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Ms. Algeana Stevenson
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Subject:
2nd Revision of Preliminary Vapor Intrusion (VI) Evaluation and Proposed Soil Gas Investigation for HAA-15 (MCA Barracks Site) at Hunter Army Airfield, Savannah, Georgia

Environmental

Dear Ms. Stevenson:

Date:
September 9, 2016

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Our ref:
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INTRODUCTION

The PIKA International, Inc. (PIKA) - ARCADIS U.S., Inc. (ARCADIS) Joint Venture (the JV) has been retained by the United States Army Environmental Command (USAEC) to perform investigation and remediation activities in support of the Environmental Restoration Program at Hunter Army Airfield (HAAF). HAAF is located in Chatham County, in the southwestern portion of Savannah, Georgia. The JV's work at HAAF is being conducted as part of performance based contract W9124J-13-D-0009 Task Order 0004.

ARCADIS has conducted remedial investigations at HAA-15 since 2009. The monitor wells at the site were most recently sampled in December 2014. The most recent and the historical groundwater data were evaluated and a preliminary assessment of vapor intrusion risk (VI) has been performed, as discussed in our meeting on March 26, 2015. Based on this preliminary assessment of VI risk, an investigation of soil gas proximate to buildings in the areas with the highest concentrations in shallow groundwater is recommended to supplement current groundwater data in evaluating potential receptors and prior to finalizing the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Remedial Investigation (RI)/ Feasibility Study (FS) Report. The VI evaluation using soil gas sampling will be completed in accordance with United States Environmental Protection Agency (USEPA) guidelines. Results of the soil gas sampling will be provided in a summary table as soon as the data are available and the complete VI evaluation will be subsequently incorporated into the CERCLA RI/FS report.

DOCUMENT 20

In addition to data gathered during the soil gas investigation, the VI evaluation will consider multiple lines of evidence to characterize and evaluate the VI pathway including: lithology and depth to groundwater; building construction; site infrastructure that may provide preferential pathways; VOC distribution, magnitude and chemical/physical parameters; and types and duration of activities on site.

CONCEPTUAL SITE MODEL

The conceptual site model for HAA-15 addresses the potential sources and distribution of trichloroethene (TCE) groundwater impacts, the influence of the geological setting on the migration of TCE, and potential migration and exposure pathways. The HAA-15 layout with building identification numbers are presented on **Figure 1**. The TCE concentrations in the shallow zone of the upper aquifer, which are applicable to this VI evaluation, are presented on **Figure 2**. Groundwater potentiometric contour lines and flow directions for the shallow zone of the upper aquifer are shown on both **Figure 1** and **Figure 2**. Historical groundwater elevations are included in **Table 1**. VOC concentrations in the shallow zone and the deep zone of the upper aquifer from 2014 are included in **Table 2** and **Table 3** respectively. Historical VOC concentrations in groundwater are included in **Table 4**.

VOC Sources and Distribution

Two source areas for TCE groundwater impacts at the HAA-15 site have been identified: Hangar T-811 area and the former Industrial Wastewater Treatment Plant (IWTP)/washracks area. The data confirm that the primary TCE source is located proximate to Hangar T-811. The highest groundwater and saturated soil TCE concentrations were detected in the DPT points and monitor wells across Lightning Drive from Hangar T-811. These concentrations in saturated soil and groundwater are indicative of dense non-aqueous phase liquid (DNAPL) source mass. Based on TCE impacts directly across Lightning Drive, sufficient TCE mass was released over time to migrate to the deep interval of the upper aquifer.

Soil samples in and beside Hangar T-811 did not contain TCE at comparable concentrations and a significant source below or directly around Hangar T-811 was not located. Hangar T-811 was constructed in late 1940 and early 1941. Historically, TCE used at Hangar T-811 was discharged to a grease trap in front of Hangar T-811. It is not known when the grease trap was originally placed in operation. The grease trap was disconnected, cleaned, and partially removed in 2007. TCE impacts were detected around the grease trap prior to removal but not at concentrations indicative of a source. Other samples under the footprint of the former grease trap location also did not reveal any significant TCE concentrations. There were no significant detections of VOCs in soil above the water table at any location at the site.

TCE concentrations in the shallow zone of the upper aquifer are lower than those in the deeper zone of the upper aquifer. The downward migration route for the movement of TCE was not detected during investigation efforts. The trichloroethylene concentrations in the shallow zone of the upper aquifer are presented on **Figure 2**. TCE concentrations along geologic cross-sections A-A' and B-B' are shown on **Figure 3** and **Figure 4** respectively.

Source migration from the Hangar T-811 area appears to be following a preferential migration pathway and the highest concentrations of TCE currently occur in a narrow corridor in the deep zone of the upper aquifer to approximately 600 feet downgradient from the suspected source area. The geometry of the plume and the groundwater flow direction also corroborate that the primary source of the TCE impacts is associated with the area north of Hangar T-811. The down and side gradient extents have been delineated and low concentrations of TCE have been determined to have migrated approximately 1,600 feet downgradient from the source mass identified in the Hangar T-811 area.

Vertical delineation in the source area indicated that the impacts are predominantly held up in the interbedded clays between 35 and 50 feet below ground surface (bgs). The TCE mass is located predominantly in this deeper zone of the upper aquifer from 35 to 50 feet bgs. Significantly lower concentrations (1 to 2 orders of magnitude) were detected in the shallow zone of the upper aquifer.

These interbedded clays in the deeper interval of the upper aquifer and the clay of the upper Hawthorne confining unit have effectively prevented any significant vertical migration beyond 50 feet bgs. **Figure 3** and **Figure 4** show the lithological cross-sections compiled from historical soil boring/monitoring well locations. The two potable wells in the area have open intervals below the Hawthorne confining unit in the upper Floridan Aquifer and are not at risk from the impacts at this site.

Concentrations indicative of a second source of TCE impacts were detected at one location in the area of the wash rack and former IWTP near Building 850, which was built circa 1953. The dates of construction for the wash rack and former IWTP could not be determined. The soil sample, collected at location H15-SB25, contained 1.3 mg/kg TCE at 42-44 feet bgs. A groundwater sample collected at monitor well H15-MW-01C, installed in the same location, contained 2.8 mg/L of TCE. Based on the groundwater flow direction and storm sewer routes, this impact appears to be a separate source. Surface water flow directions and storm water drainage system are shown on **Figure 5**. Concentrations indicative of source mass were not detected in the intervals above 40 feet bgs. TCE concentrations in monitor wells downgradient of this source area are minimal and the residual source mass may have attenuated since the original release.

Additional chloroethene COCs at the site are cis-1,2- Dichloroethene (cis-DCE) and vinyl chloride (VC), which are generally indicative of degradation of the original TCE impacts. There are many potential biological and abiotic reactions that may degrade TCE in the subsurface, under both aerobic and anaerobic conditions. At this site, dissolved oxygen concentrations consistently at or below 0.5 mg/L and oxidation reduction potentials consistently below -100 mV indicate that the aquifer across the site is anaerobic and reductive and that anaerobic dechlorination processes are resulting in the degradation of the TCE and generation of the cis-DCE and VC.

In the plume emanating from Hangar T-811, a high percentage of the CVOCs in side and down-gradient wells are cis-DCE, a degradation product of TCE. This contrasts with the higher percentage of TCE found in source area wells. Anaerobic dechlorination of TCE depends on

many factors including anaerobic conditions, presence of fermentable substrates, and appropriate microbial populations. There is likely insufficient substrate in the source areas for the high TCE concentrations. In the plume associated with the former IWTP and washracks, the magnitude of impacts is much less and a higher percentage of the CVOCs in all monitor wells is cis-DCE. The source and peripheral impacts are attenuating sufficiently to prevent significant downgradient impacts. Very little VC, a dechlorination product of cis-DCE, has been detected at the site.

The distance of impacts from the suspected source location is about 1,600 feet in the Hangar T-811 area. However, due to the range of possible groundwater velocities determined with slug tests, an estimate of impact timeframe is difficult. As previously noted, the source and peripheral impacts in the wash rack and former IWTP area are apparently attenuating sufficiently to prevent significant downgradient impacts.

Site-Specific Geology and Hydrogeology

Geologic conditions

During the remedial investigations, Arcadis compiled soil boring installation logs from historical and recent soil borings and monitoring wells installed at HAA-15. **Figure 3** and **Figure 4** are cross-sections compiled from historical soil boring/monitoring well locations. **Figure 3** (A-A') traverses the southern portion of the site and runs from monitor well pair HGL-9B/C to monitor well pair HGL-5B/C. **Figure 4** (B-B') runs north to south generally through the center of the major lobe of the TCE-impacted groundwater plume. In addition, soil collected during the vertical delineation efforts completed by ARCADIS was submitted for sieve analysis. Results of the sieve analysis show a substantial proportion of fines below 50 feet bgs. The proportion of fines increases with depth as the Hawthorne confining unit is encountered. Overall, both cross-sections, which include existing and newly-installed boring locations, provide further evidence of a depositional environment of a lagoon and/or marsh behind a barrier island up to a beach with the regional confining unit at the base of the upper aquifer representative of marine sediments.

Geology within the impacted zone consists of unconsolidated sedimentary deposits. Investigation borings performed at the site indicate that the geology is characterized by horizontal to sub-horizontal interbedded fine sands and silty fine sands. These deposits are not expected to contain preferential pathways such as fractures, coarse-grained channels, or solution channels.

Hydrogeologic conditions

Monitoring well gauging data was used to establish groundwater elevations and flow directions in the shallow and deep portions of the upper aquifer. Arcadis collected water level data and stratigraphic data to supplement the data gathered during the February 2010, September 2011 and December 2014 groundwater sampling events. Upper aquifer groundwater in the source area proximate to Building T-811 (former Hangar 811) flows towards the north-northwest away from the runway complex. Shallow upper aquifer groundwater potentiometric flow contours are shown on **Figure 1** and **Figure 2**. The average shallow zone gradient was calculated to be 0.0085 feet per foot. Deep zone upper aquifer groundwater flow in the same area is also

generally to the north-northwest at an average gradient calculated to be 0.012. However, in the southeastern portion of the site proximate to Buildings 865 and 850, both shallow and deep upper aquifer groundwater flow is to the northeast.

Slug tests conducted during the 2005-2006 investigations resulted in calculated hydraulic conductivities at HAA-15 varying from 0.76 feet/day to 17 feet/day (HGL 2007). Widely varying hydraulic conductivities in sediments are typical in back barrier sequences and represent the variation from low energy marsh deposits of clays and silts to high energy tidal channel deposits of well sorted sands.

The observed depth to groundwater in the upper aquifer in February 2010 ranged from 2 feet to 9 feet across the site. In September 2011, the groundwater levels had decreased by approximately 2 feet and the depth to groundwater in the upper aquifer ranged from 4 to 13 feet. In December 2014, the groundwater levels had increased and depth to groundwater ranged from 3 feet to 10 feet in the upper aquifer.

The man-made pond and canals at the site appear to be discharge boundaries for the shallow groundwater. It appears Pond #29 is having a minimal effect on flow direction, although it is believed to be a discharge point for shallow groundwater and representative of the shallow groundwater level when groundwater levels are high. One of the major water ways on the site, Lamar Canal is located to the northwest.

Groundwater flow within the shallow wells in the uppermost aquifer (i.e. to depths of between 20 and 25 feet bgs) exists under unconfined conditions. The geologic cross-sections (**Figure 3** and **Figure 4**) show a homogeneous sand unit at the surface that extends from land surface at the runway to about 10 to 20 feet bgs. The massive fine grained sand unit at the top of the sequence is part of the former beach. A series of silty clay units interbedded with fine sand units and silt units underlies the sand unit. These units are interpreted as marsh and bay or lagoon deposits behind the Pamlico barrier. Individual clay units are often laterally extensive in the marsh behind the barrier.

A persistent clay unit in some areas of the site divides the upper aquifer system into two zones. Significant downward vertical hydraulic gradients at some well locations across the site suggest semi-confined to confined conditions in the uppermost aquifer system. **Table 1** provides a summary of groundwater elevations measured on February 1, 2010, September 8, 2011 and December 2014. Historically, differences in hydraulic heads between the shallow (B) and deep (C) zones of the upper aquifer have ranged between one and six feet downward. As illustrated in the cross-section on **Figure 3** and **Figure 4**, the laterally extensive clayey silt unit separates the shallower well HGL-8B from the deeper well HGL-8C. The downward gradients at the referenced well pairs suggest that the aquifers are separated at most well pairs by the clayey silt unit, which acts as a semi-confining unit. The two aquifers are termed the “Shallow” and “Deep” zones of the upper surficial aquifer system. Water elevations show minor vertical head differences at the runways to the east and at the property boundary to the west, which suggests the two units of the split upper aquifer system may be limited in extent and that these are the areas of the relict beach and shoreface consisting mainly of sands with little to no silts and clays.

Data from the vertical delineation show large vertical head differences between the deep zone of the upper aquifer (35-45 feet bgs) and the vertical delineation wells installed into the Hawthorne confining unit (120-125 feet bgs). The head differences at the locations of the two vertical delineation wells were 15.20 and 12.25 feet.

Land Use and Potential Receptors

HAA-15 houses multiple administrative and industrial facilities and barracks. Military and civilian workers are present at the site during the work week. The barracks provide housing to transient military personnel. Family housing is not provided at HAA-15. Like many military bases, access to the site is restricted. Additionally, it is unlikely that the site will be used for permanent, residential housing. HAA has a master plan (U.S. Army 2006) and it indicates that the nearest family housing is one mile to the southeast of HAA-15.

Building Construction Relative to Vapor Intrusion

Volatile organic compound (VOC) groundwater impacts associated with HAA-15 extend beneath multiple currently or potentially inhabited buildings. A survey was conducted to assess potential preferential vapor transport pathways for these buildings. Identification numbers for buildings within the impacted area were confirmed on-site during December 2011. Subsequently, building construction drawings were reviewed on site on January 3, 2012. Copies were obtained at that time for further review as the evaluation progresses.

Anthropogenic pathways that could facilitate lateral migration of VOC vapors primarily consist of trenches created as utility conduits. Utility conduits are also the most likely potential means for VOC vapors to vertically infiltrate buildings from below. Review of structural drawings confirmed that the buildings in the area are constructed with concrete slab floors and most were constructed with sub-slab vapor barriers. Structural drawings indicate that slab utility penetrations, such as those created for plumbing and heating, ventilation, and cooling (HVAC) were typically installed with joint fillers, sealants, or grout in conduit openings. The concrete slab floors combined with sealed utility penetration points likely prevent the occurrence of preferential pathways with high gas permeability and sufficient volume to permit significant vapor intrusion in buildings at the site. A summary of building construction details relative to vapor intrusion evaluation is included in **Table 5**. Locations of buildings and building numbers are shown on **Figure 1**.

SUMMARY OF VI ANALYSIS TO DATE

The TCE mass is located predominantly in the deeper zone of the upper aquifer from 35 to 50 feet below ground surface (bgs). Significantly lower concentrations (1 to 2 orders of magnitude) were detected in the shallow zone of the upper aquifer (water table to 35 feet bgs). The concentrations in the shallow zone of the upper aquifer are the driver for vapor intrusion risk. Most of the constituent of concern mass in this zone is TCE. The maximum TCE concentration detected in this zone in December 2014 was 190 micrograms per liter (μg/L). DCE was detected at 98 μg/L but is not considered a significant risk driver for VI potential due to a lack of toxicity information. VC was detected at a maximum concentration of 1.9 μg/L. However, it was evaluated further because of

VC's low threshold limits for VI. It should be noted that the maximum VC concentration is below the USEPA Vapor Intrusion Screening Level (VISL) for commercial workers. The highest concentrations of TCE in shallow groundwater are proximate to Buildings 306, 316 and 328.

The VI exposure pathway was evaluated using available soil data and recent groundwater data (December 2014). The USEPA (2004) advanced level Johnson and Ettinger model for VI was used to evaluate potential exposure of a site worker and hypothetical future resident. The maximum detected constituent concentration in a given medium was used in the calculations. Other modifications to the model included the use of an air exchange rate of 0.48 exchanges per hour for the site worker and the default air exchange rate for the resident, depth to groundwater of 8 feet, an average groundwater temperature of 19.5^{o}C, and a soil type of sand.

The initial VI evaluation was conducted in 2011 and included in the HAA-15 CSR Revision 1 document (Arcadis 2011). Therefore, the physical and chemical property and toxicity values date from that time period. The tables generated from the spreadsheets are provided in **Attachment 1** to this letter. **Tables 1** through **4** correspond to the adult resident soil VI evaluation. **Tables 5** through **8** provide the input, supporting information, and results for the site worker soil VI evaluation. **Tables 9** through **12** and **Tables 13** through **16** provide the backup for the adult resident and site worker groundwater VI evaluations. The results of the initial VI risk evaluation were the following:

Soil:

- Adult resident: Excess lifetime cancer risk (ELCR) = 7×10^{-6} and a noncancer hazard index (HI) = 0.7.
- Site Worker: ELCR = 1×10^{-6} and a HI = 0.1.

Groundwater:

- Adult resident: ELCR = 2×10^{-5} and a noncancer HI = 5.
- Site Worker: ELCR = 3×10^{-6} and a noncancer HI = 0.8.

The calculated risks were within the USEPA target risk range of 1×10^{-6} to 1×10^{-4}. The calculated HI was less than the benchmark of 1 except for the adult resident inhaling vapors migrating from groundwater. TCE was the risk driver and vinyl chloride the only other constituent in groundwater with calculated risks above the benchmarks.

Since the initial VI evaluations, the Georgia Environmental Protection Division (GAEPD) now recommends use of the USEPA VISL calculator to evaluate the VI pathway. The evaluation that was conducted using the VISL calculator together with the earlier VI evaluation were included to provide supporting documentation to demonstrate why a soil gas investigation would be beneficial for the HAA-15. The following table presents the maximum detected concentrations and the results from the VISL calculator using the 2010 (**Table 17** for Residential and **Table 18** for Worker) and 2014 (**Table 19** for Residential and **Table 20** for Worker) groundwater concentrations.

Constituent	Maximum Detected Concentration (µg/L)		Calculated Residential Risk/Hazard		Calculated Worker Risk/Hazard	
	2010	2014	2010	2014	2010	2014
TCE	68	190	4×10^{-5}/10	1×10^{-4}/30	7×10^{-6}/2	2×10^{-5}/7
Vinyl chloride	1.0	1.9	6×10^{-6}/0.009	1×10^{-5}/0.02	4×10^{-7}/0.002	7×10^{-7}/0.004

The VI risk and hazard from exposure to the maximum detected TCE concentration has increased between 2010 and 2014. However, if the 95% upper confidence level (UCL) TCE groundwater concentration is used in the calculation, then the overall risks and hazard decrease. Nonetheless, as seen in the table above, the calculated ELCRs are all within the USEPA target risk range of 1×10^{-6} to 1×10^{-4}. The hypothetical residential and worker hazard quotient for TCE are above the benchmark of 1, indicating the potential for adverse health effects. Based on the results of the screening level VI evaluation, it is recommended that soil gas sampling be conducted to refine the modeling results.

SOIL GAS SAMPLING STRATEGY

The supplemental investigation will include collection of soil gas samples to assess current conditions relative to VI potential. The soil gas sampling will be conducted using a probe rod driven to the target depth, collection of soil gas thru the rod while it is in the ground and subsequent removal of the rod.

Samples will be collected as close to buildings as possible and near locations with the highest vadose zone or shallow groundwater concentrations (Reference: Tri-Services Handbook for the Assessment of the VI Pathway Rev. 4.0, 2/15/2008). There are no significant vadose zone impacts at this site. Therefore, locations within the footprint of the highest TCE concentrations in shallow groundwater are proposed for soil gas sampling. Four locations (**Figure 2**) were selected proximate to buildings in the plume footprint. The areas around the buildings are covered by grass and sidewalks and the temporary soil gas monitoring points will be installed in grass covered areas. Three of the proposed soil gas sampling locations will be as close to the proximate building as possible and will be a maximum of 15 feet from the building wall. A fourth soil gas sampling point will be located between Building 328 and monitor well HGL-7B, which contains the highest TCE concentrations in the shallow zone.

The depth to water in the area ranges from 7 to 12 feet bgs in the target area. The sample interval will be 5 to 6 feet bgs to ensure the sample is taken sufficiently above the water table and

is at a depth adequate to minimize the potential for infiltration of atmospheric air. The geology at the site is fine sand with silt and does not indicate the presence of any significant confining layers at sampling depth that would affect sample quality.

Temporary Point Installation

Soil gas samples will be collected using temporary implants installed with a Geoprobe® soil gas collection system or equivalent. The installation will be conducted in accordance with USEPA Region 4 Field Sampling Procedure, Soil Gas Sampling, SESDPROC-307-R3; Arcadis **Standard Operating Procedure (SOP) 826199** (**Attachment 2**); and the following requirements and notes. In case of conflicting requirements between the referenced procedures or this Work Plan, USEPA Region 4 Field Sampling Procedure, Soil Gas Sampling, SESDPROC-307-R3 will take precedence.

- Prior to installing each soil gas sample point, buried utilities will be assessed and marked on the ground at the proposed location.

- The field crew will decontaminate the steel rods and any other reusable field equipment in contact with the subsurface prior to commencing the work and between sampling locations. In accordance with USEPA Region 4 Field Sampling Procedure, Soil Gas Sampling, SESDPROC-307-R3, an equipment rinsate sample will be taken to document that contaminants were not introduced into the sample by decontaminated equipment.

- The temporary soil gas sampling point will be advanced using a series of hollow steel rods connected by flush threaded couplings. A single-use steel tip will be connected to the bottom of the lower rod and secured with a rubber o-ring. The field crew will use either a small Geoprobe® rig or a portable slide hammer to advance the steel rods into the subsurface to the targeted soil gas sampling depth (5 to 6 feet bgs). The rods will be retracted about 6-inches to release the disposable steel tip and create a soil gas sampling interval at the base of the rods.

- Dedicated ¼-inch outer diameter Teflon® tubing will be lowered into the hollow rods to allow purge and soil gas sample collection. The tubing will be connected to the lower end of the rod train using a Geoprobe® post-run tubing (PRT) system or equivalent consisting of a threaded tip and o-ring designed to prevent infiltration of ambient air into the soil gas sample.

- The annular space between the borehole and rod train will be sealed at ground surface using bentonite to prevent short-circuiting of ambient air to the soil gas sampling interval. In accordance with USEPA Region 4 Field Sampling Procedure, Soil Gas Sampling, SESDPROC-307-R3, a small depression will be excavated around the rods after driving the distance of the intended open interval. The depression will be filled with bentonite crumbles (not pellets) and hydrated with tap water to ensure sealing at the ground surface.

- The top of the Teflon® tubing will be connected to a Swagelok®-type stainless steel valve using Swagelok®-type, stainless steel nuts and ferules or equivalent.

Soil Gas Sample Collection

Soil gas samples will be collected from the temporary points following installation and integrity

testing. Integrity testing will be conducted with helium in accordance with **SOP Best Practice: Helium Leak Testing for Sub-slab or Soil Gas Sampling** (**Attachment 3**). Sampling will be conducted in accordance with **SOP 826199** (**Attachment 2**) and the following requirements and notes.

- Each point will be purged of one to two internal Teflon® tubing volumes using a portable pump (each foot of ¼-inch diameter Teflon® tubing below or above ground is equivalent to a volume of about 10 milliliter).

- During purging, the vacuum will be monitored using a micromanometer to verify that the vacuum does not exceed 10 inches of water column (in. H_20).

- Following the purge, the monitoring point tubing will be connected to a 1-liter, stainless steel, Summa canister connected to a flow controller.

- Sampling will be initiated by opening the Swagelok® and canister valves, recording initial vacuum displayed by the flow controller gauge, and verifying that this initial vacuum is no less than 25 inches of mercury (in. Hg).

- Sampling will be stopped (the valves closed and the canister disconnected) after the target sampling time interval of 60 minutes once the vacuum reaches about 5 in. Hg.

- The sampler will record sample name, initial and final vacuums, initial and final sampling times, canister and flow controller serial numbers, and other pertinent information on the field sampling summary and laboratory chain-of-custody forms.

- Following canister sample collection, a volume of soil gas will be collected in a 1-liter Tedlar® bag using a peristaltic pump. The Tedlar® bag will be screened for the potential presence of VOCs using a photoionization detector equipped with a 10.6 electronvolt lamp and calibrated to 100 parts per million by volume isobutylene standard. Screening will be conducted in accordance with **SOP 1763199: Photoionization Detector Air Monitoring and Field Screening** (**Attachment 4**).

- The Teflon® tubing will be pulled from the rod train and disposed of. The rods will be retrieved from the ground. The PRT adapter (which remains threaded in place) will be inspected to verify that it was correctly threaded and that a proper seal was achieved during sampling. Reusable parts, such as the steel rods and PRT adapter, will be decontaminated between consecutive uses.

- Following rod train retrieval, the hole will be backfilled with bentonite chips.

Sample Analysis

Following sample collection, the canisters will be submitted to a Georgia approved analytical laboratory to undergo analysis by gas chromatography/mass spectrometry based on USEPA Method TO-15. The target compound list will consist of TCE and VC, the two compounds driving VI risk at the site. The canisters and controllers will be individually certified clean for the list of target compounds.

Quality Control Sampling

Quality control samples will include one duplicate soil gas sample and one equipment blank. The duplicate soil gas sample will be collected at one of the proposed sampling locations using two Summa canisters and flow controllers connected in parallel with a Swagelok®-type, stainless steel tee fitting.

The equipment blank will be collected by filling a pre-evacuated, 1-liter, certified clean canister with ultra-high purity compressed nitrogen supplied by the analytical laboratory in a 6-liter pressurized canister. The 1-liter canister will be equipped with a flow controller and connected to the nitrogen canister using Teflon® tubing. The quality control samples will be analyzed for the target compounds listed above.

SCHEDULE

The supplemental investigation is tentatively scheduled for May 2016 pending GAEPD approval. All of the field activities and data collected will be in accordance with the PIKA-ARCADIS JV Quality Assurance Project Plan. Following completion of the supplemental investigation, a CERCLA RI/FS report will be prepared for the site to summarize the new and historical data, and evaluate potential remedial options.

Should you have any questions regarding the proposed supplemental investigation activities, please contact us at your convenience at (919) 415-2256.

Sincerely,

ARCADIS US, Inc.

Shelley Gibbons
Project Manager

Copies:
Mr. Zsolt Haverland, USACE (1 hard copy, 2 electronic copies)
Mr. Brent Rabon, USAEC (1 electronic copy)
File

Attachments:

Tables

Table 1: Groundwater Elevation Table

Table 2: 2014 Groundwater Analytical Results – Shallow Zone of Upper Aquifer

Table 3: 2014 Groundwater Analytical Results – Deep Zone of Upper Aquifer

Table 4: Historical Groundwater Analytical Summary

Table 5: Building Construction for Vapor Intrusion Evaluation

Figures

Figure 1: Building Location Map

Figure 2: Shallow Zone of Upper Aquifer (0-30 ft bgs) Trichloroethene in Groundwater Monitor Wells (December 2014)

Figure 3: Trichloroethene Isoconcentrations along Geologic Cross-Section A-A' (2014)

Figure 4: Trichloroethene Isoconcentrations along Geologic Cross-Section B-B' (2014)

Figure 5: Storm Water System

Attachments

Attachment 1: VI Screening Calculations

Attachment 2: SOP 826199: Subsurface Soil-Gas Sampling and Analysis Using Method TO-15 – Single Port, Direct Push, Hollow Stem and Hand Auger Installation, Rev. #1

Attachment 3: SOP Best Practice: Helium Leak Testing for Sub-slab or Soil Gas Sampling

Attachment 4: SOP 1763199: Photoionization Detector Air Monitoring and Field Screening

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Tables

Table 1
Groundwater Elevation Data
HAA-15 (MCA Barracks Site)
Hunter Army Airfield - Savannah, Georgia

Welll Identification	Total Well Depth (ft bgs)	Screened Interval (ft bgs)	Top of Casing Elevation (ft AMSL)	February 2010 Depth to Water (ft BTOC)	February 2010 Water Elevation (ft AMSL)	September 2011 Depth to Water (ft BTOC)	September 2011 Water Elevation (ft AMSL)	December 2014 Depth to Water (ft BTOC)	December 2014 Water Elevation (ft AMSL)
Shallow Wells									
HGL-1B	25	15-25	21.50	3.47	18.03	9.33	12.17	4.02	17.48
HGL-2B	25	15-25	12.71	Could Not Locate		Destroyed		Destroyed	
HGL-3B	25	15-25	14.01	Did Not Measure		Did Not Measure		3.35	10.66
HGL-4B	25	15-25	21.50	4.62	16.88	6.48	15.02	5.81	15.69
HGL-5B	24	14-24	28.69	1.59	27.10	3.82	24.87	2.59	26.10
HGL-6B	25	15-25	35.74	7.13	28.61	11.27	24.47	9.04	26.70
HGL-7B	25	15-25	33.64	8.72	24.92	12.34	21.30	9.07	24.57
HGL-8B	23.5	13.5-23.5	25.91	3.97	21.94	9.22	16.69	4.50	21.41
HGL-9B	24	14-24	33.97	6.61	27.36	10.59	23.38	7.64	26.33
HGL-10B	25	15-25	23.39	3.13	20.26	4.36	19.03	3.52	19.87
HGL-11B	25	15-25	36.37	8.38	27.99	10.31	26.06	9.03	27.34
XX-04	12	1.9-11.9	17.01	Could Not Locate		Could Not Locate		Did Not Measure	
XX-05	12	1.8-11.8	18.21	Could Not Locate		Could Not Locate		Did Not Measure	
XX-06	12	1.9-11.9	20.67	Could Not Locate		Could Not Locate		Did Not Measure	
XX-07	12	1.8-11.8	20.06	Could Not Locate		Could Not Locate		Did Not Measure	
XX-08	13	3.0-13.0	30.42	8	22.42	Did Not Measure		Did Not Measure	
XX-09	12	2.0-12.0	24.63	Could Not Locate		Could Not Locate		Did Not Measure	
XX-10	12	2.0-12.0	20.55	2.16	18.39	Did Not Measure		2.68	17.87
XX-11	12	2.0-12.0	24.84	Could Not Locate		Destroyed		Destroyed	
XX-12	12	2.0-12.0	30.43	7.29	23.14	Did Not Measure		6.60	23.83
XX-13	12	1.8-11.8	22.49	2.8	19.69	Did Not Measure		3.87	18.62
XX-14	12	1.8-11.8	27.62	4.37	23.25	Did Not Measure		4.33	23.29
XX-15	12	1.9-11.9	26.49	4.35	22.14	Did Not Measure		5.33	21.16
XX-22	31	26.0-31.0	25.17	Could Not Locate		Destroyed		Destroyed	
XX-25	34	29.0-34.0	33.51	5.81	27.70	9.19	24.32	7.35	26.16
XX-26 (1-S)	--	23.7-28.7	26.16	6.2	19.96	9.90	16.26	Could Not Locate	
H15-MW-01B	25	15-25	37.19	7.83	29.36	11.47	25.72	9.55	27.64
H15-MW-02B	25	15-25	37.73	9.03	28.70	12.15	25.58	10.08	27.65
H15-MW-03B	25	15-25	36.20	Not Measured - Installed 3/31/10		10.73	25.47	9.41	26.79
H15-MW-05B	25	15-25	18.72	Not Measured - Installed 4/1/10		9.16	9.56	8.10	10.62
H15-MW-07B	25	15-25	37.73	Not Measured - Installed 5/4/10		10.34	27.39	9.62	28.11
H15-MW-14B	25	15-25	37.37	Not Measured - Installed 8/3/11		10.51	26.86	9.42	27.95
H15-MW-15B	25	15-25	36.19	Not Measured - Installed 8/8/11		7.84	28.35	7.08	29.11
H15-MW-16B	25	15-25	33.89	Not Measured - Installed 7/25/11		10.38	23.51	8.60	25.29
H15-MW-17B	25	15-25	35.66	Not Measured - Installed 7/24/11		12.46	23.2	9.70	25.96
H15-MW-18B	25	15-25	20.27	Not Measured - Installed 7/24/11		10.49	9.78	Did Not Measure	
H15-MW-19B	25	15-25	24.33	Not Measured - Installed 7/25/11		7.80	16.53	6.52	17.81
H15-MW-22B	25	15-25	13.16	Not Measured - Installed 7/25/11		7.80	5.36	3.46	9.70

Notes on last page.

Table 1
Groundwater Elevation Data
HAA-15 (MCA Barracks Site)
Hunter Army Airfield - Savannah, Georgia

Welll Identification	Total Well Depth (ft bgs)	Screened Interval (ft bgs)	Top of Casing Elevation (ft AMSL)	February 2010 Depth to Water (ft BTOC)	February 2010 Water Elevation (ft AMSL)	September 2011 Depth to Water (ft BTOC)	September 2011 Water Elevation (ft AMSL)	December 2014 Depth to Water (ft BTOC)	December 2014 Water Elevation (ft AMSL)
Deep Wells									
HGL-1C	40	30-40	21.48	9.55	11.93	11.6	9.88	10.05	11.43
HGL-2C	44	34-44	12.75	Could Not Locate		Destroyed		Destroyed	
HGL-3C	40	30-40	13.93	Did Not Measure		Did Not Measure		3.37	10.56
HGL-4C	40	30-40	21.47	4.58	16.89	6.46	15.01	5.80	15.67
HGL-5C	39	29-39	28.71	1.54	27.17	3.93	24.78	2.62	26.09
HGL-6C	40	30-40	35.55	7.51	28.04	11.69	23.86	9.43	26.12
HGL-7C	44	34-44	33.64	11	22.64	13.89	19.75	12.16	21.48
HGL-8C	44	34-44	25.93	9.65	16.28	12.87	13.06	10.18	15.75
HGL-9C	39	29-39	33.89	7.8	26.09	10.75	23.14	7.80	26.09
HGL-10C	40	30-40	23.39	3.14	20.25	4.38	19.01	3.55	19.84
HGL-11C	40	30-40	36.39	8.43	27.96	10.36	26.03	9.05	27.34
XX-16	46	40-45	N/A	Could Not Locate		Destroyed		Destroyed	
XX-17	46	40-45	21.28	6	15.28	8.02	13.26	Could Not Locate	
XX-18	45	40-45	29.57	11.91	17.66	14.51	15.06	12.78	16.79
XX-19	43	37-42	35.8	9.38	26.42	12.32	23.48	9.72	26.08
XX-20	43	37-42	33.26	Could Not Locate		Destroyed		Destroyed	
XX-21	47	42.9-47.9	37.31	9.72	27.59	12.87	24.44	10.77	26.54
XX-23	45	41.4-46.4	34.59	Could Not Locate		Destroyed		Destroyed	
XX-24	46	36.8-41.8	35.77	Could Not Locate		Destroyed		Destroyed	
XX-26 (2-M)	--	29.9-34.8	26.21	7.97	18.24	11.36	14.85	Did Not Measure	
XX-26 (3-D)	--	37.4-42.3	26.15	9.14	17.01	11.83	14.32	Could Not Locate	
H15-MW-01C	45	35-45	37.22	8.4	28.82	11.57	25.65	9.70	27.52
H15-MW-02C	45	35-45	37.34	Not Measured - Installed 1/26/10		12.41	24.93	11.10	26.24
H15-MW-02D	73	68-73	37.44	Not Measured - Installed 8/20/11		20.31	17.13	18.63	18.81
H15-MW-02E	125	120-125	37.78	Not Measured - Installed 8/24/11		25.10	12.68	23.63	14.15
H15-MW-03C	45	35-45	36.20	Not Measured - Installed 3/31/10		11.24	24.96	10.17	26.03
H15-MW-04C	45	35-45	33.09	Not Measured - Installed 3/31/10		12.71	20.38	9.75	23.34
H15-MW-05C	45	35-45	18.62	Not Measured - Installed 5/3/10		9.35	9.27	8.27	10.35
H15-MW-06C	45	35-45	22.29	Not Measured - Installed 5/3/10		9.58	12.71	Did Not Measure	
H15-MW-07C	45	35-45	37.56	Not Measured - Installed 5/5/10		10.22	27.34	9.58	27.98
H15-MW-08C	45	35-45	20.64	Not Measured - Installed 8/4/11		9.95	10.69	9.46	11.18
H15-MW-09C	45	35-45	28.32	Not Measured - Installed 8/2/11		13.38	14.94	11.55	16.77
H15-MW-10C	45	35-45	36.07	Not Measured - Installed 8/2/11		11.72	24.35	9.80	26.27
H15-MW-11C	45	35-45	22.93	Not Measured - Installed 8/2/11		8.43	14.5	7.65	15.28
H15-MW-12C	44.5	34.5-44.5	24.33	Not Measured - Installed 8/3/11		7.01	17.32	6.50	17.83
H15-MW-13C	45	35-45	28.24	Not Measured - Installed 8/4/11		7.47	20.77	5.14	23.10
H15-MW-14C	45	35-45	37.49	Not Measured - Installed 8/3/11		11.42	26.07	10.68	26.81
H15-MW-15C	45	35-45	36.13	Not Measured - Installed 8/8/11		7.80	28.33	6.82	29.31
H15-MW-20E	125	120-125	33.65	Not Measured - Installed 8/29/11		29.10	4.55	23.70	9.95
H15-MW-22C	45	35-45	13.29	Not Measured - Installed 8/29/11		29.10	-15.81	3.19	10.10

NOTES: '--' - indicates total well depth not measured. ft BTOC - feet below top of casing. N/A - XX-16 well destroyed before survey complete. ft bgs - feet below ground surface

Table 2 - 2014 Groundwater Analytical Results - Shallow Zone of Upper Aquifer
HAA-15, Hunter Army Air Field, Georgia

		Location ID	HGL-1B	HGL-4B	HGL-5B	HGL-6B	HGL-7B	HGL-8B	HGL-9B	HGL-10B	HGL-11B	H15-MW-01B	H15-MW-02B	H15-MW-02B (DUP)
		Sample Date	12/10/2014	12/11/2014	12/10/2014	12/12/2014	12/10/2014	12/10/2014	12/11/2014	12/12/2014	12/9/2014	12/10/2014	12/11/2014	12/11/2014
Compound	MCL	Tapwater RSL												
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)														
1,1,1-Trichloroethane	200	8000	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane		0.076	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	5	0.28	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane		2.7	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	7	280	< 1 U	< 1 U	< 1 U	< 1 U	**0.55 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	70	1.1	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	600	300	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	5	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	5	0.44	< 1 U	< 1 U	< 1 U	< 1 U	**0.44 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	75	0.48	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone		5600	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Hexanone		38	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone		1200	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone		14000	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Benzene	5	0.45	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	80	0.13	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane		7.5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide		810	**0.31 UB**	< 1 U	**0.33 UB**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	5	0.45	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	100	78	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane		21000	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	80	0.22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.39 J**	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane		190	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	70	36	< 1 U	< 1 U	**1.6**	**4.9**	**79**	< 1 U	< 1 U	< 1 U	< 1 U	**0.18 J**	**4.2**	**4**
cis-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	80	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dioxane, 1,4-		0.78	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	700	1.5	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl tert-butyl ether		14	**0.51 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	100	1200	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1000	1100	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	100	360	< 1 U	< 1 U	< 1 U	< 1 U	**0.41 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene			< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	80	9.2	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	5	0.49	< 1 U	< 1 U	< 1 U	**28**	**190**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**20**	**20**
Vinyl chloride	2	0.019	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	10000	190	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:

* - Duplicate sample

- Analyte was detected above the MCL, or the tap water RSL if no MCL is available.

BOLD - indicates the analyte was detected

B - Analyte was detected in an associated blank as well as in the sample.

J - The analyte value is estimated.

MCL - USEPA Maximum Contaminant Level (2015).

NA - Not Analyzed

RSL - USEPA Regional Screening Level for Tap Water (2015).

µg/L - Micrograms per Liter

U - Analyte was not detected above the reporting limit.

VOCs - Volatile Organic Compounds

Table 2 - 2014 Groundwater Analytical Results - Shallow Zone of Upper Aquifer
HAA-15, Hunter Army Air Field, Georgia

		Location ID	H15-MW-03B	H15-MW-03B (DUP)	H15-MW-05B	H15-MW-07B	H15-MW-09A	H15-MW-14B	H15-MW-15B	H15-MW-16B	H15-MW-17B	H15-MW-18B	H15-MW-19B
		Sample Date	12/10/2014	12/10/2014	12/12/2014	12/10/2014	12/11/2014	12/9/2014	12/12/2014	12/15/2014	12/12/2014	12/11/2014	12/11/2014
Compound	MCL	Tapwater RSL											
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)													
1,1,1-Trichloroethane	200	8000	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane		0.076	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	5	0.28	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane		2.7	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	7	280	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	70	1.1	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	600	300	**0.97 J**	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	5	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	5	0.44	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	75	0.48	**0.41 J**	**0.39 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone		5600	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Hexanone		38	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone		1200	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone		14000	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Benzene	5	0.45	**0.21 J**	**0.19 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.26 J**
Bromodichloromethane	80	0.13	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane		7.5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide		810	**0.38 UB**	**0.41 UB**	< 1 U	**0.33 UB**	< 1 U	< 1 U	< 1 U	< 1 U	**3.5**	< 1 U	< 1 U
Carbon tetrachloride	5	0.45	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	100	78	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane		21000	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	80	0.22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane		190	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	70	36	**98**	**97**	**0.52 J**	**10**	**0.19 J**	< 1 U	**0.42 J**	**0.37 J**	< 1 U	< 1 U	**1.7**
cis-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	80	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dioxane, 1,4-		0.78	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	700	1.5	**3.2**	**3**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl tert-butyl ether		14	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	100	1200	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1000	1100	< 1 U	**0.33 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	100	360	**0.4 J**	**0.4 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	80	9.2	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	5	0.49	**1**	**1**	**1.8**	< 1 U	< 1 U	< 1 U	**8.6**	< 1 U	**1.1**	< 1 U	**4.7**
Vinyl chloride	2	0.019	**1.8**	**1.9**	< 1 U	**0.27 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	10000	190	**0.77 J**	**0.71 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:

* - Duplicate sample

- Analyte was detected above the tap water RSL if no MCL i

BOLD - indicates the analyte was detected

B - Analyte was detected in an associated blank as well as in the sam

J - The analyte value is estimated.

MCL - USEPA Maximum Contaminant Level (2015).

NA - Not Analyzed

RSL - USEPA Regional Screening Level for Tap Water (2015).

Table 2 - 2014 Groundwater Analytical Results - Shallow Zone of Upper Aquifer
HAA-15, Hunter Army Air Field, Georgia

		Location ID	H15-MW-22B	XX-12	XX-13	XX-15	XX-25
		Sample Date	12/12/2014	12/10/2014	12/10/2014	12/10/2014	12/15/2014
Compound	MCL	Tapwater RSL					
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)							
1,1,1-Trichloroethane	200	8000	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane		0.076	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	5	0.28	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane		2.7	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	7	280	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	70	1.1	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	600	300	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	5	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	5	0.44	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	75	0.48	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone		5600	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Hexanone		38	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone		1200	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone		14000	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Benzene	5	0.45	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	80	0.13	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane		7.5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide		810	< 1 U	**0.3 UB**	< 1 U	**0.31 UB**	**0.19 UB**
Carbon tetrachloride	5	0.45	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	100	78	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane		21000	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	80	0.22	< 1 U	**0.82 J**	< 1 U	< 1 U	< 1 U
Chloromethane		190	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	70	36	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	80	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dioxane, 1,4-		0.78	--	--	--	--	--
Ethylbenzene	700	1.5	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl tert-butyl ether		14	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	100	1200	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1000	1100	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	100	360	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	80	9.2	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	5	0.49	< 1 U	< 1 U	< 1 U	**0.44 J**	< 1 U
Vinyl chloride	2	0.019	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	10000	190	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:

* - Duplicate sample

- Analyte was detected above the tap water RSL if no MCL i

BOLD - indicates the analyte was detected

B - Analyte was detected in an associated blank as well as in the sam

J - The analyte value is estimated.

MCL - USEPA Maximum Contaminant Level (2015).

NA - Not Analyzed

RSL - USEPA Regional Screening Level for Tap Water (2015).

Table 3 - 2014 Groundwater Analytical Results - Deep Zone of Upper Aquifer
HAA-15, Hunter Army Air Field, Georgia

		Location ID	HGL-1C	HGL-4C	HGL-5C	HGL-6C	HGL-7C	HGL-8C	HGL-9C	HGL-10C	HGL-11C	H15-MW-01C	H15-MW-02C	H15-MW-02D	H15-MW-02E	5-MW-03B (DI
		Sample Date	12/10/2014	12/11/2014	12/10/2014	12/12/2014	12/10/2014	12/10/2014	12/11/2014	12/12/2014	12/9/2014	12/10/2014	12/11/2014	12/11/2014	12/11/2014	12/10/2014
Compound	MCL	Tapwater RSL														
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1-Trichloroethane	200	8000	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane		0.076	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	5	0.28	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane		2.7	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	7	280	< 1 U	< 1 U	< 1 U	< 20 U	**31 J**	< 1 U	< 1 U	< 1 U	< 1 U	**5 J**	< 100 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	70	1.1	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	600	300	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	**1**
1,2-Dichloroethane	5	0.17	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	5	0.44	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene			< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	75	0.48	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	**0.39 J**
2-Butanone		5600	< 10 U	< 10 U	< 10 U	< 200 U	< 1000 U	< 10 U	< 10 U	< 10 U	< 10 U	< 100 U	< 2000 U	< 10 U	< 10 U	< 10 U
2-Hexanone		38	< 10 U	< 10 U	< 10 U	< 200 U	< 1000 U	< 10 U	< 10 U	< 10 U	< 10 U	< 100 U	< 2000 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone		1200	< 10 U	< 10 U	< 10 U	< 200 U	< 1000 U	< 10 U	< 10 U	< 10 U	< 10 U	< 100 U	< 2000 U	< 10 U	< 10 U	< 10 U
Acetone		14000	< 20 U	< 20 U	< 20 U	< 400 U	< 2000 U	< 20 U	< 20 U	< 20 U	< 20 U	< 200 U	< 2000 U	**6.8 J**	< 20 U	< 20 U
Benzene	5	0.45	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	**0.19 J**
Bromodichloromethane	80	0.13	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Bromomethane		7.5	< 2 U	< 2 U	< 2 U	< 40 U	< 200 U	< 2 U	< 2 U	< 2 U	< 2 U	< 20 U	< 100 U	< 2 U	< 2 U	< 2 U
Carbon disulfide		810	**0.37 UB**	< 1 U	**0.31 UB**	**76**	< 100 U	**0.34 UB**	< 1 U	< 1 U	< 1 U	**2.7 UB**	< 100 U	< 1 U	**1.4**	**0.41 UB**
Carbon tetrachloride	5	0.45	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	100	78	< 2 U	< 2 U	< 2 U	< 40 U	< 200 U	< 2 U	< 2 U	< 2 U	< 2 U	< 20 U	< 100 U	< 2 U	< 2 U	< 2 U
Chloroethane		21000	< 2 U	< 2 U	< 2 U	< 40 U	< 200 U	< 2 U	< 2 U	< 2 U	< 2 U	< 20 U	< 100 U	< 2 U	< 2 U	< 2 U
Chloroform	80	0.22	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	**0.64 J**	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Chloromethane		190	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	70	36	< 1 U	< 1 U	< 1 U	**630**	**3300**	**7.4**	< 1 U	< 1 U	< 1 U	**1400**	**710**	< 1 U	< 1 U	**97**
cis-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	80	0.17	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Dioxane, 1,4-		0.78	--	--	--	--	--	--	--	--	--	--	< 1000 U	--	--	--
Ethylbenzene	700	1.5	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	**3**
Methyl tert-butyl ether		14	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Methylene chloride	5	11	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Styrene	100	1200	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	5	11	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Toluene	1000	1100	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	**0.33 J**
trans-1,2-Dichloroethene	100	360	< 1 U	< 1 U	< 1 U	< 20 U	**26 J**	< 1 U	< 1 U	< 1 U	< 1 U	**23**	< 100 U	< 1 U	< 1 U	**0.4 J**
trans-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Tribromomethane	80	9.2	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	< 1 U
Trichloroethene	5	0.49	< 1 U	< 1 U	< 1 U	**1400**	**13000**	**3.1**	< 1 U	< 1 U	< 1 U	**480**	**16000**	< 1 U	**0.37 J**	**1**
Vinyl chloride	2	0.019	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	**0.41 J**	**1.9**
Xylenes (total)	10000	190	< 1 U	< 1 U	< 1 U	< 20 U	< 100 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 100 U	< 1 U	< 1 U	**0.71 J**

Notes:

* - Duplicate sample

- Analyte was detected above the MCL, or the tap water RSL if no MCL is available.

BOLD - indicates the analyte was detected

B - Analyte was detected in an associated blank as well as in the sample.

J - The analyte value is estimated.

MCL - USEPA Maximum Contaminant Level (2015).

NA - Not Analyzed

RSL - USEPA Regional Screening Level for Tap Water (2015).

µg/L - Micrograms per Liter

U - Analyte was not detected above the reporting limit.

VOCs - Volatile Organic Compounds

Table 3 - 2014 Groundwater Analytical Results - Deep Zone of Upper Aquifer
HAA-15, Hunter Army Air Field, Georgia

		Location ID	H15-MW-03C	H15-MW-04C	H15-MW-05C	H15-MW-06C	H15-MW-07C	H15-MW-08C	H15-MW-09C	H15-MW-10C	H15-MW-11C	H15-MW-12C	H15-MW-13C	H15-MW-14C	H15-MW-15C	H15-MW-20E
		Sample Date	12/10/2014	12/15/2014	12/12/2014	12/11/2014	12/10/2014	12/11/2014	12/11/2014	12/12/2014	12/11/2014	12/15/2014	12/15/2014	12/9/2014	12/12/2014	12/12/2014
Compound	**MCL**	**Tapwater RSL**														
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1-Trichloroethane	**200**	**8000**	< 5 U	**0.2 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane		**0.076**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	**5**	**0.28**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane		**2.7**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	**7**	**280**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.25 J**	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	**70**	**1.1**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	**600**	**300**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	**5**	**0.17**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	**5**	**0.44**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene			< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	**75**	**0.48**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone		**5600**	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 500 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Hexanone		**38**	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 500 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone		**1200**	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 500 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone		**14000**	< 100 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 1000 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Benzene	**5**	**0.45**	**0.72 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.83 J**	< 50 U	< 1 U	< 1 U	**0.16 J**	< 1 U	**0.43 J**	**0.13 J**
Bromodichloromethane	**80**	**0.13**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane		**7.5**	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 100 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide		**810**	**1.5 UB**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	**5**	**0.45**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	**100**	**78**	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 100 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane		**21000**	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 100 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	**80**	**0.22**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane		**190**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	**70**	**36**	**360**	**6.4**	**1**	< 1 U	< 1 U	< 1 U	**160**	**3500**	< 1 U	**0.31 J**	**20**	**5.3**	**44**	**0.42 J**
cis-1,3-Dichloropropene			< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	**80**	**0.17**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dioxane, 1,4-		**0.78**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	**700**	**1.5**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl tert-butyl ether		**14**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	**5**	**11**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	**100**	**1200**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	**5**	**11**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	**1000**	**1100**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.4 J**
trans-1,2-Dichloroethene	**100**	**360**	< 5 U	**0.44 J**	< 1 U	< 1 U	< 1 U	< 1 U	**1.8**	< 50 U	< 1 U	< 1 U	< 1 U	**1.6**	< 1 U	< 1 U
trans-1,3-Dichloropropene			< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	**80**	**9.2**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	**5**	**0.49**	**55**	**1.9**	**4.6**	< 1 U	< 1 U	< 1 U	**8.1**	**690**	< 1 U	< 1 U	**1.1**	**2.7**	**4.3**	**1.9**
Vinyl chloride	**2**	**0.019**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	**10000**	**190**	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:

* - Duplicate sample

- Analyte was detected above the tap water RSL if no MCL i

BOLD - indicates the analyte was detected

B - Analyte was detected in an associated blank as well as in the sam

J - The analyte value is estimated.

MCL - USEPA Maximum Contaminant Level (2015).

NA - Not Analyzed

RSL - USEPA Regional Screening Level for Tap Water (2015).

Table 3 - 2014 Groundwater Analytical Results - Deep Zone of Upper Aquifer
HAA-15, Hunter Army Air Field, Georgia

		Location ID	H15-MW-21C	H15-MW-22C	XX-18	XX-19	XX-21	XX-21 (DUP)
		Sample Date	12/10/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014	12/12/2014
Compound	MCL	Tapwater RSL						
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)								
1,1,1-Trichloroethane	200	8000	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1,2,2-Tetrachloroethane		0.076	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1,2-Trichloroethane	5	0.28	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1-Dichloroethane		2.7	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1-Dichloroethene	7	280	< 1 U	< 1 U	< 1 U	**0.9 J**	< 5 U	< 5 U
1,2,4-Trichlorobenzene	70	1.1	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,2-Dichlorobenzene	600	300	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,2-Dichloroethane	5	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,2-Dichloropropane	5	0.44	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,3-Dichlorobenzene			< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,4-Dichlorobenzene	75	0.48	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
2-Butanone		5600	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 50 U
2-Hexanone		38	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 50 U
4-Methyl-2-pentanone		1200	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 50 U
Acetone		14000	< 20 U	< 20 U	< 20 U	< 20 U	< 100 U	< 100 U
Benzene	5	0.45	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Bromodichloromethane	80	0.13	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Bromomethane		7.5	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U
Carbon disulfide		810	**0.26 UB**	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Carbon tetrachloride	5	0.45	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Chlorobenzene	100	78	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U
Chloroethane		21000	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U
Chloroform	80	0.22	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Chloromethane		190	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
cis-1,2-Dichloroethene	70	36	< 1 U	< 1 U	**78**	**83**	**500 J**	**470**
cis-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Dibromochloromethane	80	0.17	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Dioxane, 1,4-		0.78	--	--	--	--	--	--
Ethylbenzene	700	1.5	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Methyl tert-butyl ether		14	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Methylene chloride	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Styrene	100	1200	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Tetrachloroethene	5	11	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Toluene	1000	1100	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
trans-1,2-Dichloroethene	100	360	< 1 U	< 1 U	**0.42 J**	**0.22 J**	< 5 U	< 5 U
trans-1,3-Dichloropropene			< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Tribromomethane	80	9.2	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Trichloroethene	5	0.49	< 1 U	< 1 U	< 1 U	**16**	< 5 U	< 5 U
Vinyl chloride	2	0.019	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Xylenes (total)	10000	190	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U

Notes:

* - Duplicate sample

- Analyte was detected above the tap water RSL if no MCL i

BOLD - indicates the analyte was detected

B - Analyte was detected in an associated blank as well as in the sam

J - The analyte value is estimated.

MCL - USEPA Maximum Contaminant Level (2015).

NA - Not Analyzed

RSL - USEPA Regional Screening Level for Tap Water (2015).

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-HGL-10B	H15-HGL-10B	H15-HGL-10C	H15-HGL-10C	H15-HGL-11B	H15-HGL-11B	H15-HGL-11C	H15-HGL-11C	H15-HGL-1B
				Sample Date	2/2/2010	12/12/2014	2/2/2010	12/12/2014	2/2/2010	12/9/2014	2/2/2010	12/9/2014	2/2/2010
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)													
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1,2,2-Tetrachloroethane	0.076				< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
1,1,2-Trichloroethane	0.28	0.041	5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1-Dichloroethane	2.7				< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1-Dichloroethene	280	28	7		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
1,2-Dibromoethane	0.0075		0.05		< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
1,2-Dichlorobenzene	300	30	600		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,2-Dichloroethane	0.17		5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	14,000	1,400			< 10 U	< 20 U	< 10 U	< 20 U	< 10 U	< 20 U	< 10 U	< 20 U	< 10 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	**0.12 BJ**	< 1 U	**0.12 BJ**	< 1 U	< 0.5 U
Benzene, 1-methylethyl	450	45			< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Bromomethane	7.5	0.75			< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U
Carbon disulfide	810	81			< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Carbon tetrachloride	0.45		5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
CFC-11	1,100	110			< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
CFC-12	200	20			< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
Chlorobenzene	78	7.8	100		< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U
Chloroethane	21,000	2,100			< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U
Chloroform	0.22		80		< 0.5 U	**0.39 J**	< 0.5 U	**0.64 J**	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Chloromethane	190	19			< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
cis-1,2-Dichloroethene	36	3.6	70		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
cis-1,3-Dichloropropene					< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Cyclohexane	13,000	1,300			< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
Dibromochloromethane	0.17		80		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U
Methyl tert-butyl ether	14				< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	**7.4**
Methylcyclohexane					< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U
Methylene chloride	11		5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	**1.4**	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Toluene	1,100	110	1,000		< 0.5 U	< 1 U	< 0.5 U	< 1 U	**0.39 BJ**	< 1 U	**0.34 BJ**	< 1 U	< 0.5 U
trans-1,2-Dichloroethene	360	36	100		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
trans-1,3-Dichloropropene					< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Tribromomethane	9.2		80		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Trichloroethene	0.49	0.28	5		< 0.5 U	< 1 U	< 0.5 U	< 1 U	**0.47 J**	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Xylenes (total)	190	19	10000		< 0.5 U	< 1 U	< 0.5 U	< 1 U	**0.18 BJ**	< 1 U	< 0.5 U	< 1 U	< 0.5 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-HGL-1B	H15-HGL-1C	H15-HGL-1C	H15-HGL-4B	H15-HGL-4B	H15-HGL-4C	H15-HGL-4C	H15-HGL-5B	H15-HGL-5B	H15-HGL-5C	H15-HGL-5C	H15-HGL-6B	H15-HGL-6B
				Sample Date	12/10/2014	2/2/2010	12/10/2014	2/2/2010	12/11/2014	2/2/2010	12/11/2014	2/3/2010	12/10/2014	2/3/2010	12/10/2014	2/4/2010	12/12/2014
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																	
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	**0.18 J**	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--
1,2-Dibromoethane	0.0075		0.05		--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--
1,2-Dichlorobenzene	300	30	600		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,2-Dichloroethane	0.17		5		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	14,000	1,400			< 20 U	< 10 U	< 20 U	< 10 U	< 20 U	**1.9 J**	< 20 U	< 10 U	< 20 U	**2.9 J**	< 20 U	**18**	< 20 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 0.5 U	< 1 U	**0.12 BJ**	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Benzene, 1-methylethyl	450	45			--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Bromomethane	7.5	0.75			< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U
Carbon disulfide	810	81			**0.31 J**	< 0.5 U	**0.37 J**	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	**0.33 J**	< 0.5 U	**0.31 J**	< 0.5 U	< 1 U
Carbon tetrachloride	0.45		5		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
CFC-11	1,100	110			--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--
CFC-12	200	20			--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--
Chlorobenzene	78	7.8	100		< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U
Chloroethane	21,000	2,100			< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U
Chloroform	0.22		80		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	**0.25 J**	< 1 U
Chloromethane	190	19			< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	**0.29 J**	**1.6**	< 0.5 U	< 1 U	**2.6**	**4.9**
cis-1,3-Dichloropropene					< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Cyclohexane	13,000	1,300			--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--
Dibromochloromethane	0.17		80		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U	--
Methyl tert-butyl ether	14				**0.51 J**	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Methylcyclohexane					--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U	--
Methylene chloride	11		5		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 0.5 U	< 1 U	**0.27 BJ**	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 SU	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	**17**	**28**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U
Xylenes (total)	190	19	10000		< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-HGL-6C	H15-HGL-6C	H15-HGL-7B	H15-HGL-7B	H15-HGL-7C	H15-HGL-7C	H15-HGL-8B	H15-HGL-8B	H15-HGL-8C	H15-HGL-8C	H15-HGL-9B	H15-HGL-9B	H15-HGL-9C
				Sample Date	2/4/2010	12/12/2014	2/4/2010	12/10/2014	2/4/2010	12/10/2014	2/2/2010	12/10/2014	2/2/2010	12/10/2014	2/3/2010	12/11/2014	2/3/2010
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																	
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1,2,2-Tetrachloroethane	0.076				< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			< 2.5 U	--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
1,1,2-Trichloroethane	0.28	0.041	5		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1-Dichloroethane	2.7				< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1-Dichloroethene	280	28	7		**2.5**	< 20 U	< 0.5 U	**0.55 J**	**35**	**31 J**	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 2.5 U	--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
1,2-Dibromoethane	0.0075		0.05		< 2.5 U	--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
1,2-Dichlorobenzene	300	30	600		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,2-Dichloroethane	0.17		5		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 2.5 U	< 20 U	< 0.5 U	**0.44 J**	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 50 U	< 200 U	< 10 U	< 10 U	**180 J**	< 1,000 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 50 U	< 200 U	< 10 U	< 10 U	< 200 U	< 1,000 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 50 U	< 200 U	< 10 U	< 10 U	< 200 U	< 1,000 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	14,000	1,400			**85**	< 400 U	**19**	< 20 U	**330**	< 2,000 U	< 10 U	< 20 U	< 10 U	< 20 U	**1.7 J**	< 20 U	**1.4 J**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 2.5 U	< 20 U	< 0.5 U	< 1 U	**5.7 J**	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Benzene, 1-methylethyl	450	45			< 2.5 U	--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Bromomethane	7.5	0.75			< 2.5 U	< 40 U	< 0.5 U	< 2 U	< 10 U	< 200 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U
Carbon disulfide	810	81			< 2.5 U	**76**	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	**0.34 J**	< 0.5 U	< 1 U	< 0.5 U
Carbon tetrachloride	0.45		5		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
CFC-11	1,100	110			< 2.5 U	--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
CFC-12	200	20			< 2.5 U	--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
Chlorobenzene	78	7.8	100		< 2.5 U	< 40 U	< 0.5 U	< 2 U	< 10 U	< 200 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U
Chloroethane	21,000	2,100			< 2.5 U	< 40 U	< 0.5 U	< 2 U	< 10 U	< 200 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U
Chloroform	0.22		80		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Chloromethane	190	19			< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
cis-1,2-Dichloroethene	36	3.6	70		**180**	**630**	**1**	**79**	**2,500**	**3,300**	< 0.5 U	< 1 U	**0.7**	**7.4**	< 0.5 U	< 1 U	< 0.5 U
cis-1,3-Dichloropropene					< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Cyclohexane	13,000	1,300			< 2.5 U	--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U	--	< 0.5 U
Dibromochloromethane	0.17		80		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			< 5 U	--	< 1 U	--	< 20 U	--	< 1 U	--	< 1 U	--	< 1 U	--	< 1 U
Methyl tert-butyl ether	14				< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Methylcyclohexane					< 25 U	--	< 5 U	--	< 100 U	--	< 5 U	--	< 5 U	--	< 5 U	--	< 5 U
Methylene chloride	11		5		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Toluene	1,100	110	1,000		< 2.5 U	< 20 U	< 0.5 U	< 1 U	**3.4 J**	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
trans-1,2-Dichloroethene	360	36	100		**7.2**	< 20 U	< 0.5 U	**0.41 J**	**26**	**26 J**	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
trans-1,3-Dichloropropene					< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Tribromomethane	9.2		80		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Trichloroethene	0.49	0.28	5		**850**	**1,400**	**40**	**190**	**16,000**	**13,000**	**0.12 J**	< 1 U	**0.4 J**	**3.1**	< 0.5 U	< 1 U	**0.26 J**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		**0.5 J**	< 20 U	< 0.5 U	< 1 U	**6.3 J**	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U
Xylenes (total)	190	19	10000		< 2.5 U	< 20 U	< 0.5 U	< 1 U	< 10 U	< 100 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-HGL-9C	H15-MW-01B	H15-MW-01B	H15-MW-01C	H15-MW-01C	H15-MW-02B	H15-MW-02B	H15-MW-02B (DUP)	H15-MW-02C	H15-MW-02C	H15-MW-02D	H15-MW-02D
				Sample Date	12/11/2014	2/3/2010	12/10/2014	2/3/2010	12/10/2014	2/4/2010	12/11/2014	12/11/2014	4/12/2010	12/11/2014	8/25/2011	12/11/2014
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	--	< 50 U	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 0.5 U	< 1 U	< 10 U	**5 J**	< 0.5 U	< 1 U	< 1 U	**37 J**	< 100 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	--	< 50 U	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	--	< 50 U	--	--	--
1,2-Dichlorobenzene	300	30	600		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,2-Dichloroethane	0.17		5		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 200 U	< 100 U	< 10 U	< 10 U	< 10 U	< 1,000 U	< 2,000 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 10 U	< 10 U	< 10 U	< 200 U	< 100 U	< 10 U	< 10 U	< 10 U	< 1,000 U	< 2,000 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 10 U	< 10 U	< 200 U	< 100 U	< 10 U	< 10 U	< 10 U	< 1,000 U	< 2,000 U	**1.3 J**	< 10 U
Acetone	14,000	1,400			< 20 U	< 10 U	< 20 U	< 200 U	< 200 U	**18**	< 20 U	< 20 U	< 1,000 U	< 2,000 U	**8.1 J**	**6.8 J**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 0.5 U	< 1 U	**4.4 J**	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	< 0.5 U	--	**4.7 J**	--	< 0.5 U	--	--	< 50 U	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	**0.45 J**	< 1 U
Bromomethane	7.5	0.75			< 2 U	< 0.5 U	< 2 U	< 10 U	< 20 U	< 0.5 U	< 2 U	< 2 U	< 50 U	< 100 U	< 2 U	< 2 U
Carbon disulfide	810	81			< 1 U	< 0.5 U	< 1 U	< 10 U	**2.7 J**	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	**0.39 J**	< 1 U
Carbon tetrachloride	0.45		5		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
CFC-11	1,100	110			--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	--	< 50 U	--	--	--
CFC-12	200	20			--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	--	< 50 U	--	--	--
Chlorobenzene	78	7.8	100		< 2 U	< 0.5 U	< 2 U	< 10 U	< 20 U	< 0.5 U	< 2 U	< 2 U	< 50 U	< 100 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< 2 U	< 0.5 U	< 2 U	< 10 U	< 20 U	< 0.5 U	< 2 U	< 2 U	< 50 U	< 100 U	< 2 U	< 2 U
Chloroform	0.22		80		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	**1.1**	< 1 U	< 1 U	< 50 U	< 100 U	**1.2**	< 1 U
Chloromethane	190	19			< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	**0.21 J**	**0.18 J**	**2,200**	**1,400**	**11**	**4.2**	**4**	**2,700**	**710**	**0.24 J**	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	< 0.5 U	--	< 10 U	--	< 0.5 U	--	--	< 50 U	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	**3.1**	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	< 1,000 U	--	--
Ethylbenzene	1.5		700		< 1 U	< 0.5 U	< 1 U	**6.8 J**	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	< 1 U	--	< 20 U	--	< 1 U	--	--	< 100 U	--	--	--
Methyl tert-butyl ether	14				< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Methylcyclohexane					--	< 5 U	--	< 100 U	--	< 5 U	--	--	< 500 U	--	--	--
Methylene chloride	11		5		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	**24 BJ**	< 100 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 0.5 U	< 1 U	**18**	**23**	< 0.5 U	< 1 U	< 1 U	**49 J**	< 100 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 0.5 U	< 1 U	**2,800**	**480**	**68**	**20**	**20**	**32,000**	**16,000**	**1.7**	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 1 U	< 0.5 U	< 1 U	< 10 U	< 10 U	< 0.5 U	< 1 U	< 1 U	< 50 U	< 100 U	< 1 U	< 1 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-MW-02D-VAP	H15-MW-02D-VAP	H15-MW-02E	H15-MW-02E	H15-MW-03B	H15-MW-03B	H15-MW-03B (DUP)	H15-MW-03C	H15-MW-03C	H15-MW-04C	H15-MW-05B
				Sample Date	7/22/2011	7/22/2011	9/8/2011	12/11/2014	4/12/2010	12/10/2014	12/10/2014	4/12/2010	12/10/2014	4/12/2010	6/15/2010
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)															
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,1,2,2-Tetrachloroethane	0.076				**6.5 J**	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	< 0.5 U	--	--	< 1 U	--	< 0.5 U	< 0.5 U
1,1,2-Trichloroethane	0.28	0.041	5		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,1-Dichloroethane	2.7				< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,1-Dichloroethene	280	28	7		< 20 U	**5.7 J**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**0.32 J**	< 5 U	< 0.5 U	< 0.5 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	< 0.5 U	--	--	< 1 U	--	< 0.5 U	< 0.5 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	< 0.5 U	--	--	< 1 U	--	< 0.5 U	< 0.5 U
1,2-Dichlorobenzene	300	30	600		< 20 U	< 20 U	< 1 U	< 1 U	**0.37 J**	**0.97 J**	**1**	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethane	0.17		5		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	**0.41 J**	**0.39 J**	< 1 U	< 5 U	< 0.5 U	< 0.5 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 200 U	< 200 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U	< 50 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 200 U	< 200 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U	< 50 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 200 U	< 200 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U	< 50 U	< 10 U	< 10 U
Acetone	14,000	1,400			< 400 U	< 400 U	**8.3 J**	< 20 U	**9.2 J**	< 20 U	< 20 U	**6.9 J**	< 100 U	**4.1 J**	< 10 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 20 U	< 20 U	< 1 U	< 1 U	**0.22 J**	**0.21 J**	**0.19 J**	**0.77 J**	**0.72 J**	**0.2 J**	< 0.5 U
Benzene, 1-methylethyl	450	45			--	--	--	--	**1.4**	--	--	**0.71 J**	--	< 0.5 U	< 0.5 U
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
Bromomethane	7.5	0.75			< 40 U	< 40 U	< 2 U	< 2 U	< 0.5 U	< 2 U	< 2 U	< 1 U	< 10 U	< 0.5 U	< 0.5 U
Carbon disulfide	810	81			< 20 U	< 20 U	**0.67 J**	**1.4**	**0.27 J**	**0.38 J**	**0.41 J**	**0.7 J**	**1.5 J**	< 0.5 U	< 0.5 U
Carbon tetrachloride	0.45		5		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
CFC-11	1,100	110			--	--	--	--	< 0.5 U	--	--	< 1 U	--	< 0.5 U	< 0.5 U
CFC-12	200	20			--	--	--	--	< 0.5 U	--	--	< 1 U	--	< 0.5 U	< 0.5 U
Chlorobenzene	78	7.8	100		< 40 U	< 40 U	< 2 U	< 2 U	< 0.5 U	< 2 U	< 2 U	< 1 U	< 10 U	< 0.5 U	< 0.5 U
Chloroethane	21,000	2,100			< 40 U	< 40 U	< 2 U	< 2 U	< 0.5 U	< 2 U	< 2 U	< 1 U	< 10 U	**0.34 J**	< 0.5 U
Chloroform	0.22		80		< 20 U	< 20 U	**0.77 J**	< 1 U	**0.99**	< 1 U	< 1 U	**0.41 J**	< 5 U	< 0.5 U	< 0.5 U
Chloromethane	190	19			< 20 U	< 20 U	< 1 U	< 1 U	**0.26 J**	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
cis-1,2-Dichloroethene	36	3.6	70		**120**	**470**	**0.17 J**	< 1 U	**120**	**98**	**97**	**400**	**360**	**9.8**	**0.51**
cis-1,3-Dichloropropene					< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
Cyclohexane	13,000	1,300			--	--	--	--	< 0.5 U	--	--	< 1 U	--	< 0.5 U	< 0.5 U
Dibromochloromethane	0.17		80		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 20 U	< 20 U	< 1 U	< 1 U	**1.6**	**3.2**	**3**	**1.1**	< 5 U	< 0.5 U	< 0.5 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	< 1 U	--	--	< 2 U	--	< 1 U	< 1 U
Methyl tert-butyl ether	14				< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
Methylcyclohexane					--	--	--	--	< 5 U	--	--	< 10 U	--	< 5 U	< 5 U
Methylene chloride	11		5		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**0.52 BJ**	< 5 U	< 0.5 U	< 0.5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**4.7**	< 5 U	< 0.5 U	< 0.5 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
Toluene	1,100	110	1,000		**23**	< 20 U	< 1 U	< 1 U	**0.54**	< 1 U	**0.33 J**	**0.7 J**	< 5 U	< 0.5 U	< 0.5 U
trans-1,2-Dichloroethene	360	36	100		< 20 U	< 20 U	< 1 U	< 1 U	**0.55**	**0.4 J**	**0.4 J**	**1.6**	< 5 U	**0.34 J**	< 0.5 U
trans-1,3-Dichloropropene					< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
Tribromomethane	9.2		80		< 20 U	< 20 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 0.5 U
Trichloroethene	0.49	0.28	5		**400**	**1,600**	**1.1**	**0.37 J**	**5**	**1**	**1**	**79**	**55**	**2.2**	**2.2**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 20 U	**10 J**	< 1 U	**0.41 J**	**1**	**1.8**	**1.9**	**2.4**	< 5 U	< 0.5 U	< 0.5 U
Xylenes (total)	190	19	10000		< 20 U	< 20 U	< 1 U	< 1 U	**0.82**	**0.77 J**	**0.71 J**	**0.35 J**	< 5 U	< 0.5 U	< 0.5 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-MW-05B	H15-MW-05B	H15-MW-05C	H15-MW-05C	H15-MW-06C	H15-MW-07B	H15-MW-07B (DUP)	H15-MW-07B	H15-MW-07B	H15-MW-07C	H15-MW-07C	H15-MW-08C
				Sample Date	12/12/2014	12/15/2014	5/13/2010	12/12/2014	5/13/2010	5/13/2010	5/13/2010	12/10/2014	12/11/2014	5/13/2010	12/10/2014	8/24/2011
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	**0.2 J**	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	< 0.5 U	--	< 0.5 U	< 0.5 U	< 0.5 U	--	--	< 0.5 U	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	< 0.5 U	--	< 0.5 U	< 0.5 U	< 0.5 U	--	--	< 0.5 U	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	< 0.5 U	--	< 0.5 U	< 0.5 U	< 0.5 U	--	--	< 0.5 U	--	--
1,2-Dichlorobenzene	300	30	600		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	**0.27 J**	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	**0.46 J**	< 10 U	< 50 U
Acetone	14,000	1,400			< 20 U	< 20 U	**1.2 J**	< 20 U	**2.2 J**	**2.2 J**	**7.2 J**	< 20 U	< 20 U	**6.5 J**	< 20 U	< 100 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Benzene, 1-methylethyl	450	45			--	--	< 0.5 U	--	< 0.5 U	< 0.5 U	< 0.5 U	--	--	< 0.5 U	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 2 U	< 2 U	< 0.5 U	< 2 U	< 10 U
Carbon disulfide	810	81			< 1 U	< 1 U	**0.31 J**	< 1 U	**0.33 J**	**0.31 J**	**3.3**	**0.33 J**	< 1 U	**0.14 J**	< 1 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
CFC-11	1,100	110			--	--	< 0.5 U	--	< 0.5 U	< 0.5 U	< 0.5 U	--	--	< 0.5 U	--	--
CFC-12	200	20			--	--	< 0.5 U	--	< 0.5 U	< 0.5 U	< 0.5 U	--	--	< 0.5 U	--	--
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 2 U	< 2 U	< 0.5 U	< 2 U	< 10 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 0.5 U	< 2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 2 U	< 2 U	< 0.5 U	< 2 U	< 10 U
Chloroform	0.22		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**1.3**	< 1 U	< 5 U
Chloromethane	190	19			< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
cis-1,2-Dichloroethene	36	3.6	70		**0.52 J**	**6.4**	**0.29 J**	**1**	< 0.5 U	**0.65**	**0.4 J**	**10**	< 1 U	< 0.5 U	< 1 U	< 5 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Cyclohexane	13,000	1,300			--	--	< 0.5 U	--	< 0.5 U	< 0.5 U	< 0.5 U	--	--	< 0.5 U	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	< 1 U	--	< 1 U	< 1 U	< 1 U	--	--	< 1 U	--	--
Methyl tert-butyl ether	14				< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Methylcyclohexane					--	--	< 5 U	--	< 5 U	< 5 U	< 5 U	--	--	< 5 U	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 0.5 U	< 1 U	**0.22 J**	< 0.5 U	**0.39 J**	< 1 U	< 1 U	**0.51**	< 1 U	< 5 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	**0.44 J**	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Trichloroethene	0.49	0.28	5		**1.8**	**1.9**	**1.6**	**4.6**	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	**0.27 J**	< 1 U	< 0.5 U	< 1 U	< 5 U
Xylenes (total)	190	19	10000		< 1 U	< 1 U	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-MW-08C	H15-MW-09A	H15-MW-09C	H15-MW-09C	H15-MW-10C	H15-MW-10C	H15-MW-11C	H15-MW-11C	H15-MW-12C	H15-MW-12C	H15-MW-13C	H15-MW-13C
				Sample Date	12/11/2014	12/11/2014	8/18/2011	12/11/2014	8/11/2011	12/12/2014	8/18/2011	12/11/2014	8/23/2011	12/15/2014	8/12/2011	12/15/2014
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	**0.31 J**	**0.25 J**	**21 J**	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	**7.6 J**	< 10 U	< 500 U	< 500 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 10 U	< 10 U	< 10 U	< 10 U	< 500 U	< 500 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 10 U	< 10 U	< 10 U	< 500 U	< 500 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	14,000	1,400			< 20 U	< 20 U	< 20 U	< 20 U	< 1,000 U	< 1,000 U	< 20 U	< 20 U	--	< 20 U	< 20 U	< 20 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	**1.1**	**0.83 J**	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.13 J**	**0.16 J**
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 2 U	< 2 U	< 100 U	< 100 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81			< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.6**	< 1 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 2 U	< 2 U	< 100 U	< 100 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 2 U	< 2 U	< 100 U	< 100 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.8**	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	**0.19 J**	**140**	**160**	**9,700**	**3,500**	< 1 U	< 1 U	**0.49 J**	**0.31 J**	**12**	**20**
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	**1**	**1.8**	**14 J**	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	**3.1**	**8.1**	**3,300**	**690**	**0.35 J**	< 1 U	< 1 U	< 1 U	**0.72 J**	**1.1**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	**0.071 J**	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 1 U	< 1 U	**0.85 J**	< 1 U	< 50 U	< 50 U	**1.1**	< 1 U	**0.49 J**	< 1 U	< 1 U	< 1 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-MW-14B	H15-MW-14B	H15-MW-14C	H15-MW-14C	H15-MW-14C	H15-MW-15B	H15-MW-15B	H15-MW-15C	H15-MW-15C	H15-MW-16B	H15-MW-16B	H15-MW-17B
				Sample Date	8/11/2011	12/9/2014	8/11/2011	11/18/2011	12/9/2014	8/19/2011	12/12/2014	8/19/2011	12/12/2014	8/10/2011	12/15/2014	8/17/2011
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	**0.52 J**	**0.23 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.33 J**
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.41 J**
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.74 J**
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.42 J**
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	**8 J**	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	14,000	1,400			< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	**13 J**	< 20 U	< 20 U	< 20 U	< 20 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.43 J**	**0.43 J**	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81			< 1 U	< 1 U	**0.23 J**	< 1 U	< 1 U	**0.1 J**	< 1 U	**0.22 J**	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	**52**	**41**	**5.3**	**0.5 J**	**0.42 J**	**21**	**44**	< 1 U	**0.37 J**	**9**
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.4**
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	**13**	**9.4**	**1.6**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.42 J**
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	**48**	**39**	**2.7**	**6.3**	**8.6**	**1.1**	**4.3**	< 1 U	< 1 U	**61**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	**0.35 J**	**0.36 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.92 J**	< 1 U	**0.68 J**	< 1 U	< 1 U	< 1 U	**0.73 J**

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	H15-MW-17B	H15-MW-18B	H15-MW-18B	H15-MW-19B	H15-MW-19B	H15-MW-20E	H15-MW-20E	H15-MW-21C	H15-MW-22B	H15-MW-22C	MCA-GW001	MCA-GW001
				Sample Date	12/12/2014	8/18/2011	12/11/2014	8/18/2011	12/11/2014	9/9/2011	12/12/2014	12/10/2014	12/12/2014	12/12/2014	10/5/2002	10/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	--	--
Acetone	14,000	1,400			< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 5 U	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	**0.26 J**	**0.26 J**	< 1 U	**0.13 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--
Carbon disulfide	810	81			**3.5**	< 1 U	< 1 U	< 1 U	< 1 U	**1**	< 1 U	**0.26 J**	< 1 U	< 1 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	< 1 U	< 1 U
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	**1.5**	**1.7**	< 1 U	**0.42 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	< 1 U	< 1 U
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.4 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
Trichloroethene	0.49	0.28	5		**1.1**	**0.34 J**	< 1 U	**4.5**	**4.7**	< 1 U	**1.9**	< 1 U	< 1 U	< 1 U	**27**	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--
Xylenes (total)	190	19	10000		< 1 U	**1.1**	< 1 U	**0.85 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW001	MCA-GW002	MCA-GW002	MCA-GW002	MCA-GW003	MCA-GW003	MCA-GW004	MCA-GW004	MCA-GW004	MCA-GW005	MCA-GW005	MCA-GW006
				Sample Date	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	**1.6**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	< 5 U	< 5 U	< 5 U	< 5 UJ	< 5 UJ	< 5 UJ	< 5 UJ	< 5 UJ	**7.1 J**	**6 J**	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**4.6 J**	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		**6**	< 1 U	< 1 U	**25**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	**1.2 J**	**2.5**	**2**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	**0.87 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	**7.6**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	**1.9**	**5.6**	**4.4**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	**0.91 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		**14**	< 1 U	**1.7**	**370**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW006	MCA-GW006	MCA-GW007	MCA-GW007	MCA-GW007	MCA-GW008	MCA-GW008	MCA-GW008	MCA-GW009	MCA-GW009	MCA-GW009	MCA-GW010
				Sample Date	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.4**	< 2 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	< 5 U	**12**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	< 5 U	**1 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.8**	< 1 U	< 1 U	**5.5**	**0.96 J**
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		**23**	**1.6**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**13**	**110**	**74**	**61**
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		**1.2**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 4 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**5.8**	< 2 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**75**	**5.7**	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		**8.4**	**6.1**	**1**	**3.3**	< 1 U	< 1 U	< 1 U	< 1 U	**13**	**490**	**950**	**290**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW011	MCA-GW011	MCA-GW011	MCA-GW013	MCA-GW013	MCA-GW013	MCA-GW014	MCA-GW015	MCA-GW015	MCA-GW015	MCA-GW016	MCA-GW016
				Sample Date	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			**10**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**5.2**	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**17**	**7.6**	< 5 U	**46**	**5.6**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	**1.1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**34**	**1.2**	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**3.2**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	**1.1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	**1.4**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		**1.5**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	**1.4**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.84 J**	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW016	MCA-GW017	MCA-GW018	MCA-GW019	MCA-GW019	MCA-GW019	MCA-GW020	MCA-GW020	MCA-GW020	MCA-GW021	MCA-GW021	MCA-GW021
				Sample Date	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	< 5 U	**5.7**	< 5 U	< 5 U	**19**	< 5 U	< 5 U	**6.4**	< 5 U	< 5 U	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	**1.4 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	< 1 U	**15**	< 1 U	**9.8**	**3.2**	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.9**	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 U	**11**	< 1 U	**9.1**	**12**	< 1 U	< 1 U	**1.2**	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW022	MCA-GW023	MCA-GW023	MCA-GW023	MCA-GW025	MCA-GW025	MCA-GW025	MCA-GW026	MCA-GW027	MCA-GW027	MCA-GW027	MCA-GW028
				Sample Date	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.8 J**	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			**7.7**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			**54**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**18**	**8.7**	< 5 U	**44 J**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		**1.8**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			**1.3 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		**11**	**1.3**	**2.2**	< 1 U	< 1 U	**140**	< 1 U	< 1 U	**1.6 J**	**1.6**	**29**	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**14**	**3.8**	**46**	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**120**	**34**	**420**	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	**3.1**	**2.7**	**2.8**	< 1 U	**6.4**	**2.9**	< 10 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**51**	**22**	**90**	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.8 J**	**1**	< 10 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.7**	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		**26**	**2.3**	**10**	**1.3**	< 1 U	**76**	**3.3**	< 1 U	< 2 U	< 1 U	< 10 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW031	MCA-GW031	MCA-GW031	MCA-GW032	MCA-GW032	MCA-GW032	MCA-GW033	MCA-GW033	MCA-GW033	MCA-GW034	MCA-GW034	MCA-GW034
				Sample Date	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	10/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	**13 J**	< 5 UJ	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**7.7**	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**3.6 J**	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	**1.2**	**0.88 J**	**1.3**	**4.1**	< 1 U	< 1 U	**11**	**1 J**	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**4.8**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	**2.5**	< 1 U	< 1 U	**2.8**	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	**3**	**6.8**	**2.6**	**35**	< 1 U	**3.7**	**170**	**70**	< 1 U	< 1 U	**0.95 J**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW035	MCA-GW035	MCA-GW035	MCA-GW036	MCA-GW036	MCA-GW036	MCA-GW037	MCA-GW037	MCA-GW037	MCA-GW038	MCA-GW038	MCA-GW038
				Sample Date	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	**27**	< 5 U	**18**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	< 5 U	< 5 U	**15**	< 5 U	**5.5**	< 5 U	< 5 U	< 5 U	**9.5**	< 5 U	**13**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**8.5**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	**1.1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW039	MCA-GW039	MCA-GW039	MCA-GW040	MCA-GW040	MCA-GW040	MCA-GW041	MCA-GW041	MCA-GW041	MCA-GW042	MCA-GW042B	MCA-GW042B
				Sample Date	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	11/5/2002	2/6/2003	2/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			**13**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**30**	< 25 U	< 25 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			**1.2 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 1 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.4**	< 1 U	< 1 U	< 1 U	< 1 U	**1**	**1**
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	**7.5**	**1.8**	**11**	< 1 U	< 1 U	< 1 U	**3.9**	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**1.6 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**4.2**	**4.1**	**4.7**	< 1 U	< 5 U	< 5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	**26**	**2.7**	**110**	< 1 U	< 1 U	< 1 U	**6.7**	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW042B	MCA-GW043	MCA-GW043	MCA-GW043	MCA-GW045	MCA-GW045	MCA-GW045	MCA-GW046	MCA-GW046	MCA-GW046	MCA-GW047	MCA-GW047
				Sample Date	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 50 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	**96 J**	< 130 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			**1**	**1**	< 1 U	**1**	**1**	**1**	**1**	**1**	**1**	**1**	< 5 U	< 5 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		**2.6**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**17**	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 25 U	< 25 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.88 J**	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		**13**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.5**	< 1 U	< 1 U	< 1 U	< 5 U	**59**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW047	MCA-GW048	MCA-GW048	MCA-GW048	MCA-GW051	MCA-GW051	MCA-GW051	MCA-GW052	MCA-GW052	MCA-GW052	MCA-GW054	MCA-GW061
				Sample Date	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	**1**	< 1 U	**1**
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	**15**	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	**6.4 J**
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 25 U	**110**	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	**25**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 1 U	< 1 U	< 1 U	< 1 U	**1**	**1**	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	**1**	< 1 U	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	**1**
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		**2.1**	**11**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**4.9**	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	**1**	**1**	**1**	< 1 U	< 1 U	< 1 U	**1**	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**0.44 J**	< 5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		**1.1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	**1**	**1**	**1**	< 1 U	< 1 U	< 1 U	**1**	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**59**	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW061	MCA-GW061	MCA-GW062	MCA-GW062	MCA-GW062	MCA-GW064	MCA-GW064	MCA-GW064	MCA-GW067	MCA-GW067	MCA-GW067	MCA-GW068
				Sample Date	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				**1**	**1**	**1**	**1**	**1**	< 1 U	**1**	**1**	< 1 U	< 1 U	< 1 U	**1**
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			**11**	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	**11**	**4.1 J**	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			**44**	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	**13 J**	**18 J**	< 25 U	< 25 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		**0.57 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.4**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	**1.1**	**0.92 J**	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			**1**	**1**	**1**	**1**	**1**	< 1 U	< 1 U	< 1 U	**1**	**1**	**1**	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.55 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.72 J**	**74**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.69 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	**1.8**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	**4.6**	**2.3**	< 1 U	< 1 U	< 1 U	**5.9**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW068	MCA-GW068	MCA-GW070	MCA-GW070	MCA-GW070	MCA-GW074	MCA-GW074	MCA-GW074	MCA-GW076	MCA-GW076	MCA-GW076	MCA-GW077
				Sample Date	2/6/2003	2/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																
1,1,1,2-Tetrachloroethane	0.57				**1**	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.7 J**	**34**	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 1 U	< 1 U	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	**1**	**1**	**1**	**1**	**1**	**1**	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**21**	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**2.9**	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GW077	MCA-GW077	MCA-GW078	MCA-GW078	MCA-GW078	MCA-GWHGL-10B	MCA-GWHGL-10C	MCA-GWHGL-11B	MCA-GWHGL-11C	MCA-GWHGL-1B
				Sample Date	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)														
1,1,1,2-Tetrachloroethane	0.57				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	--	--	--	--	--
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 5 U	< 5 U	< 5 UJ	< 5 UJ	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			**1**	**1**	**1**	**1**	**1**	< 5 U	< 5 U	< 5 UJ	< 5 UJ	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			< 1 U	< 1 U	**1**	**1**	**1**	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--	--
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--	--
Chloromethane	190	19			--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					**1**	**1**	**1**	**1**	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--	--
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					**1**	**1**	**1**	**1**	**1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GWHGL-1C	MCA-GWHGL-2B	MCA-GWHGL-2C	MCA-GWHGL-3B	MCA-GWHGL-3C	MCA-GWHGL-4B	MCA-GWHGL-4C	MCA-GWHGL-5B	MCA-GWHGL-5C
				Sample Date	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)													
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			--	--	--	--	--	--	--	--	--
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	< 5 U	< 5 U	< 5 UJ	< 5 U	< 5 U	< 5 U	**3.5 J**	< 5 UJ
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	**0.91 J**	< 1 UJ	**14**	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 UJ	< 5 U	< 5 U	< 5 U	< 5 UJ	< 5 UJ
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		--	--	--	--	--	--	--	--	--
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		--	--	--	--	--	--	--	--	--
Chloromethane	190	19			--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 UJ	**10**	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 UJ	**5.1**	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--
o-Xylene	190	19			< 1 U	< 1 U	< 1 U	< 1 UJ	**7.6**	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 UJ	**1.6**	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-GWHGL-6B	MCA-GWHGL-6B (DUP)	MCA-GWHGL-6C	MCA-GWHGL-7B	MCA-GWHGL-7C	MCA-GWHGL-8B	MCA-GWHGL-8C	MCA-GWHGL-9B	MCA-GWHGL-9C
				Sample Date	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)													
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.076				--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.7				--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 10 U	**1.3**	**93**	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		--	--	--	--	--	--	--	--	--
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			--	--	--	--	--	--	--	--	--
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			--	--	--	--	--	--	--	--	--
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			--	--	--	--	--	--	--	--	--
Acetone	14,000	1,400			< 5 U	< 5 U	< 50 U	< 5 UJ	< 250 UJ	< 5 U	< 5 U	< 5 U	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 10 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		--	--	--	--	--	--	--	--	--
Bromomethane	7.5	0.75			--	--	--	--	--	--	--	--	--
Carbon disulfide	810	81			< 5 U	< 5 U	< 50 U	< 5 UJ	< 250 UJ	< 5 U	< 5 U	**1.1 J**	< 5 U
Carbon tetrachloride	0.45		5		--	--	--	--	--	--	--	--	--
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		--	--	--	--	--	--	--	--	--
Chloroethane	21,000	2,100			--	--	--	--	--	--	--	--	--
Chloroform	0.22		80		--	--	--	--	--	--	--	--	--
Chloromethane	190	19			--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	36	3.6	70		**12**	**12**	**460**	**19**	**3,500**	< 1 U	< 1 U	< 1 U	**1.2**
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		--	--	--	--	--	--	--	--	--
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 20 U	< 2 U	< 100 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--
o-Xylene	190	19			< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		--	--	--	--	--	--	--	--	--
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 1 U	< 1 U	< 10 U	< 1 U	**29 J**	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		--	--	--	--	--	--	--	--	--
Trichloroethene	0.49	0.28	5		**39**	**39**	**3,800**	**190**	**16,000**	**1.9**	< 1 U	< 1 U	**1.7**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 10 U	< 1 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	MCA-GWXX-15	MCA-GWXX-17	MCA-GWXX-18	MCA-GWXX-19	MCA-GWXX-21	MCA-GWXX-22	MCA-GWXX-24	MCA-GWXX-25	MCA-VP-1	MCA-VP-1	MCA-VP-1
Location ID				MCA-GWXX-15	MCA-GWXX-17	MCA-GWXX-18	MCA-GWXX-19	MCA-GWXX-21	MCA-GWXX-22	MCA-GWXX-24	MCA-GWXX-25	MCA-VP-1	MCA-VP-1	MCA-VP-1
Sample Date				3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	3/6/2003	9/3/2003	9/3/2003	9/3/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)														
1,1,1,2-Tetrachloroethane	0.57			--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,1,1-Trichloroethane	8,000	800	200	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076			--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500		--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,1-Dichloroethane	2.7			--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,1-Dichloroethene	280	28	7	< 1 U	< 1 U	< 1 U	< 1 U	**7.3**	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
1,1-Dichloropropene				--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2,3-Trichlorobenzene	7	0.7		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2,3-Trichloropropane	0.00075			--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2,4-Trimethylbenzene	15	1.5		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2-Dibromoethane	0.0075		0.05	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2-Dichlorobenzene	300	30	600	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2-Dichloroethane	0.17		5	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,2-Dichloroethene				--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,3,5-Trimethylbenzene	120	12		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,3-Dichlorobenzene				--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,3-Dichloropropane	370	37		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
1,4-Dichlorobenzene	0.48		75	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
2,2-Dichloropropane				--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
2-Butanone	5,600	560		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
2-Chlorotoluene	240	24		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
2-Hexanone	38	3.8		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
4-Chlorotoluene	250	25		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
4-Methyl-2-pentanone	1,200	120		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Acetone	14,000	1,400		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2.8 UJ	< 5 U	< 2 U	< 2 U	< 2 U
Acrolein	0.042	0.0042		--	--	--	--	--	--	--	--	< 4 U	< 4 U	< 4 U
Acrylonitrile	0.052			--	--	--	--	--	--	--	--	< 4 U	< 4 U	< 4 U
Benzene	0.45		5	< 1 U	< 1 U	< 1 U	< 1 U	**1.1**	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Benzene, 1-methylethyl	450	45		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Bromobenzene	62	6.2		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Bromochloromethane	83	8.3		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Bromodichloromethane	0.13		80	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Bromomethane	7.5	0.75		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U	< 2 U	< 2 U
Carbon tetrachloride	0.45		5	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
CFC-11	1,100	110		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
CFC-12	200	20		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Chlorobenzene	78	7.8	100	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Chloromethane	190	19		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70	< 1 U	< 1 U	**86**	< 1 U	**1,000**	**37**	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
cis-1,3-Dichloropropene				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Cyclohexane	13,000	1,300		--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Dibromomethane	8	0.8		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Dioxane, 1,4-	0.78			--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Hexachlorobutadiene	0.3			--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Iodomethane				--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
m,p-Xylene		19		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000		--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14			--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Methylcyclohexane				--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Naphthalene	0.17			--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
n-Butylbenzene	1,000	100		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
n-Propylbenzene	660	66		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
o-Xylene	190	19		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
p-Isopropyltoluene				--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
sec-Butylbenzene	2,000	200		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Styrene	1,200	120	100	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
tert-Butylbenzene	690	69		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Tetrachloroethene	11	4.1	5	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Toluene	1,100	110	1,000	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
trans-1,2-Dichloroethene	360	36	100	< 1 U	< 1 U	< 1 U	< 1 U	**7.8**	**1.6**	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
trans-1,3-Dichloropropene				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Tribromomethane	9.2		80	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Trichloroethene	0.49	0.28	5	< 1 U	**0.93 J**	< 1 U	< 1 U	**240**	**160**	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Vinyl acetate	410	41		--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U
Vinyl chloride	0.019		2	< 1 U	< 1 U	< 1 U	< 1 U	**2.1**	**6.9**	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U
Xylenes (total)	190	19	10000	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	MCA-VP-1 9/3/2003	MCA-VP-1 9/3/2003	MCA-VP-1 9/4/2003	MCA-VP-1 9/4/2003	MCA-VP-2 7/11/2003	MCA-VP-2 7/11/2003	MCA-VP-2 7/11/2003	MCA-VP-2 7/11/2003	MCA-VP-2 7/11/2003	MCA-VP-2 7/11/2003	MCA-VP-2 7/11/2003	MCA-VP-3 7/11/2003	MCA-VP-3 7/11/2003	MCA-VP-3 7/11/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																	
1,1,1,2-Tetrachloroethane	0.57			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,1-Trichloroethane	8,000	800	200	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500		--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethane	2.7			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethene	280	28	7	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloropropene				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,3-Trichlorobenzene	7	0.7		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,3-Trichloropropane	0.00075			--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,4-Trimethylbenzene	15	1.5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dibromoethane	0.0075		0.05	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichlorobenzene	300	30	600	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethane	0.17		5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethene				--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3,5-Trimethylbenzene	120	12		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3-Dichlorobenzene				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3-Dichloropropane	370	37		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,4-Dichlorobenzene	0.48		75	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2,2-Dichloropropane				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Butanone	5,600	560		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Chlorotoluene	240	24		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Hexanone	38	3.8		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
4-Chlorotoluene	250	25		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
4-Methyl-2-pentanone	1,200	120		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Acetone	14,000	1,400		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Acrolein	0.042	0.0042		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Acrylonitrile	0.052			< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Benzene	0.45		5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Benzene, 1-methylethyl	450	45		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromobenzene	62	6.2		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromochloromethane	83	8.3		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromodichloromethane	0.13		80	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromomethane	7.5	0.75		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon tetrachloride	0.45		5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-11	1,100	110		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-12	200	20		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chlorobenzene	78	7.8	100	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloromethane	190	19		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,3-Dichloropropene				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Cyclohexane	13,000	1,300		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dibromomethane	8	0.8		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dioxane, 1,4-	0.78			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Hexachlorobutadiene	0.3			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Iodomethane				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
m,p-Xylene		19		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methylcyclohexane				--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Naphthalene	0.17			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
n-Butylbenzene	1,000	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
n-Propylbenzene	660	66		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
o-Xylene	190	19		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
p-Isopropyltoluene				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
sec-Butylbenzene	2,000	200		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Styrene	1,200	120	100	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
tert-Butylbenzene	690	69		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tetrachloroethene	11	4.1	5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Toluene	1,100	110	1,000	**0.22 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
trans-1,2-Dichloroethene	360	36	100	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
trans-1,3-Dichloropropene				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tribromomethane	9.2		80	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Trichloroethene	0.49	0.28	5	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl acetate	410	41		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl chloride	0.019		2	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes (total)	190	19	10000	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-VP-3	MCA-VP-3	MCA-VP-3	MCA-VP-3	MCA-VP-4	MCA-VP-4	MCA-VP-4	MCA-VP-4	MCA-VP-4	MCA-VP-4	MCA-VP-4	MCA-VP-5	MCA-VP-5	MCA-VP-5
				Sample Date	7/11/2003	7/11/2003	7/11/2003	7/11/2003	9/3/2003	9/3/2003	9/3/2003	9/3/2003	9/3/2003	9/3/2003	9/4/2003	6/27/2003	6/27/2003	6/27/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																		
1,1,1,2-Tetrachloroethane	0.57				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,1-Trichloroethane	8,000	800	200		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethane	2.7				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethene	280	28	7		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,3-Trichlorobenzene	7	0.7			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,4-Trimethylbenzene	15	1.5			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dibromoethane	0.0075		0.05		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichlorobenzene	300	30	600		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethane	0.17		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3,5-Trimethylbenzene	120	12			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3-Dichlorobenzene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3-Dichloropropane	370	37			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,4-Dichlorobenzene	0.48		75		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2,2-Dichloropropane					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Butanone	5,600	560			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Chlorotoluene	240	24			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Hexanone	38	3.8			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
4-Chlorotoluene	250	25			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
4-Methyl-2-pentanone	1,200	120			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Acetone	14,000	1,400			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Acrolein	0.042	0.0042			< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Acrylonitrile	0.052				< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Benzene	0.45		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Benzene, 1-methylethyl	450	45			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromobenzene	62	6.2			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromochloromethane	83	8.3			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromodichloromethane	0.13		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon tetrachloride	0.45		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-11	1,100	110			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-12	200	20			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.46 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloromethane	190	19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,3-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dibromomethane	8	0.8			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Hexachlorobutadiene	0.3				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Iodomethane					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Naphthalene	0.17				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
n-Butylbenzene	1,000	100			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
n-Propylbenzene	660	66			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
o-Xylene	190	19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
p-Isopropyltoluene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
sec-Butylbenzene	2,000	200			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Styrene	1,200	120	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
tert-Butylbenzene	690	69			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tetrachloroethene	11	4.1	5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Toluene	1,100	110	1,000		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.29 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
trans-1,2-Dichloroethene	360	36	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
trans-1,3-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tribromomethane	9.2		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Trichloroethene	0.49	0.28	5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl acetate	410	41			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl chloride	0.019		2		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-VP-5	MCA-VP-5	MCA-VP-5	MCA-VP-5	MCA-VP-6	MCA-VP-6	MCA-VP-6	MCA-VP-6	MCA-VP-6	MCA-VP-6	MCA-VP-6	MCA-VP-7	MCA-VP-7	MCA-VP-7
				Sample Date	6/27/2003	6/27/2003	6/27/2003	6/27/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/5/2003	9/5/2003	9/5/2003
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																		
1,1,1,2-Tetrachloroethane	0.57				< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,1-Trichloroethane	8,000	800	200		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076				< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethane	2.7				< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethene	280	28	7		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloropropene					< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,3-Trichlorobenzene	7	0.7			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2,4-Trimethylbenzene	15	1.5			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dibromoethane	0.0075		0.05		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichlorobenzene	300	30	600		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethane	0.17		5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3,5-Trimethylbenzene	120	12			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3-Dichlorobenzene					< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3-Dichloropropane	370	37			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,4-Dichlorobenzene	0.48		75		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2,2-Dichloropropane					< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Butanone	5,600	560			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Chlorotoluene	240	24			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2-Hexanone	38	3.8			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
4-Chlorotoluene	250	25			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
4-Methyl-2-pentanone	1,200	120			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Acetone	14,000	1,400			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Acrolein	0.042	0.0042			< -- IS	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Acrylonitrile	0.052				< -- IS	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Benzene	0.45		5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Benzene, 1-methylethyl	450	45			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromobenzene	62	6.2			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromochloromethane	83	8.3			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromodichloromethane	0.13		80		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Bromomethane	7.5	0.75			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon tetrachloride	0.45		5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-11	1,100	110			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-12	200	20			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chlorobenzene	78	7.8	100		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloromethane	190	19			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,3-Dichloropropene					< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dibromomethane	8	0.8			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Hexachlorobutadiene	0.3				< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Iodomethane					< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
m,p-Xylene		19			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Naphthalene	0.17				< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
n-Butylbenzene	1,000	100			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
n-Propylbenzene	660	66			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
o-Xylene	190	19			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
p-Isopropyltoluene					< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
sec-Butylbenzene	2,000	200			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Styrene	1,200	120	100		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
tert-Butylbenzene	690	69			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tetrachloroethene	11	4.1	5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Toluene	1,100	110	1,000		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
trans-1,2-Dichloroethene	360	36	100		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
trans-1,3-Dichloropropene					< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tribromomethane	9.2		80		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Trichloroethene	0.49	0.28	5		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl acetate	410	41			< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl chloride	0.019		2		< -- IS	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MCA-VP-7	MCA-VP-7	MCA-VP-7	MCA-VP-7	MCA-VP-8	MCA-VP-8	MCA-VP-8	MCA-VP-8	MCA-VP-8	MCA-VP-8	MCA-VP-8	MVP-1	MVP-1	MVP-1
				Sample Date	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	12/6/2002	12/6/2002	12/6/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																		
1,1,1,2-Tetrachloroethane	0.57				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,1,1-Trichloroethane	8,000	800	200		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,1-Dichloroethane	2.7				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,1-Dichloroethene	280	28	7		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,1-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,2,3-Trichlorobenzene	7	0.7			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	< 2 U	< 10 U	< 2 U
1,2,4-Trichlorobenzene	1.1	0.4	70		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,2,4-Trimethylbenzene	15	1.5			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2-Dibromoethane	0.0075		0.05		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,2-Dichlorobenzene	300	30	600		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,2-Dichloroethane	0.17		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,3,5-Trimethylbenzene	120	12			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,3-Dichlorobenzene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,3-Dichloropropane	370	37			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
1,4-Dichlorobenzene	0.48		75		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
2,2-Dichloropropane					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
2-Butanone	5,600	560			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
2-Chlorotoluene	240	24			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
2-Hexanone	38	3.8			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
4-Chlorotoluene	250	25			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
4-Methyl-2-pentanone	1,200	120			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Acetone	14,000	1,400			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Acrolein	0.042	0.0042			< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	--	--	--
Acrylonitrile	0.052				< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	--	--	--
Benzene	0.45		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Benzene, 1-methylethyl	450	45			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Bromobenzene	62	6.2			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Bromochloromethane	83	8.3			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Bromodichloromethane	0.13		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Carbon disulfide	810	81			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Carbon tetrachloride	0.45		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
CFC-11	1,100	110			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
CFC-12	200	20			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Chloroform	0.22		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Chloromethane	190	19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70		**8.11**	**0.51 J**	**0.23 J**	< 2 U	< 2 U	< 2 U	< 2 U	**1.8 J**	< 2 U	**0.34 J**	< 2 U	< 2 U	< 10 U	< 2 U
cis-1,3-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Dibromomethane	8	0.8			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.96 J**	< 10 U	< 2 U
Hexachlorobutadiene	0.3				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Iodomethane					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
m,p-Xylene		19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Naphthalene	0.17				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
n-Butylbenzene	1,000	100			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
n-Propylbenzene	660	66			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
o-Xylene	190	19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
p-Isopropyltoluene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
sec-Butylbenzene	2,000	200			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Styrene	1,200	120	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
tert-Butylbenzene	690	69			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Tetrachloroethene	11	4.1	5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Toluene	1,100	110	1,000		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.39 J**	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
trans-1,2-Dichloroethene	360	36	100		**0.44 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
trans-1,3-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Tribromomethane	9.2		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Trichloroethene	0.49	0.28	5		**46.2 J**	**9.55**	**1.47 J**	**0.42 J**	< 2 U	< 2 U	< 2 U	**4.33**	**1.17 J**	**1.79 J**	< 2 U	< 2 U	< 10 U	< 2 U
Vinyl acetate	410	41			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Vinyl chloride	0.019		2		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MVP-1	MVP-1	MVP-1	MVP-1	MVP-1	MVP-2	MVP-2	MVP-2	MVP-2	MVP-2	MVP-2	MVP-2	MVP-2
				Sample Date	12/6/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002	12/7/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																	
1,1,1,2-Tetrachloroethane	0.57				< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,1,1-Trichloroethane	8,000	800	200		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076				< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,1-Dichloroethane	2.7				< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,1-Dichloroethene	280	28	7		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,1-Dichloropropene					< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2,3-Trichlorobenzene	7	0.7			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2,3-Trichloropropane	0.00075				< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2,4-Trichlorobenzene	1.1	0.4	70		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2,4-Trimethylbenzene	15	1.5			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2-Dichlorobenzene	300	30	600		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2-Dichloroethane	0.17		5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,3,5-Trimethylbenzene	120	12			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,3-Dichlorobenzene					< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,3-Dichloropropane	370	37			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
1,4-Dichlorobenzene	0.48		75		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
2,2-Dichloropropane					< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
2-Butanone	5,600	560			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
2-Chlorotoluene	240	24			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
2-Hexanone	38	3.8			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
4-Chlorotoluene	250	25			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
4-Methyl-2-pentanone	1,200	120			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Acetone	14,000	1,400			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Benzene, 1-methylethyl	450	45			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Bromobenzene	62	6.2			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Bromochloromethane	83	8.3			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Bromodichloromethane	0.13		80		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Bromomethane	7.5	0.75			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Carbon disulfide	810	81			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Carbon tetrachloride	0.45		5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
CFC-11	1,100	110			--	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
CFC-12	200	20			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Chlorobenzene	78	7.8	100		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Chloroform	0.22		80		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Chloromethane	190	19			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
cis-1,3-Dichloropropene					< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Dibromomethane	8	0.8			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 20 U	< 10 U	< 10 U	**1.41 J**	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Hexachlorobutadiene	0.3				< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Naphthalene	0.17				< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
n-Butylbenzene	1,000	100			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
n-Propylbenzene	660	66			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
o-Xylene	190	19			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
p-Isopropyltoluene					< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
sec-Butylbenzene	2,000	200			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Styrene	1,200	120	100		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
tert-Butylbenzene	690	69			< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Tetrachloroethene	11	4.1	5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Toluene	1,100	110	1,000		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
trans-1,2-Dichloroethene	360	36	100		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
trans-1,3-Dichloropropene					< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Tribromomethane	9.2		80		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Trichloroethene	0.49	0.28	5		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Vinyl acetate	410	41			--	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 4 U	< 4 U	< 4 U	< 20 U	< 4 U	< 4 U
Vinyl chloride	0.019		2		< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 2 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MVP-3	MVP-3	MVP-3	MVP-3	MVP-3	MVP-3	MVP-3	MVP-3	MVP-4	MVP-4	MVP-4	MVP-4	MVP-4
				Sample Date	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/9/2002	12/9/2002	12/9/2002	12/9/2002	12/9/2002
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																	
1,1,1,2-Tetrachloroethane	0.57				< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,1,1-Trichloroethane	8,000	800	200		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,1,2,2-Tetrachloroethane	0.076				< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,1-Dichloroethane	2.7				< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,1-Dichloroethene	280	28	7		< 2 U	< 10 U	**2.22**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,1-Dichloropropene					< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2,3-Trichlorobenzene	7	0.7			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2,3-Trichloropropane	0.00075				< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2,4-Trichlorobenzene	1.1	0.4	70		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2,4-Trimethylbenzene	15	1.5			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2-Dichlorobenzene	300	30	600		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2-Dichloroethane	0.17		5		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	0.44		5		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,3,5-Trimethylbenzene	120	12			< 2 U	< 10 U	**16.1**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,3-Dichlorobenzene					< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,3-Dichloropropane	370	37			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
1,4-Dichlorobenzene	0.48		75		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
2,2-Dichloropropane					< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
2-Butanone	5,600	560			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
2-Chlorotoluene	240	24			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
2-Hexanone	38	3.8			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
4-Chlorotoluene	250	25			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
4-Methyl-2-pentanone	1,200	120			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Acetone	14,000	1,400			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 2 U	< 10 U	**1.16 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Benzene, 1-methylethyl	450	45			< 2 U	< 10 U	**2.3**	**2.06**	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Bromobenzene	62	6.2			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Bromochloromethane	83	8.3			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Bromodichloromethane	0.13		80		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Bromomethane	7.5	0.75			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Carbon disulfide	810	81			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Carbon tetrachloride	0.45		5		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
CFC-11	1,100	110			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
CFC-12	200	20			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Chlorobenzene	78	7.8	100		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Chloroethane	21,000	2,100			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Chloroform	0.22		80		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Chloromethane	190	19			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
cis-1,2-Dichloroethene	36	3.6	70		**12**	**114**	**969**	**578**	**49.1**	**42.8**	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	**6.95**	**1.05 J**
cis-1,3-Dichloropropene					< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Dibromomethane	8	0.8			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 2 U	< 10 U	**1.31 J**	**0.77 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Hexachlorobutadiene	0.3				< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Naphthalene	0.17				< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
n-Butylbenzene	1,000	100			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
n-Propylbenzene	660	66			< 2 U	< 10 U	**2.45**	**2.18**	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
o-Xylene	190	19			< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
p-Isopropyltoluene					< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
sec-Butylbenzene	2,000	200			< 2 U	< 10 U	< 2 U	**1.08 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Styrene	1,200	120	100		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
tert-Butylbenzene	690	69			< 2 U	< 10 U	< 2 U	**0.68 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Tetrachloroethene	11	4.1	5		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Toluene	1,100	110	1,000		< 2 U	< 10 U	**0.69 J**	**0.6 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
trans-1,2-Dichloroethene	360	36	100		< 2 U	< 10 U	**4.39**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
trans-1,3-Dichloropropene					< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Tribromomethane	9.2		80		< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Trichloroethene	0.49	0.28	5		**7.85**	**108**	**453**	**201**	**36**	**33.3**	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Vinyl acetate	410	41			< 4 U	< 20 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U	< 20 U	< 4 U	< 20 U
Vinyl chloride	0.019		2		< 2 U	< 10 U	**7.73**	**3.23**	< 2 U	**0.75 J**	< 2 U	< 2 U	< 10 U	< 10 U	< 10 U	< 2 U	< 10 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	MVP-4	MVP-4	MVP-4	MVP-5	MVP-5	MVP-5	MVP-5	MVP-5	MVP-5	MVP-5	MVP-5	XX-01	XX-01	XX-01
				Sample Date	12/9/2002	12/9/2002	12/9/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	12/8/2002	9/26/1999	9/26/1999	9/26/1999
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																		
1,1,1,2-Tetrachloroethane	0.57				< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076				< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethane	2.7				< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethene	280	28	7		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloropropene					< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2,3-Trichlorobenzene	7	0.7			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2,3-Trichloropropane	0.00075				< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2,4-Trimethylbenzene	15	1.5			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2-Dichlorobenzene	300	30	600		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,2-Dichloroethane	0.17		5		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethene					--	--	--	--	--	--	--	--	--	--	--	**0.71 J**	**2**	**41.8**
1,2-Dichloropropane	0.44		5		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3,5-Trimethylbenzene	120	12			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,3-Dichlorobenzene					< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,3-Dichloropropane	370	37			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
1,4-Dichlorobenzene	0.48		75		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
2,2-Dichloropropane					< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
2-Butanone	5,600	560			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
2-Hexanone	38	3.8			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
4-Methyl-2-pentanone	1,200	120			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 5 U	< 5 U	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Benzene, 1-methylethyl	450	45			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Bromobenzene	62	6.2			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Bromochloromethane	83	8.3			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Bromodichloromethane	0.13		80		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 5 U	< 5 U	< 5 U
Bromomethane	7.5	0.75			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**3.8 J**	**1.3 J**	< 5 U
Carbon tetrachloride	0.45		5		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-11	1,100	110			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
CFC-12	200	20			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Chlorobenzene	78	7.8	100		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloromethane	190	19			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70		**2.98 J**	**1.52 J**	**0.7 J**	**16.6**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
cis-1,3-Dichloropropene					< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dibromomethane	8	0.8			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.53 J**
Hexachlorobutadiene	0.3				< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**1.1 J**	< 2 U	< 2 U
Naphthalene	0.17				< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
n-Butylbenzene	1,000	100			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
n-Propylbenzene	660	66			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
o-Xylene	190	19			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
p-Isopropyltoluene					< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
sec-Butylbenzene	2,000	200			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Styrene	1,200	120	100		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
tert-Butylbenzene	690	69			< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
Tetrachloroethene	11	4.1	5		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Toluene	1,100	110	1,000		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.71 J**
trans-1,2-Dichloroethene	360	36	100		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	--	--	--
trans-1,3-Dichloropropene					< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tribromomethane	9.2		80		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Trichloroethene	0.49	0.28	5		< 10 U	< 2 U	< 2 U	**6.83 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**39.4**
Vinyl acetate	410	41			< 20 U	< 4 U	< 4 U	< 10 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	--	--	--
Vinyl chloride	0.019		2		< 10 U	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes (total)	190	19	10000		--	--	--	--	--	--	--	--	--	--	--	< 6 U	**0.7 J**	**2.8 J**

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-01	XX-01	XX-01	XX-01	XX-02	XX-02	XX-02	XX-02	XX-02	XX-02	XX-02	XX-02	XX-02	XX-03	XX-03	XX-03
				Sample Date	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 2 U	**1.4 J**	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2,2-Tetrachloroethane	0.076				< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethane	2.7				**0.52 J**	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,1-Dichloroethene	280	28	7		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**3.5**
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloroethene					**69.5**	**98.2 D**	**403**	**2.9**	< 2 U	< 2 U	**2.1**	< 2 U	< 2 U	< 2 U	**0.54 J**	**1.5 J**	< 2 U	< 2 U	**2**	**88.8 D**
1,2-Dichloropropane	0.44		5		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**1.9 J**	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			**5 JB**	< 5 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**5 JB**	**5 JB**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.74 J**	**0.79 J**
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 5 U	< 5 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**1.1 J**	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	0.22		80		< 2 U	< 2 U	< 20 U	**0.71 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloromethane	190	19			< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		< 2 U	**4.6 B**	**9 J**	**4.5 B**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**2 JB**	< 2 U	< 2 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		**1.2 J**	**1 J**	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Toluene	1,100	110	1,000		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tribromomethane	9.2		80		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Trichloroethene	0.49	0.28	5		**139 D**	**258 D**	**560**	**33.9**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**1 J**	**21.9**	< 2 U	**4.7**	**22.4**	**997 D**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 2 U	< 2 U	< 20 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes (total)	190	19	10000		< 6 U	< 6 U	< 60 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	**0.6 J**	< 6 U	< 6 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-03	XX-03	XX-03	XX-03	XX-03	XX-04	XX-04	XX-04	XX-04	XX-04	XX-04	XX-04	XX-04 (DUP)	XX-04	XX-04	XX-05
				Sample Date	9/26/1999	9/26/1999	9/26/1999	9/26/1999	9/26/1999	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		**9.8**	**2.2**	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.34 J**	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					**274 D**	**80.7**	**2**	**11.2**	**1.4 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.27 J**	< 2 U	< 2 U	< 2 U
1,2-Dichloropropane	0.44		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	**5 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**2.9 J**	**4.2 J**	**2.8 J**	**4.4 J**	**3.2 J**	**3.6 J**	**5.7 B**	**7.5 B**	**6.9 B**	**5.1 B**	**3.9 J**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		**0.83 J**	**1.1 J**	**1.2 J**	**1.6 J**	**4.8**	**0.16 J**	**0.38 J**	**0.2 J**	< 1 U	< 1 U	< 1 U	< 1 U	**12.7**	**5.3**	**1.7**	**0.57 J**
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	**0.82 J**	< 5 U	**1.2 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 2 U	< 2 U	< 2 U	< 2 U	**1.4 J**	**0.062 J**	**0.06 J**	**0.064 J**	**0.11 J**	**0.065 J**	**0.063 J**	**0.086 J**	**18.9**	**8.7**	**0.18 J**	**0.061 J**
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		**4.4 B**	**3.5 B**	**0.75 J**	**4.3 B**	**2 JB**	**1.9 J**	**2 J**	< 5 U	**1.3 J**	**1.1 J**	**1.1 J**	< 5 U	**5 JB**	**5 JB**	< 5 U	< 5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.2 J**	**0.22 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.82 J**	< 1 U	< 1 U	**0.13 J**
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**7.9**	**4.1**	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.27 J**	**0.28 J**	**0.42 J**	**0.63 J**	**0.35 J**	**0.37 J**	**0.6 J**	**3.7**	**2.2**	**0.51 J**	**0.35 J**
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		**2,440 D**	**674 D**	**85.3**	**116 D**	**36.5**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.24 J**	**0.25 J**	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 6 U	< 6 U	< 6 U	< 6 U	**2.6 J**	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	**58.8**	**23.6**	< 3 U	< 3 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-05	XX-05	XX-05	XX-05	XX-05	XX-05	XX-05	XX-05	XX-06	XX-06	XX-06	XX-06	XX-06	XX-06	XX-06	XX-06 (DUP)
				Sample Date	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/20/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			**4.3 J**	**5.3**	**3.9 J**	**5.2**	**3 J**	**4.3 J**	**5**	**5.6**	< 5 U	**1.8 J**	< 5 U	**1.9 J**	< 5 U	**1.7 J**	**1.1 J**	**1.5 J**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		**1.3**	**0.62 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		**0.06 J**	**0.064 J**	**0.071 J**	**0.075 J**	**0.061 J**	**0.074 J**	**0.078 J**	**0.056 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		**1.6 J**	**1.6 J**	**1.7 J**	**1.8 J**	**1.4 J**	**2.4 J**	**2.2 J**	**1.4 J**	**1.2 J**	**1.7 J**	**1.6 J**	**1.3 J**	< 5 U	**5 JB**	**5 JB**	**5 JB**
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		**0.15 J**	**0.18 J**	**0.18 J**	**0.17 J**	**0.22 J**	**0.26 J**	**0.22 J**	**0.16 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.88 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		**0.35 J**	**0.39 J**	**0.29 J**	**0.41 J**	**0.28 J**	**0.4 J**	**0.43 J**	**0.34 J**	**0.35 J**	**0.3 J**	< 1 U	**0.3 J**	**0.29 J**	**0.33 J**	**0.76 J**	**0.51 J**
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-06	XX-06	XX-07	XX-07	XX-07	XX-07	XX-07	XX-07	XX-07	XX-07	XX-07	XX-08	XX-08	XX-08	XX-08	XX-08
				Sample Date	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/19/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			< 5 U	< 5 U	< 5 U	**0.51 J**	< 5 U	**0.94 J**	< 5 U	**0.32 J**	**1.6 J**	< 5 U	**0.62 J**	**5 J**	**5 J**	**5 J**	**5 JB**	**5 JB**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**1.4 J**	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		**1.5 J**	**1 J**	**1.7 J**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	< 5 U	**5 JB**	**5.1 B**	**5 JB**	**5.3 B**	**5 JB**	**5 JB**
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.08 J**	**1 JB**	**1 JB**
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	**0.53 J**	**0.43 J**	**0.55 J**	**0.38 J**	< 1 U	**0.28 J**	< 1 U	< 1 U	**1 J**	**1 J**	**1 J**	**1 J**	< 1 U
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-08	XX-08	XX-08	XX-08	XX-09	XX-09	XX-09	XX-09	XX-09	XX-09	XX-09	XX-09	XX-10	XX-10	XX-10	XX-10
				Sample Date	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**2.7**	**2.1**	< 2 U	< 2 U
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**5 J**
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			< 5 U	**5 JB**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**5 JB**	< 5 U	**5 JB**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	**0.21 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**17.6**	**15.8**	**0.85 J**	**0.19 J**
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	**1.4 J**	**1.9 J**	< 5 U	< 5 U	**2.5 J**	**0.92 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.093 J**
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		**1 JB**	**1 JB**	**1 JB**	**1 JB**	< 1 U	< 1 U	< 1 U	< 1 U	**0.12 J**	< 1 U	< 1 U	< 1 U	**1 JB**	**1 JB**	**1 JB**	**1 JB**
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		**1 J**	< 1 U	< 1 U	**1 J**	**0.47 J**	**0.8 J**	**0.34 J**	**0.83 J**	**0.37 J**	**0.34 J**	**0.28 J**	< 1 U	**1 J**	**1 J**	**1 J**	**1 J**
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.28 J**	**0.3 J**	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	**0.36 J**	**0.29 J**	**0.29 J**	**0.29 J**

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-10	XX-10	XX-10	XX-10	XX-10	XX-10	XX-11	XX-11	XX-11	XX-11	XX-11	XX-11	XX-11	XX-11	XX-12	XX-12
				Sample Date	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/18/2000	2/16/2000	2/16/2000	2/16/2000	2/16/2000	2/16/2000	2/16/2000	2/16/2000	2/16/2000	2/17/2000	2/17/2000
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.34 J**	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	**0.36 J**	**1.9 J**	**0.45 J**	< 2 U	< 2 U	< 2 U
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**6.7**	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**12.6**	< 5 U	< 5 U	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	**0.19 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**1.7 J**	< 5 U	< 5 U	< 5 U	**1.2 J**	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	**0.072 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		**1 JB**	**1 JB**	**1 JB**	**1 JB**	**1 JB**	**1 JB**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		**1 J**	**1 J**	**1 J**	**1 J**	**1 J**	**1 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.7**	**0.85 J**	< 1 U	**27.4**	**134 D**	**30.4**	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-12	XX-12	XX-12	XX-12	XX-12	XX-12	XX-12	XX-12	XX-12	XX-13	XX-13	XX-13	XX-13	XX-13	XX-13
				Sample Date	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/3/2010	12/10/2014	2/16/2000	2/16/2000	2/16/2000	2/16/2000	2/16/2000	2/16/2000
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																			
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	**0.18 J**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					< 2 U	< 2 U	**8.6**	**21.8**	**3.8**	< 2 U	< 2 U	--	--	< 2 U	< 2 U	< 2 U	**2.1**	**2.4**	< 2 U
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			< 5 U	< 5 U	< 5 U	**1.2 J**	**1.4 J**	**6.4**	**4.3 J**	**1.1 J**	< 20 U	< 5 U	**9.4**	< 5 U	< 5 U	< 5 U	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 0.5 U	**0.3 J**	< 5 U	< 5 U	< 5 U	**1.4 J**	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--
CFC-12	200	20			--	--	--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	**0.82 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.16 J**	< 1 U	< 0.5 U	< 1 U	< 1 U	**0.17 J**	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	< 1 U	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--
Methylcyclohexane					--	--	--	--	--	--	--	< 5 U	--	--	--	--	--	--	--
Methylene chloride	11		5		**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	< 0.5 U	< 1 U	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.32 J**	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	< 1 U	**86**	**537 D**	**220 D**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	**71**	**39.7**	**0.4 J**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	**3 J**	**3 J**	< 0.5 U	< 1 U	< 3 U	**3 J**	< 3 U	< 3 U	< 3 U	< 3 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-13	XX-13	XX-13	XX-13	XX-14	XX-14	XX-14	XX-14	XX-14	XX-14	XX-14	XX-14	XX-14	XX-15	XX-15	XX-15
				Sample Date	2/16/2000	2/16/2000	4/12/2010	12/10/2014	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	< 0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	**0.24 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	**4**	**1.4**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**6.1**
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	< 0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	< 0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					< 2 U	< 2 U	--	--	< 2 U	**11.8**	**25.3 J**	**22.1 J**	**23.8**	**50.6**	**5.8**	**4.9**	< 2 U	**7.2**	**63.9**	**501 D**
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	**8.9**	< 10 U	< 10 U	< 5 U	< 5 U	< 250 U	< 250 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 250 U	< 250 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 250 U	< 250 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			< 5 U	< 5 U	**4.1 J**	< 20 U	< 5 U	**4.1 J**	< 250 U	< 250 U	< 5 U	**2.3 J**	**2.6 J**	< 5 U	< 5 U	< 5 U	**1.8 J**	< 5 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**0.82 J**	< 50 U	< 50 U	**0.5 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.4 J**	**0.66 J**
Benzene, 1-methylethyl	450	45			--	--	< 0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 0.5 U	< 1 U	< 5 U	< 5 U	< 250 U	< 250 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	< 0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
CFC-12	200	20			--	--	< 0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	< 0.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	**0.18 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	14				--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--
Methylcyclohexane					--	--	< 5 U	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	11		5		**5 JB**	**5 JB**	< 0.5 U	< 1 U	**5 JB**	**5 JB**	**250 JB**	**250 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 0.5 U	< 1 U	**1 J**	**1 J**	< 50 U	**4.9 J**	< 1 U	**0.18 J**	**1 J**	< 1 U	< 1 U	< 1 U	**0.21 J**	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	**32.5**	**7.5**	**0.95 J**	**0.71 J**	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	**0.75 J**	< 0.5 U	< 1 U	< 1 U	**0.42 J**	< 50 U	< 50 U	**0.35 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.34 J**	< 1 U
trans-1,2-Dichloroethene	360	36	100		--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		**0.2 J**	< 1 U	< 0.5 U	< 1 U	**0.6 J**	**8.3**	**2,830**	**3,700**	**3,600 D**	**1,040 D**	**251 D**	**183 D**	< 1 U	< 1 U	**1**	**406 D**
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 50 U	< 50 U	**2.1**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 3 U	**3 JB**	< 0.5 U	< 1 U	< 3 U	< 3 U	< 150 U	< 150 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-15	XX-15	XX-15	XX-15	XX-15	XX-15	XX-15	XX-16	XX-16	XX-16	XX-17	XX-17	XX-17	XX-18	XX-18	XX-18
				Sample Date	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/17/2000	2/2/2010	12/10/2014	11/8/2001	11/8/2001	11/8/2001	11/8/2001	11/9/2001	2/4/2010	11/9/2001	11/9/2001	11/9/2001
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.62 J**	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	< 0.5 U	--	--	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.63**	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	< 0.5 U	--	--	--
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	< 0.5 U	--	--	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	< 0.5 U	--	--	--
1,2-Dichlorobenzene	300	30	600		--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	< 0.5 U	--	--	--
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene					< 2 U	**9**	**9.7**	**7.6**	**7.8**	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.45 J**	--	< 2 U	< 2 U	**37.7**
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	< 0.5 U	--	--	--
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	< 0.5 U	--	--	--
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	**7.7**	**5 J**	< 10 U	< 5 U	< 5 U	**5 J**
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5 U
Acetone	14,000	1,400			< 5 U	< 5 U	**1.5 J**	< 5 U	**0.8 J**	< 10 U	< 20 U	**5.3**	**5**	**5.5**	**53.1**	**13.5 B**	**18**	**5.8**	**5.6**	**20**
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.35 J**	< 1 U	< 1 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	< 0.5 U	--	--	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 0.5 U	**0.31 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 0.5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	< 0.5 U	--	--	--
CFC-12	200	20			--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	< 0.5 U	--	--	--
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	--	--	**0.79**	< 1 U	--	--	--	--	--	**3.8**	--	--	--
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	< 0.5 U	--	--	--	--	--	--	< 0.5 U	--	--	--
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.74 J**	< 0.5 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	< 1 U	--	--	--	--	--	--	< 1 U	--	--	--
Methyl tert-butyl ether	14				--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	< 0.5 U	--	--	--
Methylcyclohexane					--	--	--	--	--	< 5 U	--	--	--	--	--	--	< 5 U	--	--	--
Methylene chloride	11		5		**5 JB**	**5 JB**	**5 JB**	**5 JB**	**5 JB**	< 0.5 U	< 1 U	**5 JB**	**5 JB**	**5 JB**	**5 JB**	< 5 U	< 0.5 U	**5 JB**	**5 JB**	**5 JB**
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	**2.1**	**1.8**	**1.4**	**1.6**	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	**1 J**	**1 J**	< 0.5 U	< 1 U	< 1 U	**1.2**
trans-1,2-Dichloroethene	360	36	100		--	--	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	< 0.5 U	--	--	--
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Trichloroethene	0.49	0.28	5		< 1 U	**198 D**	**118 D**	**83**	**157 D**	**5**	**0.44 J**	< 1 U	< 1 U	< 1 U	< 1 U	**3.4**	**49**	< 1 U	< 1 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	**3.4**	**3**	**2.4**	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	190	19	10000		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 0.5 U	< 1 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 0.5 U	< 3 U	< 3 U	< 3 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-18	XX-18	XX-18	XX-19	XX-19	XX-19	XX-19	XX-19	XX-20	XX-20	XX-20	XX-21	XX-21	XX-21	XX-21	XX-21
				Sample Date	11/9/2001	2/3/2010	12/12/2014	11/8/2001	11/8/2001	11/8/2001	2/4/2010	12/12/2014	11/9/2001	11/9/2001	11/9/2001	11/8/2001	11/8/2001	11/8/2001	2/4/2010	12/12/2014
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																				
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	< 0.5 U	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--	< 5 U	--
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1-Dichloroethane	2.7				< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	**0.36 J**	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
1,1-Dichloroethene	280	28	7		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.37 J**	**0.9 J**	< 5 U	**1**	< 5 U	< 10 U	< 1 U	< 1 U	**9.8**	< 5 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	< 0.5 U	< 1 U	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	< 5 U	< 5 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	< 0.5 U	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--	< 5 U	--
1,2-Dibromoethane	0.0075		0.05		--	< 0.5 U	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--	< 5 U	--
1,2-Dichlorobenzene	300	30	600		--	< 0.5 U	< 1 U	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	< 5 U	< 5 U
1,2-Dichloroethane	0.17		5		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
1,2-Dichloroethene					**100**	--	--	< 2 U	**2.3**	**23.1**	--	--	**50**	**29.8**	**16.8**	**636**	< 2 U	**2.2**	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					--	< 0.5 U	< 1 U	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	< 5 U	< 5 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	< 0.5 U	< 1 U	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	< 5 U	< 5 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			**5 J**	< 10 U	< 10 U	< 5 U	< 5 U	**5 J**	< 10 U	< 10 U	< 25 U	< 5 U	< 25 U	< 50 U	< 5 U	**5 J**	< 100 U	< 50 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 25 U	< 5 U	< 25 U	< 50 U	< 5 U	< 5 U	< 100 U	< 50 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	< 25 U	< 5 U	< 25 U	< 50 U	< 5 U	< 5 U	< 100 U	< 50 U
Acetone	14,000	1,400			**12**	**0.98 J**	< 20 U	**9.2 B**	**6.5**	**11.4 B**	**18**	< 20 U	**32.6 B**	**6.4**	**26.1 B**	< 50 U	**5.8**	**10.7 B**	**170**	< 100 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		**0.56 J**	< 0.5 U	< 1 U	< 1 U	< 1 U	**0.58 J**	< 0.5 U	< 1 U	**1.9 J**	**0.55 J**	< 5 U	< 10 U	< 1 U	**0.39 J**	**2.1 J**	< 5 U
Benzene, 1-methylethyl	450	45			--	< 0.5 U	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--	< 5 U	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
Bromomethane	7.5	0.75			< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 10 U
Carbon disulfide	810	81			< 5 U	< 0.5 U	< 1 U	< 5 U	< 5 U	< 5 U	< 0.5 U	< 1 U	< 25 U	< 5 U	< 25 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U
Carbon tetrachloride	0.45		5		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
CFC-11	1,100	110			--	< 0.5 U	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--	< 5 U	--
CFC-12	200	20			--	< 0.5 U	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--	< 5 U	--
Chlorobenzene	78	7.8	100		< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 10 U
Chloroethane	21,000	2,100			< 1 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 10 U
Chloroform	0.22		80		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
Chloromethane	190	19			< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
cis-1,2-Dichloroethene	36	3.6	70		--	**74**	**78**	--	--	--	**28**	**83**	--	--	--	--	--	--	**2,000**	**500 S**
cis-1,3-Dichloropropene					< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
Cyclohexane	13,000	1,300			--	< 0.5 U	--	--	--	--	< 0.5 U	--	--	--	--	--	--	--	< 5 U	--
Dibromochloromethane	0.17		80		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 0.5 U	< 1 U	< 1 U	**0.22 J**	**0.28 J**	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	**0.41 J**	**0.61 J**	< 5 U	< 5 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--	--	< 10 U	--
Methyl tert-butyl ether	14				--	< 0.5 U	< 1 U	--	--	--	< 0.5 U	< 1 U	--	--	--	--	--	--	< 5 U	< 5 U
Methylcyclohexane					--	< 5 U	--	--	--	--	< 5 U	--	--	--	--	--	--	--	< 50 U	--
Methylene chloride	11		5		**5 JB**	< 0.5 U	< 1 U	< 5 U	**5 JB**	< 5 U	< 0.5 U	< 1 U	< 25 U	**5 JB**	< 25 U	**50 JB**	**5 JB**	< 5 U	< 5 U	< 5 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	**0.27 J**	< 5 U	< 10 U	< 1 U	**2.3**	< 5 U	< 5 U
Toluene	1,100	110	1,000		**1 J**	< 0.5 U	< 1 U	**1 J**	**1.2**	**1.4**	< 0.5 U	< 1 U	**5 J**	**1 J**	< 5 U	**10 J**	**2.1**	**1.6**	**1.9 J**	< 5 U
trans-1,2-Dichloroethene	360	36	100		--	< 0.5 U	**0.42 J**	--	--	--	< 0.5 U	**0.22 J**	--	--	--	--	--	--	**10**	< 5 U
trans-1,3-Dichloropropene					< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
Tribromomethane	9.2		80		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	< 5 U	< 5 U
Trichloroethene	0.49	0.28	5		**5.1**	< 0.5 U	< 1 U	< 1 U	**4.6**	**0.48 J**	**5.3**	**16**	**476 D**	**818 D**	**457**	**122**	< 1 U	**1.3**	**230**	< 5 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.094 J**	< 1 U	< 5 U	< 1 U	< 5 U	< 10 U	< 1 U	< 1 U	**5.7**	< 5 U
Xylenes (total)	190	19	10000		< 3 U	< 0.5 U	< 1 U	< 3 U	**0.54 J**	**1.2 J**	< 0.5 U	< 1 U	< 15 U	< 3 U	< 15 U	< 30 U	**2.1 J**	**1.8 J**	< 5 U	< 5 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-21 (DUP)	XX-22	XX-22	XX-22	XX-23	XX-23	XX-23	XX-24	XX-24	XX-24	XX-25	XX-25	XX-25	XX-25	XX-25
				Sample Date	12/12/2014	11/8/2001	11/8/2001	11/8/2001	11/10/2001	11/10/2001	11/10/2001	11/8/2001	11/8/2001	11/8/2001	11/10/2001	11/10/2001	11/10/2001	2/3/2010	12/15/2014
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)																			
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
1,1,2,2-Tetrachloroethane	0.076				< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	--
1,1,2-Trichloroethane	0.28	0.041	5		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
1,1-Dichloroethane	2.7				< 5 U	**0.25 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
1,1-Dichloroethene	280	28	7		< 5 U	**2.4**	< 1 U	**3.4**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.73 J**	**0.66 J**	< 0.5 U	< 1 U
1,1-Dichloropropene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		< 5 U	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	< 1 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	--
1,2-Dibromoethane	0.0075		0.05		--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	--
1,2-Dichlorobenzene	300	30	600		< 5 U	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	< 1 U
1,2-Dichloroethane	0.17		5		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
1,2-Dichloroethene					--	**85.7**	**15.8**	**148**	< 2 U	**2.6**	**0.78 J**	< 2 U	< 2 U	< 2 U	< 2 U	**68.4**	**61.4**	--	--
1,2-Dichloropropane	0.44		5		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene					< 5 U	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	< 1 U
1,3-Dichloropropane	370	37			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		< 5 U	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	< 1 U
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	5,600	560			< 50 U	< 5 U	**11.6**	< 5 U	< 5 U	< 5 U	**2 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Hexanone	38	3.8			< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	**1.6 J**	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U
Acetone	14,000	1,400			< 100 U	**4 J**	**54.8**	**5 J**	**17.1**	**13.6**	**8.2**	**3.9 J**	**4.1 J**	**4.1 J**	**2.3 J**	**3.6 J**	**4.4 J**	< 10 U	< 20 U
Acrolein	0.042	0.0042			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	0.45		5		< 5 U	< 1 U	**0.65 J**	< 1 U	< 1 U	**0.3 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Benzene, 1-methylethyl	450	45			--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	--
Bromobenzene	62	6.2			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	0.13		80		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Bromomethane	7.5	0.75			< 10 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 0.5 U	**0.19 J**
Carbon tetrachloride	0.45		5		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
CFC-11	1,100	110			--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	--
CFC-12	200	20			--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	--
Chlorobenzene	78	7.8	100		< 10 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U
Chloroethane	21,000	2,100			< 10 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 2 U
Chloroform	0.22		80		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Chloromethane	190	19			< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.61 J**	< 1 U	**0.44 J**	< 1 U	< 0.5 U	< 1 U
cis-1,2-Dichloroethene	36	3.6	70		**470**	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	< 1 U
cis-1,3-Dichloropropene					< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Cyclohexane	13,000	1,300			--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	--
Dibromochloromethane	0.17		80		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Dibromomethane	8	0.8			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	1.5		700		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Hexachlorobutadiene	0.3				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iodomethane					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--
Methyl tert-butyl ether	14				< 5 U	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	< 1 U
Methylcyclohexane					--	--	--	--	--	--	--	--	--	--	--	--	--	< 5 U	--
Methylene chloride	11		5		< 5 U	< 5 U	< 5 U	**5 JB**	< 5 U	**5 JB**	< 5 U	< 5 U	< 5 U	**5 JB**	**5 JB**	< 5 U	< 5 U	< 0.5 U	< 1 U
Naphthalene	0.17				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	1,200	120	100		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
tert-Butylbenzene	690	69			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Toluene	1,100	110	1,000		< 5 U	< 1 U	**1.5**	**1 J**	< 1 U	< 1 U	**0.18 J**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
trans-1,2-Dichloroethene	360	36	100		< 5 U	--	--	--	--	--	--	--	--	--	--	--	--	< 0.5 U	< 1 U
trans-1,3-Dichloropropene					< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Tribromomethane	9.2		80		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Trichloroethene	0.49	0.28	5		< 5 U	**511 D**	**26.7**	**1,040 D**	< 1 U	< 1 U	**0.68 J**	< 1 U	< 1 U	< 1 U	< 1 U	**91.8 D**	**272 D**	< 0.5 U	< 1 U
Vinyl acetate	410	41			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.019		2		< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U
Xylenes (total)	190	19	10000		< 5 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 3 U	< 0.5 U	< 1 U

Table 4
Historical Groundwater Analytical Summary
HAA-15
Hunter Army Airfield, Georgia

Compound	Tapwater RSL	Tapwater RSL Corrections 01/2015	MCL	Location ID	XX-26	XX-26	XX-26	XX-26
				Sample Date	12/16/2001	12/16/2001	12/16/2001	2/3/2010	2/3/2010
Volatile Organic Compounds (VOCs) µg/L (EPA Method 8260B)									
1,1,1,2-Tetrachloroethane	0.57				--	--	--	--	--
1,1,1-Trichloroethane	8,000	800	200		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
1,1,2,2-Tetrachloroethane	0.076				< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	55,000	5,500			--	--	--	< 0.5 U	< 0.5 U
1,1,2-Trichloroethane	0.28	0.041	5		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
1,1-Dichloroethane	2.7				< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
1,1-Dichloroethene	280	28	7		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
1,1-Dichloropropene					--	--	--	--	--
1,2,3-Trichlorobenzene	7	0.7			--	--	--	--	--
1,2,3-Trichloropropane	0.00075				--	--	--	--	--
1,2,4-Trichlorobenzene	1.1	0.4	70		--	--	--	< 0.5 U	< 0.5 U
1,2,4-Trimethylbenzene	15	1.5			--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	0.00033		0.2		--	--	--	< 0.5 U	< 0.5 U
1,2-Dibromoethane	0.0075		0.05		--	--	--	< 0.5 U	< 0.5 U
1,2-Dichlorobenzene	300	30	600		--	--	--	< 0.5 U	< 0.5 U
1,2-Dichloroethane	0.17		5		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
1,2-Dichloroethene					**1.6 J**	**2.3**	**1.8 J**	--	--
1,2-Dichloropropane	0.44		5		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
1,3,5-Trimethylbenzene	120	12			--	--	--	--	--
1,3-Dichlorobenzene					--	--	--	< 0.5 U	< 0.5 U
1,3-Dichloropropane	370	37			--	--	--	--	--
1,4-Dichlorobenzene	0.48		75		--	--	--	< 0.5 U	< 0.5 U
2,2-Dichloropropane					--	--	--	--	--
2-Butanone	5,600	560			< 5 U	< 5 U	< 5 U	< 10 U	< 10 U
2-Chlorotoluene	240	24			--	--	--	--	--
2-Hexanone	38	3.8			< 5 U	< 5 U	< 5 U	< 10 U	< 10 U
4-Chlorotoluene	250	25			--	--	--	--	--
4-Methyl-2-pentanone	1,200	120			< 5 U	< 5 U	< 5 U	< 10 U	< 10 U
Acetone	14,000	1,400			< 5 U	**26.2 B**	**102 B**	< 10 U	< 10 U
Acrolein	0.042	0.0042			--	--	--	--	--
Acrylonitrile	0.052				--	--	--	--	--
Benzene	0.45		5		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Benzene, 1-methylethyl	450	45			--	--	--	< 0.5 U	< 0.5 U
Bromobenzene	62	6.2			--	--	--	--	--
Bromochloromethane	83	8.3			--	--	--	--	--
Bromodichloromethane	0.13		80		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Bromomethane	7.5	0.75			< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Carbon disulfide	810	81			< 5 U	< 5 U	< 5 U	< 0.5 U	< 0.5 U
Carbon tetrachloride	0.45		5		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
CFC-11	1,100	110			--	--	--	< 0.5 U	< 0.5 U
CFC-12	200	20			--	--	--	< 0.5 U	< 0.5 U
Chlorobenzene	78	7.8	100		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Chloroethane	21,000	2,100			< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Chloroform	0.22		80		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Chloromethane	190	19			< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
cis-1,2-Dichloroethene	36	3.6	70		--	--	--	**2.9**	< 0.5 U
cis-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Cyclohexane	13,000	1,300			--	--	--	< 0.5 U	< 0.5 U
Dibromochloromethane	0.17		80		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Dibromomethane	8	0.8			--	--	--	--	--
Dioxane, 1,4-	0.78				--	--	--	--	--
Ethylbenzene	1.5		700		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Hexachlorobutadiene	0.3				--	--	--	--	--
Iodomethane					--	--	--	--	--
m,p-Xylene		19			--	--	--	--	--
Methyl acetate	20,000	2,000			--	--	--	< 1 U	< 1 U
Methyl tert-butyl ether	14				--	--	--	< 0.5 U	< 0.5 U
Methylcyclohexane					--	--	--	< 5 U	< 5 U
Methylene chloride	11		5		< 5 U	< 5 U	< 5 U	< 0.5 U	< 0.5 U
Naphthalene	0.17				--	--	--	--	--
n-Butylbenzene	1,000	100			--	--	--	--	--
n-Propylbenzene	660	66			--	--	--	--	--
o-Xylene	190	19			--	--	--	--	--
p-Isopropyltoluene					--	--	--	--	--
sec-Butylbenzene	2,000	200			--	--	--	--	--
Styrene	1,200	120	100		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
tert-Butylbenzene	690	69			--	--	--	--	--
Tetrachloroethene	11	4.1	5		< 1 U	< 1 U	**0.55 J**	< 0.5 U	< 0.5 U
Toluene	1,100	110	1,000		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
trans-1,2-Dichloroethene	360	36	100		--	--	--	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene					< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Tribromomethane	9.2		80		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Trichloroethene	0.49	0.28	5		**10.3**	**17.8**	**9.5**	**16**	**2.9**
Vinyl acetate	410	41			--	--	--	--	--
Vinyl chloride	0.019		2		< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Xylenes (total)	190	19	10000		< 3 U	< 3 U	< 3 U	< 0.5 U	< 0.5 U

Table 5
Building Construction for Vapor Intrusion Evaluation
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Georgia

Building	Foundation Type	Construction Details	
100	slab	All Slabs 4" thick with 4" drainage fill. Water proof paper and 6x6x10/10 W.W.F. (welded wire fabric)	
305 (CO HQS)	slab	Attachment 3	Plumbing (Pipe sleeve through the floor) - between the pipe and pipe sleeve is sealant and back up material (MP-4 Sheet 352). Above vapor barrier. Tooled Edge, in exposed areas, is filled with hot poured joint filler (S-3 Sheet 330). Above vapor barrier. Conduit openings through foundation walls are grouted after conduit installation (S-4 Sheet 331). Below vapor barrier. Felt jt. (typical) is between foundation bond beams and the slab (S-4 Sheet 331). Above vapor barrier. Between exterior pavement and doors is expansion joint material (S-5 Sheet 332).
306 (CO HQS)	slab	SOP 1763199: Photoionization	Plumbing (Pipe sleeve through the floor) - between the pipe and pipe sleeve is sealant and back up material (MP-4 Sheet 421). Above vapor barrier. Tooled Edge, in exposed areas, is filled with hot poured joint filler (S-3 Sheet 400). Above vapor barrier. Conduit openings through foundation walls are grouted after coduit installation (S-4 Sheet 401). Below vapor barrier. Felt jt. (typical) is between foundation bond beams and the slab (S-4 Sheet 401). Above vapor barrier. Between exterior pavement and doors is expansion joint material (S-5 Shee402).
307 (Bn HQS)	slab	Detector Air Monitoring and Field	HVAC System (Pipe sleeve through the floor) - between the pipe and pipe sleeve is sealant and back up material (M-7 Sheet 269). Above vapor barrier. HVAC exterior wall - water stops are welded to the pipe sleeves and between pipe sleeves and pipe is a wall penetration seal (M-7 Sheet 269).
310, 311, 313	slab	Screening	Plumbing (Pipe sleeve through the floor) - between the pipe and pipe sleeve is sealant and back up material (MP-6 Sheet 125). Above vapor barrier. Tooled Edge, in exposed areas, is filled with hot poured joint filler (S-1 Sheet 95). Above vapor barrier.

Table 5
Building Construction for Vapor Intrusion Evaluation
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Georgia

Building	Foundation Type	Construction Details	
312	slab	Vapor barrier and 100 mm capillary water barrier under all slabs-on-grade (S-1, S-4)	Plumbing (Pipe sleeve through the floor) - between the pipe and pipe sleeve is sealant and back up material (MP-5 Sheet 195). Above vapor barrier. Cavities and cells below bond beam of foundation are grouted (S-4 Sheet 172). Felt jt. (typical) is between foundation bond beams and the slab (S-4 Sheet 172). Above vapor barrier.
315, 316	slab	50 mm sand, vapor barrier and 100 mm capillary water barrier under all slabs-on-grade (S-1, S-5, S-6)	Plumbing (Pipe sleeve through the floor) - between the pipe and pipe sleeve is sealant and back up material (MP-14 Sheet 190). Above vapor barrier.
725	slab	4" thick concrete over vapor barrier over capillary water barrier reinforced with W.W.F. (S-101). Slab on Ground placed over a 10-mil polyethylene vapor barrier, over a 4 " minimum thick compacted granular capillary water barrier (S-	
811, 813	slab	6" concrete slab	
328	slab	6 MIL vapor barrier and 4" capillary water barrier under all slabs-on-grade (S-1).	Plumbing (Pipe sleeve through the floor) - between the pipe and pipe sleeve is sealant and back up material (P-502). Above vapor barrier.
420	slab		Felt jt. (typical) is between foundation bond beams and the slab (S-27 Sheet 195). Foundation appears to have a vapor barrier and capillary water barrier. (S-27 Sheet 195, S-28 Sheet 196, S-29 Sheet 197, S-30 Sheet 128)
708, 710	slab	vapor barrier and capillary water varrier (S-301).	Fire Sprinkler piping is 3' below Footing (Typical). (Below vapor barrier). (F-201 Sheet 101) All cells below bond beams are filled with course grout (S-401 Sheet 120).
140	slab	No other documentation was located.	
865	slab	No other documentation was located.	
727	slab	Slab on Ground placed over a 10-mil polyethylene vapor barrier, over a 4" minimum thick compacted granular capillary water barrier (S-001).	Felt jt. (typical) is between foundation bond beams and the slab (S-301 Sheet 53).
852	slab	No other documentation was located.	

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Figures

KNOXVILLE) DIV/GROUP: (ENV/GIS) LD: (B.ALTOM) PIC: (T.TALELE) PM: (S.GIBBONS) TM: (S.BOSTIAN) BY: BALTOM
PROJECT: 10153001.0001 PATH: G:\GIS\HAAF_PIKA\MAPDOCS\H15\2016\H15 VI WPLAN\F1 H15_VIWP BLDG ID.MXD SAVED: 3/3/2016

PROJECTION: NAD_1983_StatePlane_Georgia_East_FIPS_1001_Feet
REFERENCES: 1) SAGIS (2008). 2) EarthExplorer (USGS 2012).

LEGEND

- Hunter Army Airfield
- Storm Water Drainage Canal/Basin
- T-811 Building Number
- Groundwater Contour Line (ft amsl)
- (inferred where dashed)
- Direction of Groundwater Flow

0 400 800
SCALE IN FEET

HUNTER ARMY AIRFIELD, GEORGIA
MCA BARRACKS SITE (HAA-15)
PRELIMINARY VAPOR INTRUSION EVALUATION AND PROPOSED SOIL GAS INVESTIGATION

Building Location Map

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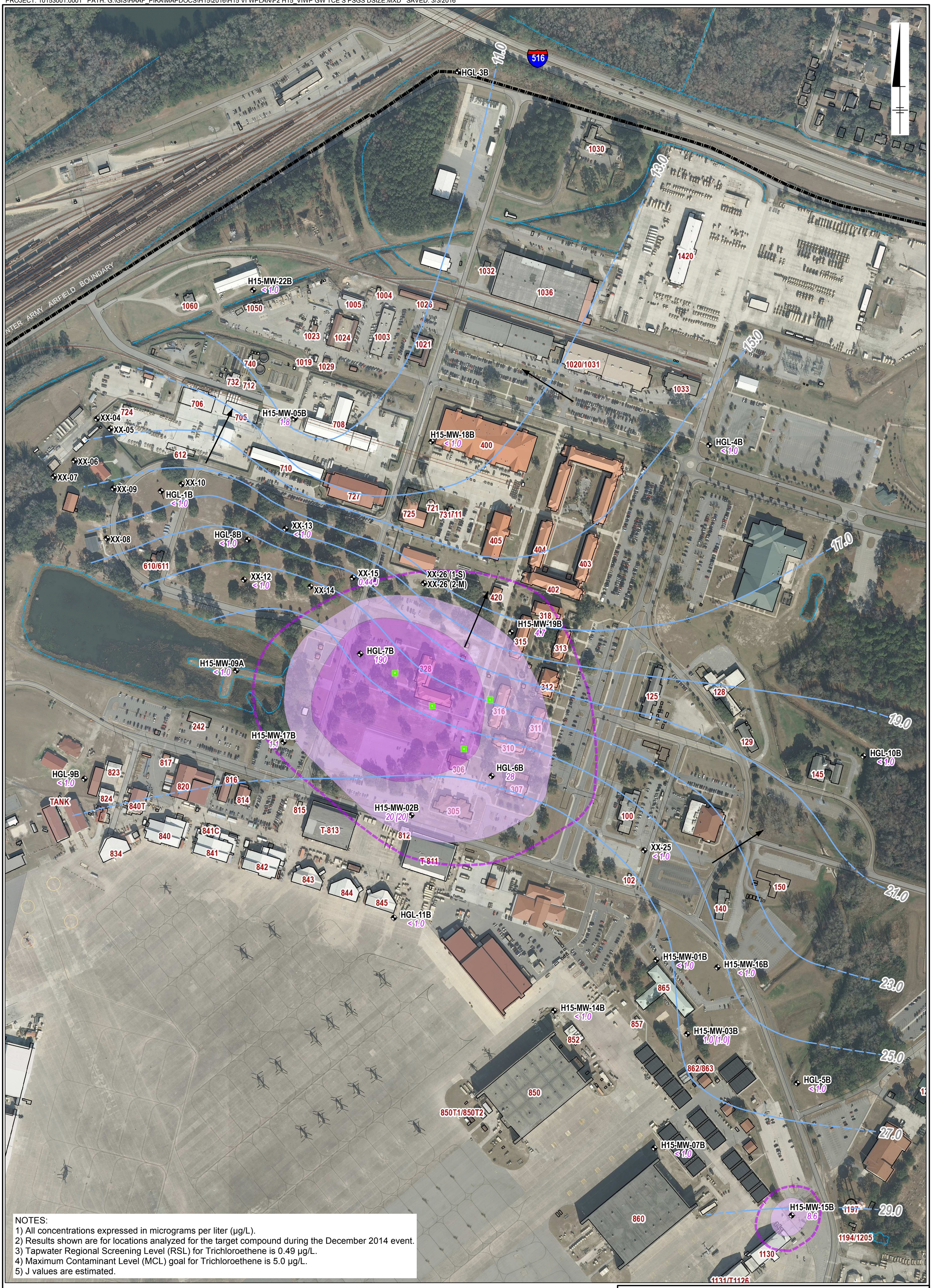
FIGURE
1

CITY: (KNOXVILLE) DIV/GROUP: (ENV/GIS) LD: (B.ALTOM) PIC: (T.TALELE) PM: (S.GIBBONS) TM: (S.BOSTIAN) BY: BALTOM
PROJECT: 10153001.0001 PATH: G:\GIS\HAAF_PIKA\MAPDOCS\H15\2016\H15 VI WPLAN\F2 H15_VIWP GW TCE S PSGS DSIZE.MXD SAVED: 3/3/2016



NOTES:
1) All concentrations expressed in micrograms per liter (µg/L).
2) Results shown are for locations analyzed for the target compound during the December 2014 event.
3) Tapwater Regional Screening Level (RSL) for Trichloroethene is 0.49 µg/L.
4) Maximum Contaminant Level (MCL) goal for Trichloroethene is 5.0 µg/L.
5) J values are estimated.

PROJECTION: NAD_1983_StatePlane_Georgia_East_FIPS_1001_Feet
REFERENCES: 1) SAGIS (2008). 2) EarthExplorer (USGS 2012).

0 200 400 600 800
SCALE IN FEET

LEGEND

- Hunter Army Airfield
- Storm Water Drainage Canal/Basin
- Groundwater Contour Line (ft amsl)
- (inferred where dashed)
- Direction of Groundwater Flow
- Monitoring Well (shallow)
- 28 Trichloroethene Concentration
- [20] Duplicate Sample Concentration
- T-811 Building Number

Trichloroethene Isocontour
- 0.49 - 4.9 µg/L (RSL - 0.49 µg/L)
- 5.0 - 49.9 µg/L (MCL - 5.0 µg/L)
- >50 µg/L
- Proposed Soil-Gas Sampling Location

HUNTER ARMY AIRFIELD, GEORGIA
MCA BARRACKS SITE (HAA-15)
PRELIMINARY VAPOR INTRUSION EVALUATION AND PROPOSED SOIL GAS INVESTIGATION

Shallow Zone of Upper Aquifer (0 - 30 ft bgs) Trichloroethene in Groundwater Monitor Wells (December 2014)

PIKA ARCADIS A JOINT VENTURE

FIGURE
2

A **WEST**

A' **EAST**

HGL-9B/C

H15-MW-02B/C/D/E
H15-SB03A

H15-MW-10C
H15-SB01

H15-MW-04C
XX-25

H15-MW-01B/C
H15-SB25

H15-MW-03B/C

HGL-5B/C

ELEVATION (ft amsl)

40
20
0
-20
-40
-60
-80
-100

1 U
1 U
1.0
20
16,000
690
10,000
1,000
100
10
1 U
0.37 J
1 U
1.9
1 U
480
1.0
55
100
10
1.0
1 U
1 U

LEGEND

- SAND
- SILTY SAND / CLAYEY SAND
- INTERBEDDED CLAY AND SILTY SAND
- CLAY / SANDY CLAY
- BOREHOLE
- MONITOR WELL SCREENED INTERVAL
- APPROXIMATE WATER TABLE
- 20 SAMPLE RESULT
- 1.0 ISOCONCENTRATION CONTOUR

NOTES:
1) All concentrations reported in micrograms per liter (µg/L).
2) J – Estimated Value Below Quantitation Limit.
3) U – Not Detected Above value listed.

0 20 40
VERTICAL SCALE IN FEET

0 300 600
HORIZONTAL SCALE IN FEET

VERTICAL EXAGGERATION: 15X

HUNTER ARMY AIRFIELD, GEORGIA
MCA BARRACKS SITE (HAA-15)
PRELIMINARY VAPOR INTRUSION EVALUATION AND PROPOSED SOIL GAS INVESTIGATION

Trichloroethene Isoconcentrations along Geologic Cross-Section A-A' (December 2014)

PIKA ARCADIS

FIGURE
3

B NORTH — **B'** SOUTH

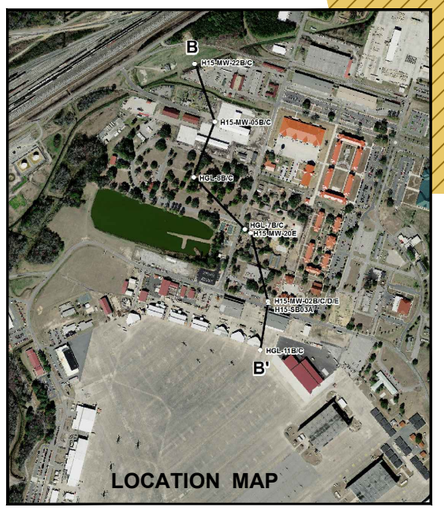
H15-MW-22B/C
H15-MW-05B/C
HGL-8B/C
HGL-7B/C
H15-MW-20E
H15-MW-02B/C/D/E
H15-SB03A
HGL-11B/C

ELEVATION (ft amsl): 40, 20, 0, -20, -40, -60, -80, -100

ND
ND
1.8
4.6
1 U
3.1
190
13,000
10,000
1,000
100
10
1.0
20
16,000
1 U
1 U
1 U
1 U
0.37 J

LEGEND

- SAND
- SILTY SAND / CLAYEY SAND
- INTERBEDDED CLAY AND SILTY SAND
- CLAY / SANDY CLAY
- BOREHOLE
- MONITOR WELL SCREENED INTERVAL
- APPROXIMATE WATER TABLE
- 3.1 SAMPLE RESULT
- 1.0 ISOCONCENTRATION CONTOUR



LOCATION MAP

NOTES:
1) All concentrations reported in micrograms per liter (µg/L).
2) J – Estimated Value Below Quantitation Limit.
3) U – Not Detected Above value listed.

0 20 40
VERTICAL SCALE IN FEET
0 300 600
HORIZONTAL SCALE IN FEET
VERTICAL EXAGGERATION: 15X

HUNTER army AIRFIELD, GEORGIA
MCA BARRACKS SITE (HAA-15)
PRELIMINARY VAPOR INTRUSION EVALUATION AND PROPOSED SOIL GAS INVESTIGATION

Trichloroethene Isoconcentrations along Geologic Cross-Section B-B' (December 2014)

PIKA ARCADIS

FIGURE **4**

PROJECTION: NAD_1983_StatePlane_Georgia_East_FIPS_1001_Feet
REFERENCES: 1) SAGIS (2008). 2) ESRI Online Imagery (NAIP, May 2015).

REFERENCE: SAGIS (2008).

LEGEND

- Storm Water Drainage System
- Surface Water Flow Direction
- Catch Basin

0 200 400 600 800

SCALE IN FEET

HUNTER ARMY AIRFIELD, GEORGIA

MCA BARRACKS SITE (HAA-15)
PRELIMINARY VAPOR INTRUSION EVALUATION AND PROPOSED SOIL GAS INVESTIGATION

Storm Water System

PIKA ARCADIS

FIGURE **5**

CITY: (KNOXVILLE) DIV/GROUP: (ENV/GIS) LD: (B.ALTOM) PIC: (T.TALELE) PM: (S.GIBBONS) TM: (S.BOSTIAN) BY: BALTOM
PROJECT: 10153001.0001 PATH: G:\GIS\HAAF_PIKA\MAPDOCS\H15\20161\H15 VI WPLAN\F5 H15_VIWP STORMWATER DSIZE.MXD SAVED: 3/10/2016

Attachment 1

VI Screening Calculations

Table 1
Summary of Input Parameters for Soil
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Chemical CAS No. (numbers only, no dashes)	Initial Soil Concentration C_R (µg/kg)	Chemical
67641	3.50E+01	Acetone
107062	5.80E+00	1,2-Dichloroethane
78875	4.70E+01	1,2-Dichloropropane
100414	2.50E+02	Ethylbenzene
98828	7.50E+02	Isopropylbenzene
108883	3.50E+00	Toluene
79005	1.30E+01	1,1,2-Trichloroethane
79016	1.80E+02	Trichloroethene
106423	1.80E+03	Xylene, p-
95476	1.80E+02	Xylene, o-
208968	2.70E+02	Acenaphthylene
120127	2.70E+02	Anthracene
91203	9.10E+01	Naphthalene
85018	2.50E+02	Phenanthrene

ENTER Average soil temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to top of contamination, L_t (cm)	ENTER Depth below grade to bottom of contamination, (enter value of 0 if value is unknown) L_b (cm)	ENTER Totals must add up to value of L_t (cell G45) Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
19.6	15	182.88	243.84	182.88			S		

ENTER Stratum A SCS soil type (Lookup Soil Parameters)	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum A soil organic carbon fraction, f_{oc}^A (unitless)	ENTER Stratum B SCS soil type (Lookup Soil Parameters)	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum B soil organic carbon fraction, f_{oc}^B (unitless)
S	1.66	0.38	0.05	0.002					

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP ($g/cm\text{-}s^2$)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
10	40	1000	1000	244	0.1	0.48	

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Exposure Time ET (hrs/days)
70	30	30	350	1.0E-06	1	24

Table 2
Summary of Chemical Properties
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$		Reference conc., RfC (mg/m^3)		Physical state at soil temperature, (S,L,G)
Acetone	1.06E-01	1.15E-05	3.50E-05	25	6,955	329.20	508.10	2.36E+00	1.00E+06	NA		3.1E+01	A	L
1,2-Dichloroethane	8.57E-02	1.10E-05	1.18E-03	25	7,643	356.65	561.00	3.96E+01	8.60E+03	2.6E-05	I	7.0E-03	P	L
1,2-Dichloropropane	7.33E-02	9.73E-06	2.82E-03	25	7,590	369.52	572.00	6.07E+01	2.80E+03	1.0E-05	C	4.0E-03	I	L
Ethylbenzene	6.85E-02	8.46E-06	7.88E-03	25	8,501	409.34	617.20	4.46E+02	1.69E+02	NA		1.0E+00	I	L
Isopropylbenzene	6.03E-02	7.86E-06	1.15E-02	25	10,335	425.56	631.10	6.98E+02	6.13E+01	NA		4.0E-01	I	L
Toluene	7.78E-02	9.20E-06	6.64E-03	25	7,930	383.78	591.79	2.34E+02	5.26E+02	NA		5.0E+00	I	L
1,1,2-Trichloroethane	6.69E-02	1.00E-05	8.24E-04	25	8,322	386.15	602.00	6.07E+01	4.59E+03	1.6E-05	I	2.0E-04	X	L
Trichloroethene	6.87E-02	1.02E-05	9.85E-03	25	7,505	360.36	544.20	6.07E+01	1.28E+03	4.1E-06	I	2.0E-03	I	L
Xylene, p-	6.82E-02	8.42E-06	6.90E-03	25	8,525	411.52	616.20	3.75E+02	1.62E+02	NA		1.0E-01	s	L
Xylene, o-	6.89E-02	8.53E-06	5.18E-03	25	8,661	417.60	630.30	3.83E+02	1.78E+02	NA		1.0E-01	s	L
Acenaphthylene	4.39E-02	7.53E-06	1.13E-04	25	13,410	553.15	829.73	3.09E+03	1.61E+01	NA		NA		L
Anthracene	3.90E-02	7.85E-06	5.56E-05	25	16,510	613.05	919.58	1.64E+04	4.34E-02	NA		NA		L
Naphthalene	6.05E-02	8.38E-06	4.40E-04	25	10,373	491.14	748.40	1.54E+03	3.10E+01	3.4E-05	C	3.0E-03	I	S
Phenanthrene	5.43E-02	5.85E-06	2.33E-05	25	13,340	613.15	919.73	2.97E+04	1.15E+00	NA		NA		L

Table 3
Intercalculations
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Initial soil concentration used, C_R (µg/kg)	Enthalpy of vaporization at ave. soil temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. soil temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. soil temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Source vapor conc., C_{source} (µg/m^3)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ (µg/m^3)	Finite source β term (unitless)	Finite source ψ term $(sec)^{-1}$	Time for source depletion, τ_D (sec)	Exposure duration > time for source depletion (YES/NO)	Finite source indoor attenuation coefficient, $<\alpha>$ (unitless)	Mass limit bldg. conc., $C_{building}$ (µg/m^3)	Finite source bldg. conc., $C_{building}$ (µg/m^3)	Final finite source bldg. conc., $C_{building}$ (µg/m^3)	Unit risk factor, URF $(µg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
Acetone	3.50E+01	7,440	2.78E-05	1.16E-03	1.78E-04	1.71E-02	1.71E-02	1.08E+03	1.71E-02	1.24E+63	NA	NA	1.00E+00	1.13E-08	3.80E+07	YES	NA	1.22E-01	NA	1.22E-01	NA	3.1E+01
1,2-Dichloroethane	5.80E+00	8,417	9.08E-04	3.78E-02	1.78E-04	1.39E-02	1.39E-02	1.84E+03	1.39E-02	9.59E+77	NA	NA	1.00E+00	9.40E-08	4.56E+06	YES	NA	2.02E-02	NA	2.02E-02	2.6E-05	7.0E-03
1,2-Dichloropropane	4.70E+01	8,527	2.16E-03	9.00E-02	1.78E-04	1.19E-02	1.19E-02	2.47E+04	1.19E-02	1.41E+91	NA	NA	1.00E+00	1.33E-07	3.22E+06	YES	NA	1.64E-01	NA	1.64E-01	1.0E-05	4.0E-03
Ethylbenzene	2.50E+02	10,045	5.76E-03	2.40E-01	1.78E-04	1.11E-02	1.11E-02	6.18E+04	1.11E-02	4.35E+97	NA	NA	1.00E+00	5.84E-08	7.34E+06	YES	NA	8.71E-01	NA	8.71E-01	NA	1.0E+00
Isopropylbenzene	7.50E+02	12,509	7.79E-03	3.24E-01	1.78E-04	9.75E-03	9.75E-03	1.63E+05	9.75E-03	7.10E+110	NA	NA	1.00E+00	4.53E-08	9.47E+06	YES	NA	2.61E+00	NA	2.61E+00	NA	4.0E-01
Toluene	3.50E+00	9,050	5.01E-03	2.09E-01	1.78E-04	1.26E-02	1.26E-02	1.35E+03	1.26E-02	8.27E+85	NA	NA	1.00E+00	1.04E-07	4.14E+06	YES	NA	1.22E-02	NA	1.22E-02	NA	5.0E+00
1,1,2-Trichloroethane	1.30E+01	9,468	6.14E-04	2.55E-02	1.78E-04	1.08E-02	1.08E-02	2.09E+03	1.08E-02	8.62E+99	NA	NA	1.00E+00	3.72E-08	1.15E+07	YES	NA	4.53E-02	NA	4.53E-02	1.6E-05	2.0E-04
Trichloroethene	1.80E+02	8,438	7.57E-03	3.15E-01	1.78E-04	1.11E-02	1.11E-02	2.64E+05	1.11E-02	2.28E+97	NA	NA	1.00E+00	3.48E-07	1.23E+06	YES	NA	6.27E-01	NA	6.27E-01	4.1E-06	2.0E-03
Xylene, p-	1.80E+03	10,136	5.03E-03	2.09E-01	1.78E-04	1.10E-02	1.10E-02	4.58E+05	1.10E-02	8.88E+97	NA	NA	1.00E+00	6.00E-08	7.15E+06	YES	NA	6.27E+00	NA	6.27E+00	NA	1.0E-01
Xylene, o-	1.80E+02	10,295	3.76E-03	1.56E-01	1.78E-04	1.11E-02	1.11E-02	3.40E+04	1.11E-02	9.86E+96	NA	NA	1.00E+00	4.50E-08	9.54E+06	YES	NA	6.27E-01	NA	6.27E-01	NA	1.0E-01
Acenaphthylene	2.70E+02	17,225	6.61E-05	2.75E-03	1.78E-04	7.10E-03	7.10E-03	1.20E+02	7.10E-03	1.77E+152	NA	NA	1.00E+00	6.72E-11	6.39E+09	NO	1.34E-03	NA	1.60E-01	1.60E-01	NA	NA
Anthracene	2.70E+02	21,626	2.84E-05	1.18E-03	1.78E-04	6.30E-03	6.30E-03	9.73E+00	6.30E-03	2.80E+171	NA	NA	1.00E+00	4.86E-12	8.84E+10	NO	1.22E-03	NA	1.19E-02	1.19E-02	NA	NA
Naphthalene	9.10E+01	12,813	2.95E-04	1.23E-02	1.78E-04	9.78E-03	9.78E-03	3.58E+02	9.78E-03	3.10E+110	NA	NA	1.00E+00	8.23E-10	5.21E+08	YES	NA	3.17E-01	NA	3.17E-01	3.4E-05	3.0E-03
Phenanthrene	2.50E+02	17,474	1.35E-05	5.63E-04	1.78E-04	8.78E-03	8.78E-03	2.37E+00	8.78E-03	1.11E+123	NA	NA	1.00E+00	1.78E-12	2.41E+11	NO	1.70E-03	NA	4.03E-03	4.03E-03	NA	NA

Table 4
Summary of Results
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Indoor exposure soil conc., carcinogen (µg/kg)	Indoor exposure soil conc., noncarcinogen (µg/kg)	Risk-based indoor exposure soil conc., (µg/kg)	Soil saturation conc., C_{sat} (µg/kg)	Final indoor exposure soil conc., (µg/kg)	Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
Acetone	NA	NA	NA	3.75E+07	NA	NA	3.8E-06
1,2-Dichloroethane	NA	NA	NA	1.02E+06	NA	2.2E-07	2.8E-03
1,2-Dichloropropane	NA	NA	NA	4.80E+05	NA	6.7E-07	3.9E-02
Ethylbenzene	NA	NA	NA	1.64E+05	NA	NA	8.4E-04
Isopropylbenzene	NA	NA	NA	9.14E+04	NA	NA	6.3E-03
Toluene	NA	NA	NA	2.84E+05	NA	NA	2.3E-06
1,1,2-Trichloroethane	NA	NA	NA	7.29E+05	NA	3.0E-07	2.2E-01
Trichloroethene	NA	NA	NA	2.75E+05	NA	1.1E-06	3.0E-01
Xylene, p-	NA	NA	NA	1.33E+05	NA	NA	6.0E-02
Xylene, o-	NA	NA	NA	1.47E+05	NA	NA	6.0E-03
Acenaphthylene	NA	NA	NA	1.00E+05	NA	NA	NA
Anthracene	NA	NA	NA	1.42E+03	NA	NA	NA
Naphthalene	NA	NA	NA	9.68E+04	NA	4.4E-06	1.0E-01
Phenanthrene	NA	NA	NA	6.83E+04	NA	NA	NA
Total Risk and Hazard						**7E-06**	**0.7**

Table 5
Summary of Input Parameters for Soil
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Chemical CAS No. (numbers only, no dashes)	Initial Soil Concentration C_R (µg/kg)	Chemical
67641	3.50E+01	Acetone
107062	5.80E+00	1,2-Dichloroethane
78875	4.70E+01	1,2-Dichloropropane
100414	2.50E+02	Ethylbenzene
98828	7.50E+02	Isopropylbenzene
108883	3.50E+00	Toluene
79005	1.30E+01	1,1,2-Trichloroethane
79016	1.80E+02	Trichloroethene
106423	1.80E+03	Xylene, p-
95476	1.80E+02	Xylene, o-
208968	2.70E+02	Acenaphthylene
120127	2.70E+02	Anthracene
91203	9.10E+01	Naphthalene
85018	2.50E+02	Phenanthrene

ENTER Average soil temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to top of contamination, L_t (cm)	ENTER Depth below grade to bottom of contamination, (enter value of 0 if value is unknown) L_b (cm)	ENTER Totals must add up to value of L_t (cell G45) Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
19.6	15	182.88	243.84	182.88			S		

ENTER Stratum A SCS soil type (Lookup Soil Parameters)	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum A soil organic carbon fraction, f_{oc}^A (unitless)	ENTER Stratum B SCS soil type (Lookup Soil Parameters)	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum B soil organic carbon fraction, f_{oc}^B (unitless)
S	1.66	0.38	0.05	0.002					

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP (g/cm-s^2)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
10	40	1000	1000	366	0.1	0.48	

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Exposure Time ET (hrs/days)
70	25	25	250	1.0E-06	1	8

Table 6
Summary of Chemical Properties
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$		Reference conc., RfC (mg/m^3)		Physical state at soil temperature, (S,L,G)
Acetone	1.06E-01	1.15E-05	3.50E-05	25	6,955	329.20	508.10	2.36E+00	1.00E+06	NA		3.1E+01	A	L
1,2-Dichloroethane	8.57E-02	1.10E-05	1.18E-03	25	7,643	356.65	561.00	3.96E+01	8.60E+03	2.6E-05	I	7.0E-03	P	L
1,2-Dichloropropane	7.33E-02	9.73E-06	2.82E-03	25	7,590	369.52	572.00	6.07E+01	2.80E+03	1.0E-05	C	4.0E-03	I	L
Ethylbenzene	6.85E-02	8.46E-06	7.88E-03	25	8,501	409.34	617.20	4.46E+02	1.69E+02	NA		1.0E+00	I	L
Isopropylbenzene	6.03E-02	7.86E-06	1.15E-02	25	10,335	425.56	631.10	6.98E+02	6.13E+01	NA		4.0E-01	I	L
Toluene	7.78E-02	9.20E-06	6.64E-03	25	7,930	383.78	591.79	2.34E+02	5.26E+02	NA		5.0E+00	I	L
1,1,2-Trichloroethane	6.69E-02	1.00E-05	8.24E-04	25	8,322	386.15	602.00	6.07E+01	4.59E+03	1.6E-05	I	2.0E-04	X	L
Trichloroethene	6.87E-02	1.02E-05	9.85E-03	25	7,505	360.36	544.20	6.07E+01	1.28E+03	4.1E-06	I	2.0E-03	I	L
Xylene, p-	6.82E-02	8.42E-06	6.90E-03	25	8,525	411.52	616.20	3.75E+02	1.62E+02	NA		1.0E-01	s	L
Xylene, o-	6.89E-02	8.53E-06	5.18E-03	25	8,661	417.60	630.30	3.83E+02	1.78E+02	NA		1.0E-01	s	L
Acenaphthylene	4.39E-02	7.53E-06	1.13E-04	25	13,410	553.15	829.73	3.09E+03	1.61E+01	NA		NA		L
Anthracene	3.90E-02	7.85E-06	5.56E-05	25	16,510	613.05	919.58	1.64E+04	4.34E-02	NA		NA		L
Naphthalene	6.05E-02	8.38E-06	4.40E-04	25	10,373	491.14	748.40	1.54E+03	3.10E+01	3.4E-05	C	3.0E-03	I	S
Phenanthrene	5.43E-02	5.85E-06	2.33E-05	25	13,340	613.15	919.73	2.97E+04	1.15E+00	NA		NA		L

Table 7
Intercalculations
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Initial soil concentration used, C_R (µg/kg)	Enthalpy of vaporization at ave. soil temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. soil temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. soil temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Source vapor conc., C_{source} (µg/m^3)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Finite source β term (unitless)	Finite source ψ term (sec)$^{-1}$	Time for source depletion, τ_D (sec)	Exposure duration > time for source depletion (YES/NO)	Finite source indoor attenuation coefficient, <α> (unitless)	Mass limit bldg. conc., $C_{building}$ (µg/m^3)	Finite source bldg. conc., $C_{building}$ (µg/m^3)	Final finite source bldg. conc., $C_{building}$ (µg/m^3)	Unit risk factor, URF (µg/m^3)$^{-1}$	Reference conc., RfC (mg/m^3)
Acetone	3.50E+01	7,440	2.78E-05	1.16E-03	1.78E-04	1.71E-02	1.71E-02	1.08E+03	1.71E-02	1.24E+63	1.00E+00	1.13E-08	3.80E+07	YES	NA	9.76E-02	NA	9.76E-02	NA	3.1E+01
1,2-Dichloroethane	5.80E+00	8,417	9.08E-04	3.78E-02	1.78E-04	1.39E-02	1.39E-02	1.84E+03	1.39E-02	9.59E+77	1.00E+00	9.40E-08	4.56E+06	YES	NA	1.62E-02	NA	1.62E-02	2.6E-05	7.0E-03
1,2-Dichloropropane	4.70E+01	8,527	2.16E-03	9.00E-02	1.78E-04	1.19E-02	1.19E-02	2.47E+04	1.19E-02	1.41E+91	1.00E+00	1.33E-07	3.22E+06	YES	NA	1.31E-01	NA	1.31E-01	1.0E-05	4.0E-03
Ethylbenzene	2.50E+02	10,045	5.76E-03	2.40E-01	1.78E-04	1.11E-02	1.11E-02	6.18E+04	1.11E-02	4.35E+97	1.00E+00	5.84E-08	7.34E+06	YES	NA	6.97E-01	NA	6.97E-01	NA	1.0E+00
Isopropylbenzene	7.50E+02	12,509	7.79E-03	3.24E-01	1.78E-04	9.75E-03	9.75E-03	1.63E+05	9.75E-03	7.10E+110	1.00E+00	4.53E-08	9.47E+06	YES	NA	2.09E+00	NA	2.09E+00	NA	4.0E-01
Toluene	3.50E+00	9,050	5.01E-03	2.09E-01	1.78E-04	1.26E-02	1.26E-02	1.35E+03	1.26E-02	8.27E+85	1.00E+00	1.04E-07	4.14E+06	YES	NA	9.76E-03	NA	9.76E-03	NA	5.0E+00
1,1,2-Trichloroethane	1.30E+01	9,468	6.14E-04	2.55E-02	1.78E-04	1.08E-02	1.08E-02	2.09E+03	1.08E-02	8.62E+99	1.00E+00	3.72E-08	1.15E+07	YES	NA	3.62E-02	NA	3.62E-02	1.6E-05	2.0E-04
Trichloroethene	1.80E+02	8,438	7.57E-03	3.15E-01	1.78E-04	1.11E-02	1.11E-02	2.64E+05	1.11E-02	2.28E+97	1.00E+00	3.48E-07	1.23E+06	YES	NA	5.02E-01	NA	5.02E-01	4.1E-06	2.0E-03
Xylene, p-	1.80E+03	10,136	5.03E-03	2.09E-01	1.78E-04	1.10E-02	1.10E-02	4.58E+05	1.10E-02	8.88E+97	1.00E+00	6.00E-08	7.15E+06	YES	NA	5.02E+00	NA	5.02E+00	NA	1.0E-01
Xylene, o-	1.80E+02	10,295	3.76E-03	1.56E-01	1.78E-04	1.11E-02	1.11E-02	3.40E+04	1.11E-02	9.86E+96	1.00E+00	4.50E-08	9.54E+06	YES	NA	5.02E-01	NA	5.02E-01	NA	1.0E-01
Acenaphthylene	2.70E+02	17,225	6.61E-05	2.75E-03	1.78E-04	7.10E-03	7.10E-03	1.20E+02	7.10E-03	1.77E+152	1.00E+00	6.72E-11	6.39E+09	NO	8.95E-04	NA	1.07E-01	1.07E-01	NA	NA
Anthracene	2.70E+02	21,626	2.84E-05	1.18E-03	1.78E-04	6.30E-03	6.30E-03	9.73E+00	6.30E-03	2.80E+171	1.00E+00	4.86E-12	8.84E+10	NO	8.14E-04	NA	7.92E-03	7.92E-03	NA	NA
Naphthalene	9.10E+01	12,813	2.95E-04	1.23E-02	1.78E-04	9.78E-03	9.78E-03	3.58E+02	9.78E-03	3.10E+110	1.00E+00	8.23E-10	5.21E+08	YES	NA	2.54E-01	NA	2.54E-01	3.4E-05	3.0E-03
Phenanthrene	2.50E+02	17,474	1.35E-05	5.63E-04	1.78E-04	8.78E-03	8.78E-03	2.37E+00	8.78E-03	1.11E+123	1.00E+00	1.78E-12	2.41E+11	NO	1.14E-03	NA	2.69E-03	2.69E-03	NA	NA

Table 8
Summary of Soil Results
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Indoor exposure soil conc., carcinogen (µg/kg)	Indoor exposure soil conc., noncarcinogen (µg/kg)	Risk-based indoor exposure soil conc., (µg/kg)	Soil saturation conc., C_{sat} (µg/kg)	Final indoor exposure soil conc., (µg/kg)	Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
Acetone	NA	NA	NA	3.75E+07	NA	NA	7.2E-07
1,2-Dichloroethane	NA	NA	NA	1.02E+06	NA	3.4E-08	5.3E-04
1,2-Dichloropropane	NA	NA	NA	4.80E+05	NA	1.1E-07	7.5E-03
Ethylbenzene	NA	NA	NA	1.64E+05	NA	NA	1.6E-04
Isopropylbenzene	NA	NA	NA	9.14E+04	NA	NA	1.2E-03
Toluene	NA	NA	NA	2.84E+05	NA	NA	4.5E-07
1,1,2-Trichloroethane	NA	NA	NA	7.29E+05	NA	4.7E-08	4.1E-02
Trichloroethene	NA	NA	NA	2.75E+05	NA	1.7E-07	5.7E-02
Xylene, p-	NA	NA	NA	1.33E+05	NA	NA	1.1E-02
Xylene, o-	NA	NA	NA	1.47E+05	NA	NA	1.1E-03
Acenaphthylene	NA	NA	NA	1.00E+05	NA	NA	NA
Anthracene	NA	NA	NA	1.42E+03	NA	NA	NA
Naphthalene	NA	NA	NA	9.68E+04	NA	7.0E-07	1.9E-02
Phenanthrene	NA	NA	NA	6.83E+04	NA	NA	NA
Total Risk and Hazard						**1E-06**	**0.1**

Table 9
Summary of Input Parameters For Shallow Groundwater
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Chemical CAS No. (numbers only, no dashes)	Initial Groundwater Concentration C_W (µg/L)	Chemical
67641	1.90E+01	Acetone
71432	2.20E-01	Benzene
75150	3.30E+00	Carbon Disulfide
67663	1.10E+00	Chloroform
74873	2.60E-01	Chloromethane
95501	3.70E-01	1,2-Dichlorobenzene
75354	1.80E-01	1,1-Dichloroethene
156592	1.20E+02	cis-1,2-Dichloroethene
156605	5.50E-01	trans-1,2-Dichloroethene
100414	1.60E+00	Ethylbenzene
591786	2.70E-01	2-Hexanone
98828	1.40E+00	Isopropylbenzene
1634044	7.40E+00	Methyl tert-Butyl Ether (MTBE)
127184	1.40E+00	Tetrachloroethene
108883	5.00E-01	Toluene
79016	6.80E+01	Trichloroethene
75014	1.00E+00	Vinyl Chloride
1330207	8.20E-01	Xylene, Mixture

ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER Thickness of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil stratum directly above water table, (Enter A, B, or C)	ENTER SCS soil type directly above water table	ENTER Soil stratum A SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
			Totals must add up to value of L_{WT} (cell G28)							
19.5	15	241.92	241.92	0	0	A	S	S		

ENTER Stratum A SCS soil type	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum B SCS soil type	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum C SCS soil type	ENTER Stratum C soil dry bulk density, ρ_b^C (g/cm^3)	ENTER Stratum C soil total porosity, n^C (unitless)	ENTER Stratum C soil water-filled porosity, θ_w^C (cm^3/cm^3)
Lookup Soil Parameters				Lookup Soil Parameters				Lookup Soil Parameters			
S	1.66	0.38	0.05								

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP ($g/cm\text{-}s^2$)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
10	40	1000	1000	244	0.1	0.48	

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Exposure Time ET (hrs/days)
70	30	30	350	1.0E-05	1	24

Table 10
Summary of Input Parameters
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$		Reference conc., RfC (mg/m^3)	
Acetone	1.06E-01	1.15E-05	3.50E-05	25	6,955	329.20	508.10	2.36E+00	1.00E+06	NA		3.1E+01	A
Benzene	8.95E-02	1.03E-05	5.55E-03	25	7,342	353.24	562.16	1.46E+02	1.79E+03	7.8E-06	I	3.0E-02	I
Carbon Disulfide	1.06E-01	1.30E-05	1.44E-02	25	6,391	319.00	552.00	2.17E+01	2.16E+03	NA		7.0E-01	I
Chloroform	7.69E-02	1.09E-05	3.67E-03	25	6,988	334.32	536.40	3.18E+01	7.95E+03	2.3E-05	I	9.8E-02	A
Chloromethane	1.24E-01	1.36E-05	8.82E-03	25	5,115	249.00	416.25	1.32E+01	5.32E+03	NA		9.0E-02	I
1,2-Dichlorobenzene	5.62E-02	8.92E-06	1.92E-03	25	9,700	453.57	705.00	3.83E+02	1.56E+02	NA		2.0E-01	H
1,1-Dichloroethene	8.63E-02	1.10E-05	2.61E-02	25	6,247	304.75	576.05	3.18E+01	2.42E+03	NA		2.0E-01	I
cis-1,2-Dichloroethene	8.84E-02	1.13E-05	4.08E-03	25	7,192	333.65	544.00	3.96E+01	6.41E+03	NA		NA	
trans-1,2-Dichloroethene	8.76E-02	1.12E-05	4.08E-03	25	6,717	320.85	516.50	3.96E+01	4.52E+03	NA		6.0E-02	P
Ethylbenzene	6.85E-02	8.46E-06	7.88E-03	25	8,501	409.34	617.20	4.46E+02	1.69E+02	NA		1.0E+00	I
2-Hexanone	7.04E-02	8.44E-06	9.32E-05	25	22,990	400.75	601.13	1.50E+01	1.72E+04	NA		3.0E-02	I
Isopropylbenzene	6.03E-02	7.86E-06	1.15E-02	25	10,335	425.56	631.10	6.98E+02	6.13E+01	NA		4.0E-01	I
Methyl tert-Butyl Ether (MTBE)	7.53E-02	8.59E-06	5.87E-04	25	6,678	328.30	497.10	1.16E+01	5.10E+04	2.6E-07	C	3.0E+00	I
Tetrachloroethene	5.05E-02	9.46E-06	1.77E-02	25	8,288	394.40	620.20	9.49E+01	2.06E+02	5.9E-06	C	2.7E-01	A
Toluene	7.78E-02	9.20E-06	6.64E-03	25	7,930	383.78	591.79	2.34E+02	5.26E+02	NA		5.0E+00	I
Trichloroethene	6.87E-02	1.02E-05	9.85E-03	25	7,505	360.36	544.20	6.07E+01	1.28E+03	4.1E-06	I	2.0E-03	I
Vinyl Chloride	1.07E-01	1.20E-05	2.78E-02	25	5,250	259.25	432.00	2.17E+01	8.80E+03	4.4E-06	I	1.0E-01	I
Xylene, Mixture	8.47E-02	9.90E-06	5.18E-03	25	8,525	413.78	620.68	3.83E+02	1.06E+02	NA		1.0E-01	I

Table 11
Intercalculations
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Chemical Name	Henry's law constant at ave. gw temp H_{TS} (atm-m^3/mol)	Henry's law constant at ave. gw temp H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Source vapor conc., C_{source} ($\mu g/m^3$)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
Acetone	2.76E-05	1.15E-03	1.78E-04	1.71E-02	1.41E-03	9.33E-03	2.19E+01	9.95E+01	1.71E-02	1.24E+63	9.32E-04	2.04E-02	NA	3.1E+01
Benzene	4.30E-03	1.79E-01	1.78E-04	1.45E-02	5.78E-04	5.16E-03	3.94E+01	9.95E+01	1.45E-02	4.56E+74	5.96E-04	2.35E-02	7.8E-06	3.0E-02
Carbon Disulfide	1.17E-02	4.86E-01	1.78E-04	1.72E-02	6.84E-04	6.11E-03	1.60E+03	9.95E+01	1.72E-02	6.31E+62	6.82E-04	1.09E+00	NA	7.0E-01
Chloroform	2.90E-03	1.21E-01	1.78E-04	1.24E-02	4.99E-04	4.45E-03	1.33E+02	9.95E+01	1.24E-02	8.06E+86	5.28E-04	7.01E-02	2.3E-05	9.8E-02
Chloromethane	7.61E-03	3.17E-01	1.78E-04	2.00E-02	7.97E-04	7.12E-03	8.24E+01	9.95E+01	2.00E-02	8.44E+53	7.66E-04	6.32E-02	NA	9.0E-02
1,2-Dichlorobenzene	1.33E-03	5.54E-02	1.78E-04	9.08E-03	3.72E-04	3.29E-03	2.05E+01	9.95E+01	9.08E-03	1.02E+119	4.09E-04	8.38E-03	NA	2.0E-01
1,1-Dichloroethene	2.14E-02	8.89E-01	1.78E-04	1.40E-02	5.54E-04	4.95E-03	1.60E+02	9.95E+01	1.40E-02	2.81E+77	5.77E-04	9.23E-02	NA	2.0E-01
cis-1,2-Dichloroethene	3.20E-03	1.33E-01	1.78E-04	1.43E-02	5.72E-04	5.10E-03	1.60E+04	9.95E+01	1.43E-02	4.10E+75	5.91E-04	9.46E+00	NA	NA
trans-1,2-Dichloroethene	3.26E-03	1.36E-01	1.78E-04	1.42E-02	5.67E-04	5.06E-03	7.48E+01	9.95E+01	1.42E-02	1.99E+76	5.87E-04	4.39E-02	NA	6.0E-02
Ethylbenzene	5.73E-03	2.39E-01	1.78E-04	1.11E-02	4.41E-04	3.94E-03	3.82E+02	9.95E+01	1.11E-02	4.35E+97	4.77E-04	1.82E-01	NA	1.0E+00
2-Hexanone	3.95E-05	1.65E-03	1.78E-04	1.14E-02	8.27E-04	5.81E-03	4.44E-01	9.95E+01	1.14E-02	9.90E+94	6.56E-04	2.91E-04	NA	3.0E-02
Isopropylbenzene	7.73E-03	3.22E-01	1.78E-04	9.75E-03	3.88E-04	3.47E-03	4.51E+02	9.95E+01	9.75E-03	7.10E+110	4.28E-04	1.93E-01	NA	4.0E-01
Methyl tert-Butyl Ether (MTBE	4.68E-04	1.95E-02	1.78E-04	1.22E-02	5.14E-04	4.50E-03	1.44E+02	9.95E+01	1.22E-02	6.49E+88	5.34E-04	7.69E-02	2.6E-07	3.0E+00
Tetrachloroethene	1.31E-02	5.46E-01	1.78E-04	8.16E-03	3.24E-04	2.90E-03	7.64E+02	9.95E+01	8.16E-03	2.89E+132	3.66E-04	2.80E-01	5.9E-06	2.7E-01
Toluene	4.98E-03	2.07E-01	1.78E-04	1.26E-02	5.02E-04	4.48E-03	1.04E+02	9.95E+01	1.26E-02	8.27E+85	5.31E-04	5.51E-02	NA	5.0E+00
Trichloroethene	7.54E-03	3.14E-01	1.78E-04	1.11E-02	4.42E-04	3.95E-03	2.13E+04	9.95E+01	1.11E-02	2.28E+97	4.78E-04	1.02E+01	4.1E-06	2.0E-03
Vinyl Chloride	2.38E-02	9.91E-01	1.78E-04	1.73E-02	6.87E-04	6.14E-03	9.91E+02	9.95E+01	1.73E-02	2.55E+62	6.85E-04	6.79E-01	4.4E-06	1.0E-01
Xylene, Mixture	3.75E-03	1.56E-01	1.78E-04	1.37E-02	5.47E-04	4.88E-03	1.28E+02	9.95E+01	1.37E-02	7.70E+78	5.70E-04	7.31E-02	NA	1.0E-01

Table 12
Summary of Results
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Resident Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Indoor groundwater conc., carcinogen (µg/L)	Indoor groundwater conc., noncarcinogen (µg/L)	Risk-based exposure groundwater conc., (µg/L)	Pure water solubility, S (µg/L)	Final exposure groundwater conc., (µg/L)	Total Excess Lifetime Cancer Risk (unitless)	Total Non-Cancer Hazard (unitless)
Acetone	NA	NA	NA	1.00E+09	NA	NA	6.3E-07
Benzene	NA	NA	NA	1.79E+06	NA	7.5E-08	7.5E-04
Carbon Disulfide	NA	NA	NA	2.16E+06	NA	NA	1.5E-03
Chloroform	NA	NA	NA	7.95E+06	NA	6.6E-07	6.9E-04
Chloromethane	NA	NA	NA	5.32E+06	NA	NA	6.7E-04
1,2-Dichlorobenzene	NA	NA	NA	1.56E+05	NA	NA	4.0E-05
1,1-Dichloroethene	NA	NA	NA	2.42E+06	NA	NA	4.4E-04
cis-1,2-Dichloroethene	NA	NA	NA	6.41E+06	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	4.52E+06	NA	NA	7.0E-04
Ethylbenzene	NA	NA	NA	1.69E+05	NA	NA	1.7E-04
2-Hexanone	NA	NA	NA	1.72E+07	NA	NA	9.3E-06
Isopropylbenzene	NA	NA	NA	6.13E+04	NA	NA	4.6E-04
Methyl tert-Butyl Ether (MTBE)	NA	NA	NA	5.10E+07	NA	8.2E-09	2.5E-05
Tetrachloroethene	NA	NA	NA	2.06E+05	NA	6.8E-07	9.9E-04
Toluene	NA	NA	NA	5.26E+05	NA	NA	1.1E-05
Trichloroethene	NA	NA	NA	1.28E+06	NA	1.7E-05	4.9E+00
Vinyl Chloride	NA	NA	NA	8.80E+06	NA	1.2E-06	6.5E-03
Xylene, Mixture	NA	NA	NA	1.06E+05	NA	NA	7.0E-04
Total Risk and Hazard						**2E-05**	**5**

Table 13
Summary of Input Parameters for Shallow Groundwater
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Chemical CAS No. (numbers only, no dashes)	Initial Groundwater Concentration C_W (µg/L)	Chemical
67641	1.90E+01	Acetone
71432	2.20E-01	Benzene
75150	3.30E+00	Carbon Disulfide
67663	1.10E+00	Chloroform
74873	2.60E-01	Chloromethane
95501	3.70E-01	1,2-Dichlorobenzene
75354	1.80E-01	1,1-Dichloroethene
156592	1.20E+02	cis-1,2-Dichloroethene
156605	5.50E-01	trans-1,2-Dichloroethene
100414	1.60E+00	Ethylbenzene
591786	2.70E-01	2-Hexanone
98828	1.40E+00	Isopropylbenzene
1634044	7.40E+00	Methyl tert-Butyl Ether (MTBE)
127184	1.40E+00	Tetrachloroethene
108883	5.00E-01	Toluene
79016	6.80E+01	Trichloroethene
75014	1.00E+00	Vinyl Chloride
1330207	8.20E-01	Xylene, Mixture

ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER Thickness of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil stratum directly above water table, (Enter A, B, or C)	ENTER SCS soil type directly above water table	ENTER Soil stratum A SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
			Totals must add up to value of L_{WT} (cell G28)							
19.5	15	241.92	241.92	0	0	A	S	S		

ENTER Stratum A SCS soil type (Lookup Soil Parameters)	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum B SCS soil type (Lookup Soil Parameters)	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum C SCS soil type (Lookup Soil Parameters)	ENTER Stratum C soil dry bulk density, ρ_b^C (g/cm^3)	ENTER Stratum C soil total porosity, n^C (unitless)	ENTER Stratum C soil water-filled porosity, θ_w^C (cm^3/cm^3)
S	1.66	0.38	0.05								

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP ($g/cm\text{-}s^2$)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
10	40	1000	1000	366	0.1	0.48	

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Exposure Time ET (hrs/days)
70	25	25	250	1.0E-06	1	8

Table 14
Summary of Input Parameters
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF ($\mu g/m^3)^{-1}$		Reference conc., RfC (mg/m^3)	
Acetone	1.06E-01	1.15E-05	3.50E-05	25	6,955	329.20	508.10	2.36E+00	1.00E+06	NA		3.1E+01	A
Benzene	8.95E-02	1.03E-05	5.55E-03	25	7,342	353.24	562.16	1.46E+02	1.79E+03	7.8E-06	I	3.0E-02	I
Carbon Disulfide	1.06E-01	1.30E-05	1.44E-02	25	6,391	319.00	552.00	2.17E+01	2.16E+03	NA		7.0E-01	I
Chloroform	7.69E-02	1.09E-05	3.67E-03	25	6,988	334.32	536.40	3.18E+01	7.95E+03	2.3E-05	I	9.8E-02	A
Chloromethane	1.24E-01	1.36E-05	8.82E-03	25	5,115	249.00	416.25	1.32E+01	5.32E+03	NA		9.0E-02	I
1,2-Dichlorobenzene	5.62E-02	8.92E-06	1.92E-03	25	9,700	453.57	705.00	3.83E+02	1.56E+02	NA		2.0E-01	H
1,1-Dichloroethene	8.63E-02	1.10E-05	2.61E-02	25	6,247	304.75	576.05	3.18E+01	2.42E+03	NA		2.0E-01	I
cis-1,2-Dichloroethene	8.84E-02	1.13E-05	4.08E-03	25	7,192	333.65	544.00	3.96E+01	6.41E+03	NA		NA	
trans-1,2-Dichloroethene	8.76E-02	1.12E-05	4.08E-03	25	6,717	320.85	516.50	3.96E+01	4.52E+03	NA		6.0E-02	P
Ethylbenzene	6.85E-02	8.46E-06	7.88E-03	25	8,501	409.34	617.20	4.46E+02	1.69E+02	NA		1.0E+00	I
2-Hexanone	7.04E-02	8.44E-06	9.32E-05	25	22,990	400.75	601.13	1.50E+01	1.72E+04	NA		3.0E-02	I
Isopropylbenzene	6.03E-02	7.86E-06	1.15E-02	25	10,335	425.56	631.10	6.98E+02	6.13E+01	NA		4.0E-01	I
Methyl tert-Butyl Ether (MTBE)	7.53E-02	8.59E-06	5.87E-04	25	6,678	328.30	497.10	1.16E+01	5.10E+04	2.6E-07	C	3.0E+00	I
Tetrachloroethene	5.05E-02	9.46E-06	1.77E-02	25	8,288	394.40	620.20	9.49E+01	2.06E+02	5.9E-06	C	2.7E-01	A
Toluene	7.78E-02	9.20E-06	6.64E-03	25	7,930	383.78	591.79	2.34E+02	5.26E+02	NA		5.0E+00	I
Trichloroethene	6.87E-02	1.02E-05	9.85E-03	25	7,505	360.36	544.20	6.07E+01	1.28E+03	4.1E-06	I	2.0E-03	I
Vinyl Chloride	1.07E-01	1.20E-05	2.78E-02	25	5,250	259.25	432.00	2.17E+01	8.80E+03	4.4E-06	I	1.0E-01	I
Xylene, Mixture	8.47E-02	9.90E-06	5.18E-03	25	8,525	413.78	620.68	3.83E+02	1.06E+02	NA		1.0E-01	I

Table 15
Intercalculations
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Chemical Name	Henry's law constant at ave. gw temp H_{TS} (atm-m^3/mol)	Henry's law constant at ave. gw temp H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Source vapor conc., C_{source} ($\mu g/m^3$)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
Acetone	2.76E-05	1.15E-03	1.78E-04	1.71E-02	1.41E-03	9.33E-03	2.19E+01	9.95E+01	1.71E-02	1.24E+63	6.21E-04	1.36E-02	NA	3.1E+01
Benzene	4.30E-03	1.79E-01	1.78E-04	1.45E-02	5.78E-04	5.16E-03	3.94E+01	9.95E+01	1.45E-02	4.56E+74	3.97E-04	1.57E-02	7.8E-06	3.0E-02
Carbon Disulfide	1.17E-02	4.86E-01	1.78E-04	1.72E-02	6.84E-04	6.11E-03	1.60E+03	9.95E+01	1.72E-02	6.31E+62	4.55E-04	7.29E-01	NA	7.0E-01
Chloroform	2.90E-03	1.21E-01	1.78E-04	1.24E-02	4.99E-04	4.45E-03	1.33E+02	9.95E+01	1.24E-02	8.06E+86	3.52E-04	4.67E-02	2.3E-05	9.8E-02
Chloromethane	7.61E-03	3.17E-01	1.78E-04	2.00E-02	7.97E-04	7.12E-03	8.24E+01	9.95E+01	2.00E-02	8.44E+53	5.11E-04	4.21E-02	NA	9.0E-02
1,2-Dichlorobenzene	1.33E-03	5.54E-02	1.78E-04	9.08E-03	3.72E-04	3.29E-03	2.05E+01	9.95E+01	9.08E-03	1.02E+119	2.73E-04	5.59E-03	NA	2.0E-01
1,1-Dichloroethene	2.14E-02	8.89E-01	1.78E-04	1.40E-02	5.54E-04	4.95E-03	1.60E+02	9.95E+01	1.40E-02	2.81E+77	3.85E-04	6.16E-02	NA	2.0E-01
cis-1,2-Dichloroethene	3.20E-03	1.33E-01	1.78E-04	1.43E-02	5.72E-04	5.10E-03	1.60E+04	9.95E+01	1.43E-02	4.10E+75	3.94E-04	6.31E+00	NA	NA
trans-1,2-Dichloroethene	3.26E-03	1.36E-01	1.78E-04	1.42E-02	5.67E-04	5.06E-03	7.48E+01	9.95E+01	1.42E-02	1.99E+76	3.91E-04	2.92E-02	NA	6.0E-02
Ethylbenzene	5.73E-03	2.39E-01	1.78E-04	1.11E-02	4.41E-04	3.94E-03	3.82E+02	9.95E+01	1.11E-02	4.35E+97	3.18E-04	1.21E-01	NA	1.0E+00
2-Hexanone	3.95E-05	1.65E-03	1.78E-04	1.14E-02	8.27E-04	5.81E-03	4.44E-01	9.95E+01	1.14E-02	9.90E+94	4.37E-04	1.94E-04	NA	3.0E-02
Isopropylbenzene	7.73E-03	3.22E-01	1.78E-04	9.75E-03	3.88E-04	3.47E-03	4.51E+02	9.95E+01	9.75E-03	7.10E+110	2.85E-04	1.29E-01	NA	4.0E-01
Methyl tert-Butyl Ether (MTBE	4.68E-04	1.95E-02	1.78E-04	1.22E-02	5.14E-04	4.50E-03	1.44E+02	9.95E+01	1.22E-02	6.49E+88	3.56E-04	5.13E-02	2.6E-07	3.0E+00
Tetrachloroethene	1.31E-02	5.46E-01	1.78E-04	8.16E-03	3.24E-04	2.90E-03	7.64E+02	9.95E+01	8.16E-03	2.89E+132	2.44E-04	1.87E-01	5.9E-06	2.7E-01
Toluene	4.98E-03	2.07E-01	1.78E-04	1.26E-02	5.02E-04	4.48E-03	1.04E+02	9.95E+01	1.26E-02	8.27E+85	3.54E-04	3.67E-02	NA	5.0E+00
Trichloroethene	7.54E-03	3.14E-01	1.78E-04	1.11E-02	4.42E-04	3.95E-03	2.13E+04	9.95E+01	1.11E-02	2.28E+97	3.19E-04	6.81E+00	4.1E-06	2.0E-03
Vinyl Chloride	2.38E-02	9.91E-01	1.78E-04	1.73E-02	6.87E-04	6.14E-03	9.91E+02	9.95E+01	1.73E-02	2.55E+62	4.56E-04	4.52E-01	4.4E-06	1.0E-01
Xylene, Mixture	3.75E-03	1.56E-01	1.78E-04	1.37E-02	5.47E-04	4.88E-03	1.28E+02	9.95E+01	1.37E-02	7.70E+78	3.80E-04	4.88E-02	NA	1.0E-01

Table 16
Summary of Results
USEPA Spreadsheets for the Johnson and Ettinger Vapor Intrusion Model
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah, Georgia

Constituent	Indoor groundwater conc., carcinogen (μg/L)	Indoor groundwater conc., noncarcinogen (μg/L)	Risk-based exposure groundwater conc., (μg/L)	Pure water solubility, S (μg/L)	Final exposure groundwater conc., (μg/L)	Total Excess Lifetime Cancer Risk (unitless)	Total Non-Cancer Hazard (unitless)
Acetone	NA	NA	NA	1.00E+09	NA	NA	1.0E-07
Benzene	NA	NA	NA	1.79E+06	NA	1.0E-08	1.2E-04
Carbon Disulfide	NA	NA	NA	2.16E+06	NA	NA	2.4E-04
Chloroform	NA	NA	NA	7.95E+06	NA	8.8E-08	1.1E-04
Chloromethane	NA	NA	NA	5.32E+06	NA	NA	1.1E-04
1,2-Dichlorobenzene	NA	NA	NA	1.56E+05	NA	NA	6.4E-06
1,1-Dichloroethene	NA	NA	NA	2.42E+06	NA	NA	7.0E-05
cis-1,2-Dichloroethene	NA	NA	NA	6.41E+06	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	4.52E+06	NA	NA	1.1E-04
Ethylbenzene	NA	NA	NA	1.69E+05	NA	NA	2.8E-05
2-Hexanone	NA	NA	NA	1.72E+07	NA	NA	1.5E-06
Isopropylbenzene	NA	NA	NA	6.13E+04	NA	NA	7.3E-05
Methyl tert-Butyl Ether (MTBE)	NA	NA	NA	5.10E+07	NA	1.1E-09	3.9E-06
Tetrachloroethene	NA	NA	NA	2.06E+05	NA	9.0E-08	1.6E-04
Toluene	NA	NA	NA	5.26E+05	NA	NA	1.7E-06
Trichloroethene	NA	NA	NA	1.28E+06	NA	2.3E-06	7.8E-01
Vinyl Chloride	NA	NA	NA	8.80E+06	NA	1.6E-07	1.0E-03
Xylene, Mixture	NA	NA	NA	1.06E+05	NA	NA	1.1E-04
Total Risk and Hazard						**3E-06**	**0.8**

Table 17
OSWER VAPOR INTRUSION ASSESSMENT
Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 3.45, November 2015 RSLs

2010 Shallow Groundwater
Residential Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah Georgia

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Residential	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)
Average Groundwater Temperature (^oC)	Tgw	19.6	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

	CAS	Chemical Name	Site Groundwater Concentration Cgw (ug/L)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ
x	79-01-6	Trichloroethylene	6.8E+01	2.11E+01	**4.4E-05**	**1.0E+01**
x	75-01-4	Vinyl Chloride	1.0E+00	9.76E-01	**5.8E-06**	9.4E-03

Inhalation Unit Risk IUR ($ug/m^3)^{-1}$	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
see note	I	2.00E-03	I	TCE
4.40E-06	I	1.00E-01	I	VC

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

Exposure Scenario	Units	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Averaging time for carcinogens	(yrs)	ATc_R_GW	70	ATc_C_GW	70	ATc_GW	70
Averaging time for non-carcinogens	(yrs)	ATnc_R_GW	26	ATnc_C_GW	25	Atnc_GW	26
Exposure duration	(yrs)	ED_R_GW	26	ED_C_GW	25	ED_GW	26
Exposure frequency	(days/yr)	EF_R_GW	350	EF_C_GW	250	EF_GW	350
Exposure time	(hr/day)	ET_R_GW	24	ET_C_GW	8	ET_GW	24

(2) **Generic Attenuation Factors:**

Source Medium of Vapors		Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Groundwater	(-)	AFgw_R_GW	0.001	AFgw_C_GW	0.001	AFgw_GW	0.001
Sub-Slab and Exterior Soil Gas	(-)	AFss_R_GW	0.03	AFss_C_GW	0.03	AFss_GW	0.03

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)
Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR)
Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET)

(4) **Special Case Chemicals**

	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Trichloroethylene						
	mIURTCE_R_GW	1.00E-06	mIURTCE_C_GW	0.00E+00	mIURTCE_GW	1.00E-06
	IURTCE_R_GW	3.10E-06	IURTCE_C_GW	4.10E-06	IURTCE_GW	3.10E-06

Vinyl Chloride — See the Navigation Guide equation for Cia,c for vinyl chloride.

Notation:

I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at http://www.epa.gov/iris/subst/index.html
Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).
VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).
TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).
Yellow highlighting indicates site-specific parameters that may be edited by the user
Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS) or EPA vapor intrusion guidance, which generally should not be changed.
Pink highlighting indicates VI carcinogenic risk greater than the target risk for carcinogens (TCR) or VI Hazard greater than or equal to the target hazard quotient for non-carcinogens (THQ).

Table 18
OSWER VAPOR INTRUSION ASSESSMENT
Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 3.45, November 2015 RSLs

2010 Shallow Groundwater
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah Georgia

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)
Average Groundwater Temperature (^{o}C)	Tgw	19.6	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

	CAS	Chemical Name	Site Groundwater Concentration Cgw (ug/L)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ	Inhalation Unit Risk IUR (ug/m^3)$^{-1}$	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
x	79-01-6	Trichloroethylene	6.8E+01	2.11E+01	**7.0E-06**	**2.4E+00**	see note	I	2.00E-03	I	TCE
x	75-01-4	Vinyl Chloride	1.0E+00	9.76E-01	3.5E-07	2.2E-03	4.40E-06	I	1.00E-01	I	VC

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

Exposure Scenario	Units	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Averaging time for carcinogens	(yrs)	ATc_R_GW	70	ATc_C_GW	70	ATc_GW	70
Averaging time for non-carcinogens	(yrs)	ATnc_R_GW	26	ATnc_C_GW	25	Atnc_GW	25
Exposure duration	(yrs)	ED_R_GW	26	ED_C_GW	25	ED_GW	25
Exposure frequency	(days/yr)	EF_R_GW	350	EF_C_GW	250	EF_GW	250
Exposure time	(hr/day)	ET_R_GW	24	ET_C_GW	8	ET_GW	8

(2) **Generic Attenuation Factors:**

Source Medium of Vapors		Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Groundwater	(-)	AFgw_R_GW	0.001	AFgw_C_GW	0.001	AFgw_GW	0.001
Sub-Slab and Exterior Soil Gas	(-)	AFss_R_GW	0.03	AFss_C_GW	0.03	AFss_GW	0.03

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)
Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR)
Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET)

(4) **Special Case Chemicals**

	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Trichloroethylene	mIURTCE_R_GW	1.00E-06	mIURTCE_C_GW	0.00E+00	mIURTCE_GW	0.00E+00
	IURTCE_R_GW	3.10E-06	IURTCE_C_GW	4.10E-06	IURTCE_GW	4.10E-06

Vinyl Chloride — See the Navigation Guide equation for Cia,c for vinyl chloride.

Notation:

I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at http://www.epa.gov/iris/subst/index.html
Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).
VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).
TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).
Yellow highlighting indicates site-specific parameters that may be edited by the user
Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS) or EPA vapor intrusion guidance, which generally should not be changed.
Pink highlighting indicates VI carcinogenic risk greater than the target risk for carcinogens (TCR) or VI Hazard greater than or equal to the target hazard quotient for non-carcinogens (THQ).

Table 19
OSWER VAPOR INTRUSION ASSESSMENT
Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 3.45, November 2015 RSLs

2014 Shallow Groundwater
Residential Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah Georgia

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Residential	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)
Average Groundwater Temperature (°C)	Tgw	19.6	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

	CAS	Chemical Name	Site Groundwater Concentration Cgw (ug/L)	Calculated Indoor Air Concentration Cia (ug/m³)	VI Carcinogenic Risk CR	VI Hazard HQ	Inhalation Unit Risk IUR (ug/m³)⁻¹	IUR Source*	Reference Concentration RfC (mg/m³)	RFC Source*	Mutagenic Indicator i
x	79-01-6	Trichloroethylene	1.9E+02	5.88E+01	**1.2E-04**	**2.8E+01**	see note	I	2.00E-03	I	TCE
x	75-01-4	Vinyl Chloride	1.9E+00	1.85E+00	**1.1E-05**	1.8E-02	4.40E-06	I	1.00E-01	I	VC

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

Exposure Scenario	Units	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Averaging time for carcinogens	(yrs)	ATc_R_GW	70	ATc_C_GW	70	ATc_GW	70
Averaging time for non-carcinogens	(yrs)	ATnc_R_GW	26	ATnc_C_GW	25	Atnc_GW	26
Exposure duration	(yrs)	ED_R_GW	26	ED_C_GW	25	ED_GW	26
Exposure frequency	(days/yr)	EF_R_GW	350	EF_C_GW	250	EF_GW	350
Exposure time	(hr/day)	ET_R_GW	24	ET_C_GW	8	ET_GW	24

(2) **Generic Attenuation Factors:**

Source Medium of Vapors		Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Groundwater	(-)	AFgw_R_GW	0.001	AFgw_C_GW	0.001	AFgw_GW	0.001
Sub-Slab and Exterior Soil Gas	(-)	AFss_R_GW	0.03	AFss_C_GW	0.03	AFss_GW	0.03

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)
Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR)
Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET)

(4) **Special Case Chemicals**

	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Trichloroethylene	mIURTCE_R_GW	1.00E-06	mIURTCE_C_GW	0.00E+00	mIURTCE_GW	1.00E-06
	IURTCE_R_GW	3.10E-06	IURTCE_C_GW	4.10E-06	IURTCE_GW	3.10E-06
Vinyl Chloride	See the Navigation Guide equation for Cia,c for vinyl chloride.					

Notation:
I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at http://www.epa.gov/iris/subst/index.html
Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).
VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).
TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).
Yellow highlighting indicates site-specific parameters that may be edited by the user
Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS) or EPA vapor intrusion guidance, which generally should not be changed.
Pink highlighting indicates VI carcinogenic risk greater than the target risk for carcinogens (TCR) or VI Hazard greater than or equal to the target hazard quotient for non-carcinogens (THQ).

Table 20
OSWER VAPOR INTRUSION ASSESSMENT
Groundwater Concentration to Indoor Air Concentration (GWC-IAC) Calculator Version 3.45, November 2015 RSLs

2014 Shallow Groundwater
Site Worker Receptor
HAA-15 (MCA Barracks Site)
Hunter Army Airfield, Savannah Georgia

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)
Average Groundwater Temperature (^{o}C)	Tgw	19.6	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

	CAS	Chemical Name	Site Groundwater Concentration Cgw (ug/L)	Calculated Indoor Air Concentration Cia (ug/m^3)	VI Carcinogenic Risk CR	VI Hazard HQ	Inhalation Unit Risk IUR (ug/m^3)$^{-1}$	IUR Source*	Reference Concentration RfC (mg/m^3)	RFC Source*	Mutagenic Indicator i
x	79-01-6	Trichloroethylene	1.9E+02	5.88E+01	**2.0E-05**	**6.7E+00**	see note	I	2.00E-03	I	TCE
x	75-01-4	Vinyl Chloride	1.9E+00	1.85E+00	6.7E-07	4.2E-03	4.40E-06	I	1.00E-01	I	VC

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

	Units	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Exposure Scenario							
Averaging time for carcinogens	(yrs)	ATc_R_GW	70	ATc_C_GW	70	ATc_GW	70
Averaging time for non-carcinogens	(yrs)	ATnc_R_GW	26	ATnc_C_GW	25	Atnc_GW	25
Exposure duration	(yrs)	ED_R_GW	26	ED_C_GW	25	ED_GW	25
Exposure frequency	(days/yr)	EF_R_GW	350	EF_C_GW	250	EF_GW	250
Exposure time	(hr/day)	ET_R_GW	24	ET_C_GW	8	ET_GW	8

(2) **Generic Attenuation Factors:**

		Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Source Medium of Vapors							
Groundwater	(-)	AFgw_R_GW	0.001	AFgw_C_GW	0.001	AFgw_GW	0.001
Sub-Slab and Exterior Soil Gas	(-)	AFss_R_GW	0.03	AFss_C_GW	0.03	AFss_GW	0.03

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)
Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR
Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET

(4) **Special Case Chemicals**

	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario) Symbol	Selected (based on scenario) Value
Trichloroethylene						
	mIURTCE_R_GW	1.00E-06	mIURTCE_C_GW	0.00E+00	mIURTCE_GW	0.00E+00
	IURTCE_R_GW	3.10E-06	IURTCE_C_GW	4.10E-06	IURTCE_GW	4.10E-06

Vinyl Chloride — See the Navigation Guide equation for Cia,c for vinyl chloride.

Notation:

I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at http://www.epa.gov/iris/subst/index.html
Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).
VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).
TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).
Yellow highlighting indicates site-specific parameters that may be edited by the user
Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS) or EPA vapor intrusion guidance, which generally should not be changed.
Pink highlighting indicates VI carcinogenic risk greater than the target risk for carcinogens (TCR) or VI Hazard greater than or equal to the target hazard quotient for non-carcinogens (THQ).

Attachment 2

SOP 826199: Subsurface Soil-Gas Sampling and Analysis Using Method TO-15-Single Port, Direct Push, Hollow Stem and Hand Auger Installation, Rev. #1

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Subsurface Soil-Gas Sampling and Analysis Using USEPA Method TO-15 – Single Port, Direct Push, Hollow-Stem and Hand Auger Installation

Rev. #: 2

Rev Date: August 19, 2009

Approval Signatures

Prepared by: _____ Date: _____
Mitch Wacksman and Michael Strikler

Reviewed by: _____ Date: 11/14/08
(Technical Expert) Christopher Lutes

I. Scope and Application

This document describes the procedures to collect subsurface soil-gas samples for the analysis of volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-15 (TO-15). The TO-15 method uses a 6-liter SUMMA® passivated stainless-steel canister. An evacuated 6-liter SUMMA® canister (<28 inches of mercury [Hg]) will provide a recoverable whole-gas sample of approximately 5.5 liters when allowed to fill to a vacuum of 2 inches of Hg. The whole-air sample will be analyzed for VOCs using a quadrupole or ion-trap gas chromatograph/mass spectrometer (GC/MS) system to provide compound detection limits of 0.5 parts per billion volume (ppbv).

The following sections list the necessary equipment and provide detailed instructions for the installation of soil-gas probes (using direct-push, hollow-stem and hand auger technologies) and the collection of soil-gas samples for VOC analysis.

This SOP should be reviewed prior to work plan preparation to ensure its compliance with specific regulatory and/or client requirements for subsurface soil-gas sampling.

II. Personnel Qualifications

ARCADIS field sampling personnel will have current health and safety training, including 40-hour HAZWOPER training, site supervisor training, site-specific training, first-aid, and cardiopulmonary resuscitation (CPR), as needed. ARCADIS field sampling personnel will be well versed in the relevant standard operating procedures (SOPs) and possess the required skills and experience necessary to successfully complete the desired field work. ARCADIS personnel responsible for leading subsurface soil-gas sample collection activities must have previous subsurface soil-gas sampling experience.

III. Equipment List

The equipment required to install a soil vapor probe is presented below:

- Appropriate PPE (as required by the Health and Safety Plan);
- Appropriate drill rig to reach necessary sample depth (hollow-stem auger, direct-push rig, hand auger, etc.)

- Direct-push rig (e.g., PowerProbe™) equipped with interconnecting 4-foot lengths of 1.25-inch-diameter steel rods; or
- Hollow-stem auger drill rig with interconnecting augers. The inner diameter of typical augers range from 2.25-inches to 7.75 inches.
- Hand auger equipped with the necessary lengths of shaft extenders to reach the desired depth;

- Commercially available stainless steel sample screens
- Expendable points (one per sample);
- Expendable point holder, and appropriate twist-to-lock (or Swagelok®) connector;
- Stainless steel, brass or Teflon® ball valve or needle valve;
- Photoionization Detector (with a lamp of 11.7 eV);
- ¼-inch inside diameter (ID) tubing (Teflon®, Teflon®-lined polyethylene, or PEEK);
- Commercially available clean sand or play sand;
- Non-coated bentonite (dry chips and wet slurry);
- Down-hole measuring device; and
- Traffic-rated well cover (for permanent installations)
- Kneeling pad

The equipment required for soil-gas sample collection is presented below:

- Stainless steel SUMMA® canisters (order at least one extra, if feasible);
- Flow controllers with in-line particulate filters and vacuum gauges; flow controllers are pre-calibrated to specified sample duration (e.g., 30 minutes, 8 hours, 24 hours) or flow rate (e.g., 200 milliliters per minute [mL/min]);

confirm with the laboratory that the flow controller comes with an in-line particulate filter and pressure gauge (order at least one extra, if feasible),

- flow controllers pre-calibrated to the appropriate duplicate sampling time (typically double the standard sample time);
- Slower flow rates will likely be required in silty or clay soils.
- 1/4-inch ID tubing (Teflon® or Teflon®-lined polyethylene);
- Twist-to-lock or Swagelok® fittings;
- Stainless steel “T” fitting (if collecting duplicate [i.e., split] samples);
- Portable vacuum pump capable of producing very low flow rates (e.g., 100 to 200 mL/min) with vacuum gauge;
- Rotameter or an electric flow sensor if vacuum pump does not have a flow gauge;
- Tracer gas source (e.g., helium);
- Tracer gas detector;
- PID;
- Appropriate-sized open-end or flare-nut wrench (typically 9/16-inch + ½”); flare-nut wrenches as opposed to open-end wrenches can reduce the risk of the wrench slipping off of the fitting while tightening (and possibly causing hand injury or damage to the sampling train
- Chain-of-custody (COC) form;
- Sample collection log (attached); and
- Field notebook.

IV. Cautions

Sampling personnel should not handle hazardous substances (such as gasoline), permanent marking pens, wear/apply fragrances, wear dry-cleaned clothing, or smoke cigarettes/cigars before and/or during the sampling event.

Care should be taken to ensure that the flow controller is pre-calibrated to the proper sample collection time (confirm with laboratory) and is capable of being transported without damage to the calibration. Sample integrity is maintained if the sampling event is shorter than the target duration, but sample integrity can be compromised if the event is extended to the point that the canister reaches atmospheric pressure.

Care must be taken to properly seal around the vapor probe at ground surface and to fully tighten (but not over-tighten) fittings to prevent leakage of atmosphere into the soil vapor probe and sampling train during purging and sampling. Temporary sampling points are to be sealed at the surface using hydrated bentonite. Permanent points are sealed at the surface using quick-setting hydraulic cement powder.

V. Health and Safety Considerations

Field sampling equipment must be carefully handled to minimize the potential for injury and the spread of hazardous substances. For subsurface vapor probe installation, drilling with a direct-push or hollow-stem drilling rig should be done only by personnel with prior experience using such a piece of equipment.

VI. Procedure

Soil-Gas Steel Rod Monitoring Point Installation

1. Advance an assembly, consisting of interconnected lengths of decontaminated 1.25-inch-diameter steel drive rods, affixed with an expendable point holder and expendable point at the downhole end to the bottom of the desired sampling interval.

2. Cut a length of sample collection tubing slightly longer (e.g., 1 to 2 feet) than the collection depth. Attach a twist-to-lock connector to one end of the sample collection tubing and lower the twist-to-lock connector and attached tubing through the drive rods. Thread the twist-to-lock connector into the expendable point holder by twisting counterclockwise.

3. Hydraulically retract the sampling assembly approximately 6 inches or more if needed, allowing the expendable point to fall off and creating a void in the subsurface for soil-gas sample collection.

4. Fill annular space between the steel drive rod and the borehole wall (if any) with bentonite. Typically, only a bentonite surface seal is needed since there is no annular space between the steel drive rods and the borehole wall.

5. Proceed to soil-gas sample collection.

Soil-Gas Hollow-Stem Auger Monitoring Point Installation

1. Advance boring just past the bottom of deepest sampling interval.

2. Fill the boring with sand to the deepest sampling interval.

3. Cut a length of sample collection tubing slighty longer (e.g., 4 to 5 feet) than the collections depth. Attach a stainless steel sample screen to one end of the sample collection tubing and lower the screen and attached tubing down the middle of the augers.

4. Assure that the sample screen has reached the bottom of the boring and record this depth.

5. Being simultaneously filling in the area around the sample screen with clean sand and retracting the augers. Sand should be introduced to cover the sample screen then to extend above the screen per work plan instructions.

6. With the proper sand pack in place, slowly add a layer of dry bentonite chips to prevent moisture from the hydrated bentonite slurry from reaching the sampling point.

7. With the dry bentonite chips in place, slowy pour hydrated bentonite down the augers while simultaneously retracting the augers.

8. Seal the boring per work plan instructions (typically hydrated bentonite chips and concrete).

9. Affix a Swagelok® fitting and valve to the end of the tubing.

10. Properly label the sample tubing and valve with a permanent label to designate the sample number and screen depth.

11. All soil-gas points should be allowed to equilibrate for a minimum of 48 hours before proceeding to soil-gas sample collection**.**

Hand Auger Monitoring Point Installation

The procedures for hand auger monitoring point installation are very similar to the hollow-stem auger procedure. Once the boring has been cleared to just past its final depth, the entire hand auger should be removed from the boring. Monitoring point installation should then commence as described for the hollow-stem auger installation.

Soil-Gas Sample Collection

Preparation of SUMMA®-Type Canister and Collection of Sample

1. Record the following information in the field notebook, if appropriate (contact the local airport or other suitable information source [e.g., site-specific measurements, weatherunderground.com] to obtain the information):

    a. wind speed and direction;

    b. ambient temperature;

    c. barometric pressure; and

    d. relative humidity.

2. Connect a short piece of Teflon tubing to the sub-slab sampling port using a twist-to-lock fitting.

3. Connect a portable vacuum pump to the sample tubing. Purge 1 to 2 (target 1.5) volumes of air from the vapor probe and sampling line using a portable pump [purge volume = 1.5 Pi r2h] at a rate of approximately 100 mL/min. Measure organic vapor levels with the PID. Lower flow rates may be necessary in silt or clay to avoid excessive vacuum. Vacuum is >136 inches of water column are clearly excessive. Other sources site a cutoff of >10 inches of water column.

4. Check the seal established around the soil vapor probe by using a tracer gas (e.g., helium) or other method established in the state guidance documents.

[Note: Refer to SOP "Administering Tracer Gas," adapted from NYSDOH 2005, for procedures on tracer gas use.]

5. Remove the brass or stainless steel plug from the SUMMA® canister and connect the flow controller with in-line particulate filter and vacuum gauge to the SUMMA® canister. Do not open the valve on the SUMMA® canister. Record in the field notebook and COC form the flow controller number with the appropriate SUMMA® canister number.

6. Connect the Teflon sample collection tubing to the flow controller and the SUMMA® canister valve. Record in the field notebook the time sampling began and the canister pressure.

7. Connect the other end of the polyethylene tubing to the sub-slab sampling port.

8. Open the SUMMA® canister valves. Record in the field notebook the time sampling began and the canister pressure.

9. Take a photograph of the SUMMA® canister and surrounding area.

Termination of Sample Collection

1. Arrive at the SUMMA® canister location at least 10 to 15 minutes prior to the end of the required sampling interval (e.g., 30 to 60 minutes).

2. Record the final vacuum pressure. Stop collecting the sample by closing the SUMMA® canister valves. The canister should have a minimum amount of vacuum (approximately 2 inches of Hg or slightly greater).

3. Record the date and local time (24-hour basis) of valve closing in the field notebook, sample collection log, and COC form.

4. Remove the particulate filter and flow controller from the SUMMA® canister, re-install the brass plug on the canister fitting, and tighten with the appropriate wrench.

5. Package the canister and flow controller in the shipping container supplied by the laboratory for return shipment to the laboratory. The SUMMA® canister does not require preservation with ice or refrigeration during shipment.

6. Complete the appropriate forms and sample labels as directed by the laboratory (e.g., affix card with a string).

Complete the COC form and place the requisite copies in a shipping container. Close the shipping container and affix a custody seal to the container closure. Ship the container to the laboratory via overnight carrier (e.g., Federal Express) for analysis.

Soil-Gas Monitoring Point Abandonment

Once the soil-gas samples have been collected, the soil-gas monitoring points will be abandoned by removing the drive rods and filling the resulting hole with bentonite.

VII. Waste Management

Field personnel will collect and remove all investigation-derived waste materials (including disposable equipment) for proper disposal.

VIII. Data Recording and Management

Measurements will be recorded in the field notebook at the time of measurement with notations of the project name, sample date, sample start and finish time, sample location (e.g., GPS coordinates, distance from permanent structure), canister serial number, flow controller serial number, initial vacuum reading, and final pressure reading. Field sampling logs and COC records will be transmitted to the Project Manager.

IX. Quality Assurance

Soil-gas sample analysis will be performed using USEPA TO-15 methodology. This method uses a quadrupole or ion-trap GC/MS with a capillary column to provide optimum detection limits. The GC/MS system requires a 1-liter gas sample (which can easily be recovered from a 6-liter canister) to provide a 0.5-ppbv detection limit. The 6-liter canister also provides several additional 1-liter samples in case subsequent re-analyses or dilutions are required. This system also offers the advantage of the GC/MS detector, which confirms the identity of detected compounds by evaluating their mass spectra.

All analytical results will be reported in units of • g/m3.

X. References

New York State Department of Health (NYSDOH). 2005. DRAFT "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" February 23, 2005.

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Soil-Gas Sample Collection Log

Sample ID:

Client:		**Date/Day:**	
Project:		**Weather:**	
Location:		**Temperature:**	
Project #:		**Wind Speed/Direction:**	
Samplers:		**Subcontractor:**	
Logged By:		**Equipment:**	
Coordinates:		**Moisture Content of Sampling Zone (circle one):**	Dry / Moist
Sampling Depth:		**Approximate Purge Volume:**	
Time of Collection:		**Background PID Ambient Air Reading:**	

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (ft)

SUMMA Canister Information:

Size (circle one): 1 L 6 L
Canister ID: _____

Flow Controller ID: _____

Tracer Gas Information (if applicable)

Tracer Gas:

:

Canister Pressure (inches Hg):		
Reported By Laboratory	**Measured Prior to Sample Collection**	**Measured Following Sample Collection**

Tracer Gas Concentration (if applicable):		
Measured in Purge Effluent	**Measured in 'Concentrated' Area Prior to Sample Collection**	**Measured in 'Concentrated' Area Following Sample Collection**

General Observations/Notes:

Approximating One-Well Volume (for purging):
When using 1¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.

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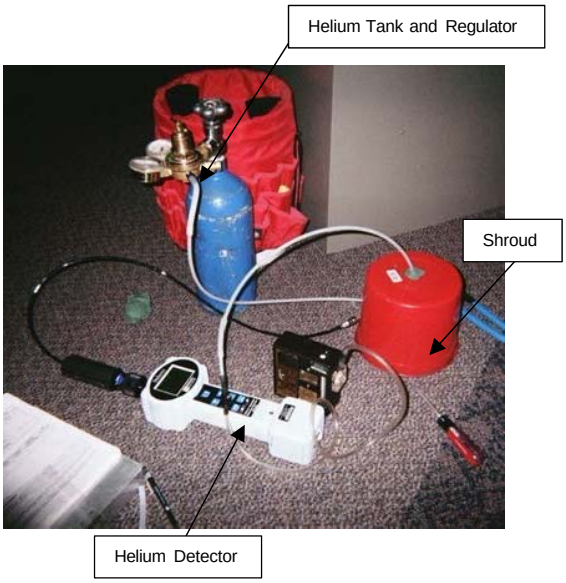
Attachment 3

SOP Best Practice: Helium Leak Testing for Sub-Slab or Soil-Gas Sampling

Best Practice: Helium Leak Testing for Sub-slab or Soil Gas Sampling



These methods are suggested for most sites. Based on client or state specific requirements you may need to use slightly different parts and procedures. Consult the TKI vapor intrusion group with any questions.

This one-page helium leak testing guide is intended for use in the field. Review the full SOP: Helium Leak Testing prior to field activities.

Goal: Test the integrity of a sub-slab soil gas or soil gas sample port prior to sampling using a helium tracer gas.

Materials

- One small bucket (1 to 2 gallon) with one hole in the top for the sample tubing as well as two holes in the side for the helium detector wand and line from helium tank.
- Laboratory grade helium (available from Pine Environmental in a 105L tank for approximately $150).
- Regulator for helium tank.
- Helium detector capable in measuring in percent (MGD-2002 or equilivant)
- VOC free modeling clay for sealing around tubing.

Leak Testing

- Turn on helium detector and allow to warm up and self-calibrate (3 to 5 minutes).
- If available, use speed control button on helium detector to select lowest speed.
- Remove any plugs placed into the concrete slab. Remove Swagelok plug from ssp.
- After attaching tubing to the sub-slab port (ssp), pass the tubing through the top of the bucket. All other connections (valve, T fitting, etc. can be assembled as usual).
- Verify the bucket is sitting flat on the slab material, if the surface is uneven consider adding VOC free modeling clay to make a better seal.
- Connect regulator to helium and find a low flow rate using your ear. A low flow of helium is optimal and the flow is right when a just audible hiss can be heard.
- Fill bucket to approximately 30% helium as measured by the helium detector. Maintain this level during sampling if possible.
- Purge sample port as usual into a Tedlar bag.
- Test purged air for the presence of helium. As long as leakage is less than 10% of shroud concentration sample installation is considered acceptable.
- Percent Leakage calculated as follows:

$$\%\ Leakage = \frac{Helium\ Concentration\ in\ Purged\ Air}{Helium\ Concentration\ in\ Shroud} * 100$$

- Proceed to sample collection.
- Upon completion of sample collection, test sample tubing for the presence of helium to verify no leaks occurred during sampling.

Attachment 4

SOP 1763199: Photoionization Detector Air Monitoring and Field Screening

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Photoionization Detector Air Monitoring and Field Screening

Rev. #: 1

Rev Date: November 8, 2009

Approval Signatures

Prepared by: (the late) Maureen Geisser Date: July 28, 2003

Reviewed/revised by: Christopher C. Lutes Date: November 8, 2009
(Technical Expert)

I. Scope and Application

Field screening with a photoionization detector (PID), such as an HNu™, Photovac™, MicroTIP™, or MiniRAE™, is a procedure to measure relative concentrations of volatile organic compounds (VOCs) and other compounds. Characteristics of the PID are presented in Attachment 1 and the compounds a PID can detect are presented in Attachment 2. Field screening will frequently be conducted on the following:

- Work area air to assess exposure to on-site workers of air contaminants via the air pathway;
- Well headspaces as a precautionary measure each time the well cover is opened; and
- Headspace of soil samples to assess the relative concentration of volatile organics in the sample or to select particular intervals for off-site analysis for VOCs.

II. Personnel Qualifications

Personnel performing this method should be familiar with the basic principles of quantiative analytical chemistry (such as calibration) and familiar with the particular operation of the instrument to be used.

III. Equipment List

The following materials, as required, shall be available while performing PID field screening:

- personal protective equipment (PPE), as required by the site Health and Safety Plan (HASP);
- PID and operating manual;
- PID extra battery pack and battery charger;
- calibration canisters for the PID;
- sample jars;
- Q-tips;

- aluminum foil;
- field calibration log (attached); and
- field notebook.

IV. Cautions

PIDs are sensitive to moisture and may not function under high humidity. PIDs cannot be used to indicate oxygen deficiency or combustible gases.

V. Health and Safety Considerations

Since the PIDs cannot detect all of the chemicals that may be present at a sample location, a zero reading on either instrument does not necessarily signify the absence of air contaminants. PIDs cannot be used as an indicator for oxygen deficiency.

VI. Procedure (*Note these procedures were written particular to one specific instrument model, therefore please also refer to your owners manual.Hhowever the general principles – such as always measuring both a zero and span gas after an instrument adjustment/at the beginning of the analytical day, after four hours of testing and again at the end of an analytical day can be applied to all instruments.)*

PID Calibration

PID field instruments will be calibrated and operated to yield "total organic vapor" in parts per million (ppm) (v/v) relative to benzene or isobutylene (or equivalent). Operation, maintenance, and calibration shall be performed in accordance with the manufacturer's instructions and entered on the PID calibration and maintenance log (Attachment 3).

1. Don PPE, as required by the HASP.

2. Perform a BATTERY CHECK. Turn the FUNCTION switch to the BATTERY CHECK position. Check that the indicator is within or beyond the green battery arc. If battery is low, the battery must be charged before calibration.

3. Allow the instrument to warm up, then calibrate the PID. If equipped, turn the FUNCTION switch to the STANDBY position and rotate the ZERO

POTENTIOMETER until the meter reads zero with the instrument sampling clean air. Wait 15 to 20 seconds to confirm the adjustment. If unstable, readjust. If equipped, check to see that the SPAN POTENTIOMETER is adjusted for the probe being used (e.g., 9.8 for 10.2 electron volts [eV]). Set the FUNCTION switch to the desired ppm range (0-20, 0-200, or 0-2,000). A violet glow from the ultraviolet (UV) source should be visible at the sample inlet of the probe/sensor unit.

4. Listen for the fan operation to verify fan function.

5. Connect one end of the sampling hose to the calibration canister regulator outlet and the other end to the sampling probe of the PID. Crack the regulator valve and take a reading after 5 to 10 seconds. Adjust the span potentiometer to produce the concentration listed on the span gas cylinder. Record appropriate information on a PID Calibration and Maintenance Log (Attachment 3, or equivalent).

6. If so equipped, set the alarm at desired level.

7. Recheck the zero with fresh/clean air

8. Always recheck both zero and span after making any instrment adjustment, after four hours of screenign work and again after sample analysis.

Work Area Air Monitoring

1. Measure and record the background PID reading.

2. Measure and record the breathing space reading.

Well Headspace Screening

1. Measure and record the background PID reading.

2. Unlock and open the well cover while standing upwind of the well.

3. Remove the well cap.

4. Place the PID probe approximately 6 inches above the top of the casing.

5. Record all PID readings and proceed in accordance with the HASP.

Field Screening Procedures

Soil samples will be field screened upon collection with the PID for a relative measure of the total volatile organic concentration. The following steps define the PID field screening procedures.

1. Half-fill two clean glass jars with the sample (if sufficient quantities of soil are available) to be analyzed. Quickly cover each open top with one or two sheets of clean aluminum foil and subsequently apply screw caps to tightly seal the jars. Sixteen-ounce (approximately 500 mL) soil or "mason" type jars are preferred; jars less than 8 ounces (approximately 250 mL) total capacity may not be used.

2. Allow headspace development for at least 10 minutes. Vigorously shake jars for 15 seconds at both the beginning and end of the headspace development period. Where ambient temperatures are below 32°F (0°C), headspace development should be within a heated building.

3. Subsequent to headspace development, remove screw lid to expose the foil seal. Quickly puncture foil seal with instrument sampling probe, to a point about one-half of the headspace depth. Exercise care to avoid contact with water droplets or soil particulates.

4. Following probe insertion through foil seal, record the highest meter response for each sample as the jar headspace concentration. Using the foil seal/probe insertion method, maximum response should occur between 2 and 5 seconds. Erratic meter response may occur at high organic vapor concentrations or conditions of elevated headspace moisture, in which case headspace data should be recorded and erratic meter response noted.

5. The headspace screening data from both jar samples should be recorded and compared; generally, replicate values should be consistent to plus or minus 20%. It should be noted that in some cases (e.g., 6-inch increment soil borings), sufficient sample quantities may not be available to perform duplicate screenings. One screening will be considered sufficient for this case.

6. PID field instruments will be operated and calibrated to yield "total organic vapors" in ppm (v/v) as benzene. PID instruments must be operated with at least a 10.0 eV (+) lamp source. Operation, maintenance, and calibration will be performed in accordance with the manufacturer's specifications presented in Attachment 12-1. For jar headspace analysis, instrument calibration will be checked/adjusted at least twice per day, at the beginning and end of each day

of use. Calibration will exceed twice per day if conditions and/or manufacturer's specifications dictate.

7. Instrumentation with digital (LED/LCD) displays may not be able to discern maximum headspace response unless equipped with a "maximum hold" feature or strip-chart recorder.

VII. Waste Management

Do not dispose canisters of compressed gas, if there is still compressed gas in the canister. Return the canister to the manufactuer for proper disposal.

VIII. Data Recording and Management

Measurements will be record in the field notebook or boring logs at the time of measurement with notation of date, time, location, depth (if applicable), and item monitored. If a data memory is available, readings will be downloaded from the unit upon access to a computer with software to retrieve the data.

IX. Quality Assurance

After each use, the readout unit should be wiped down with a clean cloth or paper towel.

For a HNu, the UV light source window and ionization chamber should be cleaned once a month in the following manner:

1. With the PID off, disconnect the sensor/probe from the unit.

2. Remove the exhaust screw, grasp the end cap in one hand and the probe shell in the other, and pull apart.

3. Loosen the screws on top of the end cap and separate the end cap and ion chamber from the lamp and lamp housing.

4. Tilt the lamp housing with one hand over the opening so that the lamp slides out into your hand.

5. Clean the lamp with lens paper and HNu cleaning compound (except 11.7 eV). For the 11.7 eV lamp, use a chlorinated organic solvent.

6. Clean the ion chamber using methanol on a Q-tip and then dry gently at 50ºC to 60ºC for 30 minutes.

7. Following cleaning, reassemble by first sliding the lamp back into the lamp housing. Place ion chamber on top of the housing, making sure the contacts are properly aligned.

8. Place the end cap on top of the ion chamber and replace the two screws (tighten the screws only enough to seal the o-ring).

9. Line up the pins on the base of the lamp housing with pins inside the probe shell and slide the housing assembly into the shell.

X. References

Denahan, S.A. et. all "Relationships Between Chemical Screening Methodologies for Petroleum Contaminated Soils: Theory and Pracice" *Chapter 5 In Principles and Practices for Petroleum Contaminated Soils,* E.J. Calabrese and P.T. Kostecki Eds., Lewis Publishers 1993.

Fitzgerald, J. "Onsite Analytical Screening of Gasoline Contaminated Media Using a Jar Headspace Procedure" Chapter 4 *in Principles and Practices for Petroleum Contaminated Soils,* E.J. Calabrese and P.T. Kostecki Eds., Lewis Publishers 1993.

ATTACHMENT 1

Characteristics of the Photoionization Detector (PID)

I. Introduction

PIDs are used in the field to detect a variety of compounds in air. PIDs can be used to detect leaks of volatile substances in drums and tanks, to determine the presence of volatile compounds in soil and water, and to make ambient air surveys. If personnel are thoroughly trained to operate the instrument and interpret the data, these PID instruments can be a valuable tool. Its use can help in deciding the level of protection to be worn, assist in determining the implementation of other safety procedures, and in determining subsequent monitoring or sampling locations.

Portable PIDs detect the concentration of organic gases, as well as a few inorganic gases. The basis for detection is the ionization of gaseous species. The incoming gas molecules are subjected to UV radiation, which ionizes molecules that have an ionization potential (IP) less than or equal to that rated for the UV source. Every molecule has a characteristic IP, which is the energy required to remove an electron from the molecule, thus yielding a positively charged ion and the free electron. These ions are attracted to an oppositely charged electrode, causing a current and an electric signal to the LED display. Compounds are measured on a ppm volume basis.

II. HNu PI-101 / MiniRAE or Equivalent PID

The PIDs detect the concentration of organic gases, as well as a few inorganic gases. The basis for detection is the ionization of gaseous species. The incoming gas molecules are subjected to UV radiation, which is energetic enough to ionize many gaseous compounds. Each molecule is transformed into charged ion pairs, creating a current between two electrodes. Every molecule has a characteristic IP, which is the energy required to remove an electron from the molecule, yielding a positively charged ion and the free electron.

Three probes, each containing a different UV light source, are available for use with the PID. Probe energies are typically 9.5, 10.2, and 11.7 eV, respectively. All three probes detect many aromatic and large-molecule hydrocarbons. In addition, the 10.2 eV and 11.7 eV probes detect some smaller organic molecules and some halogenated hydrocarbons. The 10.2 eV probe is the most useful for environmental response work, as it is more durable than the 11.7 eV probe and detects more compounds than the 9.5 eV probe. A listing of molecules and compounds that the HNu can detect is presented in Attachment 2.

The primary PID calibration gas is either benzene or isobutylene. The span potentiometer knob is turned to 9.8 for benzene calibration. A knob setting of zero increases the sensitivity to benzene approximately 10-fold. Its lower detection limit is in the low ppm range. Additionally, response time is rapid; the dot matrix liquid crystal displays 90% of the indicated concentration within 3 seconds.

III. Limitations

The PID instrument can monitor several vapors and gases in air. Many non-volatile liquids, toxic solids, particulates, and other toxic gases and vapors, however, cannot be detected with PIDs (such as methane). Since the PIDs cannot detect all of the chemicals that may be present at a sample location, a zero reading on either instrument does not necessarily signify the absence of air contaminants.

The PID instrument is generally not specific and their response to different compounds is relative to the calibration gases. Instrument readings may be higher or lower than the true concentration. This effect can be observed when monitoring total contaminant concentrations if several different compounds are being detected at once. In addition, the response of these instruments is not linear over the entire detection range. Therefore, care must be taken when interpreting the data. Concentrations should be reported in terms of the calibration gas and probe type.

PIDs are small, portable instruments and may not yield results as accurate as laboratory instruments. PIDs were originally designed for specific industrial applications. They are relatively easy to use and interpret when detecting total concentrations of known contaminants in air, but interpretation becomes more difficult when trying to identify the individual components of a mixture. PIDs cannot be used as an indicator for combustible gases or oxygen deficiency.

ATTACHMENT 2

Molecules and Compounds Detected by a PID

Some Atoms and Simple Molecules

	IP(eV)	IP(eV)
H	13.595 I_2	9.28
C	11.264 HF	15.77
N	14.54 HCl	12.74
O	13.614 HBr	11.62
Si	8.149 HI	10.38
S	10.357 SO_2	12.34
F	17.42 CO_2	13.79
Cl	13.01 COS	11.18
Br	11.84 CS_2	10.08
I	10.48 N_2O	12.90
H_2	15.426 NO_2	9.78
N_2	15.580 O_3	12.80
O_2	12.075 H_2O	12.59
CO	14.01 H_2S	10.46
CN	15.13 H_2Se	9.88
NO	9.25 H_2Te	9.14
CH	11.1 HCN	3.91
OH	13.18 C_2N_2	13.8
F_2	15.7 NH_3	10.15
Cl_2	11.48 CH_3	9.840
Br_2	10.55 CH_4	12.98

Paraffins and Cycloparaffins

Molecule	IP(eV)
methane	12.98
ethane	11.65
propane	11.07
n-butane	10.63
i-butane	10.57
n-pentane	10.35
i-pentane	10.32
2,2-dimethylpropane	10.35
n-hexane	10.18
2-methlypentane	10.12
3-methlypentane	10.08
2,2-dimethlybutane	10.06
2,3-dimethlybutane	10.02
n-heptane	10.08
2,2,4-trimethlypentane	9.86
cyclopropane	10.06
cyclopentane	10.53
cyclohexane	9.88
methlycyclohexane	9.8

Alkyl Halides

IP(eV)	IP(eV)
HCl	12.74
Cl_2	11.48
CH_4	12.98
methyl chloride	11.28
dichloroemethane	11.35
trichloromethane	11.42
tetrachloromethane	11.47
ethyl chloride	10.98
1,2-dichloroethane	11.12
1-chloropropane	10.82
2-chloropropane	10.78
1,2-dichloropropane	10.87
1,3-dichloropropane	10.85
1-chlorobutane	10.67
2-chlorobutane	10.65
1-chloro-2-methylpropane	10.66
2-chloro-2-methylpropane	10.61
HBr	11.62
Br_2	10.55
methyl bromide	10.53
dibromomethane	10.49
tribromomethane	10.51
CH_2BrCl	10.77
$CHBr_2Cl$	10.59
ethyl bromide	10.29
1,1-dibromoethane	10.19
1-bromo-2-chloroethane	10.63
1-bromopropane	10.18
2-bromopropane	10.075
1,3-dibromopropane	10.07
1-bromobutane	10.13
2-bromobutane	9.98
1-bromo-2-methylpropane	10.09
2-bromo-2-methylpropane	9.89
1-bromopentane	10.10
HI	10.38
I_2	9.28

Alkyl Halides

Molecule	IP(eV)
methyl iodide	9.54
diiodomethane	9.34
ethyl iodide	9.33
1-iodopropane	9.26
2-iodopropane	9.17
1-iodobutane	9.21
2-iodobutane	9.09
1-iodo-2-methylpropane	9.18
2-iodo-2-methylpropane	9.02
1-iodopentane	9.19
F_2	15.7
HF	15.77
$CFCl_3$ (Freon 11)	11.77
CF_2Cl_2 (Freon 12)	12.31
CF_3Cl (Freon 13)	12.91
$CHClF_2$ (Freon 22)	12.45
$CFBR_3$	10.67
CF_2Br_2	11.07
CH_3CF_2Cl (Genetron 101)	11.98
$CFCl_2CF_2Cl$	11.99
CF_3CCl_3 (Freon 113)	11.78
$CFHBrCH_2Cr$	10.75
CF_2BrCH_2Br	10.83
CF_3CH_2I	10.00
n-C_3F_7I	10.36
n-$C_3F_7CH_2Cl$	11.84
n-$C_3F_7CH_2I$	9.96

Aliphatic Alcohol, Ether, Thiol, and Sulfides

Molecule	IP(eV)
H_2O	12.59
methyl alcohol	10.85
ethyl alcohol	10.48
n-propyl alcohol	10.20
i-propyl alcohol	10.16
n-butyl alcohol	10.04
dimethyl ether	10.00
diethyl ether	9.53
n-propyl ether	9.27
i-propyl ether	9.20
H_2S	10.46
methanethiol	9.440
ethanethiol	9.285
1-propanethiol	9.195
1-butanethiol	9.14
dimethyl sulfide	8.685
ethyl methyl sulfide	8.55
diethyl sulfide	8.430
di-n-propyl sulfide	8.30

Aliphatic Aldehydes and Ketones

Molecule	IP(eV)
CO_2	13.79
formaldehyde	10.87
acetaldehyde	10.21
propionaldehyde	9.98
n-butyraldehyde	9.86
isobutyraldehyde	9.74
n-valeraldehyde	9.82
isovaleraldehyde	9.71
acrolein	10.10
crotonaldehyde	9.73
benzaldehyde	9.53
acetone	9.69
methyl ethyl ketone	9.53
methyl n-propyl ketone	9.39
methyl i-propyl ketone	9.32
diethyl ketone	9.32
methyl n-butyl ketone	9.34
methyl i-butyl ketone	9.30
3,3-dimethyl butanone	9.17
2-heptanone	9.33
cyclopentanone	9.26
cyclohexanone	9.14
2,3-butanedione	9.23
2,4-pentanedione	8.87

Aliphatic Acids and Esters

Molecule	IP(eV)
CO_2	13.79
formic acid	11.05
acetic acid	10.37
propionic acid	10.24
n-butyric acid	10.16
isobutyric acid	10.02
n-valeric acid	10.12
methyl formate	10.815
ethyl formate	10.61
n-propyl formate	10.54
n-butyl formate	10.50
isobutyl formate	10.46
methyl acetate	10.27
ethyl acetate	10.11
n-propyl acetate	10.04
isopropyl acetate	9.99
n-butyl acetate	10.01
isobutyl acetate	9.97
sec-butyl acetate	9.91
methyl propionate	10.15
ethyl propionate	10.00
methyl n-butyrate	10.07
methyl isobutyrate	9.98

Aliphatic Amines and Amides

Molecule	IP(eV)
NH_3	10.15
methyl amine	8.97
ethyl amine	8.86
n-propyl amine	8.78
i-propyl amine	8.72
n-butyl amine	8.71
i-butyl amine	8.70
s-butyl amine	8.70
t-butyl amine	8.64
dimethyl amine	8.24
diethyl amine	8.01
di-n-propyl amine	7.84
di-i-propyl amine	7.73
di-n-butyl amine	7.69
trimethyl amine	7.82
triethyl amine	7.50
tri-n-propyl amine	7.23
formamide	10.25
acetamide	9.77
N-methyl acetamide	8.90
N,N-dimethyl formamide	9.12
N,N-dimethyl acetamide	8.81
N,N-diethyl formamide	8.89
N,N-diethyl acetamide	8.60

Other Aliphatic Molecules with N Atom

Molecule	IP(eV)
nitromethane	11.08
nitroethane	10.88
1-nitropropane	10.81
2-nitropropane	10.71
HCN	13.91
acetonitrile	12.22
propionitrile	11.84
n-butyronitrile	11.67
acrylonitrile	10.91
3-butene-nitrile	10.39
ethyl nitrate	11.22
n-propyl nitrate	
methyl thiocyanate	10.065
ethyl thiocyanate	9.89
methyl isothiocyanate	9.25
ethyl isothiocyanate	9.14

Olefins, Cyclo-ofefins, Acetylenes

Molecule	IP(eV)
ethylene	10.515
propylene	9.73
1-butene	9.58
2-methylpropene	9.23
trans-2-butene	9.13
cis-2-butene	9.13
1-pentene	9.50
2-methyl-1-butene	9.12
3-methyl-1-butene	9.51
3-methyl-2-butene	8.67
1-hexene	9.46
1,3-butadiene	9.07
isoprene	8.845
cyclopentene	9.01
cyclohexene	8.945
4-methylcyclohexene	8.91
4-cinylcylohexene	8.93
cyclo-octatetraene	7.99
acetylene	11.41
propyne	10.36
1-butyne	10.18

Some Derivatives of Olefins

Molecule	IP(eV)
vinyl chloride	9.995
cis-dichloroethylene	9.65
trans-dichloroethylene	9.66
trichloroethylene	9.45
tetrachloroethylene	9.32
vinyl bromide	9.80
1,2-dibromoethylene	9.45
tribromoethylene	9.27
3-chloropropene	10.04
2,3-dichloropropene	9.82
1-bromopropene	9.30
3-bromopropene	9.7
$CF_3CCl=CClCF_3$	10.36
$n\text{-}C_5F_{11}CF=CF_2$	10.48
acrolein	10.10
crotonaldehyde	9.73
mesityl oxide	9.08
vinyl methyl ether	8.93
allyl alcohol	9.67
vinyl acetate	9.19

Aromatic Compounds

Molecule	IP(eV)
benzene	9.245
toluene	8.82
ethyl benzene	8.76
n-propyl benzene	8.72
i-propyl benzene	8.69
n-butyl benzene	8.69
s-butyl benzene	8.68
t-butyl benzene	8.68
o-xylene	8.56
m-xylene	8.56
p-xylene	8.445
mesitylene	8.40
durene	8.025
styrene	8.47
alpha-methyl styrene	8.35
ethynylbenzene	8.815
naphthalene	8.12
1-methylnapthalene	7.69
2-methylnapthalene	7.955
biphenyl	8.27
phenol	8.50
anisole	8.22
phenetole	8.13
benzaldehyde	9.53
acetophenone	9.27
benzenethiol	8.33
phenyl isocyanate	8.77

Aromatic Compounds

Molecule	IP(eV)
phenyl isothiocyanate	8.520
benzonitrile	9.705
nitrobenzene	9.92
aniline	7.70
fluoro-benzene	9.195
chloro-benzene	9.07
bromo-benzene	8.98
iodo-benzene	8.73
o-dichlorobenzene	9.07
m-dichlorobenzene	9.12
p-dichlorobenzene	8.94
1-chloro-2-fluorobenzene	9.155
1-chloro-3-fluorobenzene	9.21
1-chloro-4-fluorobenzene	8.99
o-fluorotoluene	8.915
m-fluorotoluene	8.915
p-fluorotoluene	8.785
o-chlorotoluene	8.83
m-chlorotoluene	8.83
p-chlorotoluene	8.70
o-bromotoluene	8.79
m-bromotoluene	8.81
p-bromotoluene	8.67
o-iodotoluene	8.62
m-iodotoluene	8.61
p-iodotoluene	8.50
benzotrifluoride	9.68
o-fluorophenol	8.66

Heterocyclic Molecules

Molecule	IP(eV)
furan	8.89
2-methyl furan	8.39
2-furaldehyde	9.21
tetrahydrofuran	9.54
dihydropyran	8.34
tetrahydropyran	9.26
thiophene	8.860
2-chlorothiophene	8.68
2-bromothiophene	8.63
pyrrole	8.20
pyridine	9.32
2-picoline	9.02
3-picoline	9.04
4-picoline	9.04
2,3-lutidine	8.85
2,4-lutidine	8.85
2,6-lutidine	8.85

Miscellaneous Molecules

Molecule	IP(eV)
ethylene oxide	10.565
propylene oxide	10.22
p-dioxane	9.13
dimethoxymethane	10.00
diethoxymethane	9.70
1,1-dimethoxyethane	9.65
propiolactone	9.70
methyl disulfide	8.46
ethyl disulfide	8.27
diethyl sulfite	9.68
thiolacetic acid	10.00
acetyl chloride	11.02
acetyl bromide	10.55
cyclo-$C_6H_{11}CF_3$	10.46
(n-C_3F_7)(CH_3)C=O	10.58
trichlorovinylsilane	10.79
$(C_2F_5)_3N$	11.7
isoprene	9.08
phosgene	11.77

Notes:

Reference: HNu Systems, Inc., 1985
IP = Ionization Potential

ATTACHMENT 3

PID CALIBRATION AND MAINTENANCE LOG

Instrument Model Number

Instrument Serial Number

Calibration Gas **ppm**

Date/Time	Initials	Battery Check	Calibration			
			Background Value	True Gas Value	Measured Gas Value	Adjust

COMMENTS: