15.27	0.954	4.772	11:15:36 AM	11.023
4742	19.25	15.25	0.953	4.766	11:15:37 AM	11.009
4743	19.25	15.25	0.953	4.766	11:15:38 AM	11.009
4744	19.25	15.25	0.953	4.766	11:15:39 AM	11.009
4745	19.25	15.25	0.953	4.766	11:15:40 AM	11.009
4746	19.25	15.25	0.953	4.766	11:15:41 AM	11.009
4747	19.26	15.26	0.954	4.769	11:15:42 AM	11.016
4748	19.25	15.25	0.953	4.766	11:15:43 AM	11.009
4749	19.27	15.27	0.954	4.772	11:15:44 AM	11.023
4750	19.28	15.28	0.955	4.775	11:15:45 AM	11.030
4751	19.27	15.27	0.954	4.772	11:15:46 AM	11.023
4752	19.25	15.25	0.953	4.766	11:15:47 AM	11.009
4753	19.25	15.25	0.953	4.766	11:15:48 AM	11.009
4754	19.25	15.25	0.953	4.766	11:15:49 AM	11.009
4755	19.25	15.25	0.953	4.766	11:15:50 AM	11.009
4756	19.25	15.25	0.953	4.766	11:15:51 AM	11.009
4757	19.25	15.25	0.953	4.766	11:15:52 AM	11.009
4758	19.25	15.25	0.953	4.766	11:15:53 AM	11.009
4759	19.27	15.27	0.954	4.772	11:15:54 AM	11.023
4760	19.25	15.25	0.953	4.766	11:15:55 AM	11.009
4761	19.25	15.25	0.953	4.766	11:15:56 AM	11.009
4762	19.23	15.23	0.952	4.759	11:15:57 AM	10.994
4763	19.23	15.23	0.952	4.759	11:15:58 AM	10.994
4764	19.24	15.24	0.953	4.763	11:15:59 AM	11.001
4765	19.24	15.24	0.953	4.763	11:16:00 AM	11.001
4766	19.24	15.24	0.953	4.763	11:16:01 AM	11.001
4767	19.24	15.24	0.953	4.763	11:16:02 AM	11.001
4768	19.24	15.24	0.953	4.763	11:16:03 AM	11.001
4769	19.26	15.26	0.954	4.769	11:16:04 AM	11.016
4770	19.26	15.26	0.954	4.769	11:16:05 AM	11.016
4771	19.26	15.26	0.954	4.769	11:16:06 AM	11.016
4772	19.24	15.24	0.953	4.763	11:16:07 AM	11.001
4773	19.24	15.24	0.953	4.763	11:16:08 AM	11.001
4774	19.25	15.25	0.953	4.766	11:16:09 AM	11.009
4775	19.24	15.24	0.953	4.763	11:16:10 AM	11.001
4776	19.25	15.25	0.953	4.766	11:16:11 AM	11.009
4777	19.24	15.24	0.953	4.763	11:16:12 AM	11.001
4778	19.25	15.25	0.953	4.766	11:16:13 AM	11.009
4779	19.25	15.25	0.953	4.766	11:16:14 AM	11.009
4780	19.23	15.23	0.952	4.759	11:16:15 AM	10.994
4781	19.23	15.23	0.952	4.759	11:16:16 AM	10.994
4782	19.22	15.22	0.951	4.756	11:16:17 AM	10.987
4783	19.24	15.24	0.953	4.763	11:16:18 AM	11.001
4784	19.25	15.25	0.953	4.766	11:16:19 AM	11.009
4785	19.24	15.24	0.953	4.763	11:16:20 AM	11.001
4786	19.24	15.24	0.953	4.763	11:16:21 AM	11.001
4787	19.21	15.21	0.951	4.753	11:16:22 AM	10.980
4788	19.25	15.25	0.953	4.766	11:16:23 AM	11.009
4789	19.27	15.27	0.954	4.772	11:16:24 AM	11.023
4790	19.24	15.24	0.953	4.763	11:16:25 AM	11.001
4791	19.24	15.24	0.953	4.763	11:16:26 AM	11.001
4792	19.24	15.24	0.953	4.763	11:16:27 AM	11.001
4793	19.24	15.24	0.953	4.763	11:16:28 AM	11.001
4794	19.23	15.23	0.952	4.759	11:16:29 AM	10.994
4795	19.24	15.24	0.953	4.763	11:16:30 AM	11.001
4796	19.23	15.23	0.952	4.759	11:16:31 AM	10.994
4797	19.25	15.25	0.953	4.766	11:16:32 AM	11.009
4798	19.25	15.25	0.953	4.766	11:16:33 AM	11.009
4799	19.24	15.24	0.953	4.763	11:16:34 AM	11.001
4800	19.23	15.23	0.952	4.759	11:16:35 AM	10.994
4801	19.23	15.23	0.952	4.759	11:16:36 AM	10.994
4802	19.23	15.23	0.952	4.759	11:16:37 AM	10.994
4803	19.22	15.22	0.951	4.756	11:16:38 AM	10.987
4804	19.23	15.23	0.952	4.759	11:16:39 AM	10.994
4805	19.23	15.23	0.952	4.759	11:16:40 AM	10.994
4806	19.21	15.21	0.951	4.753	11:16:41 AM	10.980
4807	19.25	15.25	0.953	4.766	11:16:42 AM	11.009
4808	19.25	15.25	0.953	4.766	11:16:43 AM	11.009
4809	19.25	15.25	0.953	4.766	11:16:44 AM	11.009
4810	19.22	15.22	0.951	4.756	11:16:45 AM	10.987
4811	19.23	15.23	0.952	4.759	11:16:46 AM	10.994
4812	19.21	15.21	0.951	4.753	11:16:47 AM	10.980
4813	19.23	15.23	0.952	4.759	11:16:48 AM	10.994
4814	19.22	15.22	0.951	4.756	11:16:49 AM	10.987
4815	19.21	15.21	0.951	4.753	11:16:50 AM	10.980
4816	19.23	15.23	0.952	4.759	11:16:51 AM	10.994
4817	19.24	15.24	0.953	4.763	11:16:52 AM	11.001
4818	19.22	15.22	0.951	4.756	11:16:53 AM	10.987
4819	19.22	15.22	0.951	4.756	11:16:54 AM	10.987
4820	19.23	15.23	0.952	4.759	11:16:55 AM	10.994
4821	19.22	15.22	0.951	4.756	11:16:56 AM	10.987
4822	19.21	15.21	0.951	4.753	11:16:57 AM	10.980
4823	19.23	15.23	0.952	4.759	11:16:58 AM	10.994
4824	19.21	15.21	0.951	4.753	11:16:59 AM	10.980
4825	19.21	15.21	0.951	4.753	11:17:00 AM	10.980
4826	19.24	15.24	0.953	4.763	11:17:01 AM	11.001
4827	19.24	15.24	0.953	4.763	11:17:02 AM	11.001
4828	19.24	15.24	0.953	4.763	11:17:03 AM	11.001
4829	19.21	15.21	0.951	4.753	11:17:04 AM	10.980
4830	19.22	15.22	0.951	4.756	11:17:05 AM	10.987
4831	19.21	15.21	0.951	4.753	11:17:06 AM	10.980
4832	19.21	15.21	0.951	4.753	11:17:07 AM	10.980
4833	19.21	15.21	0.951	4.753	11:17:08 AM	10.980
4834	19.21	15.21	0.951	4.753	11:17:09 AM	10.980
4835	19.21	15.21	0.951	4.753	11:17:10 AM	10.980
4836	19.23	15.23	0.952	4.759	11:17:11 AM	10.994
4837	19.21	15.21	0.951	4.753	11:17:12 AM	10.980
4838	19.21	15.21	0.951	4.753	11:17:13 AM	10.980
4839	19.21	15.21	0.951	4.753	11:17:14 AM	10.980
4840	19.22	15.22	0.951	4.756	11:17:15 AM	10.987
4841	19.21	15.21	0.951	4.753	11:17:16 AM	10.980
4842	19.21	15.21	0.951	4.753	11:17:17 AM	10.980
4843	19.21	15.21	0.951	4.753	11:17:18 AM	10.980
4844	19.21	15.21	0.951	4.753	11:17:19 AM	10.980
4845	19.23	15.23	0.952	4.759	11:17:20 AM	10.994
4846	19.21	15.21	0.951	4.753	11:17:21 AM	10.980
4847	19.23	15.23	0.952	4.759	11:17:22 AM	10.994
4848	19.21	15.21	0.951	4.753	11:17:23 AM	10.980
4849	19.21	15.21	0.951	4.753	11:17:24 AM	10.980
4850	19.21	15.21	0.951	4.753	11:17:25 AM	10.980
4851	19.21	15.21	0.951	4.753	11:17:26 AM	10.980
4852	19.21	15.21	0.951	4.753	11:17:27 AM	10.980
4853	19.21	15.21	0.951	4.753	11:17:28 AM	10.980
4854	19.21	15.21	0.951	4.753	11:17:29 AM	10.980
4855	19.21	15.21	0.951	4.753	11:17:30 AM	10.980
4856	19.23	15.23	0.952	4.759	11:17:31 AM	10.994
4857	19.21	15.21	0.951	4.753	11:17:32 AM	10.980
4858	19.21	15.21	0.951	4.753	11:17:33 AM	10.980
4859	19.2	15.2	0.950	4.750	11:17:34 AM	10.973
4860	19.2	15.2	0.950	4.750	11:17:35 AM	10.973
4861	19.21	15.21	0.951	4.753	11:17:36 AM	10.980
4862	19.21	15.21	0.951	4.753	11:17:37 AM	10.980
4863	19.21	15.21	0.951	4.753	11:17:38 AM	10.980
4864	19.2	15.2	0.950	4.750	11:17:39 AM	10.973
4865	19.23	15.23	0.952	4.759	11:17:40 AM	10.994
4866	19.22	15.22	0.951	4.756	11:17:41 AM	10.987
4867	19.23	15.23	0.952	4.759	11:17:42 AM	10.994
4868	19.21	15.21	0.951	4.753	11:17:43 AM	10.980
4869	19.21	15.21	0.951	4.753	11:17:44 AM	10.980
4870	19.21	15.21	0.951	4.753	11:17:45 AM	10.980
4871	19.21	15.21	0.951	4.753	11:17:46 AM	10.980
4872	19.21	15.21	0.951	4.753	11:17:47 AM	10.980
4873	19.21	15.21	0.951	4.753	11:17:48 AM	10.980
4874	19.21	15.21	0.951	4.753	11:17:49 AM	10.980
4875	19.21	15.21	0.951	4.753	11:17:50 AM	10.980
4876	19.21	15.21	0.951	4.753	11:17:51 AM	10.980
4877	19.2	15.2	0.950	4.750	11:17:52 AM	10.973
4878	19.2	15.2	0.950	4.750	11:17:53 AM	10.973
4879	19.2	15.2	0.950	4.750	11:17:54 AM	10.973
4880	19.21	15.21	0.951	4.753	11:17:55 AM	10.980
4881	19.21	15.21	0.951	4.753	11:17:56 AM	10.980
4882	19.21	15.21	0.951	4.753	11:17:57 AM	10.980

4883	19.2	15.2	0.950	4.750	11:17:58 AM	10.973
4884	19.21	15.21	0.951	4.753	11:17:59 AM	10.980
4885	19.21	15.21	0.951	4.753	11:18:00 AM	10.980
4886	19.2	15.2	0.950	4.750	11:18:01 AM	10.973
4887	19.2	15.2	0.950	4.750	11:18:02 AM	10.973
4888	19.2	15.2	0.950	4.750	11:18:03 AM	10.973
4889	19.21	15.21	0.951	4.753	11:18:04 AM	10.980
4890	19.2	15.2	0.950	4.750	11:18:05 AM	10.973
4891	19.2	15.2	0.950	4.750	11:18:06 AM	10.973
4892	19.2	15.2	0.950	4.750	11:18:07 AM	10.973
4893	19.24	15.24	0.953	4.763	11:18:08 AM	11.001
4894	19.12	15.12	0.945	4.725	11:18:09 AM	10.915
4895	18.13	14.13	0.883	4.416	11:18:10 AM	10.200
4896	18.1	14.1	0.881	4.406	11:18:11 AM	10.178
4897	17.17	13.17	0.823	4.116	11:18:12 AM	9.507
4898	17.72	13.72	0.858	4.288	11:18:13 AM	9.904
4899	17.96	13.96	0.873	4.363	11:18:14 AM	10.077
4900	18.16	14.16	0.885	4.425	11:18:15 AM	10.222
4901	18.35	14.35	0.897	4.484	11:18:16 AM	10.359
4902	18.48	14.48	0.905	4.525	11:18:17 AM	10.453
4903	18.56	14.56	0.910	4.550	11:18:18 AM	10.511
4904	18.6	14.6	0.913	4.563	11:18:19 AM	10.539
4905	18.62	14.62	0.914	4.569	11:18:20 AM	10.554
4906	18.64	14.64	0.915	4.575	11:18:21 AM	10.568
4907	18.67	14.67	0.917	4.584	11:18:22 AM	10.590
4908	18.68	14.68	0.918	4.588	11:18:23 AM	10.597
4909	18.7	14.7	0.919	4.594	11:18:24 AM	10.612
4910	18.7	14.7	0.919	4.594	11:18:25 AM	10.612
4911	18.73	14.73	0.921	4.603	11:18:26 AM	10.633
4912	18.73	14.73	0.921	4.603	11:18:27 AM	10.633
4913	18.75	14.75	0.922	4.609	11:18:28 AM	10.648
4914	18.76	14.76	0.923	4.613	11:18:29 AM	10.655
4915	18.75	14.75	0.922	4.609	11:18:30 AM	10.648
4916	18.76	14.76	0.923	4.613	11:18:31 AM	10.655
4917	18.75	14.75	0.922	4.609	11:18:32 AM	10.648
4918	18.76	14.76	0.923	4.613	11:18:33 AM	10.655
4919	18.77	14.77	0.923	4.616	11:18:34 AM	10.662
4920	18.77	14.77	0.923	4.616	11:18:35 AM	10.662
4921	18.77	14.77	0.923	4.616	11:18:36 AM	10.662
4922	18.8	14.8	0.925	4.625	11:18:37 AM	10.684
4923	18.81	14.81	0.926	4.628	11:18:38 AM	10.691
4924	18.81	14.81	0.926	4.628	11:18:39 AM	10.691
4925	18.79	14.79	0.924	4.622	11:18:40 AM	10.677
4926	18.79	14.79	0.924	4.622	11:18:41 AM	10.677
4927	18.79	14.79	0.924	4.622	11:18:42 AM	10.677
4928	18.8	14.8	0.925	4.625	11:18:43 AM	10.684
4929	18.8	14.8	0.925	4.625	11:18:44 AM	10.684
4930	18.8	14.8	0.925	4.625	11:18:45 AM	10.684
4931	18.81	14.81	0.926	4.628	11:18:46 AM	10.691
4932	18.82	14.82	0.926	4.631	11:18:47 AM	10.698
4933	18.81	14.81	0.926	4.628	11:18:48 AM	10.691
4934	18.79	14.79	0.924	4.622	11:18:49 AM	10.677
4935	18.81	14.81	0.926	4.628	11:18:50 AM	10.691
4936	18.81	14.81	0.926	4.628	11:18:51 AM	10.691
4937	18.81	14.81	0.926	4.628	11:18:52 AM	10.691
4938	18.81	14.81	0.926	4.628	11:18:53 AM	10.691
4939	18.83	14.83	0.927	4.634	11:18:54 AM	10.705
4940	18.81	14.81	0.926	4.628	11:18:55 AM	10.691
4941	18.85	14.85	0.928	4.641	11:18:56 AM	10.720
4942	18.86	14.86	0.929	4.644	11:18:57 AM	10.727
4943	18.86	14.86	0.929	4.644	11:18:58 AM	10.727
4944	18.86	14.86	0.929	4.644	11:18:59 AM	10.727
4945	18.83	14.83	0.927	4.634	11:19:00 AM	10.705
4946	18.83	14.83	0.927	4.634	11:19:01 AM	10.705
4947	18.83	14.83	0.927	4.634	11:19:02 AM	10.705
4948	18.83	14.83	0.927	4.634	11:19:03 AM	10.705
4949	18.85	14.85	0.928	4.641	11:19:04 AM	10.720
4950	18.85	14.85	0.928	4.641	11:19:05 AM	10.720
4951	18.86	14.86	0.929	4.644	11:19:06 AM	10.727
4952	18.86	14.86	0.929	4.644	11:19:07 AM	10.727
4953	18.83	14.83	0.927	4.634	11:19:08 AM	10.705
4954	18.86	14.86	0.929	4.644	11:19:09 AM	10.727
4955	18.86	14.86	0.929	4.644	11:19:10 AM	10.727
4956	18.85	14.85	0.928	4.641	11:19:11 AM	10.720
4957	18.85	14.85	0.928	4.641	11:19:12 AM	10.720
4958	18.86	14.86	0.929	4.644	11:19:13 AM	10.727
4959	18.86	14.86	0.929	4.644	11:19:14 AM	10.727
4960	18.86	14.86	0.929	4.644	11:19:15 AM	10.727
4961	18.88	14.88	0.930	4.650	11:19:16 AM	10.742
4962	18.88	14.88	0.930	4.650	11:19:17 AM	10.742
4963	18.88	14.88	0.930	4.650	11:19:18 AM	10.742
4964	18.86	14.86	0.929	4.644	11:19:19 AM	10.727
4965	18.86	14.86	0.929	4.644	11:19:20 AM	10.727
4966	18.86	14.86	0.929	4.644	11:19:21 AM	10.727
4967	18.86	14.86	0.929	4.644	11:19:22 AM	10.727
4968	18.86	14.86	0.929	4.644	11:19:23 AM	10.727
4969	18.86	14.86	0.929	4.644	11:19:24 AM	10.727
4970	18.88	14.88	0.930	4.650	11:19:25 AM	10.742
4971	18.89	14.89	0.931	4.653	11:19:26 AM	10.749
4972	18.88	14.88	0.930	4.650	11:19:27 AM	10.742
4973	18.87	14.87	0.929	4.647	11:19:28 AM	10.734
4974	18.87	14.87	0.929	4.647	11:19:29 AM	10.734
4975	18.88	14.88	0.930	4.650	11:19:30 AM	10.742
4976	18.89	14.89	0.931	4.653	11:19:31 AM	10.749
4977	18.86	14.86	0.929	4.644	11:19:32 AM	10.727
4978	18.86	14.86	0.929	4.644	11:19:33 AM	10.727
4979	18.86	14.86	0.929	4.644	11:19:34 AM	10.727
4980	18.89	14.89	0.931	4.653	11:19:35 AM	10.749
4981	18.9	14.9	0.931	4.656	11:19:36 AM	10.756
4982	18.9	14.9	0.931	4.656	11:19:37 AM	10.756
4983	18.89	14.89	0.931	4.653	11:19:38 AM	10.749
4984	18.89	14.89	0.931	4.653	11:19:39 AM	10.749
4985	18.89	14.89	0.931	4.653	11:19:40 AM	10.749
4986	18.89	14.89	0.931	4.653	11:19:41 AM	10.749
4987	18.89	14.89	0.931	4.653	11:19:42 AM	10.749
4988	18.89	14.89	0.931	4.653	11:19:43 AM	10.749
4989	18.91	14.91	0.932	4.659	11:19:44 AM	10.763
4990	18.9	14.9	0.931	4.656	11:19:45 AM	10.756
4991	18.89	14.89	0.931	4.653	11:19:46 AM	10.749
4992	18.89	14.89	0.931	4.653	11:19:47 AM	10.749
4993	18.89	14.89	0.931	4.653	11:19:48 AM	10.749
4994	18.9	14.9	0.931	4.656	11:19:49 AM	10.756
4995	18.9	14.9	0.931	4.656	11:19:50 AM	10.756
4996	18.89	14.89	0.931	4.653	11:19:51 AM	10.749
4997	18.89	14.89	0.931	4.653	11:19:52 AM	10.749
4998	18.89	14.89	0.931	4.653	11:19:53 AM	10.749
4999	18.92	14.92	0.933	4.663	11:19:54 AM	10.770
5000	18.92	14.92	0.933	4.663	11:19:55 AM	10.770
5001	18.9	14.9	0.931	4.656	11:19:56 AM	10.756
5002	18.9	14.9	0.931	4.656	11:19:57 AM	10.756
5003	18.9	14.9	0.931	4.656	11:19:58 AM	10.756
5004	18.9	14.9	0.931	4.656	11:19:59 AM	10.756
5005	18.9	14.9	0.931	4.656	11:20:00 AM	10.756
5006	18.9	14.9	0.931	4.656	11:20:01 AM	10.756
5007	18.9	14.9	0.931	4.656	11:20:02 AM	10.756
5008	18.91	14.91	0.932	4.659	11:20:03 AM	10.763
5009	18.92	14.92	0.933	4.663	11:20:04 AM	10.770
5010	18.92	14.92	0.933	4.663	11:20:05 AM	10.770
5011	18.9	14.9	0.931	4.656	11:20:06 AM	10.756
5012	18.91	14.91	0.932	4.659	11:20:07 AM	10.763
5013	18.9	14.9	0.931	4.656	11:20:08 AM	10.756
5014	18.92	14.92	0.933	4.663	11:20:09 AM	10.770
5015	18.91	14.91	0.932	4.659	11:20:10 AM	10.763
5016	18.9	14.9	0.931	4.656	11:20:11 AM	10.756
5017	18.9	14.9	0.931	4.656	11:20:12 AM	10.756
5018	18.92	14.92	0.933	4.663	11:20:13 AM	10.770
5019	18.93	14.93	0.933	4.666	11:20:14 AM	10.778
5020	18.91	14.91	0.932	4.659	11:20:15 AM	10.763
5021	18.91	14.91	0.932	4.659	11:20:16 AM	10.763
5022	18.92	14.92	0.933	4.663	11:20:17 AM	10.770
5023	18.91	14.91	0.932	4.659	11:20:18 AM	10.763
5024	18.92	14.92	0.933	4.663	11:20:19 AM	10.770
5025	18.92	14.92	0.933	4.663	11:20:20 AM	10.770
5026	18.92	14.92	0.933	4.663	11:20:21 AM	10.770
5027	18.94	14.94	0.934	4.669	11:20:22 AM	10.785
5028	18.94	14.94	0.934	4.669	11:20:23 AM	10.785
5029	18.93	14.93	0.933	4.666	11:20:24 AM	10.778
5030	18.92	14.92	0.933	4.663	11:20:25 AM	10.770
5031	18.91	14.91	0.932	4.659	11:20:26 AM	10.763
5032	18.92	14.92	0.933	4.663	11:20:27 AM	10.770
5033	18.91	14.91	0.932	4.659	11:20:28 AM	10.763
5034	18.92	14.92	0.933	4.663	11:20:29 AM	10.770
5035	18.92	14.92	0.933	4.663	11:20:30 AM	10.770
5036	18.92	14.92	0.933	4.663	11:20:31 AM	10.770
5037	18.94	14.94	0.934	4.669	11:20:32 AM	10.785
5038	18.94	14.94	0.934	4.669	11:20:33 AM	10.785
5039	18.93	14.93	0.933	4.666	11:20:34 AM	10.778
5040	18.92	14.92	0.933	4.663	11:20:35 AM	10.770
5041	18.93	14.93	0.933	4.666	11:20:36 AM	10.778
5042	18.93	14.93	0.933	4.666	11:20:37 AM	10.778
5043	18.93	14.93	0.933	4.666	11:20:38 AM	10.778
5044	18.92	14.92	0.933	4.663	11:20:39 AM	10.770

5045	18.94	14.94	0.934	4.669	11:20:40 AM	10.785
5046	18.93	14.93	0.933	4.666	11:20:41 AM	10.778
5047	18.94	14.94	0.934	4.669	11:20:42 AM	10.785
5048	18.94	14.94	0.934	4.669	11:20:43 AM	10.785
5049	18.94	14.94	0.934	4.669	11:20:44 AM	10.785
5050	18.92	14.92	0.933	4.663	11:20:45 AM	10.770
5051	18.93	14.93	0.933	4.666	11:20:46 AM	10.778
5052	18.94	14.94	0.934	4.669	11:20:47 AM	10.785
5053	18.94	14.94	0.934	4.669	11:20:48 AM	10.785
5054	18.93	14.93	0.933	4.666	11:20:49 AM	10.778
5055	18.93	14.93	0.933	4.666	11:20:50 AM	10.778
5056	18.92	14.92	0.933	4.663	11:20:51 AM	10.770
5057	18.95	14.95	0.934	4.672	11:20:52 AM	10.792
5058	18.94	14.94	0.934	4.669	11:20:53 AM	10.785
5059	18.94	14.94	0.934	4.669	11:20:54 AM	10.785
5060	18.94	14.94	0.934	4.669	11:20:55 AM	10.785
5061	18.94	14.94	0.934	4.669	11:20:56 AM	10.785
5062	18.94	14.94	0.934	4.669	11:20:57 AM	10.785
5063	18.94	14.94	0.934	4.669	11:20:58 AM	10.785
5064	18.94	14.94	0.934	4.669	11:20:59 AM	10.785
5065	18.95	14.95	0.934	4.672	11:21:00 AM	10.792
5066	18.97	14.97	0.936	4.678	11:21:01 AM	10.806
5067	18.94	14.94	0.934	4.669	11:21:02 AM	10.785
5068	18.94	14.94	0.934	4.669	11:21:03 AM	10.785
5069	18.94	14.94	0.934	4.669	11:21:04 AM	10.785
5070	18.94	14.94	0.934	4.669	11:21:05 AM	10.785
5071	18.94	14.94	0.934	4.669	11:21:06 AM	10.785
5072	18.94	14.94	0.934	4.669	11:21:07 AM	10.785
5073	18.94	14.94	0.934	4.669	11:21:08 AM	10.785
5074	18.94	14.94	0.934	4.669	11:21:09 AM	10.785
5075	18.97	14.97	0.936	4.678	11:21:10 AM	10.806
5076	18.98	14.98	0.936	4.681	11:21:11 AM	10.814
5077	18.97	14.97	0.936	4.678	11:21:12 AM	10.806
5078	18.94	14.94	0.934	4.669	11:21:13 AM	10.785
5079	18.95	14.95	0.934	4.672	11:21:14 AM	10.792
5080	18.94	14.94	0.934	4.669	11:21:15 AM	10.785
5081	18.94	14.94	0.934	4.669	11:21:16 AM	10.785
5082	18.94	14.94	0.934	4.669	11:21:17 AM	10.785
5083	18.95	14.95	0.934	4.672	11:21:18 AM	10.792
5084	18.97	14.97	0.936	4.678	11:21:19 AM	10.806
5085	18.97	14.97	0.936	4.678	11:21:20 AM	10.806
5086	18.95	14.95	0.934	4.672	11:21:21 AM	10.792
5087	18.94	14.94	0.934	4.669	11:21:22 AM	10.785
5088	18.95	14.95	0.934	4.672	11:21:23 AM	10.792
5089	18.95	14.95	0.934	4.672	11:21:24 AM	10.792
5090	18.95	14.95	0.934	4.672	11:21:25 AM	10.792
5091	18.94	14.94	0.934	4.669	11:21:26 AM	10.785
5092	18.95	14.95	0.934	4.672	11:21:27 AM	10.792
5093	18.94	14.94	0.934	4.669	11:21:28 AM	10.785
5094	18.98	14.98	0.936	4.681	11:21:29 AM	10.814
5095	18.99	14.99	0.937	4.684	11:21:30 AM	10.821
5096	18.97	14.97	0.936	4.678	11:21:31 AM	10.806
5097	18.97	14.97	0.936	4.678	11:21:32 AM	10.806
5098	18.97	14.97	0.936	4.678	11:21:33 AM	10.806
5099	18.97	14.97	0.936	4.678	11:21:34 AM	10.806
5100	18.97	14.97	0.936	4.678	11:21:35 AM	10.806
5101	18.97	14.97	0.936	4.678	11:21:36 AM	10.806
5102	18.97	14.97	0.936	4.678	11:21:37 AM	10.806
5103	18.98	14.98	0.936	4.681	11:21:38 AM	10.814
5104	18.97	14.97	0.936	4.678	11:21:39 AM	10.806
5105	18.97	14.97	0.936	4.678	11:21:40 AM	10.806
5106	18.97	14.97	0.936	4.678	11:21:41 AM	10.806
5107	18.97	14.97	0.936	4.678	11:21:42 AM	10.806
5108	18.95	14.95	0.934	4.672	11:21:43 AM	10.792
5109	18.97	14.97	0.936	4.678	11:21:44 AM	10.806
5110	18.97	14.97	0.936	4.678	11:21:45 AM	10.806
5111	18.97	14.97	0.936	4.678	11:21:46 AM	10.806
5112	18.99	14.99	0.937	4.684	11:21:47 AM	10.821
5113	18.99	14.99	0.937	4.684	11:21:48 AM	10.821
5114	18.99	14.99	0.937	4.684	11:21:49 AM	10.821
5115	18.97	14.97	0.936	4.678	11:21:50 AM	10.806
5116	18.98	14.98	0.936	4.681	11:21:51 AM	10.814
5117	18.98	14.98	0.936	4.681	11:21:52 AM	10.814
5118	18.97	14.97	0.936	4.678	11:21:53 AM	10.806
5119	18.97	14.97	0.936	4.678	11:21:54 AM	10.806
5120	18.98	14.98	0.936	4.681	11:21:55 AM	10.814
5121	18.99	14.99	0.937	4.684	11:21:56 AM	10.821
5122	18.99	14.99	0.937	4.684	11:21:57 AM	10.821
5123	18.99	14.99	0.937	4.684	11:21:58 AM	10.821
5124	18.97	14.97	0.936	4.678	11:21:59 AM	10.806
5125	18.97	14.97	0.936	4.678	11:22:00 AM	10.806
5126	18.98	14.98	0.936	4.681	11:22:01 AM	10.814
5127	18.98	14.98	0.936	4.681	11:22:02 AM	10.814
5128	18.98	14.98	0.936	4.681	11:22:03 AM	10.814
5129	18.98	14.98	0.936	4.681	11:22:04 AM	10.814
5130	18.97	14.97	0.936	4.678	11:22:05 AM	10.806
5131	18.99	14.99	0.937	4.684	11:22:06 AM	10.821
5132	18.99	14.99	0.937	4.684	11:22:07 AM	10.821
5133	19	15	0.938	4.688	11:22:08 AM	10.828
5134	18.98	14.98	0.936	4.681	11:22:09 AM	10.814
5135	18.98	14.98	0.936	4.681	11:22:10 AM	10.814
5136	18.98	14.98	0.936	4.681	11:22:11 AM	10.814
5137	18.98	14.98	0.936	4.681	11:22:12 AM	10.814
5138	18.98	14.98	0.936	4.681	11:22:13 AM	10.814
5139	18.98	14.98	0.936	4.681	11:22:14 AM	10.814
5140	18.99	14.99	0.937	4.684	11:22:15 AM	10.821
5141	18.99	14.99	0.937	4.684	11:22:16 AM	10.821
5142	18.99	14.99	0.937	4.684	11:22:17 AM	10.821
5143	18.98	14.98	0.936	4.681	11:22:18 AM	10.814
5144	18.98	14.98	0.936	4.681	11:22:19 AM	10.814
5145	18.98	14.98	0.936	4.681	11:22:20 AM	10.814
5146	18.98	14.98	0.936	4.681	11:22:21 AM	10.814
5147	18.98	14.98	0.936	4.681	11:22:22 AM	10.814
5148	18.99	14.99	0.937	4.684	11:22:23 AM	10.821
5149	18.98	14.98	0.936	4.681	11:22:24 AM	10.814
5150	18.97	14.97	0.936	4.678	11:22:25 AM	10.806
5151	19	15	0.938	4.688	11:22:26 AM	10.828
5152	19	15	0.938	4.688	11:22:27 AM	10.828
5153	19.01	15.01	0.938	4.691	11:22:28 AM	10.835
5154	18.98	14.98	0.936	4.681	11:22:29 AM	10.814
5155	18.99	14.99	0.937	4.684	11:22:30 AM	10.821
5156	18.99	14.99	0.937	4.684	11:22:31 AM	10.821
5157	18.99	14.99	0.937	4.684	11:22:32 AM	10.821
5158	18.99	14.99	0.937	4.684	11:22:33 AM	10.821
5159	18.99	14.99	0.937	4.684	11:22:34 AM	10.821
5160	18.99	14.99	0.937	4.684	11:22:35 AM	10.821
5161	18.99	14.99	0.937	4.684	11:22:36 AM	10.821
5162	18.99	14.99	0.937	4.684	11:22:37 AM	10.821
5163	18.99	14.99	0.937	4.684	11:22:38 AM	10.821
5164	18.99	14.99	0.937	4.684	11:22:39 AM	10.821
5165	18.99	14.99	0.937	4.684	11:22:40 AM	10.821
5166	18.99	14.99	0.937	4.684	11:22:41 AM	10.821
5167	18.98	14.98	0.936	4.681	11:22:42 AM	10.814
5168	18.99	14.99	0.937	4.684	11:22:43 AM	10.821
5169	18.98	14.98	0.936	4.681	11:22:44 AM	10.814
5170	18.99	14.99	0.937	4.684	11:22:45 AM	10.821
5171	19.01	15.01	0.938	4.691	11:22:46 AM	10.835
5172	19.01	15.01	0.938	4.691	11:22:47 AM	10.835
5173	19.01	15.01	0.938	4.691	11:22:48 AM	10.835
5174	18.99	14.99	0.937	4.684	11:22:49 AM	10.821
5175	19	15	0.938	4.688	11:22:50 AM	10.828
5176	18.99	14.99	0.937	4.684	11:22:51 AM	10.821
5177	18.99	14.99	0.937	4.684	11:22:52 AM	10.821
5178	18.99	14.99	0.937	4.684	11:22:53 AM	10.821
5179	18.99	14.99	0.937	4.684	11:22:54 AM	10.821
5180	19.02	15.02	0.939	4.694	11:22:55 AM	10.843
5181	19.01	15.01	0.938	4.691	11:22:56 AM	10.835
5182	19	15	0.938	4.688	11:22:57 AM	10.828
5183	18.99	14.99	0.937	4.684	11:22:58 AM	10.821
5184	18.99	14.99	0.937	4.684	11:22:59 AM	10.821
5185	18.99	14.99	0.937	4.684	11:23:00 AM	10.821
5186	18.99	14.99	0.937	4.684	11:23:01 AM	10.821
5187	18.99	14.99	0.937	4.684	11:23:02 AM	10.821
5188	19	15	0.938	4.688	11:23:03 AM	10.828
5189	18.99	14.99	0.937	4.684	11:23:04 AM	10.821
5190	19.01	15.01	0.938	4.691	11:23:05 AM	10.835
5191	19.01	15.01	0.938	4.691	11:23:06 AM	10.835
5192	18.99	14.99	0.937	4.684	11:23:07 AM	10.821
5193	19	15	0.938	4.688	11:23:08 AM	10.828
5194	18.99	14.99	0.937	4.684	11:23:09 AM	10.821
5195	19	15	0.938	4.688	11:23:10 AM	10.828
5196	19.01	15.01	0.938	4.691	11:23:11 AM	10.835
5197	19	15	0.938	4.688	11:23:12 AM	10.828
5198	19.01	15.01	0.938	4.691	11:23:13 AM	10.835
5199	19.01	15.01	0.938	4.691	11:23:14 AM	10.835
5200	19.01	15.01	0.938	4.691	11:23:15 AM	10.835
5201	19.01	15.01	0.938	4.691	11:23:16 AM	10.835
5202	19	15	0.938	4.688	11:23:17 AM	10.828
5203	18.99	14.99	0.937	4.684	11:23:18 AM	10.821
5204	19	15	0.938	4.688	11:23:19 AM	10.828
5205	19	15	0.938	4.688	11:23:20 AM	10.828
5206	18.99	14.99	0.937	4.684	11:23:21 AM	10.821

5207	18.99	14.99	0.937	4.684	11:23:22 AM	10.821
5208	18.99	14.99	0.937	4.684	11:23:23 AM	10.821
5209	19.02	15.02	0.939	4.694	11:23:24 AM	10.843
5210	19.03	15.03	0.939	4.697	11:23:25 AM	10.850
5211	19	15	0.938	4.688	11:23:26 AM	10.828
5212	18.99	14.99	0.937	4.684	11:23:27 AM	10.821
5213	19	15	0.938	4.688	11:23:28 AM	10.828
5214	19.01	15.01	0.938	4.691	11:23:29 AM	10.835
5215	19	15	0.938	4.688	11:23:30 AM	10.828
5216	19.01	15.01	0.938	4.691	11:23:31 AM	10.835
5217	19.02	15.02	0.939	4.694	11:23:32 AM	10.843
5218	19.02	15.02	0.939	4.694	11:23:33 AM	10.843
5219	19.01	15.01	0.938	4.691	11:23:34 AM	10.835
5220	19.01	15.01	0.938	4.691	11:23:35 AM	10.835
5221	19	15	0.938	4.688	11:23:36 AM	10.828
5222	19.01	15.01	0.938	4.691	11:23:37 AM	10.835
5223	19	15	0.938	4.688	11:23:38 AM	10.828
5224	19.01	15.01	0.938	4.691	11:23:39 AM	10.835
5225	19.01	15.01	0.938	4.691	11:23:40 AM	10.835
5226	19.01	15.01	0.938	4.691	11:23:41 AM	10.835
5227	19	15	0.938	4.688	11:23:42 AM	10.828
5228	19.02	15.02	0.939	4.694	11:23:43 AM	10.843
5229	19.03	15.03	0.939	4.697	11:23:44 AM	10.850
5230	19.01	15.01	0.938	4.691	11:23:45 AM	10.835
5231	19	15	0.938	4.688	11:23:46 AM	10.828
5232	19.01	15.01	0.938	4.691	11:23:47 AM	10.835
5233	19.01	15.01	0.938	4.691	11:23:48 AM	10.835
5234	19.02	15.02	0.939	4.694	11:23:49 AM	10.843
5235	19.01	15.01	0.938	4.691	11:23:50 AM	10.835
5236	19.01	15.01	0.938	4.691	11:23:51 AM	10.835
5237	19.03	15.03	0.939	4.697	11:23:52 AM	10.850
5238	19.02	15.02	0.939	4.694	11:23:53 AM	10.843
5239	19.01	15.01	0.938	4.691	11:23:54 AM	10.835
5240	19.01	15.01	0.938	4.691	11:23:55 AM	10.835
5241	19	15	0.938	4.688	11:23:56 AM	10.828
5242	19.01	15.01	0.938	4.691	11:23:57 AM	10.835
5243	19.01	15.01	0.938	4.691	11:23:58 AM	10.835
5244	19.01	15.01	0.938	4.691	11:23:59 AM	10.835
5245	19.01	15.01	0.938	4.691	11:24:00 AM	10.835
5246	19.03	15.03	0.939	4.697	11:24:01 AM	10.850
5247	19.03	15.03	0.939	4.697	11:24:02 AM	10.850
5248	19.03	15.03	0.939	4.697	11:24:03 AM	10.850
5249	19.01	15.01	0.938	4.691	11:24:04 AM	10.835
5250	19.01	15.01	0.938	4.691	11:24:05 AM	10.835
5251	19.01	15.01	0.938	4.691	11:24:06 AM	10.835
5252	19.01	15.01	0.938	4.691	11:24:07 AM	10.835
5253	19.01	15.01	0.938	4.691	11:24:08 AM	10.835
5254	19.01	15.01	0.938	4.691	11:24:09 AM	10.835
5255	19.02	15.02	0.939	4.694	11:24:10 AM	10.843
5256	19.02	15.02	0.939	4.694	11:24:11 AM	10.843
5257	19.03	15.03	0.939	4.697	11:24:12 AM	10.850
5258	19.01	15.01	0.938	4.691	11:24:13 AM	10.835
5259	19.01	15.01	0.938	4.691	11:24:14 AM	10.835
5260	19.01	15.01	0.938	4.691	11:24:15 AM	10.835
5261	19.02	15.02	0.939	4.694	11:24:16 AM	10.843
5262	19.01	15.01	0.938	4.691	11:24:17 AM	10.835
5263	19.02	15.02	0.939	4.694	11:24:18 AM	10.843
5264	19.01	15.01	0.938	4.691	11:24:19 AM	10.835
5265	19.03	15.03	0.939	4.697	11:24:20 AM	10.850
5266	19.03	15.03	0.939	4.697	11:24:21 AM	10.850
5267	19.03	15.03	0.939	4.697	11:24:22 AM	10.850
5268	19.01	15.01	0.938	4.691	11:24:23 AM	10.835
5269	19.01	15.01	0.938	4.691	11:24:24 AM	10.835
5270	19.02	15.02	0.939	4.694	11:24:25 AM	10.843
5271	19.01	15.01	0.938	4.691	11:24:26 AM	10.835
5272	19.01	15.01	0.938	4.691	11:24:27 AM	10.835
5273	19.02	15.02	0.939	4.694	11:24:28 AM	10.843
5274	19.02	15.02	0.939	4.694	11:24:29 AM	10.843
5275	19.03	15.03	0.939	4.697	11:24:30 AM	10.850
5276	19.02	15.02	0.939	4.694	11:24:31 AM	10.843
5277	19.02	15.02	0.939	4.694	11:24:32 AM	10.843
5278	19.01	15.01	0.938	4.691	11:24:33 AM	10.835
5279	19.02	15.02	0.939	4.694	11:24:34 AM	10.843
5280	19.02	15.02	0.939	4.694	11:24:35 AM	10.843
5281	19.01	15.01	0.938	4.691	11:24:36 AM	10.835
5282	19.01	15.01	0.938	4.691	11:24:37 AM	10.835
5283	19.01	15.01	0.938	4.691	11:24:38 AM	10.835
5284	19.03	15.03	0.939	4.697	11:24:39 AM	10.850
5285	19.03	15.03	0.939	4.697	11:24:40 AM	10.850
5286	19.03	15.03	0.939	4.697	11:24:41 AM	10.850
5287	19.01	15.01	0.938	4.691	11:24:42 AM	10.835
5288	19.01	15.01	0.938	4.691	11:24:43 AM	10.835
5289	19.01	15.01	0.938	4.691	11:24:44 AM	10.835
5290	19.02	15.02	0.939	4.694	11:24:45 AM	10.843
5291	19.03	15.03	0.939	4.697	11:24:46 AM	10.850
5292	19.02	15.02	0.939	4.694	11:24:47 AM	10.843
5293	19.03	15.03	0.939	4.697	11:24:48 AM	10.850
5294	19.03	15.03	0.939	4.697	11:24:49 AM	10.850
5295	19.03	15.03	0.939	4.697	11:24:50 AM	10.850
5296	19.01	15.01	0.938	4.691	11:24:51 AM	10.835
5297	19.02	15.02	0.939	4.694	11:24:52 AM	10.843
5298	19.02	15.02	0.939	4.694	11:24:53 AM	10.843
5299	19.02	15.02	0.939	4.694	11:24:54 AM	10.843
5300	19.02	15.02	0.939	4.694	11:24:55 AM	10.843
5301	19.03	15.03	0.939	4.697	11:24:56 AM	10.850
5302	19.03	15.03	0.939	4.697	11:24:57 AM	10.850
5303	19.02	15.02	0.939	4.694	11:24:58 AM	10.843
5304	19.03	15.03	0.939	4.697	11:24:59 AM	10.850
5305	19.03	15.03	0.939	4.697	11:25:00 AM	10.850
5306	19.02	15.02	0.939	4.694	11:25:01 AM	10.843
5307	19.02	15.02	0.939	4.694	11:25:02 AM	10.843
5308	19.02	15.02	0.939	4.694	11:25:03 AM	10.843
5309	19.03	15.03	0.939	4.697	11:25:04 AM	10.850
5310	19.02	15.02	0.939	4.694	11:25:05 AM	10.843
5311	19.03	15.03	0.939	4.697	11:25:06 AM	10.850
5312	19.03	15.03	0.939	4.697	11:25:07 AM	10.850
5313	19.03	15.03	0.939	4.697	11:25:08 AM	10.850
5314	19.03	15.03	0.939	4.697	11:25:09 AM	10.850
5315	19.03	15.03	0.939	4.697	11:25:10 AM	10.850
5316	19.02	15.02	0.939	4.694	11:25:11 AM	10.843
5317	19.02	15.02	0.939	4.694	11:25:12 AM	10.843
5318	19.02	15.02	0.939	4.694	11:25:13 AM	10.843
5319	19.03	15.03	0.939	4.697	11:25:14 AM	10.850
5320	19.02	15.02	0.939	4.694	11:25:15 AM	10.843
5321	19.02	15.02	0.939	4.694	11:25:16 AM	10.843
5322	19.03	15.03	0.939	4.697	11:25:17 AM	10.850
5323	19.03	15.03	0.939	4.697	11:25:18 AM	10.850
5324	19.03	15.03	0.939	4.697	11:25:19 AM	10.850
5325	19.02	15.02	0.939	4.694	11:25:20 AM	10.843
5326	19.02	15.02	0.939	4.694	11:25:21 AM	10.843
5327	19.03	15.03	0.939	4.697	11:25:22 AM	10.850
5328	19.03	15.03	0.939	4.697	11:25:23 AM	10.850
5329	19.03	15.03	0.939	4.697	11:25:24 AM	10.850
5330	19.03	15.03	0.939	4.697	11:25:25 AM	10.850
5331	19.03	15.03	0.939	4.697	11:25:26 AM	10.850
5332	19.03	15.03	0.939	4.697	11:25:27 AM	10.850
5333	19.03	15.03	0.939	4.697	11:25:28 AM	10.850
5334	19.03	15.03	0.939	4.697	11:25:29 AM	10.850
5335	19.02	15.02	0.939	4.694	11:25:30 AM	10.843
5336	19.02	15.02	0.939	4.694	11:25:31 AM	10.843
5337	19.02	15.02	0.939	4.694	11:25:32 AM	10.843
5338	19.03	15.03	0.939	4.697	11:25:33 AM	10.850
5339	19.03	15.03	0.939	4.697	11:25:34 AM	10.850
5340	19.02	15.02	0.939	4.694	11:25:35 AM	10.843
5341	19.03	15.03	0.939	4.697	11:25:36 AM	10.850
5342	19.03	15.03	0.939	4.697	11:25:37 AM	10.850
5343	19.05	15.05	0.941	4.703	11:25:38 AM	10.864
5344	19.03	15.03	0.939	4.697	11:25:39 AM	10.850
5345	19.03	15.03	0.939	4.697	11:25:40 AM	10.850
5346	19.03	15.03	0.939	4.697	11:25:41 AM	10.850
5347	19.03	15.03	0.939	4.697	11:25:42 AM	10.850
5348	19.03	15.03	0.939	4.697	11:25:43 AM	10.850
5349	19.03	15.03	0.939	4.697	11:25:44 AM	10.850
5350	19.03	15.03	0.939	4.697	11:25:45 AM	10.850
5351	19.05	15.05	0.941	4.703	11:25:46 AM	10.864
5352	19.03	15.03	0.939	4.697	11:25:47 AM	10.850
5353	19.03	15.03	0.939	4.697	11:25:48 AM	10.850
5354	19.03	15.03	0.939	4.697	11:25:49 AM	10.850
5355	19.03	15.03	0.939	4.697	11:25:50 AM	10.850
5356	19.03	15.03	0.939	4.697	11:25:51 AM	10.850
5357	19.03	15.03	0.939	4.697	11:25:52 AM	10.850
5358	19.03	15.03	0.939	4.697	11:25:53 AM	10.850
5359	19.05	15.05	0.941	4.703	11:25:54 AM	10.864
5360	19.05	15.05	0.941	4.703	11:25:55 AM	10.864
5361	19.05	15.05	0.941	4.703	11:25:56 AM	10.864
5362	19.04	15.04	0.940	4.700	11:25:57 AM	10.857
5363	19.03	15.03	0.939	4.697	11:25:58 AM	10.850
5364	19.03	15.03	0.939	4.697	11:25:59 AM	10.850
5365	19.03	15.03	0.939	4.697	11:26:00 AM	10.850
5366	19.03	15.03	0.939	4.697	11:26:01 AM	10.850
5367	19.03	15.03	0.939	4.697	11:26:02 AM	10.850
5368	19.03	15.03	0.939	4.697	11:26:03 AM	10.850

5369	19.03	15.03	0.939	4.697	11:26:04 AM	10.850
5370	19.03	15.03	0.939	4.697	11:26:05 AM	10.850
5371	19.03	15.03	0.939	4.697	11:26:06 AM	10.850
5372	19.03	15.03	0.939	4.697	11:26:07 AM	10.850
5373	19.02	15.02	0.939	4.694	11:26:08 AM	10.843
5374	19.03	15.03	0.939	4.697	11:26:09 AM	10.850
5375	19.03	15.03	0.939	4.697	11:26:10 AM	10.850
5376	19.03	15.03	0.939	4.697	11:26:11 AM	10.850
5377	19.03	15.03	0.939	4.697	11:26:12 AM	10.850
5378	19.05	15.05	0.941	4.703	11:26:13 AM	10.864
5379	19.05	15.05	0.941	4.703	11:26:14 AM	10.864
5380	19.05	15.05	0.941	4.703	11:26:15 AM	10.864
5381	19.04	15.04	0.940	4.700	11:26:16 AM	10.857
5382	19.03	15.03	0.939	4.697	11:26:17 AM	10.850
5383	19.03	15.03	0.939	4.697	11:26:18 AM	10.850
5384	19.03	15.03	0.939	4.697	11:26:19 AM	10.850
5385	19.03	15.03	0.939	4.697	11:26:20 AM	10.850
5386	19.03	15.03	0.939	4.697	11:26:21 AM	10.850
5387	19.73	15.73	0.983	4.916	11:26:22 AM	11.355
5388	19.21	15.21	0.951	4.753	11:26:23 AM	10.980
5389	20.13	16.13	1.008	5.041	11:26:24 AM	11.644
5390	19.16	15.16	0.948	4.738	11:26:25 AM	10.944
5391	19.73	15.73	0.983	4.916	11:26:26 AM	11.355
5392	19.94	15.94	0.996	4.981	11:26:27 AM	11.507
5393	19.81	15.81	0.988	4.941	11:26:28 AM	11.413
5394	19.56	15.56	0.973	4.863	11:26:29 AM	11.232
5395	19.51	15.51	0.969	4.847	11:26:30 AM	11.196
5396	19.5	15.5	0.969	4.844	11:26:31 AM	11.189
5397	19.51	15.51	0.969	4.847	11:26:32 AM	11.196
5398	19.5	15.5	0.969	4.844	11:26:33 AM	11.189
5399	19.49	15.49	0.968	4.841	11:26:34 AM	11.182
5400	19.48	15.48	0.968	4.838	11:26:35 AM	11.175
5401	19.46	15.46	0.966	4.831	11:26:36 AM	11.160
5402	19.45	15.45	0.966	4.828	11:26:37 AM	11.153
5403	19.47	15.47	0.967	4.834	11:26:38 AM	11.167
5404	19.45	15.45	0.966	4.828	11:26:39 AM	11.153
5405	19.46	15.46	0.966	4.831	11:26:40 AM	11.160
5406	19.47	15.47	0.967	4.834	11:26:41 AM	11.167
5407	19.45	15.45	0.966	4.828	11:26:42 AM	11.153
5408	19.45	15.45	0.966	4.828	11:26:43 AM	11.153
5409	19.42	15.42	0.964	4.819	11:26:44 AM	11.131
5410	19.42	15.42	0.964	4.819	11:26:45 AM	11.131
5411	19.42	15.42	0.964	4.819	11:26:46 AM	11.131
5412	19.42	15.42	0.964	4.819	11:26:47 AM	11.131
5413	19.42	15.42	0.964	4.819	11:26:48 AM	11.131
5414	19.42	15.42	0.964	4.819	11:26:49 AM	11.131
5415	19.41	15.41	0.963	4.816	11:26:50 AM	11.124
5416	19.45	15.45	0.966	4.828	11:26:51 AM	11.153
5417	19.44	15.44	0.965	4.825	11:26:52 AM	11.146
5418	19.42	15.42	0.964	4.819	11:26:53 AM	11.131
5419	19.4	15.4	0.963	4.813	11:26:54 AM	11.117
5420	19.4	15.4	0.963	4.813	11:26:55 AM	11.117
5421	19.4	15.4	0.963	4.813	11:26:56 AM	11.117
5422	19.4	15.4	0.963	4.813	11:26:57 AM	11.117
5423	19.38	15.38	0.961	4.806	11:26:58 AM	11.102
5424	19.38	15.38	0.961	4.806	11:26:59 AM	11.102
5425	19.38	15.38	0.961	4.806	11:27:00 AM	11.102
5426	19.41	15.41	0.963	4.816	11:27:01 AM	11.124
5427	19.4	15.4	0.963	4.813	11:27:02 AM	11.117
5428	19.38	15.38	0.961	4.806	11:27:03 AM	11.102
5429	19.38	15.38	0.961	4.806	11:27:04 AM	11.102
5430	19.38	15.38	0.961	4.806	11:27:05 AM	11.102
5431	19.38	15.38	0.961	4.806	11:27:06 AM	11.102
5432	19.38	15.38	0.961	4.806	11:27:07 AM	11.102
5433	19.38	15.38	0.961	4.806	11:27:08 AM	11.102
5434	19.37	15.37	0.961	4.803	11:27:09 AM	11.095
5435	19.36	15.36	0.960	4.800	11:27:10 AM	11.088
5436	19.38	15.38	0.961	4.806	11:27:11 AM	11.102
5437	19.38	15.38	0.961	4.806	11:27:12 AM	11.102
5438	19.36	15.36	0.960	4.800	11:27:13 AM	11.088
5439	19.37	15.37	0.961	4.803	11:27:14 AM	11.095
5440	19.36	15.36	0.960	4.800	11:27:15 AM	11.088
5441	19.37	15.37	0.961	4.803	11:27:16 AM	11.095
5442	19.36	15.36	0.960	4.800	11:27:17 AM	11.088
5443	19.36	15.36	0.960	4.800	11:27:18 AM	11.088
5444	19.36	15.36	0.960	4.800	11:27:19 AM	11.088
5445	19.38	15.38	0.961	4.806	11:27:20 AM	11.102
5446	19.37	15.37	0.961	4.803	11:27:21 AM	11.095
5447	19.36	15.36	0.960	4.800	11:27:22 AM	11.088
5448	19.36	15.36	0.960	4.800	11:27:23 AM	11.088
5449	19.34	15.34	0.959	4.794	11:27:24 AM	11.074
5450	19.35	15.35	0.959	4.797	11:27:25 AM	11.081
5451	19.35	15.35	0.959	4.797	11:27:26 AM	11.081
5452	19.35	15.35	0.959	4.797	11:27:27 AM	11.081
5453	19.35	15.35	0.959	4.797	11:27:28 AM	11.081
5454	19.34	15.34	0.959	4.794	11:27:29 AM	11.074
5455	19.36	15.36	0.960	4.800	11:27:30 AM	11.088
5456	19.36	15.36	0.960	4.800	11:27:31 AM	11.088
5457	19.34	15.34	0.959	4.794	11:27:32 AM	11.074
5458	19.34	15.34	0.959	4.794	11:27:33 AM	11.074
5459	19.34	15.34	0.959	4.794	11:27:34 AM	11.074
5460	19.34	15.34	0.959	4.794	11:27:35 AM	11.074
5461	19.34	15.34	0.959	4.794	11:27:36 AM	11.074
5462	19.33	15.33	0.958	4.791	11:27:37 AM	11.066
5463	19.34	15.34	0.959	4.794	11:27:38 AM	11.074
5464	19.35	15.35	0.959	4.797	11:27:39 AM	11.081
5465	19.34	15.34	0.959	4.794	11:27:40 AM	11.074
5466	19.34	15.34	0.959	4.794	11:27:41 AM	11.074
5467	19.34	15.34	0.959	4.794	11:27:42 AM	11.074
5468	19.32	15.32	0.958	4.788	11:27:43 AM	11.059
5469	19.33	15.33	0.958	4.791	11:27:44 AM	11.066
5470	19.33	15.33	0.958	4.791	11:27:45 AM	11.066
5471	19.33	15.33	0.958	4.791	11:27:46 AM	11.066
5472	19.33	15.33	0.958	4.791	11:27:47 AM	11.066
5473	19.32	15.32	0.958	4.788	11:27:48 AM	11.059
5474	19.34	15.34	0.959	4.794	11:27:49 AM	11.074
5475	19.34	15.34	0.959	4.794	11:27:50 AM	11.074
5476	19.34	15.34	0.959	4.794	11:27:51 AM	11.074
5477	19.32	15.32	0.958	4.788	11:27:52 AM	11.059
5478	19.32	15.32	0.958	4.788	11:27:53 AM	11.059
5479	19.32	15.32	0.958	4.788	11:27:54 AM	11.059
5480	19.33	15.33	0.958	4.791	11:27:55 AM	11.066
5481	19.32	15.32	0.958	4.788	11:27:56 AM	11.059
5482	19.32	15.32	0.958	4.788	11:27:57 AM	11.059
5483	19.32	15.32	0.958	4.788	11:27:58 AM	11.059
5484	19.33	15.33	0.958	4.791	11:27:59 AM	11.066
5485	19.33	15.33	0.958	4.791	11:28:00 AM	11.066
5486	19.32	15.32	0.958	4.788	11:28:01 AM	11.059
5487	19.29	15.29	0.956	4.778	11:28:02 AM	11.037
5488	19.3	15.3	0.956	4.781	11:28:03 AM	11.045
5489	19.3	15.3	0.956	4.781	11:28:04 AM	11.045
5490	19.29	15.29	0.956	4.778	11:28:05 AM	11.037
5491	19.29	15.29	0.956	4.778	11:28:06 AM	11.037
5492	19.3	15.3	0.956	4.781	11:28:07 AM	11.045
5493	19.33	15.33	0.958	4.791	11:28:08 AM	11.066
5494	19.32	15.32	0.958	4.788	11:28:09 AM	11.059
5495	19.33	15.33	0.958	4.791	11:28:10 AM	11.066
5496	19.3	15.3	0.956	4.781	11:28:11 AM	11.045
5497	19.29	15.29	0.956	4.778	11:28:12 AM	11.037
5498	19.29	15.29	0.956	4.778	11:28:13 AM	11.037
5499	19.29	15.29	0.956	4.778	11:28:14 AM	11.037
5500	19.3	15.3	0.956	4.781	11:28:15 AM	11.045
5501	19.29	15.29	0.956	4.778	11:28:16 AM	11.037
5502	19.29	15.29	0.956	4.778	11:28:17 AM	11.037
5503	19.32	15.32	0.958	4.788	11:28:18 AM	11.059
5504	19.29	15.29	0.956	4.778	11:28:19 AM	11.037
5505	19.29	15.29	0.956	4.778	11:28:20 AM	11.037
5506	19.29	15.29	0.956	4.778	11:28:21 AM	11.037
5507	19.29	15.29	0.956	4.778	11:28:22 AM	11.037
5508	19.28	15.28	0.955	4.775	11:28:23 AM	11.030
5509	19.29	15.29	0.956	4.778	11:28:24 AM	11.037
5510	19.28	15.28	0.955	4.775	11:28:25 AM	11.030
5511	19.28	15.28	0.955	4.775	11:28:26 AM	11.030
5512	19.32	15.32	0.958	4.788	11:28:27 AM	11.059
5513	19.32	15.32	0.958	4.788	11:28:28 AM	11.059
5514	19.3	15.3	0.956	4.781	11:28:29 AM	11.045
5515	19.28	15.28	0.955	4.775	11:28:30 AM	11.030
5516	19.28	15.28	0.955	4.775	11:28:31 AM	11.030
5517	19.29	15.29	0.956	4.778	11:28:32 AM	11.037
5518	19.28	15.28	0.955	4.775	11:28:33 AM	11.030
5519	19.28	15.28	0.955	4.775	11:28:34 AM	11.030
5520	19.28	15.28	0.955	4.775	11:28:35 AM	11.030
5521	19.28	15.28	0.955	4.775	11:28:36 AM	11.030
5522	19.29	15.29	0.956	4.778	11:28:37 AM	11.037
5523	19.28	15.28	0.955	4.775	11:28:38 AM	11.030
5524	19.29	15.29	0.956	4.778	11:28:39 AM	11.037
5525	19.27	15.27	0.954	4.772	11:28:40 AM	11.023
5526	19.27	15.27	0.954	4.772	11:28:41 AM	11.023
5527	19.28	15.28	0.955	4.775	11:28:42 AM	11.030
5528	19.27	15.27	0.954	4.772	11:28:43 AM	11.023
5529	19.28	15.28	0.955	4.775	11:28:44 AM	11.030
5530	19.28	15.28	0.955	4.775	11:28:45 AM	11.030

5531	19.29	15.29	0.956	4.778	11:28:46 AM	11.037
5532	19.29	15.29	0.956	4.778	11:28:47 AM	11.037
5533	19.29	15.29	0.956	4.778	11:28:48 AM	11.037
5534	19.28	15.28	0.955	4.775	11:28:49 AM	11.030
5535	19.27	15.27	0.954	4.772	11:28:50 AM	11.023
5536	19.28	15.28	0.955	4.775	11:28:51 AM	11.030
5537	19.28	15.28	0.955	4.775	11:28:52 AM	11.030
5538	19.27	15.27	0.954	4.772	11:28:53 AM	11.023
5539	19.28	15.28	0.955	4.775	11:28:54 AM	11.030
5540	19.29	15.29	0.956	4.778	11:28:55 AM	11.037
5541	19.28	15.28	0.955	4.775	11:28:56 AM	11.030
5542	19.28	15.28	0.955	4.775	11:28:57 AM	11.030
5543	19.27	15.27	0.954	4.772	11:28:58 AM	11.023
5544	19.27	15.27	0.954	4.772	11:28:59 AM	11.023
5545	19.27	15.27	0.954	4.772	11:29:00 AM	11.023
5546	19.27	15.27	0.954	4.772	11:29:01 AM	11.023
5547	19.26	15.26	0.954	4.769	11:29:02 AM	11.016
5548	19.27	15.27	0.954	4.772	11:29:03 AM	11.023
5549	19.26	15.26	0.954	4.769	11:29:04 AM	11.016
5550	19.28	15.28	0.955	4.775	11:29:05 AM	11.030
5551	19.28	15.28	0.955	4.775	11:29:06 AM	11.030
5552	19.26	15.26	0.954	4.769	11:29:07 AM	11.016
5553	19.27	15.27	0.954	4.772	11:29:08 AM	11.023
5554	19.26	15.26	0.954	4.769	11:29:09 AM	11.016
5555	19.26	15.26	0.954	4.769	11:29:10 AM	11.016
5556	19.25	15.25	0.953	4.766	11:29:11 AM	11.009
5557	19.26	15.26	0.954	4.769	11:29:12 AM	11.016
5558	19.27	15.27	0.954	4.772	11:29:13 AM	11.023
5559	19.28	15.28	0.955	4.775	11:29:14 AM	11.030
5560	19.27	15.27	0.954	4.772	11:29:15 AM	11.023
5561	19.27	15.27	0.954	4.772	11:29:16 AM	11.023
5562	19.25	15.25	0.953	4.766	11:29:17 AM	11.009
5563	19.25	15.25	0.953	4.766	11:29:18 AM	11.009
5564	19.26	15.26	0.954	4.769	11:29:19 AM	11.016
5565	19.26	15.26	0.954	4.769	11:29:20 AM	11.016
5566	19.26	15.26	0.954	4.769	11:29:21 AM	11.016
5567	19.26	15.26	0.954	4.769	11:29:22 AM	11.016
5568	19.25	15.25	0.953	4.766	11:29:23 AM	11.009
5569	19.28	15.28	0.955	4.775	11:29:24 AM	11.030
5570	19.27	15.27	0.954	4.772	11:29:25 AM	11.023
5571	19.27	15.27	0.954	4.772	11:29:26 AM	11.023
5572	19.25	15.25	0.953	4.766	11:29:27 AM	11.009
5573	19.26	15.26	0.954	4.769	11:29:28 AM	11.016
5574	19.26	15.26	0.954	4.769	11:29:29 AM	11.016
5575	19.25	15.25	0.953	4.766	11:29:30 AM	11.009
5576	19.26	15.26	0.954	4.769	11:29:31 AM	11.016
5577	19.25	15.25	0.953	4.766	11:29:32 AM	11.009
5578	19.25	15.25	0.953	4.766	11:29:33 AM	11.009
5579	19.26	15.26	0.954	4.769	11:29:34 AM	11.016
5580	19.02	15.02	0.939	4.694	11:29:35 AM	10.843
5581	19.51	15.51	0.969	4.847	11:29:36 AM	11.196
5582	17.3	13.3	0.831	4.156	11:29:37 AM	9.601
5583	17.44	13.44	0.840	4.200	11:29:38 AM	9.702
5584	17.54	13.54	0.846	4.231	11:29:39 AM	9.774
5585	17.89	13.89	0.868	4.341	11:29:40 AM	10.027
5586	18.15	14.15	0.884	4.422	11:29:41 AM	10.215
5587	18.32	14.32	0.895	4.475	11:29:42 AM	10.337
5588	18.48	14.48	0.905	4.525	11:29:43 AM	10.453
5589	18.57	14.57	0.911	4.553	11:29:44 AM	10.518
5590	18.64	14.64	0.915	4.575	11:29:45 AM	10.568
5591	18.66	14.66	0.916	4.581	11:29:46 AM	10.583
5592	18.66	14.66	0.916	4.581	11:29:47 AM	10.583
5593	18.68	14.68	0.918	4.588	11:29:48 AM	10.597
5594	18.73	14.73	0.921	4.603	11:29:49 AM	10.633
5595	18.75	14.75	0.922	4.609	11:29:50 AM	10.648
5596	18.77	14.77	0.923	4.616	11:29:51 AM	10.662
5597	18.78	14.78	0.924	4.619	11:29:52 AM	10.669
5598	18.79	14.79	0.924	4.622	11:29:53 AM	10.677
5599	18.8	14.8	0.925	4.625	11:29:54 AM	10.684
5600	18.79	14.79	0.924	4.622	11:29:55 AM	10.677
5601	18.79	14.79	0.924	4.622	11:29:56 AM	10.677
5602	18.81	14.81	0.926	4.628	11:29:57 AM	10.691
5603	18.8	14.8	0.925	4.625	11:29:58 AM	10.684
5604	18.82	14.82	0.926	4.631	11:29:59 AM	10.698
5605	18.81	14.81	0.926	4.628	11:30:00 AM	10.691
5606	18.82	14.82	0.926	4.631	11:30:01 AM	10.698
5607	18.82	14.82	0.926	4.631	11:30:02 AM	10.698
5608	18.82	14.82	0.926	4.631	11:30:03 AM	10.698
5609	18.85	14.85	0.928	4.641	11:30:04 AM	10.720
5610	18.83	14.83	0.927	4.634	11:30:05 AM	10.705
5611	18.85	14.85	0.928	4.641	11:30:06 AM	10.720
5612	18.83	14.83	0.927	4.634	11:30:07 AM	10.705
5613	18.83	14.83	0.927	4.634	11:30:08 AM	10.705
5614	18.85	14.85	0.928	4.641	11:30:09 AM	10.720
5615	18.85	14.85	0.928	4.641	11:30:10 AM	10.720
5616	18.86	14.86	0.929	4.644	11:30:11 AM	10.727
5617	18.86	14.86	0.929	4.644	11:30:12 AM	10.727
5618	18.86	14.86	0.929	4.644	11:30:13 AM	10.727
5619	18.88	14.88	0.930	4.650	11:30:14 AM	10.742
5620	18.88	14.88	0.930	4.650	11:30:15 AM	10.742
5621	18.86	14.86	0.929	4.644	11:30:16 AM	10.727
5622	18.87	14.87	0.929	4.647	11:30:17 AM	10.734
5623	18.86	14.86	0.929	4.644	11:30:18 AM	10.727
5624	18.86	14.86	0.929	4.644	11:30:19 AM	10.727
5625	18.86	14.86	0.929	4.644	11:30:20 AM	10.727
5626	18.88	14.88	0.930	4.650	11:30:21 AM	10.742
5627	18.86	14.86	0.929	4.644	11:30:22 AM	10.727
5628	18.89	14.89	0.931	4.653	11:30:23 AM	10.749
5629	18.9	14.9	0.931	4.656	11:30:24 AM	10.756
5630	18.87	14.87	0.929	4.647	11:30:25 AM	10.734
5631	18.88	14.88	0.930	4.650	11:30:26 AM	10.742
5632	18.89	14.89	0.931	4.653	11:30:27 AM	10.749
5633	18.88	14.88	0.930	4.650	11:30:28 AM	10.742
5634	18.89	14.89	0.931	4.653	11:30:29 AM	10.749
5635	18.89	14.89	0.931	4.653	11:30:30 AM	10.749
5636	18.89	14.89	0.931	4.653	11:30:31 AM	10.749
5637	18.9	14.9	0.931	4.656	11:30:32 AM	10.756
5638	18.91	14.91	0.932	4.659	11:30:33 AM	10.763
5639	18.9	14.9	0.931	4.656	11:30:34 AM	10.756
5640	18.89	14.89	0.931	4.653	11:30:35 AM	10.749
5641	18.89	14.89	0.931	4.653	11:30:36 AM	10.749
5642	18.89	14.89	0.931	4.653	11:30:37 AM	10.749
5643	18.89	14.89	0.931	4.653	11:30:38 AM	10.749
5644	18.9	14.9	0.931	4.656	11:30:39 AM	10.756
5645	18.9	14.9	0.931	4.656	11:30:40 AM	10.756
5646	18.89	14.89	0.931	4.653	11:30:41 AM	10.749
5647	18.92	14.92	0.933	4.663	11:30:42 AM	10.770
5648	18.92	14.92	0.933	4.663	11:30:43 AM	10.770
5649	18.92	14.92	0.933	4.663	11:30:44 AM	10.770
5650	18.91	14.91	0.932	4.659	11:30:45 AM	10.763
5651	18.91	14.91	0.932	4.659	11:30:46 AM	10.763
5652	18.91	14.91	0.932	4.659	11:30:47 AM	10.763
5653	18.9	14.9	0.931	4.656	11:30:48 AM	10.756
5654	18.91	14.91	0.932	4.659	11:30:49 AM	10.763
5655	18.92	14.92	0.933	4.663	11:30:50 AM	10.770
5656	18.91	14.91	0.932	4.659	11:30:51 AM	10.763
5657	18.93	14.93	0.933	4.666	11:30:52 AM	10.778
5658	18.92	14.92	0.933	4.663	11:30:53 AM	10.770
5659	18.9	14.9	0.931	4.656	11:30:54 AM	10.756
5660	18.92	14.92	0.933	4.663	11:30:55 AM	10.770
5661	18.92	14.92	0.933	4.663	11:30:56 AM	10.770
5662	18.93	14.93	0.933	4.666	11:30:57 AM	10.778
5663	18.91	14.91	0.932	4.659	11:30:58 AM	10.763
5664	18.92	14.92	0.933	4.663	11:30:59 AM	10.770
5665	18.91	14.91	0.932	4.659	11:31:00 AM	10.763
5666	18.94	14.94	0.934	4.669	11:31:01 AM	10.785
5667	18.94	14.94	0.934	4.669	11:31:02 AM	10.785
5668	18.94	14.94	0.934	4.669	11:31:03 AM	10.785
5669	18.95	14.95	0.934	4.672	11:31:04 AM	10.792
5670	18.92	14.92	0.933	4.663	11:31:05 AM	10.770
5671	18.92	14.92	0.933	4.663	11:31:06 AM	10.770
5672	18.92	14.92	0.933	4.663	11:31:07 AM	10.770
5673	18.93	14.93	0.933	4.666	11:31:08 AM	10.778
5674	18.93	14.93	0.933	4.666	11:31:09 AM	10.778
5675	18.94	14.94	0.934	4.669	11:31:10 AM	10.785
5676	18.94	14.94	0.934	4.669	11:31:11 AM	10.785
5677	18.94	14.94	0.934	4.669	11:31:12 AM	10.785
5678	18.93	14.93	0.933	4.666	11:31:13 AM	10.778
5679	18.92	14.92	0.933	4.663	11:31:14 AM	10.770
5680	18.93	14.93	0.933	4.666	11:31:15 AM	10.778
5681	18.93	14.93	0.933	4.666	11:31:16 AM	10.778
5682	18.92	14.92	0.933	4.663	11:31:17 AM	10.770
5683	18.93	14.93	0.933	4.666	11:31:18 AM	10.778
5684	18.93	14.93	0.933	4.666	11:31:19 AM	10.778
5685	18.93	14.93	0.933	4.666	11:31:20 AM	10.778
5686	18.97	14.97	0.936	4.678	11:31:21 AM	10.806
5687	18.97	14.97	0.936	4.678	11:31:22 AM	10.806
5688	18.95	14.95	0.934	4.672	11:31:23 AM	10.792
5689	18.94	14.94	0.934	4.669	11:31:24 AM	10.785
5690	18.94	14.94	0.934	4.669	11:31:25 AM	10.785
5691	18.94	14.94	0.934	4.669	11:31:26 AM	10.785
5692	18.94	14.94	0.934	4.669	11:31:27 AM	10.785

5693	18.94	14.94	0.934	4.669	11:31:28 AM	10.785
5694	18.94	14.94	0.934	4.669	11:31:29 AM	10.785
5695	18.94	14.94	0.934	4.669	11:31:30 AM	10.785
5696	18.97	14.97	0.936	4.678	11:31:31 AM	10.806
5697	18.95	14.95	0.934	4.672	11:31:32 AM	10.792
5698	18.94	14.94	0.934	4.669	11:31:33 AM	10.785
5699	18.93	14.93	0.933	4.666	11:31:34 AM	10.778
5700	18.93	14.93	0.933	4.666	11:31:35 AM	10.778
5701	18.95	14.95	0.934	4.672	11:31:36 AM	10.792
5702	18.94	14.94	0.934	4.669	11:31:37 AM	10.785
5703	18.94	14.94	0.934	4.669	11:31:38 AM	10.785
5704	18.94	14.94	0.934	4.669	11:31:39 AM	10.785
5705	18.95	14.95	0.934	4.672	11:31:40 AM	10.792
5706	18.98	14.98	0.936	4.681	11:31:41 AM	10.814
5707	18.98	14.98	0.936	4.681	11:31:42 AM	10.814
5708	18.97	14.97	0.936	4.678	11:31:43 AM	10.806
5709	18.94	14.94	0.934	4.669	11:31:44 AM	10.785
5710	18.95	14.95	0.934	4.672	11:31:45 AM	10.792
5711	18.94	14.94	0.934	4.669	11:31:46 AM	10.785
5712	18.95	14.95	0.934	4.672	11:31:47 AM	10.792
5713	18.95	14.95	0.934	4.672	11:31:48 AM	10.792
5714	18.95	14.95	0.934	4.672	11:31:49 AM	10.792
5715	18.98	14.98	0.936	4.681	11:31:50 AM	10.814
5716	18.97	14.97	0.936	4.678	11:31:51 AM	10.806
5717	18.97	14.97	0.936	4.678	11:31:52 AM	10.806
5718	18.94	14.94	0.934	4.669	11:31:53 AM	10.785
5719	18.97	14.97	0.936	4.678	11:31:54 AM	10.806
5720	18.95	14.95	0.934	4.672	11:31:55 AM	10.792
5721	18.97	14.97	0.936	4.678	11:31:56 AM	10.806
5722	18.97	14.97	0.936	4.678	11:31:57 AM	10.806
5723	18.97	14.97	0.936	4.678	11:31:58 AM	10.806
5724	18.97	14.97	0.936	4.678	11:31:59 AM	10.806
5725	18.95	14.95	0.934	4.672	11:32:00 AM	10.792
5726	18.99	14.99	0.937	4.684	11:32:01 AM	10.821
5727	18.99	14.99	0.937	4.684	11:32:02 AM	10.821
5728	18.97	14.97	0.936	4.678	11:32:03 AM	10.806
5729	18.95	14.95	0.934	4.672	11:32:04 AM	10.792
5730	18.97	14.97	0.936	4.678	11:32:05 AM	10.806
5731	18.97	14.97	0.936	4.678	11:32:06 AM	10.806
5732	18.97	14.97	0.936	4.678	11:32:07 AM	10.806
5733	18.97	14.97	0.936	4.678	11:32:08 AM	10.806
5734	18.97	14.97	0.936	4.678	11:32:09 AM	10.806
5735	18.98	14.98	0.936	4.681	11:32:10 AM	10.814
5736	18.99	14.99	0.937	4.684	11:32:11 AM	10.821
5737	18.98	14.98	0.936	4.681	11:32:12 AM	10.814
5738	18.97	14.97	0.936	4.678	11:32:13 AM	10.806
5739	18.97	14.97	0.936	4.678	11:32:14 AM	10.806
5740	18.97	14.97	0.936	4.678	11:32:15 AM	10.806
5741	18.97	14.97	0.936	4.678	11:32:16 AM	10.806
5742	18.98	14.98	0.936	4.681	11:32:17 AM	10.814
5743	18.99	14.99	0.937	4.684	11:32:18 AM	10.821
5744	18.98	14.98	0.936	4.681	11:32:19 AM	10.814
5745	18.99	14.99	0.937	4.684	11:32:20 AM	10.821
5746	18.99	14.99	0.937	4.684	11:32:21 AM	10.821
5747	18.99	14.99	0.937	4.684	11:32:22 AM	10.821
5748	19.01	15.01	0.938	4.691	11:32:23 AM	10.835
5749	18.98	14.98	0.936	4.681	11:32:24 AM	10.814
5750	18.99	14.99	0.937	4.684	11:32:25 AM	10.821
5751	18.98	14.98	0.936	4.681	11:32:26 AM	10.814
5752	18.98	14.98	0.936	4.681	11:32:27 AM	10.814
5753	18.98	14.98	0.936	4.681	11:32:28 AM	10.814
5754	18.98	14.98	0.936	4.681	11:32:29 AM	10.814
5755	18.98	14.98	0.936	4.681	11:32:30 AM	10.814
5756	18.99	14.99	0.937	4.684	11:32:31 AM	10.821
5757	18.98	14.98	0.936	4.681	11:32:32 AM	10.814
5758	18.99	14.99	0.937	4.684	11:32:33 AM	10.821
5759	18.98	14.98	0.936	4.681	11:32:34 AM	10.814
5760	18.98	14.98	0.936	4.681	11:32:35 AM	10.814
5761	18.98	14.98	0.936	4.681	11:32:36 AM	10.814
5762	18.98	14.98	0.936	4.681	11:32:37 AM	10.814
5763	18.98	14.98	0.936	4.681	11:32:38 AM	10.814
5764	18.98	14.98	0.936	4.681	11:32:39 AM	10.814
5765	18.98	14.98	0.936	4.681	11:32:40 AM	10.814
5766	19	15	0.938	4.688	11:32:41 AM	10.828
5767	19	15	0.938	4.688	11:32:42 AM	10.828
5768	18.98	14.98	0.936	4.681	11:32:43 AM	10.814
5769	18.99	14.99	0.937	4.684	11:32:44 AM	10.821
5770	18.98	14.98	0.936	4.681	11:32:45 AM	10.814
5771	18.98	14.98	0.936	4.681	11:32:46 AM	10.814
5772	18.99	14.99	0.937	4.684	11:32:47 AM	10.821
5773	18.99	14.99	0.937	4.684	11:32:48 AM	10.821
5774	18.99	14.99	0.937	4.684	11:32:49 AM	10.821
5775	19.01	15.01	0.938	4.691	11:32:50 AM	10.835
5776	18.99	14.99	0.937	4.684	11:32:51 AM	10.821
5777	18.99	14.99	0.937	4.684	11:32:52 AM	10.821
5778	18.99	14.99	0.937	4.684	11:32:53 AM	10.821
5779	18.99	14.99	0.937	4.684	11:32:54 AM	10.821
5780	18.98	14.98	0.936	4.681	11:32:55 AM	10.814
5781	18.99	14.99	0.937	4.684	11:32:56 AM	10.821
5782	18.99	14.99	0.937	4.684	11:32:57 AM	10.821
5783	18.99	14.99	0.937	4.684	11:32:58 AM	10.821
5784	18.99	14.99	0.937	4.684	11:32:59 AM	10.821
5785	19.01	15.01	0.938	4.691	11:33:00 AM	10.835
5786	19.01	15.01	0.938	4.691	11:33:01 AM	10.835
5787	19.01	15.01	0.938	4.691	11:33:02 AM	10.835
5788	19.01	15.01	0.938	4.691	11:33:03 AM	10.835
5789	19.01	15.01	0.938	4.691	11:33:04 AM	10.835
5790	19.01	15.01	0.938	4.691	11:33:05 AM	10.835
5791	19.01	15.01	0.938	4.691	11:33:06 AM	10.835
5792	19.01	15.01	0.938	4.691	11:33:07 AM	10.835
5793	19.01	15.01	0.938	4.691	11:33:08 AM	10.835
5794	19.01	15.01	0.938	4.691	11:33:09 AM	10.835
5795	19.01	15.01	0.938	4.691	11:33:10 AM	10.835
5796	19	15	0.938	4.688	11:33:11 AM	10.828
5797	19.01	15.01	0.938	4.691	11:33:12 AM	10.835
5798	19.01	15.01	0.938	4.691	11:33:13 AM	10.835
5799	19.01	15.01	0.938	4.691	11:33:14 AM	10.835
5800	19.01	15.01	0.938	4.691	11:33:15 AM	10.835
5801	19.01	15.01	0.938	4.691	11:33:16 AM	10.835
5802	19.01	15.01	0.938	4.691	11:33:17 AM	10.835
5803	19.01	15.01	0.938	4.691	11:33:18 AM	10.835
5804	19.01	15.01	0.938	4.691	11:33:19 AM	10.835
5805	19.02	15.02	0.939	4.694	11:33:20 AM	10.843
5806	19.01	15.01	0.938	4.691	11:33:21 AM	10.835
5807	19.01	15.01	0.938	4.691	11:33:22 AM	10.835
5808	19.01	15.01	0.938	4.691	11:33:23 AM	10.835
5809	19.02	15.02	0.939	4.694	11:33:24 AM	10.843
5810	19.01	15.01	0.938	4.691	11:33:25 AM	10.835
5811	19.02	15.02	0.939	4.694	11:33:26 AM	10.843
5812	19.02	15.02	0.939	4.694	11:33:27 AM	10.843
5813	19.01	15.01	0.938	4.691	11:33:28 AM	10.835
5814	19.02	15.02	0.939	4.694	11:33:29 AM	10.843
5815	19.02	15.02	0.939	4.694	11:33:30 AM	10.843
5816	19.01	15.01	0.938	4.691	11:33:31 AM	10.835
5817	19.02	15.02	0.939	4.694	11:33:32 AM	10.843
5818	19.02	15.02	0.939	4.694	11:33:33 AM	10.843
5819	19.02	15.02	0.939	4.694	11:33:34 AM	10.843
5820	19.02	15.02	0.939	4.694	11:33:35 AM	10.843
5821	19.01	15.01	0.938	4.691	11:33:36 AM	10.835
5822	19.01	15.01	0.938	4.691	11:33:37 AM	10.835
5823	19.02	15.02	0.939	4.694	11:33:38 AM	10.843
5824	19.02	15.02	0.939	4.694	11:33:39 AM	10.843
5825	19.02	15.02	0.939	4.694	11:33:40 AM	10.843
5826	19.02	15.02	0.939	4.694	11:33:41 AM	10.843
5827	19.02	15.02	0.939	4.694	11:33:42 AM	10.843
5828	19.02	15.02	0.939	4.694	11:33:43 AM	10.843
5829	19.01	15.01	0.938	4.691	11:33:44 AM	10.835
5830	19.01	15.01	0.938	4.691	11:33:45 AM	10.835
5831	19.02	15.02	0.939	4.694	11:33:46 AM	10.843
5832	19.03	15.03	0.939	4.697	11:33:47 AM	10.850
5833	19.03	15.03	0.939	4.697	11:33:48 AM	10.850
5834	19.02	15.02	0.939	4.694	11:33:49 AM	10.843
5835	19.02	15.02	0.939	4.694	11:33:50 AM	10.843
5836	19.03	15.03	0.939	4.697	11:33:51 AM	10.850
5837	19.02	15.02	0.939	4.694	11:33:52 AM	10.843
5838	19.02	15.02	0.939	4.694	11:33:53 AM	10.843
5839	19.02	15.02	0.939	4.694	11:33:54 AM	10.843
5840	19.03	15.03	0.939	4.697	11:33:55 AM	10.850
5841	19.02	15.02	0.939	4.694	11:33:56 AM	10.843
5842	19.02	15.02	0.939	4.694	11:33:57 AM	10.843
5843	0.05	-3.95	(0.247)	(1.234)	11:33:58 AM	(2.851)

APPENDIX VIII

CONTAMINANT MASS BALANCE
&
PLUME VOLUME CALCULATIONS

HYDRAULIC GRADIENT CALCULATIONS

Solid, Liquid, & Vapor Partition
Woven Electronics, Simpsonville SC

Constants	Unit	*function*	PCE
Molecular Weight M_w			165
Dimensionless Henry's Constant H^*		*atm/M basis*	1.080
Bulk Density of Soil P_b	g/cm^3		1.8
Fraction Organic Carbon, f_{oc}	%		1.50%
Carbon Partition Coefficient, K_{oc}	mL/g		343
Soil Porosity	%		30%
Moisture Saturation	%		100%
Air filled Porosity	%		0%
Vapor Phase			
Contaminant Vapor Concentration, *G*	ppmV	*=G*M_w/24.05*	7.87
	mg/m^3	*=C*H**	54.000
	mg/L		0.054
	lb/ft^3		3.4E-06
Volume of Air	m^3		0%
Contaminant Mass in Vapor	mg per m^3 soil		0.00
Aqueous Phase			
Contaminant Liquid Concentration, *C*	mg/m^3	*=G/H**	50.0
Groundwater Concentration, C	mg/L		0.05
Liquid Volume	m^3		0.30
Contaminant Mass in Groundwater	mg per m^3 soil		15.0
Solid Phase			
Soil Partition Coefficient, K_p	mL/g or L/kg	*=f_{oc} *K_{oc}*	5.15
Soil Concentration, *X*	mg/kg	*=K_p *C*	0.26
Bulk Density Conversion	kg/m^3	*=Pb*1x10^6 cm^3 /m^3 /1000g/kg*	1800
Sorbed Contaminant Mass in Soil	mg per m^3 soil		463
Total Mass	kg per m^3		0.0005
	kg per yd^3		0.0004
	lb per m^3		0.0011
	lb per yd^3		0.0008
	lb per ft^3		0.000030
	mg per ft^3		13.54
Plume Dimensions			PCE
Length	ft		850
Width	ft		280
Thickness	ft		30
Total Volume	ft^3		7,140,000
	m^3		202,062
Pore Volume	ft^3		2,142,000
	gal		16,022,160
Mass of Soil	tons		396,667
Contaminant Mass in Water	mg		3.0E+06
	lbs		*6.7E+00*

Vertical Gradient Calculation

Project/Client: BEA 414-26 Woven Electronics
Well Pair: MW-4/MW-11D
Date: 1/3/2013
By: RW

	MW-4	MW-11D
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	95.71	95.76
Depth to the bottom of the bentonite seal:	15.58	68.22
Elevation of the bottom of the bentonite seal (E1):	80.13	27.54
Depth to the bottom of the well screen:	45.58	73.22
Elevation of the bottom of the well screen (E2):	50.13	22.54
Water table elevation (E3):	72.81	71.67

	Shallow Well	**Deep Well**
E1 or E3	80.13	27.54
E2	50.13	22.54
E3	72.81	71.67

E1 = Elevation of the bottom of the bentonite seal

E2 = Elevation of the bottom of the well screen

E3 = Water table elevation

Vertical Gradient	**0.02844**

A positive vertical gradient indicates upward flow

Vertical Gradient Calculation

Project/Client: BEA 414-26 Woven Electronics
Well Pair: MW-4/MW-11D
Date: 5/28/2014
By: RW

	MW-4	MW-11D
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	95.71	95.76
Depth to the bottom of the bentonite seal:	15.58	68.22
Elevation of the bottom of the bentonite seal (E1):	80.13	27.54
Depth to the bottom of the well screen:	45.58	73.22
Elevation of the bottom of the well screen (E2):	50.13	22.54
Water table elevation (E3):	68.70	68.68

	Shallow Well	**Deep Well**
E1 or E3	80.13	27.54
E2	50.13	22.54
E3	68.70	68.68

E1 = Elevation of the bottom of the bentonite seal

E2 = Elevation of the bottom of the well screen

E3 = Water table elevation

Vertical Gradient **0.00050**

A positive vertical gradient indicates upward flow

Horizontal Gradient Calculation

Project/Client: BEA 414-26 Woven Electronics
Well Pair: MW-10/MW-6
Date: 5/28/2014
By: RW

	MW-10	MW-6
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	106.19	96.38
Groundwater Elevation:	88.14	76.77
Head Difference (ft)	11.37	
Distance between well pair (ft)	365.00	
Horizontal Gradient	**0.03115**	
Estimated travel time (feet/year)	**190**	

K=5 ft/day, effective porosity=30%)

	MW-12	MW-9
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	106.37	76.25
Groundwater Elevation:	94.11	65.83
Head Difference (ft)	28.28	
Distance between well pair (ft)	1035.00	
Horizontal Gradient	**0.02732**	
Estimated travel time (feet/year)	**166**	

K=5 ft/day, effective porosity=30%)

	MW-4	MW-6
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	95.71	76.25
Groundwater Elevation:	81.80	65.83
Head Difference (ft)	15.97	
Distance between well pair (ft)	159.00	
Horizontal Gradient	**0.10044**	
Estimated travel time (feet/year)	**611**	

K=5 ft/day, effective porosity=30%)

Horizontal Gradient Calculation

Project/Client: BEA 414-26 Woven Electronics
Well Pair: MW-10/MW-6
Date: 1/3/2013
By: RW

	MW-10	MW-6
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	106.19	96.38
Groundwater Elevation:	78.62	66.63
Head Difference (ft)	11.99	
Distance between well pair (ft)	365.00	
Horizontal Gradient	**0.03285**	
Estimated travel time (feet/year)	**200**	

K=5 ft/day, effective porosity=30%)

	MW-12	MW-9
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	106.37	76.25
Groundwater Elevation:	82.62	61.17
Head Difference (ft)	21.45	
Distance between well pair (ft)	1035.00	
Horizontal Gradient	**0.02072**	
Estimated travel time (feet/year)	**126**	

K=5 ft/day, effective porosity=30%)

	MW-4	MW-6
Data Inputs	**Shallow Well**	**Deep Well**
Well Casing Elevation:	95.71	76.25
Groundwater Elevation:	72.81	66.63
Head Difference (ft)	6.18	
Distance between well pair (ft)	159.00	
Horizontal Gradient	**0.03887**	
Estimated travel time (feet/year)	**236**	

K=5 ft/day, effective porosity=30%)