DATA QUALITY OBJECTIVES GROUNDWATER MONITORING PROGRAM

Prepared for

CAMP STANLEY STORAGE ACTIVITY
BOERNE, TEXAS

Revised February 2016

GEOSCIENTIST CERTIFICATION

Data Quality Objectives – Groundwater Contamination

For

Department of the Army
Camp Stanley Storage Activity
Boerne, Texas

I, W. Scott Pearson, Professional Geologist (P.G.), hereby certify that the Data Quality Objectives for the Groundwater Monitoring Program for the Camp Stanley Storage Activity installation in Boerne, Texas accurately represents the site conditions of the subject area. This certification is limited only to geoscientific products contained in the subject report and is made on the basis of written and verbal information provided by the CSSA Environmental Office, laboratory data provided by APPL and/or DHL, and field data obtained during groundwater monitoring conducted at the site, and is true and accurate to the best of my knowledge and belief.

_____
W. Scott Pearson, P.G.
State of Texas
Geology License No. 2186

2/2/2016
_____
Date

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ACRONYMS AND ABBREVIATIONS

µg/L	Microgram Per Liter
1,1-DCE	1,1-Dichloroethene
AFCEE	Air Force Center for Engineering and the Environment
AOC	Area of Concern
APPL	Agriculture and Priority Pollutants Laboratories, Inc.
BS	Bexar Shale
CC	Cow Creek
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cis-1,2-DCE	*cis*-1,2-Dichloroethene
COC	Contaminants Of Concern
CSSA	Camp Stanley Storage Activity
DQO	Data Quality Objectives
GAC	Granular Activated Carbon
IDM	Investigation-Derived Media
ISCO	In-Situ Chemical Oxidation
LCS	Laboratory Control Sample
LGR	Lower Glen Rose
LTMO	Long Term Monitoring Optimization
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
PCE	Tetrachloroethene
PWS	Public Water Supply
QAPP	Quality Assurance Program Plan
QA/QC	Quality Assurance/Quality Control
RL	Reporting Limit
SDWA	Safe Drinking Water Act
SWMU	Solid Waste Management Unit
TCE	Trichloroethene
TDS	Total Dissolved Solids
TCEQ	Texas Commission on Environmental Quality
trans-1,2-DCE	*trans*-1,2-Dichloroethene
UGR	Upper Glen Rose
UIC	Underground Injection Control
USEPA	United States Environmental Protection Agency
VC	Vinyl Chloride
VOC	Volatile Organic Compound

Since volatile organic compounds (VOCs) were first reported in Camp Stanley Storage Activity (CSSA) groundwater in 1991, the U.S. Army has enacted a robust groundwater monitoring program to delineate two VOC plumes originating from CSSA. Numerous on-post wells and privately-held off-post wells have been incorporated into a VOC detection and delineation network that was routinely sampled on a quarterly basis.

In April 2002, data quality objectives (DQOs) for CSSA's groundwater monitoring program were formally developed using U.S. Environmental Protection Agency's (USEPA's) *Guidance for the Data Quality Objectives Process* (EPA/600/R-96/055). The DQO process is a planning tool for data collection activities. It provides a basis for balancing decision uncertainty with available resources. The April 2002 DQOs, and subsequent updates in 2003, 2006, 2009, and 2010, were approved by the USEPA and the Texas Commission on Environmental Quality (TCEQ).

For this report, the 2010 DQOs have been revised to incorporate recent changes to the groundwater program. These changes include: implementation of the updated 2015 Long-term Monitoring Optimization (LTMO) recommendations both on- and off-post (pending TCEQ and USEPA approval), and the addition of one drinking water well. Both on- and off-post wells will continue to be analyzed for the same short list of six volatile organic compounds (VOCs). In addition, on-post wells will also be monitored a total of four selected metals constituents. These sampling analytes are inclusive of the contaminants of concern (COCs) identified in the CSSA Baseline Risk Assessment (Parsons, 2014).

The format of these DQOs follows the seven-step process identified in the above-referenced USEPA guidance document. In summary, the DQOs updates include the following:

- Previously, there was no pathway for a well to be dropped from the sampling program beyond an "as needed" basis. A new off-post decision tree provides for a monitoring point to be dropped from the program if it is greater than 1.5 miles from the CSSA boundary, or has consecutive ND results over the last 5 years.
- On/off-post short-list VOCs were reduced from six compounds to four (dropping 1,1-DCE/*trans*-1,2-DCE and retaining PCE/TCE/VC/*cis*-1,2-DCE), in accordance with Baseline Risk Assessment COCs.
- Metals will no longer be sampled as part of the monitoring program with the exception of drinking water wells, and monitoring wells associated with the SWMU B-3 bioreactor and AOC-65 *in-situ* chemical oxidation (ISCO) remediation sites.
- Drinking water well analyses were reduced to the on-post short list of four VOCs (PCE/TCE/VC/*cis*-1,2-DCE), but will continue to be sampled for arsenic, barium, cadmium, chromium, copper, lead, mercury, and zinc.

INTRODUCTION

In April 2002, data quality objectives (DQOs) for Camp Stanley Storage Activity's (CSSA) groundwater monitoring program were formally developed using U.S. Environmental Protection Agency's (USEPA's) *Guidance for the Data Quality Objectives Process* (EPA/600/R-96/055). The DQO process is a planning tool for data collection activities. It provides a basis for balancing decision uncertainty with available resources. The April 2002 DQOs, and subsequent updates in 2003, 2006, 2009, and 2010, were approved by the USEPA and the Texas Commission on Environmental Quality (TCEQ). Approval letters are included in **Appendix A**.

The DQOs have been revised to incorporate recent changes to the groundwater program. These changes include: implementation of the updated 2015 Long-term Monitoring Optimization (LTMO) recommendations both on- and off-post (pending TCEQ and USEPA approval) and the addition of one drinking water well. Both on- and off-post wells will be analyzed for the short list of four volatile organic compounds (VOCs). In addition, on-and off-post wells will not be monitored for metals constituents with the exception of drinking water wells, and monitoring wells associated with the SWMU B-3 bioreactor and AOC-65 *in-situ* chemical oxidation (ISCO) remediation sites. These sampling analytes are inclusive of the contaminants of concern (COCs) identified in the CSSA **Baseline Risk Assessment** (Parsons, January 2014).

The format of these DQOs follows the seven-step process identified in the above-referenced USEPA guidance document.

STEP 1
STATE THE PROBLEM

Past operations resulted in VOC contamination of groundwater at CSSA. The majority of solid waste management units (SWMUs) and areas of concern (AOCs) have been remediated and closed. Groundwater at SWMUs B-3, O-1, and AOC-65 continues to be remediated. This DQO document is focused on CSSA's groundwater monitoring program, sampling and analyses, and other associated activities.

1.1 Background

CSSA has identified three VOC source areas as sites that have contaminated groundwater. They are SWMU B-3 and O-1, and AOC-65. There are two groundwater VOC plumes, known as Plume 1 and 2. Plume 1 is associated with SWMUs B-3 and O-1, and Plume 2's source is AOC-65. CSSA has identified VOCs at detectable levels in on- and off-post drinking water and monitoring wells. These levels are above and below the maximum contaminant levels (MCLs) for the VOCs of concern as discussed in Section 4. **Appendix B**, attached, presents a summary of historical detections presented by well for the short list of VOCs and metals through December 2014.

1.2 Planning Team

1.2.1 CSSA

CSSA Environmental Program Manager (Current)

1.2.2 Contractors

Ms. Julie Burdey, P.G., Project Manager, Parsons
Ms. Laura Arciniaga, P.G., Deputy Project Manager, Parsons
Ms. Tammy Chang, Project Chemist, Parsons
Mr. Ken Rice, Task Manager, Parsons
Mr. Scott Pearson, P.G., Task Manager, Parsons
Ms. Samantha Elliott, Task Manager, Parsons
Mr. Adrien Lindley, P.G., Task Manager, Parsons

1.2.3 Decision Makers

CSSA Environmental Program Manager (Current)
Mr. Jason D. Shirley, Installation Manager, CSSA
Mr. Greg Lyssy, U.S., USEPA, Region 6
Ms. Amanda Pirani, P.G., TCEQ, Corrective Action Section – Headquarters (Austin, TX)
Mr. Jorge Salazar, TCEQ, Federal Facilities Coordinator – Region 13 (San Antonio, TX)

STEP 2
IDENTIFY THE DECISIONS

Below are the current decisions being addressed in these DQOs. A detailed discussion of these current decision items is given in Step 3.

- Determine whether on- and neighboring off-post drinking water meets the VOC standards for safe drinking water as prescribed under USEPA and TCEQ rules.
- Determine if VOC concentrations in on-post and neighboring off-post drinking water wells exceed levels established in these project DQOs and the CSSA Off-Post Monitoring Response Plan and whether the VOC concentration requires an action by CSSA.
- Identify data gaps in groundwater monitoring program, including, but not limited to plume delineation, analytes, additional well locations, fracture flow/matrix flow/conduit flow determinations, and recharge study concepts.
- Continue to determine the effectiveness of the granular activated carbon (GAC) filtration units for the removal of VOCs from public and private off-post wells. Determine if additional GAC units are needed as specified in CSSA's **Off-Post Monitoring Response Plan** (Parsons, June 2002).
- Determine if the plume is expanding or shrinking for future remediation decisions.
- Determine if additional off-post drinking water wells need to be sampled, and if so, identify the most appropriate locations to monitor the status of the plumes.
- Select proper placement of future monitoring wells on- and off-post from historical results and statistical analyses.
- Determine whether groundwater sampling should be expanded or reduced for on- and off-post wells based on recent and historical data. The LTMO study has been updated in 2015 with five additional years of monitoring data to determine whether the sampling program should be expanded or reduced.
- Determine when modifications to the CSSA **Off-Post Monitoring Response Plan** (June 2002) are necessary and provide input to the USEPA and TCEQ.
- Determine if no further action is necessary (no additional groundwater monitoring or program activities).

STEP 3
IDENTIFY THE INPUTS TO THE DECISION

3.1 General CSSA Inputs

CSSA owns and operates three groundwater wells (CS-1, CS-10, and CS-12) as part of TCEQ public water system (PWS) 0150117. Sampling required by the TCEQ related to the operation of the CSSA PWS is not covered under these DQOs. TCEQ collects samples from the PWS drinking water wells at frequencies determined by TCEQ PWS regulations. TCEQ will also collect split samples from other monitoring well locations at their discretion. A fourth groundwater well (CS-13) has been drilled and will be added to CSSA's water supply system in late 2015 or early 2016.

Newly installed on-post wells will be sampled the first time for the cadmium, lead, nickel, arsenic, barium, calcium, chromium, copper, iron, magnesium, manganese, mercury, potassium, sodium, and zinc and the full list of VOCs. Bromide, chloride, fluoride, nitrate, nitrite, sulfate, alkalinity, total dissolved solids (TDS), pH, resistivity, and bicarbonate will also be collected from newly installed wells.

Analytes evaluated as COCs in the Baseline Risk Assessment (Parsons, January 2014) are being carried forward within the CSSA groundwater monitoring program. Those include the VOC short list analytes of *cis*-1,2-dichloroethene (*cis*-1,2-DCE), tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride (VC). Additional VOC and metals continue to be collected from performance monitoring wells associated with the remedial operations being conducted at SWMU B-3 and AOC-65. VOCs only will be sampled from off-post wells. Frequencies for sampling are discussed in Sections 3.2 to 3.5, below.

A newly installed monitoring well will initially be sampled for four consecutive quarterly events to provide data for temporal and spatial statistical evaluation in future LTMO studies. Likewise, off-post wells new to the monitoring program will be sampled for the VOC Short List for four quarterly events. After one year of sampling, a future LTMO evaluation will be performed to provide a recommended sampling frequency for the well.

An effort will be made to collect a simultaneous round of samples from each on-post well per the LTMO recommendations. This simultaneous event will provide a "snapshot" of groundwater concentrations and elevations across the installation. Ideally, this "snapshot" event will "rotate" through the quarters so that seasonal variations can be captured. However, drought periods will be avoided due to the number of wells/sampling intervals that go dry during droughts. Any proposed modifications for future sampling will be submitted to USEPA and TCEQ for concurrence. The proposed 2015 LTMO provides for an inclusive Plume 1 and 2 "snapshot" event to occur every 30 months at all on- and off-post wells. **Figure 1** illustrates all on- and off-post well locations included in this DQO evaluation.

3.2 Off-Post Monitoring Program

Public and private off-post drinking water wells with historical VOC detections will be sampled in accordance with these project DQOs, the **Off-Post Monitoring Response Plan**, and the 2015 LTMO Update pending approval by the TCEQ and USEPA (see **Appendix C.3**). Off-post groundwater sampling is conducted quarterly, in March, June, September, and December.

The list of wells to be included in each event is determined based on the decisions provided below.

Off-post drinking water wells will be analyzed for the VOC Short List (*cis*-1,2-DCE, PCE, TCE and VC), upon initial sampling. Metals will not be sampled in off-post wells because construction materials used for the off-post wells are not known. Since the program inception in 1995, metals detections above the appropriate action level or MCL have not been frequently detected in groundwater sampled from on-post monitoring, agricultural/livestock, and drinking water wells. Based on the infrequent and inconsistent on-post detections, metals have not been sampled in off-post monitoring activities.

Seven off-post wells (I10-4, LS-2, LS-6, LS-7, OFR-3, RFR-10, and RFR-11) have had historical sampling results exceeding the MCL for PCE and/or TCE and five of these wells (LS-6, LS-7, OFR-3, RFR-10, and RFR-11) have been equipped with GAC water treatment systems. A sixth GAC system is installed at LS-5 as a precautionary measure because of its proximity to wells LS-6 and LS-7 and the presence of TCE near the MCL. Pre-GAC samples will be collected quarterly to monitor the plume. Post-GAC samples will be collected semi-annually to confirm GAC filtration is operating properly. Previous analytical results and GAC water treatment systems installed on these wells are available in **Volume 5**, **Groundwater** of the **CSSA Environmental Encyclopedia,** behind the **Off-Post Groundwater Monitoring Reports** Table of Contents. The property at well I10-4 was developed for commercial use in 2013, and the well was plugged as part of that land development.

Private drinking water wells (LS-5, LS-6, LS-7, OFR-3, RFR-10, and RFR-11) with a GAC system or any future wells with GAC systems installed will require semi-annual maintenance. Post-GAC samples will be collected to confirm each system's effectiveness during the next scheduled quarterly sampling event after maintenance has occurred.

Action levels for detection of VOCs and decisions to sample an off-post private well are based on the following (see also **Figure 2**):

- If VOC contaminant levels are ≥ 90% of the MCL based on preliminary data received from the laboratory [≥ 4.5 micrograms per liter (µg/L) for PCE and TCE] and the well is used as a potable water source, bottled water will be supplied within 24 hours of receipt of the data, and a confirmation sample will be collected from the well. The re-sampling will take place within 14 days of the receipt of the final validated analytical report. If the follow-up sampling confirms a COC is above MCLs, the residence or supply well will be evaluated and an appropriate method for wellhead protection, either installation of GAC or connection to an alternative water source will be selected. Cost related to the installation and maintenance of wellhead treatment equipment or connection to an alternative water source will be borne by CSSA.
- If VOC contaminant levels are ≥ 80% of the MCL during any single monitoring event based on preliminary data from the laboratory (4.0 µg/L for PCE and TCE) and the well is used as a potable water source, it shall be monitored **monthly**. If the follow-up sampling confirms a COC is ≥ 80% of the MCL, it will be re-sampled until the level falls below the 80% value. If the concentration increases to ≥ 90% of the MCL see above.

- If any VOC COC is detected at levels ≥ the method detection limit (MDL) (historically around 0.06 ppb for PCE and 0.05 ppb for TCE), and less than 80% of the MCL the well will be re-sampled on a **quarterly** basis. This sampling will be conducted concurrently with on-post sampling events and will be used to develop historical trends in the area. Quarterly sampling will continue for a minimum of one year, after which the sampling frequency will be reviewed and possibly decreased.
- If any VOC COC is detected at levels ≤ the MDL (U-Flagged [non-detect] results) or ≤ than the RL (F-Flagged detections), the sampling frequency will depend on the well owner requests, distance from CSSA, and duration of consecutive results as follows:
    - If the sampling events were specifically requested by the well owner, the well is sampled quarterly until 4 consecutive quarters of non-detects (U-Flag) results are attained. Upon reaching that milestone, the well is moved to an annual sampling frequency.
    - For those off-post wells greater than 1.5 miles from CSSA and with a sample result less than the RL (either U-Flag or F-Flag detections), the well will be retained and sampled on an as needed basis. The basis of "as needed" may include owner requests, regulator requests, change in concentration or make-up of the plume requiring investigation, or in support of regional-scale plume mapping and modeling.
    - For those off-post wells less than 1.5 miles from CSSA and with a sample result less than the RL (either U-Flag or F-Flag detections), the well will be retained and sampled on an annual basis. Sampling will continue until 3 consecutive years of U-Flag (non-detect) results have been attained. At that time groundwater sampling will be suspended from annual sampling, but the well will be retained in the program for future needs.
- If VOCs are not detected during the initial sampling event, (i.e. no VOC contaminant levels above the MDL), further sampling of the well would be considered on an as needed basis (e.g., owner requests, regulator requests, change in concentration or make-up of the plume, or in support of regional-scale plume mapping and modeling). A well that has no detectable VOCs can be removed from the monitoring program, unless plume migration could influence the well. The well owner will be apprised of any re-sampling decisions regarding the non-detect wells.

Action levels for detection of VOCs and decisions to sample an off-post public well are based on the following (see also **Figure 2**):

- If an off-post public supply system is ≥ 90% of the MCL, CSSA will coordinate solutions to the maximum extent feasible. The system operator and CSSA will determine the best course of action for providing potable water when data suggests an exceedance of the MCL. Possible options include:
    - Potable water could be brought in by tanker truck.
    - Potable water could be provided by another water system.
    - A wellhead treatment system (i.e., GAC) can be installed by CSSA.

Expansion or reduction of the off-post drinking water wells to be sampled will be dependent on an evaluation of previous results. The original LTMO recommendations for on-post wells were implemented in December 2005. In November 2009 a public meeting was held, and information regarding the LTMO study and possible changes to the off-post sampling program were presented. In 2010 the LTMO study was updated with 5 additional years of groundwater monitoring data. The updated LTMO plan was implemented at both on- and off-post locations in 2011.

In 2015, the on- and off-post LTMO study was updated with another 5 years of groundwater monitoring data which demonstrated the long-term stability of the plumes, and further refined the sampling approach. This 2015 DQO update reflects those recommendations presented in the 2015 LTMO, and provides a mechanism by which monitoring locations may be suspended from the prescribed monitoring program based upon distance from CSSA and the demonstration of prolonged contaminant concentrations below either the RL (F-Flagged data) or the MDL (non-detect U-Flagged data). In **Figure 2**, these locations are denoted as "DQO Exclusion Wells." CSSA plans to implement the recommendations of the updated 2015 LTMO study, pending TCEQ and USEPA approval.

Off-post well owners will be notified by mail that their well is slated for removal from the sampling network. Each notification letter will include a graph or other visual representation of all past sampling results for the well. CSSA will maintain a list of well owner information, verified on a regular basis in conjunction with five-year reviews with the county appraisal district, for all off-post wells in the sampling program even if they are removed from the program in the future.

New off-post drinking water wells may be added to the program in the future. Locations of new wells to be sampled will be based on the inferred-flow direction of the off-post VOC plume derived from historical data. Concerns of area residential well owners or municipal water purveyors will be dealt with on a case-by-case basis. These decisions will be made based on the action levels given above. If a well owner outside of the 1.5-mile radius of CSSA requests a sample, that sampling, if done, would not be part of the DQO program. Additional information on the inclusion of off-post wells to the sampling program is available in **Volume 5, Groundwater**, of the **CSSA Environmental Encyclopedia**.

3.3 On-Post Monitoring Program

These DQOs establish revised frequencies for sampling of on-post wells. **Appendix C.1** is a summary presented in the 2010 LTMO illustrating the currently implemented sampling frequencies for on-post wells. As described above, the LTMO study has been updated in 2015, and CSSA plans to implement the recommendations of the updated study after receiving TCEQ and USEPA approval. Based on the 2015 LTMO, the revised sampling frequencies for the types of wells are discussed in Sections 3.3.1 and 3.3.2, below.

Prior to October 1999 all on-post wells have been tested for the complete list of VOCs or a selected short list of VOCs (8260B). The VOC Short List is revised in these DQOs to include *cis*-1,2-DCE, PCE, TCE, and VC. Methylene chloride, toluene, naphthalene, bromodichloromethane, bromoform, chloroform, dichlorodifluoromethane and dibromochloromethane were removed from this list in September 2006 based on statistical analysis of previous results provided from the 2005 LTMO study. The Baseline Risk

Assessment of 2014 supported the removal of 1,1-DCE and *trans*-1,2-DCE from the target list of VOC analytes.

Metals detections above the appropriate action level or MCL have not frequently occurred in groundwater sampled from on-post wells. Metals have been sampled in on-post monitoring, agricultural/livestock, and drinking water wells since 1995. The review of the occurrences of metals detections under previous project DQOs, statistical analyses as part of the 2005, 2010, and 2015 LTMO studies.

The recent statistical analysis by the 2015 LTMO shows that no metals have been consistently detected above MCLs, ALs, or SCLs. The most prevalent exceedance (17 out of 514 samples) has been for lead, but the concentration has shown a decreasing trend. The 3.3% exceedance rate for lead includes detections at three former agricultural wells, one Bexar Shale monitoring well, and two Lower Glen Rose wells; there has been no consistency of exceeding lead detections by location or over time. Cadmium has never exceeded the MCL in these wells, mercury only exceeded the MCL in one sample, and chromium only exceeded in three of 514 samples collected. Arsenic, barium, and zinc were previously dropped from the regional groundwater monitoring program due to the lack of detections above MCLs/SCL.

3.3.1 On-Post Drinking Water Well Sampling

Compliance sampling for metals required under the Safe Drinking Water Act (SDWA) for CSSA's drinking water wells (CS-1, CS-10, and CS-12) will be continued per TCEQ rules. Additionally, the same compliance sampling has been initiated for future supply well CS-13. Former supply well CS-9 was plugged in August 2015. Sampling required by the TCEQ related to the operation of the CSSA PWS is not covered under these DQOs.

However, as part of the CSSA environmental groundwater monitoring program, the drinking water wells are sampled quarterly for the VOC Short List and the current metals list of arsenic, barium, cadmium, chromium, copper, lead, mercury, and zinc. Wells CS-1, CS-10, and CS-12 historical detections have been below the RL or non-detect and the sampling will ensure that on-post drinking water will continue to meet drinking water standards in the future. If the sampling recommendations in 2015 LTMO Update are approved by the USEPA and TCEQ, those quarterly frequencies will continue to be implemented for all on-post drinking water well sampling.

3.3.2 On-Post Monitoring Wells

Upon regulatory approval, the existing on-post monitoring wells and open borehole agricultural wells will be sampled for the VOC Short List only, at the frequencies set out in the 2015 LTMO study (see **Appendices C.2 and C.3**). As proposed, the base monitoring period for most on-post wells will be 15 months. A select few of upgradient wells with no historical VOCs detections will be sampled on a 30-month schedule. A list of all existing on-post monitoring wells present at CSSA and the date and rationale for their installation, is included in **Appendix D**.

The wells associated with the Bioreactor remediation system will be sampled on a 9-month schedule. This includes the 7 extraction wells, 4 Westbay® equipped wells (WB05 through WB08), and 8 shallow UGR wells. The Westbay® equipped wells will be sampled for the VOC Short List at the frequencies recommended in the LTMO (see **Appendix C.2**). Specific

inorganic analyses (cations, anions, metals) and mircrobial samples will continue to be collected to monitor the progress of the remediation effort. Additional operational sampling as required by the TCEQ Underground Injection Control (UIC) permit will continue to be collected and reported on a quarterly basis.

Groundwater samples associated with the ISCO treatability study will continue to be sampled for VOCs, inorganics (cations, anions, metals), and other performance monitoring criteria as dictated by the collective planning team (Section 1.2).

If the sampling recommendations in 2015 LTMO Update are approved by the USEPA and TCEQ, those frequencies will be implemented for all on-post well sampling.

3.4 Water Levels

Water levels will be collected from all available wells at least quarterly. Water level gradient/potentiometric maps will be prepared separately for each formation of the Middle Trinity Aquifer.

Westbay® profiling will be conducted every 15 months at the 4 southern Westbay® wells WB01 through WB04. Westbay® wells WB05 through WB08 are part of the bioreactor at SWMU B-3, and will be profiled at a 9-month frequency.

3.5 New Monitoring Wells

No new monitoring wells are scheduled for installation at this time. If additional monitoring wells are installed, the following procedures have been outlined. No coring will be performed for future well installations. Geophysical and video surveying will be conducted for each borehole. Other well construction details will be set out in specific scope of work documents. For cost effectiveness, based on the data obtained during drilling of numerous wells at CSSA, geophysical logging is sufficient for identifying geologic strata.

Each newly installed monitoring well will be sampled at the first event for the full list of VOCs, metals (arsenic, cadmium, lead, mercury, barium, chromium, copper, and zinc) and selected groundwater quality parameters (bromide, chloride, fluoride, nitrate, nitrite, sulfate, alkalinity [SW9046], TDS, pH, resistivity, alkalinity, bicarbonate [E310.1]). Subsequent monitoring events will utilize the VOC Short List only. At least four consecutive quarterly sampling events will be conducted for a newly installed monitoring well. Future sampling frequencies will be scheduled depending upon the 2015 LTMO study recommendations for the well type and data need (see **Appendix C.2**).

Dataloggers and transducers will be installed at selected on-post monitoring wells. Additional transducers may be installed in future wells. Each datalogger continuously collects and stores information regarding static water level, water temperature, and/or conductivity.

Upon completion of well development, dedicated low-flow pumps will be purchased and installed in each new monitoring well. The pumps will be pneumatically-operated bladder pumps consistent with the monitoring system already existing at CSSA.

STEP 4
DEFINE THE BOUNDARIES OF THE STUDY

The study boundary is not limited to the confines of the installation. The outer limit of the study boundary is based on detections of VOCs in on- and off-post drinking water wells. Plume 1 and Plume 2 are currently used to define the area(s) impacted by past military activities. Our present study boundary is based on over 15 years of quarterly monitoring activities. Plume boundaries for the Lower Glen Rose (LGR) for the COCs PCE, TCE and *cis*-1,2-DCE are shown on **Figures 3** through **5**, as of June 2014. It is not anticipated that expansion of this boundary will be necessary, but if unexpected analytical results occur, expansion will be considered in consultation with the TCEQ and USEPA.

The areas of interest in the groundwater monitoring program are the Upper Glen Rose (UGR) formation (Upper Trinity aquifer) and the three formational members in the Middle Trinity aquifer (Lower Glen Rose [LGR], Bexar Shale [BS], and Cow Creek [CC]) via well data for VOC concentrations. At a minimum the following factors will be evaluated:

- Wet and dry seasonal variations;
- Rainfall impacts on plume or potential plume migration and groundwater recharge;
- Evaluation of remediation effectiveness;
- Fault and fracture location and size, and orientation that promote or retard plume migration; and
- CSSA will continue to monitor wells for the foreseeable future to make technically sound judgments to sample additional wells or exclude them from our sampling set.

Quarterly reports will summarize the findings of each monitoring event and an annual report will be prepared to describe trends and factors impacting the data. Additionally, this data will be reported in 5-year regulatory reviews under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process following the acceptance of the Decision Document. These reports will address groundwater elevations, contaminant concentrations, data gaps, and other pertinent information.

Constraints to the groundwater project include, but are not limited to:

- Frequency of monitoring.
- Securing access agreements with off-post well owners.
- Frequency of rainfall events.
- Plugging and abandonment of off-post wells by private landowners and commercial developments.

4.1 Project Schedule

The quarterly monitoring timeline shall provide a road map for sampling, analysis, validation, verification, reviews, and reports for monitoring events both on- and off-post. A

timeline is given in **Figure 6** for preparation of quarterly reports and planning of sampling events. Explanations for schedules associated with sampling events are given below.

4.1.1 Definitive Data Reports (Drinking Water and Monitoring Well)

Drinking water analytical data are to be provided by the laboratory to the prime contractor within 21 calendar days of the last sampling day. Un-validated on- and off-post drinking water analytical data generated by each approved laboratory will be provided in 21 calendar days and distributed to CSSA immediately thereafter. The laboratory will provide the finalized analytical data in 30 calendar days.

Off-post GAC preliminary data are to be provided to the prime contractor within seven days of receipt of the samples by the laboratory.

To the maximum extent practicable, data validation reports, draft quarterly on- and off-post groundwater monitoring reports, and letters to off-post well owners will be provided to CSSA, where applicable, 60 days from the sample date.

On- and off-post analytical groundwater (for up to 40 on-post and 40 off-post samples collected) data packages will be validated in accordance with the CSSA QAPP, 60 days from the sample date. If more than 40 samples are collected, Parsons will contact CSSA and discuss acceptable turn-around times for data validation. The Quarterly On- and Off-Post Groundwater Reports will also be submitted for CSSA review at this time.

CSSA will provide comments to the draft report and letters within 10 days.

Quarterly Groundwater Monitoring Reports and well owner notification letters will be finalized after CSSA approval within 80 days of sampling date.

Note: These time frames allow for adequate planning for the next quarterly sampling event, which will take place within 90 days from previous sampling date.

4.1.2 Screening Data Reports (Discrete interval, soil/rock, and IDM samples)

Preliminary results for discrete interval analytical data collected during well installations are to be provided by the laboratory to the prime contractor within 24 hours of receipt of the samples by the laboratory.

Prime contractor will review and provide approved preliminary discrete interval data to CSSA within two days of the receipt of the preliminary data from the laboratory.

Investigation derived media (IDM) analytical data are to be provided by the laboratory to the prime contractor within 24 hours, three days, or seven days of receipt of the samples by the laboratory, depending on the purpose of sampling. IDM will be sampled in accordance with the provisions of the **RFI and Interim Measures Waste Management Plan** (Parsons, 2002).

The prime contractor will review and provide approved IDM data to CSSA within 14 days of the receipt of the data package from the laboratory.

Prime contractor will review and provide approved GAC screening sample data to CSSA within 14 days of the receipt of the data package from the laboratory.

4.1.3 Westbay® Multi-Level Sampling Device Reports

Discrete interval analytical screening data are to be provided by the laboratory to the prime contractor within 21 days of receipt of the samples by the laboratory.

Prime contractor will review and provide approved discrete interval data to CSSA within 30 days of receipt of the preliminary data from the laboratory. The evaluation of screening data will include a check on sample integrity, method blank, and laboratory control sample (LCS).

Pressure/transducer data shall be collected from the Westbay® and In-Situ transducer devices and provided to CSSA in the annual report.

STEP 5
DEVELOP A DECISION RULE

Refer to Step 2 of these DQOs for decision processes related to the groundwater monitoring.

STEP 6
SPECIFY TOLERABLE LIMITS ON DECISION ERRORS

Currently, the CSSA Quality Assurance Project Plan (QAPP) is being utilized by CSSA. The CSSA QAPP (approved January 16, 2003) is applicable to task orders funded since that date. The QAPP specifies required reporting limits and control limits for all site interested parameters.

Specific variances to the QAPP have been approved by the USEPA and TCEQ and are located in the CSSA Environmental Encyclopedia, **Volume 1.4 Sampling and Analysis Plan, CSSA Quality Assurance Project Plan**. For the CSSA drinking water program, CSSA has developed very stringent rules to protect human health above and beyond the regulatory requirements. The groundwater monitoring presented in this DQO document is a long-term program to delineate the extent of each VOC plume. These DQOs do not require the use of matrix spike, matrix spike duplicates, or field duplicates. However, CSSA elects to include these quality assurance/quality control (QA/QC) parameters for all definitive data collected. Parsons has periodically audited the subcontract lab used for CSSA. The last audit was conducted in August 2007. The laboratory satisfactorily addressed all audit findings, and audit reports were completed and submitted to CSSA.

STEP 7
OPTIMIZE THE DESIGN FOR OBTAINING DATA

From the onset of the groundwater monitoring program in the 1990's, CSSA implemented a generic quarterly groundwater monitoring schedule for the sampling of all groundwater wells in the program. In 2005, CSSA initiated the first LTMO study, which implemented a three-tiered methodology, and included data compilation and site screening, qualitative evaluation decision logic, temporal trend evaluations, and spatial statistical analyses. The first LTMO report was submitted May 2005 for review by USEPA and TCEQ, and was approved for on-post implementation only in December 2005. The LTMO program was implemented at CSSA in 2006.

Subsequently, an updated version of the LTMO was submitted in November 2010 which included recommendations based on the collection of an additional 5 years of groundwater data. On February 16, 2011, Mr. Greg Lyssy of the USEPA approved implementing the 2010 LTMO recommendations. The TCEQ followed suit on March 21, 2011, concurring with the USEPA approval of the LTMO recommendations for both on- and off-post well sampling programs (**Appendix A**).

Currently, an updated 2015 LTMO for both on- and off-post well locations with five years of additional data has been submitted to the regulators for review and approval. The 2015 LTMO evaluation was performed using the 3TMO software protocol, which was developed by Parsons and Environ International Corp. on behalf of the Air Force Center for Engineering and the Environment (AFCEE) in 2011. 3TMO is a comprehensive, public domain LTMO decision support tool that uses a combination of statistics and professional judgment in a structured protocol to optimize sampling locations, sampling frequency, and target analytes for monitoring wells with no loss of required information. Results of the 3TMO analysis were used to assess the optimal frequency of monitoring and the spatial distribution of the components of the monitoring network, and were also used to develop recommendations for optimizing the monitoring program at CSSA.

Upon approval, the 2015 LTMO recommendations will be implemented. CSSA elected to perform the 2005, 2010, and 2015 LTMO studies because optimizations can assure proper remedial decisions are made and streamline future data collection over the life of a monitoring program. CSSA will continue to utilize LTMO reviews in the future to continue to optimize the design for obtaining data under these DQOs.

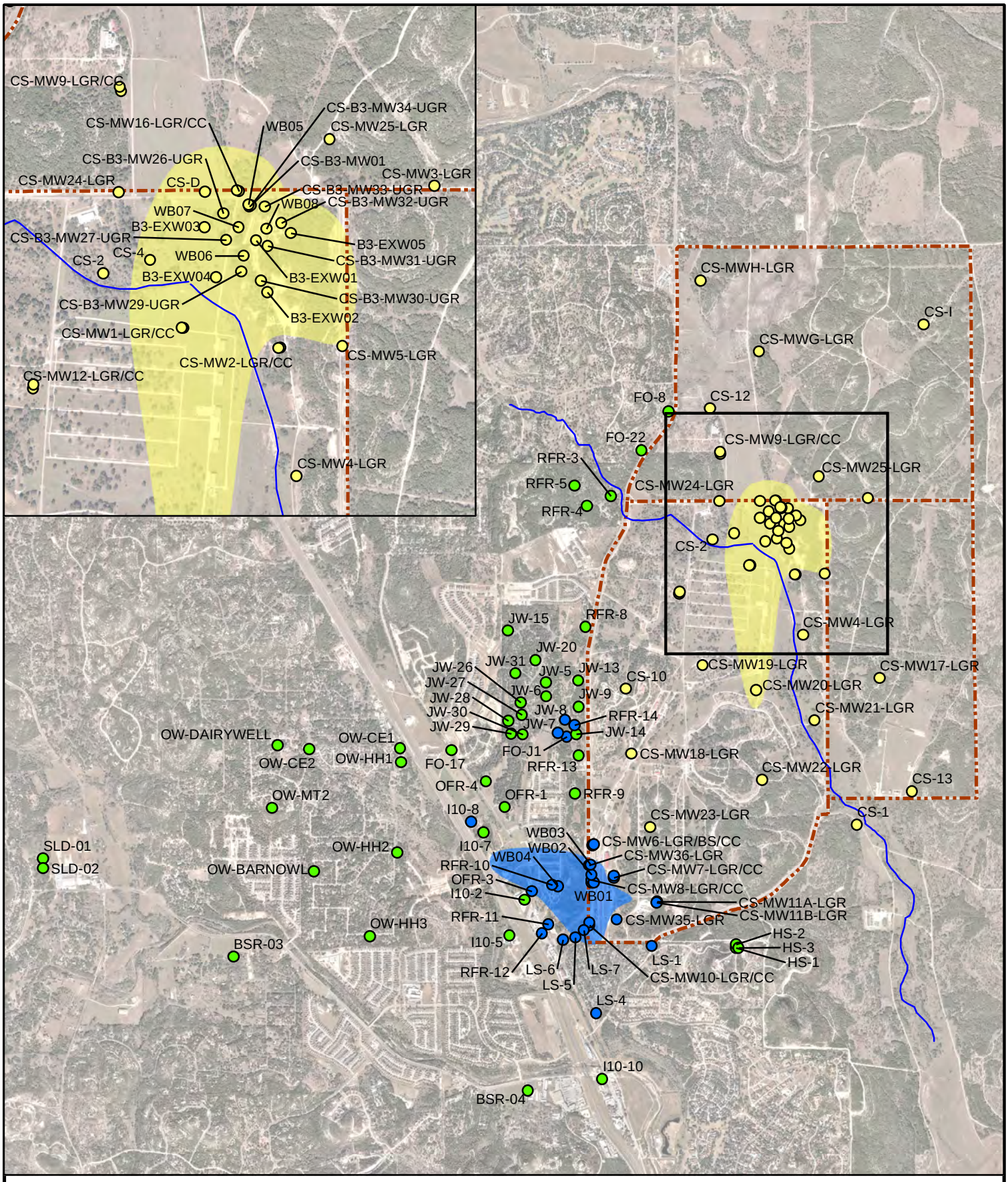
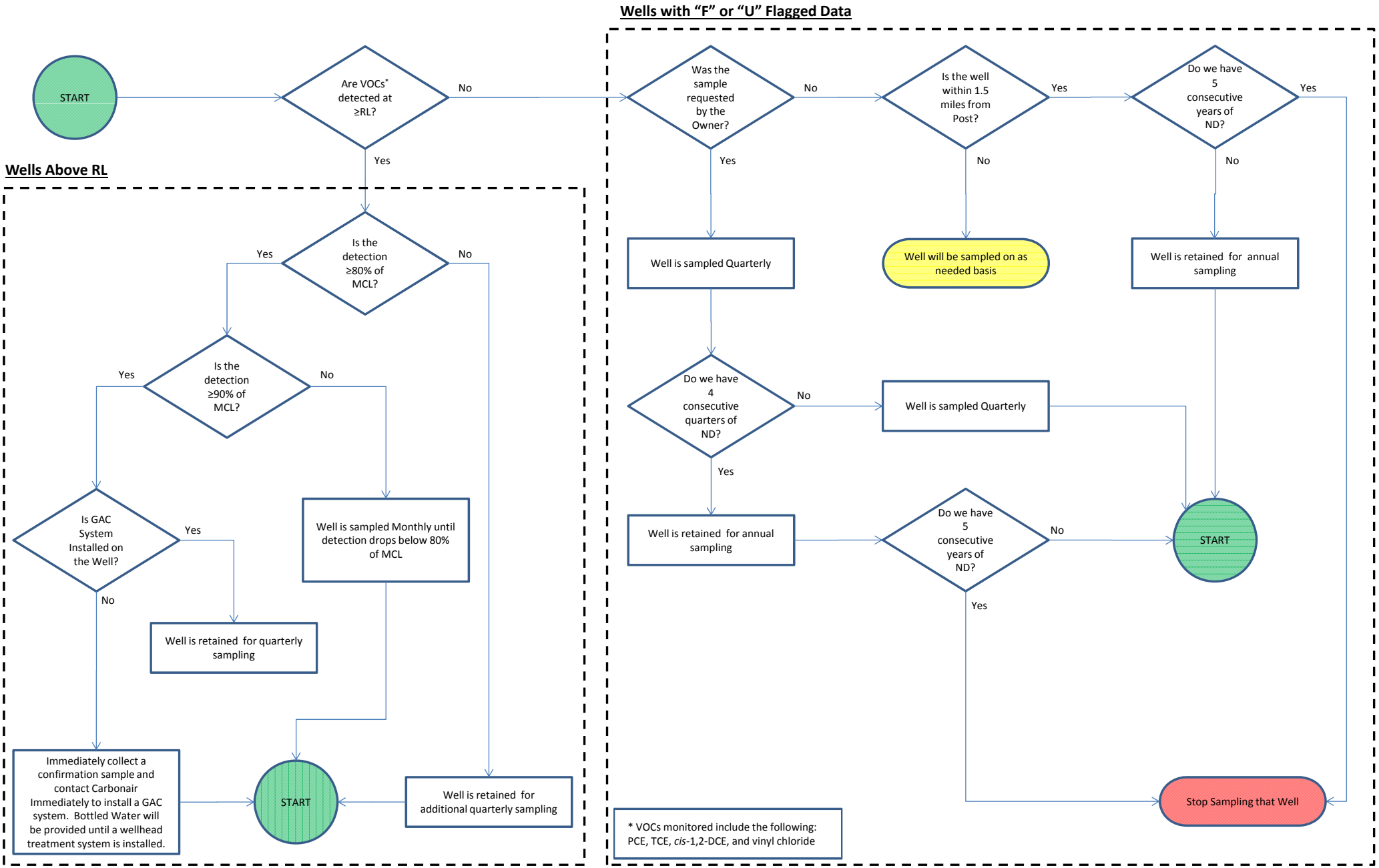


Figure 1

CSSA Monitoring Well Network
March 2015
Camp Stanley Storage Activity

PARSONS

FIGURE 2 - OFF-POST WELLS DECISION TREE



Wells with PCE detection above MCL
Wells with PCE detection above RL
Wells with PCE detection below RL
ND (< 0.06)
*Bioreactor Wells Sampled April /June 2014

Parcels
CSSA
Salado Creek
Faults

PCE Concentrations (µg/L)
1.4 (RL)
5.00 (MCL)
10.00
100.00

CS-MW16-LGR 70.97
WB05-LGR-04B 125
WB08-LGR-04 0.77F
WB07-LGR-04 210
B-3
B3-EXW03 140
B3-EXW05 31
B3-EXW04 119
B3-EXW01 117
CS-MW1-LGR 17.34
CS-MW5-LGR 0.77F
WB06-LGR-04 43
B3-EXW02 93
CS-MW19-LGR 0.68F
CS-MW17-LGR 0.27F
CS-MW20-LGR 1.52
JW-8 0.20F
RFR-14 0.14F
JW-7 0.34F
CS-MW36-LGR 9.56
OFR-1 0.22F
RFR-10 9.39
WB03-LGR-09 1.77
WB02-LGR-09 430.41
CS-MW7-LGR 0.83F
WB01-LGR-09 12.41
WB04-LGR-06 32.19
WB04-LGR-07 32.86
WB04-LGR-09 10.64
WB04-LGR-10 2.38
WB04-LGR-11 1.18F
AOC-65
CS-MW11A-LGR 0.92F
CS-MW8-LGR 3.26
CS-MW35-LGR 0.51F
LS-1 0.39F
RFR-11 0.69F
LS-6 0.91F
LS-7 2.1
LS-5 1.17F
LS-4 0.08F
CS-MW10-LGR 2.16

I-10
Old Fredericksburg Rd
Ralph Fair Rd
Salado Creek

N
W
E
S
0 1,500 3,000 4,500 6,000 Feet

Inset Map B-3 Bioreactor

CS-MW16-LGR 70.97
WB05-LGR-04B 125
B3-EXW03 140
B3-EXW05 31
WB07-LGR-04 210
WB08-LGR-04 0.77F
WB06-LGR-04 43
B3-EXW01 117
B3-EXW04 119
B3-EXW02 93

Inset Map AOC-65

CS-MW36-LGR 9.56
WB03-LGR-09 1.77
WB02-LGR-09 430.41
CS-MW7-LGR 0.83F
CS-MW8-LGR 3.26
WB04-LGR-06 32.19
WB04-LGR-07 32.86
WB04-LGR-09 10.64
WB04-LGR-10 2.38
WB04-LGR-11 1.18F
WB01-LGR-09 12.41
RFR-10 9.39

Figure 3

PCE Concentrations for LGR Wells, June 2014

PARSONS

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Wells with TCE detection above MCL
Wells with TCE detection above RL
Wells with TCE detection below RL
ND (< 0.06)
*Bioreactor Wells Sampled April /June 2014

Parcels
CSSA
Salado Creek
Faults

TCE Concentrations (µg/L)
1.0 (RL)
5.00 (MCL)
10.00
100.00

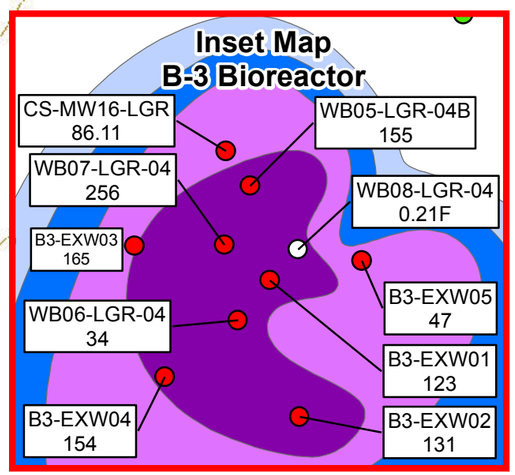
WB07-LGR-04 256
CS-MW16-LGR 86.11
WB05-LGR-04B 155
B3-EXW03 165
WB08-LGR-04 0.21F
B-3
B3-EXW05 47
WB06-LGR-04 34
B3-EXW01 123
CS-MW5-LGR 1.5
CS-MW1-LGR 32.51
B3-EXW04 154
B3-EXW02 131

CS-MW36-LGR 7.83
WB03-LGR-09 2.52
RFR-10 4.88
WB02-LGR-09 11.37
CS-1 0.37F
WB01-LGR-09 14.32
WB04-LGR-06 7.83
WB04-LGR-07 8.68
WB04-LGR-09 7.06
WB04-LGR-10 0.87F
WB04-LGR-11 0.05U
AOC-65
RFR-11 2.38
RFR-12 0.67F
LS-6 3.16
LS-5 3.29
LS-7 0.46F
CS-MW10-LGR 0.46F

Salado Creek
I-10
Old Fredericksburg Rd.
Ralph Fair Rd.

N
W
E
S
0 1,500 3,000 4,500 6,000 Feet

Inset Map B-3 Bioreactor



Inset Map AOC-65

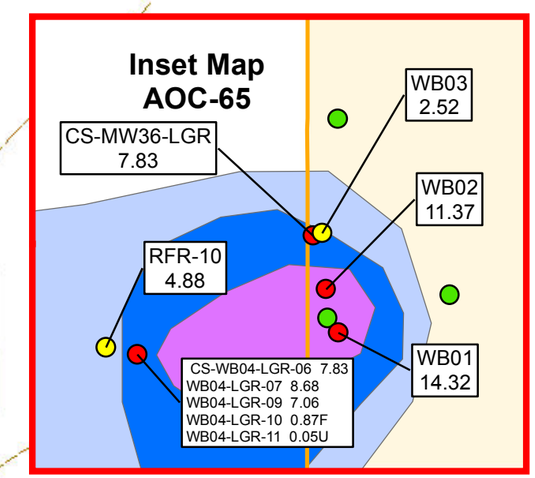


Figure 4

TCE Concentrations for LGR Wells, June 2014

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Wells with DCE detection above MCL
Wells with DCE detection above RL
Wells with DCE detection below RL
ND (< 0.06)
*Bioreactor Wells Sampled April /June 2014

Parcels
CSSA
Salado Creek
Faults

DCE Concentrations (µg/L)
1.2 (RL)
10.00 (MCL)
70.00
100.00

B3-EXW03 162
WB07-LGR-04 391
CS-MW16-LGR 76.51
WB05-LGR-04B 185
WB08-LGR-04 31
B3-EXW05 30
B3-EXW01 158
WB06-LGR-04 145
CS-MW5-LGR 1.79
B3-EXW02 125
CS-MW1-LGR 23.45
B3-EXW04 126
CS-MW2-LGR 0.51F
B-3
Salado Creek
I-10
Old Fredericksburg Rd
Ralph Fair Rd
WB03-LGR-09 4.03
WB02-LGR-09 0.28F
WB01-LGR-09 0.35F
AOC-65
WB04-LGR-06 2.58
WB04-LGR-07 2.63
WB04-LGR-09 0.07U
WB04-LGR-10 0.07U
WB04-LGR-11 0.07U

N
W
E
S
0 1,500 3,000 4,500 6,000 Feet

Inset Map B-3 Bioreactor

CS-MW16-LGR 76.51
WB05-LGR-04B 185
B3-EXW03 162
WB08-LGR-04 31
B3-EXW05 30
WB07-LGR-04 391
WB06-LGR-04 145
B3-EXW01 158
B3-EXW04 126
B3-EXW02 125

Inset Map AOC-65

WB04-LGR-06 2.58
WB04-LGR-07 2.63
WB04-LGR-09 0.07U
WB04-LGR-10 0.07U
WB04-LGR-11 0.07U
WB03-LGR-09 4.03
WB02-LGR-09 0.28F
WB01-LGR-09 0.35F

Figure 5

DCE Concentrations for LGR Wells, June 2014

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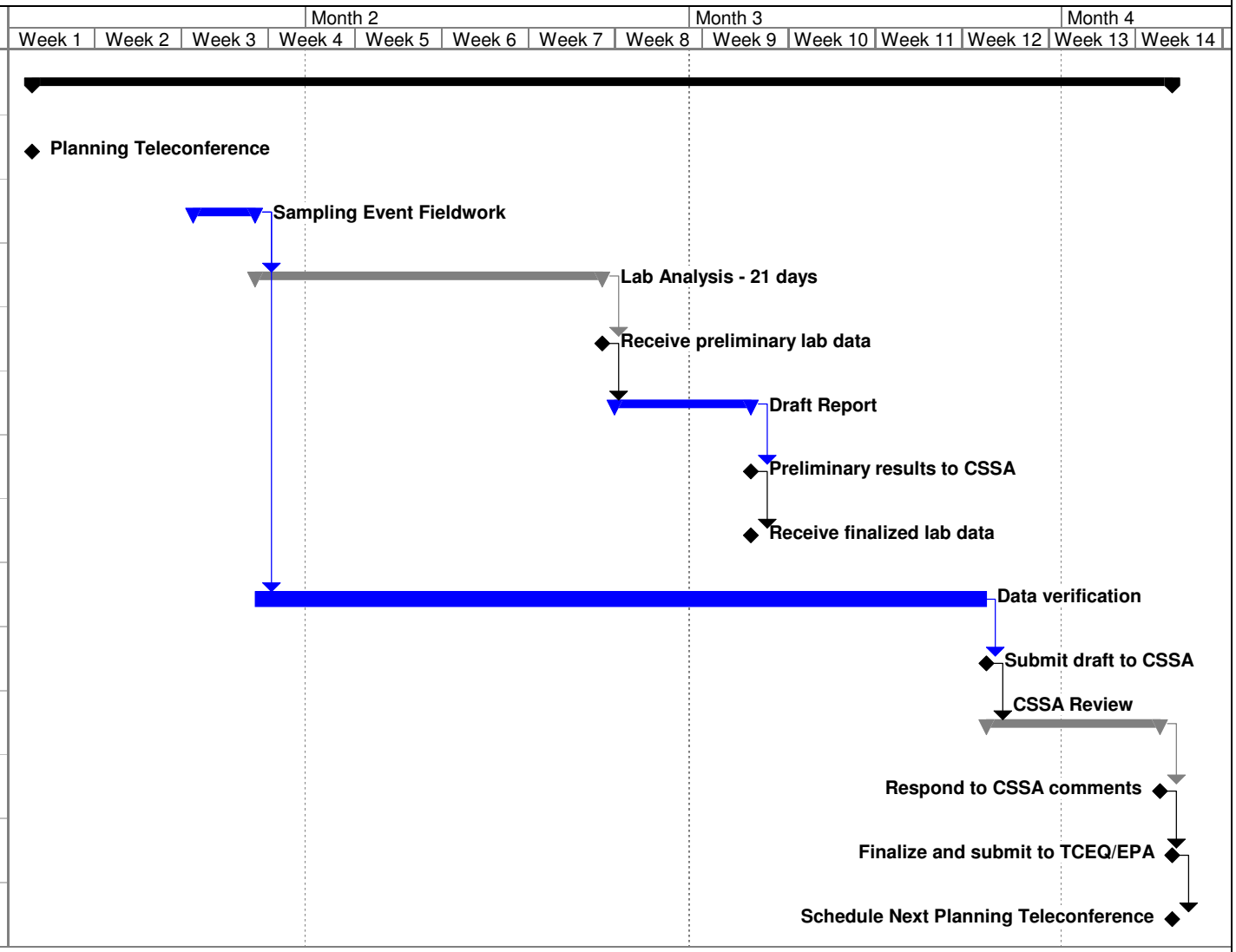
Figure 6 - Timeline for Groundwater Sampling

ID	Task Name
1	**Groundwater Sampling and Report Preparation**
2	Planning Teleconference
3	Sampling Event Fieldwork
4	Lab Analysis - 21 days
5	Receive preliminary lab data
6	Draft Report
7	Preliminary results to CSSA
8	Receive finalized lab data
9	Data verification
10	Submit draft to CSSA
11	CSSA Review
12	Respond to CSSA comments
13	Finalize and submit to TCEQ/EPA
14	Schedule Next Planning Teleconference



Project: CSSA Schedule

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

Appendix A Approval from USEPA and TCEQ for Previous DQOs and Implementation of LTMO Recommendations

April 21, 2014	USEPA approval of the January 2014 Baseline Risk Assessment
March 21, 2011	TCEQ concurrence of the USEPA approval of the November 2010 LTMO Evaluation and DQOs (On- and Off-Post)
February 16, 2011	USEPA approval of the November 2010 LTMO Evaluation and DQOs (On- and Off-Post)
October 30, 2008	Environmental Project Status Update
December 19, 2006	TCEQ's approval of August 2006 DQO update
December 19, 2005	TCEQ's conditional approval of LTMO Evaluation
November 16, 2005	USEPA approval of LTMO Evaluation, on-post only
April 20, 2004	TCEQ approval of November 2003 DQOs
August 26, 2002	Letter requesting approval or comment to the April 2002 DQOs

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Transmitted via e-mail

April 21, 2014

MEMORANDUM

FROM: *Greg J. Lyssy*
Senior Project Manager
Federal Facilities Section (6PD-F)

TO: Gabriel Moreno-Fergusson
Environmental Manager
CSSA

Kirk Coulter
Project Manager
TCEQ

RE: *Baseline Risk Assessment*
Camp Stanley Storage Activity, Boerne, Texas

The Baseline Risk Assessment, dated January 7, 2014, for Camp Stanley Storage Activity (CSSA) has been reviewed by the U.S. EPA in accordance with the final Resource Conservation and Recovery Act (RCRA) Section 3008(h) Administrative Order on Consent (Order) for the Camp Stanley Storage Activity (CSSA), Docket No. RCRA-VI 002(h)99-H FY99, dated May 5, 1999. Pursuant to the EPA review of the Baseline Risk Assessment, it is hereby approved.

If you have any questions, please feel to contact me at 214-665-8317 or via e-mail at *lyssy.gregory@epa.gov*.

Pearson, William Scott

From: Burdey, Julie
Sent: Monday, March 21, 2011 12:34 PM
To: Gabriel Moreno-Fergusson
Cc: Schoepflin, Shannon; Pearson, William Scott
Subject: FW: FW: LTMO and DQO approval letter

Please see email correspondence with Kirk below. He approves the LTMO recommendations, but I have asked him to send a formal letter.

-----Original Message-----
From: Burdey, Julie
Sent: Monday, March 21, 2011 8:19 AM
To: 'Kirk Coulter'
Subject: RE: FW: LTMO and DQO approval letter

Hi Kirk-

I guess we would feel better with a letter primarily because the last time we did the optimization which recommended reductions (over 5 years ago), Sonny wrote a letter saying it was ok to implement the reductions on-post, but not off-post.

Thanks much!!
Julie

-----Original Message-----
From: Kirk Coulter [mailto:Kirk.Coulter@tceq.texas.gov]
Sent: Monday, March 21, 2011 7:54 AM
To: Burdey, Julie
Subject: Re: FW: LTMO and DQO approval letter

Julie

I did look at it and did not have any questions with the report or Greg's letter. I did not send a letter because I know Greg is the primary authority; however, if you need s letter from me, I will send one. Let me know if this E-Mail will work as an approval or not

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
PERMITTING DIVISION
1445 Ross Avenue
Dallas, Texas 75202

Transmitted via e-mail

February 16, 2011

Camp Stanley Storage Activity
ATTN: Mr. Gabriel Moreno-Fergusson
25800 Ralph Fair Road
Boerne, Texas 78015-4800

Re: *Three-Tiered Long Term Monitoring Network Optimization Evaluation*
Data Quality Objectives for the Groundwater Monitoring Program
Camp Stanley Storage Activity

Dear Gabe:

The U.S. Environmental Protection Agency (EPA) has reviewed the *Three-Tiered Long Term Monitoring Network Optimization (LTMO) Evaluation* and the *Data Quality Objectives (DQOs) for the Groundwater Monitoring Program* for the Camp Stanley Storage Activity (CSSA). Pursuant to, and in accordance with, the final Resource Conservation and Recovery Act (RCRA) Section 3008(h) Administrative Order on Consent (Order) for CSSA, Docket No. RCRA-VI 002(h)99-H FY99, dated May 5, 1999, the EPA approves the LTMO evaluation recommendations and the DQOs. Upon TCEQ approval, the recommendations of the LTMO and DQOs may be implemented in the groundwater monitoring program.

If you have any questions, please feel free to contact me at (214) 665-8317 or via e-mail at *lyssy.gregory@epa.gov*.

Sincerely,

/s/ Greg J. Lyssy 2-16-2011

Greg J. Lyssy
Senior Project Manager
Federal Facilities Section

cc: Kirk Coulter, TCEQ, Austin
Jorge Salazar, TCEQ, San Antonio
Scott Pearson, Parsons
Julie Burdey, Parsons
Ken Rice, Parsons

PARSONS

8000 Centre Park Drive, Suite 200• Austin, Texas 78754• (512) 719-6000 • Fax: (512) 719-6099 • www.parsons.com

October 30, 2008

Subject: *Meeting Minutes: Environmental Project Status Meeting (10-July-08) – SWMU Investigations and Closures, Groundwater Overview, and Pilot Studies Update*
Camp Stanley Storage Activity, Boerne, Texas
Contract DACA87-02-D-0005, Delivery Order DY01

Dear Mr. Rayos:

Enclosed is a copy of the *Meeting Minutes: Environmental Project Status Meeting (10-July-08)* as referenced above. These minutes provide a summary of the main discussion items and main action items from the meeting.

If you have any questions or comments, please feel free to contact me at 512-719-6017.

Sincerely,

Lea Aurelius for

Julie Burdey
Project Manager

Attachments
cc:
Glaré Sanchez, CSSA
Chris Beal, CSSA
Brenda Shirley, CSSA
Greg Lyssy, USEPA
Jorge Salazar, TCEQ
Wayne Elliott, USACE
Bob Edwards, Noblis
Mike Chapa, Weston
Steve Mitchell, Weston
745953 Project File

Environmental Project Status Meeting

SWMU Investigations and Closures, Groundwater Overview, and Pilot Studies Update

Camp Stanley Storage Activity
Boerne, TX

Parsons, DACA87-02-D-0005, Delivery Order DY01
July 10, 2008

Date: Thursday, July 10, 2008

Time: 9:30 AM – 12:30 PM

Place: Camp Stanley Storage Activity, Boerne, Texas

Subject: SWMU Investigations and Closures, Groundwater Overview, and Pilot Studies Update

Attendees:

Glaré Sanchez	CSSA	321-662-3718
Chris Beal	Portage/CSSA	210-336-1171
Julie Burdey	Parsons	512-719-6062
Greg Lyssy	USEPA Region VI	214-665-8317
Sonny Rayos	TCEQ	512-239-2371
Jorge Salazar	TCEQ	210-403-4059
Bob Edwards	Noblis	210-408-5552
Ken Rice	Parsons	512-719-6050
Scott Pearson	Parsons	512-719-6087
Samantha Elliot	Parsons	210-347-6012
Lea Aurelius	Parsons	512-719-6017
Steve Mitchell	Weston	512-651-7104
Mike Chapa	Weston	210-248-2428

INTRODUCTION

The meeting was held at Camp Stanley Storage Activity. Attendees included representatives from CSSA, TCEQ, USEPA (Region VI), Noblis, Weston Solutions, Inc., and Parsons. The sign-in sheet is provided as **Attachment A**. A copy of the slide presentation was provided as a handout at the meeting and is included as **Attachment B**. A second handout with additional information was also provided at the meeting and is included as **Attachment C**.

These minutes are intended to provide a summary of the main discussion items and action items from the meeting.

SLIDE PRESENTATION

Slides 1-4. Introduction and closure status of SWMUs/AOCs. CSSA's goal is to close as many sites as possible with Release Investigation Reports (RIR).

Slides 5-10. AOC-73 overview. RIR distributed to CSSA and USACE for review; RIR submitted to TCEQ and USEPA following CSSA/USACE comments.

Slides 11-13. SWMU I-1 overview. RIR submitted to TCEQ and USEPA.

Slides 14-17. AOC-69 overview. Further removal actions planned, followed by RIR.

Slides 18-19. AOC-67/68 overview. TCEQ and USEPA agreed that an RIR could be submitted for AOC-67/68 following additional removal actions in the immediate area of the Wheelabrator, which can reasonably be achieved between the buildings and the roads. When operations at neighboring Building 90 are discontinued, closure of the wider area around this building will be addressed.

Slides 20-24. Overview of North Pasture sites (SWMUs B-2, B-8, B-20/21, and B-24). Further removal/remedial actions planned, followed by APAR.

Tier 2 calculations for the North Pasture sites will use the following data: (1) the average soil pH and soil type for the North Pasture; (2) the most conservative (shallowest) depth to groundwater in monitoring wells located in the North Pasture; and (3) the most conservative (maximum) thickness of affected soil from the four SWMUs in the North Pasture.

Mr. Rayos requested that Parsons provide TCEQ with (1) all of the data that will be used in the Tier 2 calculations, and (2) the calculated Tier 2 PCLs.

Slides 25-34. Weston's presentation regarding AOC-63, AOC-64, and SWMU B-71. For AOC-63, the draft APAR had been distributed to CSSA and Parsons for review (Weston requested comments by 18 July 08). For AOC-64 and SWMU B-71, further removal actions planned, followed by RIRs.

Slides 35-48. CSSA groundwater monitoring and long-term monitoring optimization (LTMO) was discussed, including on-post and off-post MWs with COC exceedances.

The schedule for the next public meeting for LTMO off-post was discussed; it was decided that the meeting should be planned for the Fall 2009.

Analytical parameters for groundwater monitoring were discussed. It was agreed that nickel could be dropped from the list of analytical parameters. Chromium and mercury will be added to the list of parameters. Lead has been detected in newly installed MWs (CS-MW22-LGR and CS-MW25-LGR) and will continue to be monitored.

TCE and PCE were detected at an off-post VOC monitoring well (I10-4) during the March 2007 sampling event. According to the landowner, the well was plugged following that sampling event. Concentrations of TCE/PCE were above their respective reporting limits (RLs), but below MCLs and Tier 1 residential drinking water PCLs.

Slides 49-58. The hydrogeologic conceptual site model was discussed. Contamination beyond Ralph Fair Road and possible locations of MWs beyond I-10 were discussed.

There is a need to either locate existing private well(s) or to install new MW(s) west of I-10 so that the western extent of the plume can be identified.

Slides 59-90. CSSA pilot studies (SWMU B-3 bioreactor and AOC-65 SVE) were discussed. The proposed monitoring schedules were discussed and agreed to (slides 84 and 90). Future investigation work for AOC-65 was discussed. Possible options discussed included tracer tests (soil gas or groundwater) and additional wells.

Concern was expressed about the potential for vapor intrusion in recently developed areas west of CSSA. USEPA indicated that there is a need to focus on ways to collect/evaluate data related to vapor intrusion, especially related to AOC-65 SVE.

The next meeting was proposed for early November 2008, to be held at the Parsons office, Austin, TX.

MEETING ADJOURNED

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 19, 2006

Camp Stanley Storage Activity
25800 Ralph Fair Road
Boerne, TX 78015-4800
Attention: LTC Jason D. Shirley, Commander

Re: Camp Stanley Storage Activity (CSSA), Boerne, TX;
TCEQ SWR No. 69026;
Final Data Quality Objectives (DQO) Groundwater Monitoring Program - Approval

Dear LTC Shirley:

The Texas Commission on Environmental Quality (TCEQ) has received the report entitled *Final Data Quality Objectives Groundwater Monitoring Program Revised August 2006.* The report recommends the removal of toluene, methylene chloride and naphthalene from the monitored groundwater Volatile Organic Compounds (VOCs) list. For metals analyses, groundwater samples will be limited to the analyses of cadmium, lead and nickel for on-post wells. The report also recommended that groundwater samples from off-post wells will be analyzed for the same VOCs constituents as the on-post wells.

The TCEQ has reviewed the report. The TCEQ does not have any comment regarding the report and its recommendations. The data quality objectives and procedures specified in the report appear to be adequate in addressing the investigation and characterization of the on-site and off-site groundwater contaminations.

Please call me at 512.239.2371 or email me at srayos@tceq.state.tx.us if you wish to discuss or if you have any questions concerning this letter.

Sincerely,

Sonny Rayos, P.G., Project Manager
Team 3, Environmental Cleanup Section II
Remediation Division

cc: Ms. Glare Sanchez, CSSA, 25800 Ralph Fair Road, Boerne, TX 78015-4800
Mr. Greg Lyssy, U.S. EPA Region 6, 1445 Ross Ave (6SF-LT), Dallas, TX 75202-2733
Ms. Julie Burdey, Parsons, 8000 Centre Park Drive, Suite 200, Austin, TX 78754
Waste Program Manager, TCEQ Region 13 Office, San Antonio, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 19, 2005

Camp Stanley Storage Activity
25800 Ralph Fair Road
Boerne, TX 78015-4800
Attention: Lieutenant Colonel Jason Shirley

Re: Three-Tiered Long Term Monitoring Network Optimization Evaluation - Approval with modification
Camp Stanley Storage Activity, Boerne, TX
TCEQ SWR No. 69026
EPA ID No. TX2210020739

Dear LTC Shirley:

The Texas Commission on Environmental Quality (TCEQ) has reviewed the report entitled *Final Three Tiered Long Term Monitoring Network Optimization Evaluation* received by the TCEQ on May 19, 2005. On November 8, 2005, the TCEQ approved your request to implement the Long Term Monitoring Optimization (LTMO) program; however, implementation of the LTMO was approved only for on-site monitor wells and only for the last calendar quarter 2005 groundwater monitoring. As further stated in the November 8, 2005 TCEQ letter, the approval may be modified upon completion of the review of the above-stated report.

The TCEQ Technical Support Section reviewed and provided comments regarding the above-stated report. The recommendations and conclusions of the TCEQ review are provided as an Enclosure to this letter. As stated in the InterOffice Memorandum, the four recommendations are acceptable. The TCEQ Technical Support Section has reservations concerning the fifth recommendation (i.e., reduced off-site monitoring) - this appears to be in agreement with the previous requirement of the TCEQ Environmental Cleanup Section letter dated November 8, 2005. Consequently, the TCEQ requires Camp Stanley to continue monitoring the off-site wells according to standard protocol currently in effect while implementing the four other recommendations. The TCEQ will monitor the LTMO groundwater sampling results at the southwest portion (area near the off-site contaminant release) of the facility; should a need to modify or invalidate the LTMO at this area arise, the TCEQ will inform you in a separate letter.

Please call me at 512.239.2371 or email me at srayos@tceq.state.tx.us if you wish to discuss or if you have questions concerning this letter.

Sincerely,

Sonny Rayos, P.G., Project Manager
Team III, Environmental Cleanup II
Remediation Division
Texas Commission on Environmental Quality

Enclosure: InterOffice Memorandum from Mr. Greg Tipple

cc: Ms. Glare Sanchez, Camp Stanley Storage Activity, 25800 Ralph Fair Road, Boerne, TX 78015-4800
Mr. Greg Lyssy, U.S. EPA Region 6, 1445 Ross Ave (6SF-LT), Dallas, TX 75202-2733
Ms. Julie Burdey, Parsons Engineering, 8000 Centre Park Drive, Suite 200, Austin, TX 78754
Waste Program Manager, TCEQ Region 13 Office, San Antonio, TX

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Sonny Rayos, Environmental Cleanup Section II, Team 3, Remediation Division **Date:** December 14, 2005

Thru: Chet Clarke, Section Manager, Technical Support Section, Remediation Division

From: GL 12-14-05 Greg Tipple, Technical Specialist, Technical Support Section, Remediation Division

Subject: Three-Tiered Long-Term Monitoring Network Optimization Evaluation, May 2005, Camp Stanley Storage Activity, Bexar County

As requested, I have reviewed the document titled *Three-Tiered Long Term Monitoring Network Optimization Evaluation* that is dated May 2005 and that pertains to Camp Stanley Storage Activity (CSSA). CSSA consists of 4,004 acres and is located approximately 19 miles northwest of downtown San Antonio in the general vicinity of Boerne, Texas. Primary activities at CSSA include the receipt, storage, and issuance of ordnance material as well as quality assurance testing and maintenance of military weapons and ammunition. While 39 solid waste management units (SWMUs) and 40 areas of concern (AOCs) have been identified at the facility, only SWMUs B-3 and O-1 and AOC-65 are considered as potential sources for elevated concentrations of tetrachloroethene, trichloroethene, dichloroethene, and other chemicals of concern within the Lower Glen Rose limestone member of the middle Trinity Aquifer. The reviewed document describes qualitative, temporal statistical, and spatial statistical evaluations that were performed in order to identify potential opportunities for streamlining while still maintaining an effective groundwater monitoring program at the CSSA facility.

This groundwater monitoring optimization study for the CSSA facility recommends the following:

1. that the sampling frequency for the 40 on-post monitoring wells be reduced from quarterly to a biennial, annual, and semi-annual schedule for 13, 11, and 16 on-post wells, respectively;

2. that the AOC-65 piezometers be removed from the monitoring program while the sampling frequency for the 2 AOC-65 monitoring wells be reduced from quarterly to after significant rainfall events;

3. that the sampling frequency for the 4 Westbay monitoring wells, with a total of 64 sampling points, be reduced from monthly and after significant rainfall events to semi-annual;

4. that 11 additional on-post monitoring wells be constructed to better determine groundwater levels and/or to further delineate groundwater PCLE zone boundaries; and

5. that the monitoring frequency for the 44 off-post monitoring wells be reduced from annual for 18 wells and quarterly for 26 wells to biennial for 20 wells, annual for 17 wells, and quarterly for 7 wells.

In my evaluation, the groundwater monitoring optimization report provides adequate documentation and rationale to support the first four recommendations stated above. However, I do have concern regarding the fifth recommendation. The document indicates that the distance to potential receptor exposure points and the groundwater seepage velocity are primary factors that should be considered when designing a groundwater monitoring network. The report indicates that the land use surrounding the CSSA facility is primarily residential or is used for ranching. In my view, the report does not adequately discuss how the proximity of potential receptors and the groundwater transport velocity were actually taken into account when designing the proposed revision to the sampling frequencies for the off-post monitoring wells. The TCEQ, of course, has a heightened concern to make sure that the groundwater monitoring program will adequately protect off-site receptors. Therefore, I recommend that you carefully consider whether the final recommendation listed above should be approved.

Vaughn, Kimberly

From: Burdey, Julie
Sent: Wednesday, November 16, 2005 12:48 PM
To: Vaughn, Kimberly
Subject: FW: Approval of the LTMO Changes On-Post

-----Original Message-----
From: Glare Sanchez [mailto:environmentaldept@campstanley.net]
Sent: Wednesday, November 16, 2005 11:55 AM
To: Lyssy.Gregory@epamail.epa.gov
Cc: Burdey, Julie
Subject: RE: Approval of the LTMO Changes On-Post

Thanks!!

-----Original Message-----
From: Lyssy.Gregory@epamail.epa.gov [mailto:Lyssy.Gregory@epamail.epa.gov]
Sent: Monday, November 14, 2005 12:59 PM
To: Glare Sanchez
Cc: Jeff Aston
Subject: Approval of the LTMO Changes On-Post

Hey Glare:

I received a voice-mail message from Julie at Parsons concerning the LTMO recommendations for the December sampling. I hereby approve the optimization recommendations for the on-post portion of the CSSA monitoring network, starting with the December sampling event.

Please feel free to call me with any questions.

Greg J. Lyssy
U.S. EPA
Senior Project Manager
New Mexico - Federal Facilities Section (6PD-F) Phone - 214.665.8317 Cell Phone - 214.543.4415 Fax - 214.665.7263 lyssy.gregory@epa.gov

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 20, 2004

LTC Jason D. Shirley, Commander
Camp Stanley Storage Activity
25800 Ralph Fair Road
Boerne, TX 78015-4800

Re: Camp Stanley Storage Activity (CSSA), Boerne, TX;
TCEQ SWR No. 69026;
Data Quality Objectives Groundwater Contamination Investigation - Approval

Dear Mr. Shirley:

The Texas Commission on Environmental Quality (TCEQ) has received the report entitled *Data Quality Objectives Groundwater Contamination Investigation - Revised November 2003*. The TCEQ has reviewed the report. The TCEQ does not have any comment regarding the report. The data quality objectives specified in the report appears to be adequate in addressing the investigation and characterization of the on-site and off-site groundwater contamination.

Please call me at 512.239.2371 or email me at srayos@tceq.state.tx.us if you wish to discuss or if you have any questions concerning this letter.

Sincerely,

Sonny Rayos, P.G., Project Manager
Team I, Corrective Action Section
Remediation Division
Texas Commission on Environmental Quality

cc: Mr. Brian Murphy, Camp Stanley Storage Activity, 25800 Ralph Fair Road, Boerne, TX 78015-4800
Mr. Greg Lyssy, U.S. EPA Region 6, 1445 Ross Ave (6SF-LT), Dallas, TX 75202-2733
Ms. Julie Burdey, Parsons Engineering, 8000 Centre Park Drive, Suite 200, Austin, TX 78754
Waste Program Manager, TCEQ Region 13 Office, San Antonio, TX

PARSONS

8000 Centre Park Drive, Suite 200 • Austin, Texas 78754 • (512) 719-6000 • Fax: (512) 719-6099 • www.parsons.com

August 26, 2002

Via facsimile

Mr. Greg J. Lyssy
U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue
Dallas, TX 75202-2733

Subject: Camp Stanley Storage Activity (CSSA) Groundwater Monitoring Program
TNRCC Number: Solid Waste Registration Number 69026
EPA Identification Number: TXD2210020739

Dear Mr. Lyssy:

This letter concerns the CSSA Data Quality Objectives (DQOs) for the Groundwater Contamination Investigation submitted April 22, 2002. The DQOs were also submitted to Mr. Kirk Coulter of the Texas Natural Resource Conservation Commission (TNRCC) requesting his review and comments. At this time, CSSA has not received suggestions or revisions to the proposed DQOs.

CSSA is currently planning the September 9, 2002, quarterly groundwater monitoring event for both on- and off-post drinking water and monitoring wells. CSSA proposes to reduce the frequency of sampling of groundwater for metals, as set out in the DQOs. Cumulative analysis for metals in groundwater since 1995 indicate exceedance of the maximum contaminant level (MCL) / action level (AL) for lead, cadmium and nickel only. Results during the last two years of quarterly groundwater monitoring indicate exceedance of the MCL for lead only, occurring in agricultural/livestock wells. Therefore, beginning in September 2002, on-post monitoring wells sampling for metals will be conducted annually. On-post drinking water supply wells will continue to be sampled for metals on a quarterly basis.

Additionally, CSSA requests confirmation of the list of VOCs to be sampled in the future for off-post drinking water wells. Quarterly off-post groundwater monitoring conducted since September 2001 included full list VOCs analyzed under SW 846 Method 8260B. In accordance with the proposed DQOs, CSSA proposes reducing the analyte list for off-post monitoring to the following short list:

1,2-dichloroethane
Acetone
Bromodichloromethane
Bromoform

Chloroform
cis-1,2-Dichloroethene
Dibromochloromethane
Dichlorodifluoromethane
Naphthalene
Tetrachloroethene
Toluene
trans-1,2-Dichloroethene
Trichloroethene
Vinyl chloride

CSSA prepared the proposed short list of analytes following review of cumulative historical detections of VOCs from off-post groundwater monitoring conducted since 1999. All analytes with detections over the last year of monitoring, even though detections were below MCLs, are included in the proposed short list.

If you have any questions or comments regarding CSSA's plan for metals analysis, a reduced list of analytes, or on the previously submitted DQOs, please call me at (512) 719-6051 or Mr. Brian Murphy, CSSA, at (210) 698-5208.

Sincerely,

Karuna Mirchandani
Deputy Task Manager

xc: Kirk Coulter, TNRCC Remediation Division *Via telefacsimile or hand delivery*
Teri DuPriest, AFCEE
Brian Murphy, CSSA
Susan Roberts, Parsons
Tammy Chang, Parsons

Appendix B Summary of Historical Detections by Well, 1999 through December 2014

Appendix B
Summary of Historical Detections by Well
September 2001 through December 2014
Camp Stanley Storage Activity, Texas

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-MW1									
	Dichloroethene, 1,1-	SW8260B	1.2					0/6	7
	Bromodichloromethane	SW8260B	0.8					0/8	80 [5]
	Bromoform	SW8260B	1.2					0/8	80 [5]
	Chloroform	SW8260B	0.3					0/8	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/03/2002	2.1	12/02/2004	0.39 F	7/1	70
	Dibromochloromethane	SW8260B	0.5					0/8	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/8	-- [6]
	Methylene chloride	SW8260B	2.0					0/8	5
	Naphthalene	SW8260B	1.0					0/8	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/03/2002	**27**	12/02/2004	**6.1**	8/0	5
	Toluene	SW8260B	1.1					0/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0	07/03/2002	**22**	01/20/2004	**8.4**	8/0	5
	Vinyl chloride	SW8260B	1.1					0/8	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-MW2A									
	Dichloroethene, 1,1-	SW8260B	1.2					0/6	7
	Bromodichloromethane	SW8260B	0.8					0/7	80 [5]
	Bromoform	SW8260B	1.2					0/7	80 [5]
	Chloroform	SW8260B	0.3					0/7	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/06/2004	52	07/03/2002	2.5	11/0	70
	Dibromochloromethane	SW8260B	0.5					0/7	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/7	-- [6]
	Methylene chloride	SW8260B	2.0					0/7	5
	Naphthalene	SW8260B	1.0					0/7	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/02/2004	**3500**	11/17/2004	**560**	11/0	5
	Toluene	SW8260B	1.1					0/11	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/06/2004	1.3	11/01/2004	0.33 F	8/3	100
	Trichloroethene	SW8260B	1.0	04/06/2004	**56**	11/17/2004	**7.1**	11/0	5
	Vinyl chloride	SW8260B	1.1					0/7	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-PZ01-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/27	7
	Bromodichloromethane	SW8260B	0.8					0/16	80 [5]
	Bromoform	SW8260B	1.2					0/16	80 [5]
	Chloroform	SW8260B	0.3					0/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	06/05/2003	0.46 F	04/06/2004	0.24 F	13/15	70
	Dibromochloromethane	SW8260B	0.5					0/16	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/16	-- [6]
	Methylene chloride	SW8260B	2.0					0/16	5
	Naphthalene	SW8260B	1.0					0/16	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/19/2002	**42**	06/19/2013	4.4	28/0	5
	Toluene	SW8260B	1.1					0/16	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/28	100
	Trichloroethene	SW8260B	1.0	06/16/2003	**14**	06/19/2013	2.4	28/0	5
	Vinyl chloride	SW8260B	1.1					0/28	2
	Arsenic	SW6010B	30	11/18/2014	1.8 F	08/06/2014	0.30 F	6/4	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	36	04/16/2013	36	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	2.2 F	11/18/2013	2.2 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	05/14/2014	3.3 F	02/10/2014	1.1 F	8/2	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	11/18/2013	6.0 F	11/18/2014	4.0 F	3/7	1300
	Copper-Dissolved	SW6010B	10	07/20/2012	4.4 F	07/20/2012	4.4 F	1/0	1300
	Mercury	SW7470A	1.0	02/10/2014	0.20 F	02/10/2014	0.20 F	1/9	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	11/18/2013	2.0 F	11/18/2013	2.0 F	1/9	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	11/18/2013	78	06/19/2013	14 F	9/1	5000
	Zinc-Dissolved	SW6010B	50	07/20/2012	12 F	07/20/2012	12 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-PZ02-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/24	7
	Bromodichloromethane	SW8260B	0.8					0/14	80 [5]
	Bromoform	SW8260B	1.2					0/14	80 [5]
	Chloroform	SW8260B	0.3					0/14	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	06/11/2003	0.43 F	07/19/2002	0.22 F	2/22	70
	Dibromochloromethane	SW8260B	0.5					0/14	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/14	-- [6]
	Methylene chloride	SW8260B	2.0					0/14	5
	Naphthalene	SW8260B	1.0					0/14	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/11/2003	**30**	05/14/2014	0.87 F	24/0	5
	Toluene	SW8260B	1.1					0/14	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/24	100
	Trichloroethene	SW8260B	1.0	06/11/2003	**13**	05/14/2014	0.21 F	24/0	5
	Vinyl chloride	SW8260B	1.1					0/24	2
	Arsenic	SW6010B	30	05/14/2014	**11** F	04/16/2013	0.40 F	6/3	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	73	04/16/2013	73	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	**16**	11/18/2013	**16**	1/8	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	11/18/2014	**340**	04/16/2013	30	8/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	05/14/2014	17	11/18/2014	8.0 F	5/4	1300
	Copper-Dissolved	SW6010B	10	07/20/2012	3.2 F	07/20/2012	3.2 F	1/0	1300
	Mercury	SW7470A	1.0	11/18/2014	0.70 F	02/10/2014	0.20 F	3/6	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	05/14/2014	21	04/16/2013	1.2 F	6/3	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25	05/14/2014	4.1 F	05/14/2014	4.1 F	1/8	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	05/14/2014	45 F	11/18/2013	10 F	5/4	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-PZ03-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/19	7
	Bromodichloromethane	SW8260B	0.8					0/16	80 [5]
	Bromoform	SW8260B	1.2					0/16	80 [5]
	Chloroform	SW8260B	0.3					0/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/20	70
	Dibromochloromethane	SW8260B	0.5					0/16	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/16	-- [6]
	Methylene chloride	SW8260B	2.0					0/16	5
	Naphthalene	SW8260B	1.0					0/16	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/20/2004	**5.5**	04/16/2013	0.79 F	20/0	5
	Toluene	SW8260B	1.1					0/16	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/20	100
	Trichloroethene	SW8260B	1.0	06/06/2003	**5.8**	04/16/2013	1.0	20/0	5
	Vinyl chloride	SW8260B	1.1					0/20	2
	Arsenic	SW6010B	30	04/16/2013	1.4 F	04/16/2013	1.4 F	1/1	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	120	04/16/2013	120	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10					0/2	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	04/16/2013	4.0 F	04/16/2013	4.0 F	1/1	1300
	Copper-Dissolved	SW6010B	10	07/20/2012	5.6 B	07/20/2012	5.6 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10	07/20/2012	9.9	07/20/2012	9.9	1/0	-- [6]
	Lead	SW6010B	25	04/16/2013	7.5	04/16/2013	7.5	1/1	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/16/2013	120	04/16/2013	120	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/20/2012	22 F	07/20/2012	22 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-PZ04-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/17	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0					0/13	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/07/2003	4.3	07/20/2012	0.67 F	17/0	5
	Toluene	SW8260B	1.1					0/13	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/17	100
	Trichloroethene	SW8260B	1.0	01/09/2013	0.10 F	01/09/2013	0.10 F	1/16	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	33	04/16/2013	33	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/16/2013	1.5 F	04/16/2013	1.5 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	04/16/2013	4.0 F	04/16/2013	4.0 F	1/1	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/16/2013	19 F	04/16/2013	19 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

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[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-PZ05-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/27	7
	Bromodichloromethane	SW8260B	0.8					0/16	80 [5]
	Bromoform	SW8260B	1.2					0/16	80 [5]
	Chloroform	SW8260B	0.3					0/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/27	70
	Dibromochloromethane	SW8260B	0.5					0/16	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/16	-- [6]
	Methylene chloride	SW8260B	2.0					0/16	5
	Naphthalene	SW8260B	1.0					0/16	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/07/2003	**21**	06/19/2013	1.9	27/0	5
	Toluene	SW8260B	1.1					0/16	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/27	100
	Trichloroethene	SW8260B	1.0	03/15/2004	1.4 F	11/18/2013	0.17 F	21/6	5
	Vinyl chloride	SW8260B	1.1					0/27	2
	Arsenic	SW6010B	30	09/17/2013	1.0 F	08/06/2014	0.40 F	4/6	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	34	04/16/2013	34	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	3.4 F	11/18/2013	3.4 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	05/14/2014	5.8 F	08/06/2014	2.0 F	8/2	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	11/18/2014	4.0 F	11/18/2014	4.0 F	2/8	1300
	Copper-Dissolved	SW6010B	10	07/20/2012	3.9 F	07/20/2012	3.9 F	1/0	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/10	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	02/10/2014	24 F	11/18/2013	9.0 F	5/5	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-PZ06-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/23	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/23	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0					0/12	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/08/2003	**33**	03/15/2004	0.83 F	22/1	5
	Toluene	SW8260B	1.1					0/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/23	100
	Trichloroethene	SW8260B	1.0	05/14/2014	0.26 F	09/17/2013	0.18 F	6/17	5
	Vinyl chloride	SW8260B	1.1					0/23	2
	Arsenic	SW6010B	30	08/06/2014	0.30 F	08/06/2014	0.30 F	1/9	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	44	04/16/2013	44	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	2.9 F	11/18/2013	2.9 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/20/2012	1.4 F	11/18/2013	1.2 F	4/6	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	11/18/2014	4.0 F	11/18/2014	4.0 F	2/8	1300
	Copper-Dissolved	SW6010B	10	07/20/2012	4.1 F	07/20/2012	4.1 F	1/0	1300
	Mercury	SW7470A	1.0	02/10/2014	0.20 F	02/10/2014	0.20 F	1/9	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	11/18/2013	2.0 F	11/18/2013	2.0 F	1/9	-- [6]
	Nickel-Dissolved	SW6010B	10	07/20/2012	2.3 F	07/20/2012	2.3 F	1/0	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50					0/10	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-TSW-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	08/30/2012	16	07/18/2012	1.2 F	9/8	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	08/30/2012	**64000**	02/10/2014	**3100**	17/0	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	08/30/2012	0.31 F	08/30/2012	0.31 F	1/16	100
	Trichloroethene	SW8260B	1.0	06/19/2013	**54** F	07/18/2012	4.8	14/3	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30	11/18/2014	**28** F	02/10/2014	0.60 F	6/4	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	1.2 F	08/30/2012	1.2 F	1/3	10
	Barium	SW6010B	5.0	04/16/2013	48	04/16/2013	48	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	**14**	11/18/2013	**14**	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/4	5
	Chromium	SW6010B	10	11/18/2014	54	08/06/2014	1.1 F	9/1	100
	Chromium-Dissolved	SW6010B	10					0/4	100
	Copper	SW6010B	10	11/18/2014	23	05/14/2014	4.0 F	4/6	1300
	Copper-Dissolved	SW6010B	10	08/30/2012	5.3	07/18/2012	5.2 B	2/2	1300
	Mercury	SW7470A	1.0	11/18/2014	0.50 F	02/10/2014	0.30 F	2/8	2
	Mercury-Dissolved	SW7470A	1.0					0/4	2
	Nickel	SW6010B	10	11/18/2014	70	08/06/2014	2.0 F	9/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/18/2012	6.6	08/30/2012	1.4 F	2/2	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/4	15
	Zinc	SW6010B	50	07/18/2012	14 F	07/18/2012	14 F	1/9	5000
	Zinc-Dissolved	SW6010B	50	10/01/2012	12 F	08/30/2012	11 F	2/2	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-TSW-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/2	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/2	70
	Tetrachloroethene	SW8260B	1.4	04/16/2013	**31**	11/18/2014	**9.9**	2/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/2	100
	Trichloroethene	SW8260B	1.0	04/16/2013	2.6	04/16/2013	2.6	1/1	5
	Vinyl chloride	SW8260B	1.1					0/2	2
	Arsenic	SW6010B	30	11/18/2014	**45**	04/16/2013	0.40 F	2/0	10
	Barium	SW6010B	5.0	04/16/2013	61	04/16/2013	61	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Chromium	SW6010B	10	11/18/2014	64	11/18/2014	64	1/1	100
	Copper	SW6010B	10	11/18/2014	5.0 F	11/18/2014	5.0 F	1/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Nickel	SW6010B	10	11/18/2014	11	04/16/2013	1.9 F	2/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Zinc	SW6010B	50					0/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-TSW-03									
	Dichloroethene, 1,1-	SW8260B	1.2					0/12	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/12	70
	Tetrachloroethene	SW8260B	1.4	10/01/2012	**12**	02/10/2014	1.0 F	12/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/12	100
	Trichloroethene	SW8260B	1.0	04/16/2013	3.3	10/01/2012	0.25 F	11/1	5
	Vinyl chloride	SW8260B	1.1					0/12	2
	Arsenic	SW6010B	30	09/17/2013	**200**	01/09/2013	**17**	10/1	10
	Arsenic-Dissolved	SW6010B	30	10/01/2012	**12**	08/30/2012	**11**	2/1	10
	Barium	SW6010B	5.0	04/16/2013	32	04/16/2013	32	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	**78**	08/06/2014	**5.1** F	2/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/3	5
	Chromium	SW6010B	10	11/18/2013	**870**	07/20/2012	3.4 F	11/0	100
	Chromium-Dissolved	SW6010B	10	10/01/2012	**150**	07/20/2012	2.1 F	3/0	100
	Copper	SW6010B	10	11/18/2014	7.0 F	08/06/2014	4.0 F	5/6	1300
	Copper-Dissolved	SW6010B	10					0/3	1300
	Mercury	SW7470A	1.0	09/17/2013	**5.1**	06/19/2013	1.2	10/1	2
	Mercury-Dissolved	SW7470A	1.0	10/01/2012	1.1	08/30/2012	0.50	2/1	2
	Nickel	SW6010B	10	08/06/2014	9.0 F	11/18/2014	2.0 F	10/1	-- [6]
	Nickel-Dissolved	SW6010B	10	08/30/2012	20	10/01/2012	7.6	2/1	-- [6]
	Lead	SW6010B	25					0/11	15
	Lead-Dissolved	SW6010B	25					0/3	15
	Zinc	SW6010B	50	01/09/2013	49 F	11/18/2013	15 F	5/6	5000
	Zinc-Dissolved	SW6010B	50	10/01/2012	31 F	08/30/2012	18 F	2/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-TSW-04									
	Dichloroethene, 1,1-	SW8260B	1.2					0/11	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/11	70
	Tetrachloroethene	SW8260B	1.4	06/19/2013	3.9	11/18/2013	0.26 F	11/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/11	100
	Trichloroethene	SW8260B	1.0	08/30/2012	3.8	08/06/2014	0.39 F	6/5	5
	Vinyl chloride	SW8260B	1.1					0/11	2
	Arsenic	SW6010B	30	08/06/2014	**1200**	04/16/2013	9.7	8/2	10
	Arsenic-Dissolved	SW6010B	30					0/2	10
	Barium	SW6010B	5.0	04/16/2013	37	04/16/2013	37	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	**87**	11/18/2013	**87**	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/2	5
	Chromium	SW6010B	10	11/18/2013	**1400**	09/17/2013	63	9/1	100
	Chromium-Dissolved	SW6010B	10					0/2	100
	Copper	SW6010B	10	07/23/2013	13	09/17/2013	8.0 F	2/8	1300
	Copper-Dissolved	SW6010B	10	07/20/2012	4.7 F	07/20/2012	4.7 F	1/1	1300
	Mercury	SW7470A	1.0	11/18/2014	1.7	06/19/2013	0.40	7/3	2
	Mercury-Dissolved	SW7470A	1.0					0/2	2
	Nickel	SW6010B	10	09/17/2013	75	07/20/2012	1.6 F	7/3	-- [6]
	Nickel-Dissolved	SW6010B	10	07/20/2012	2.4 F	08/30/2012	1.1 F	2/0	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/2	15
	Zinc	SW6010B	50	04/16/2013	23 F	05/14/2014	10 F	5/5	5000
	Zinc-Dissolved	SW6010B	50					0/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-TSW-05									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/17	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/18/2014	**220**	08/30/2012	**14**	17/0	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/17	100
	Trichloroethene	SW8260B	1.0	01/09/2013	0.61 F	08/30/2012	0.18 F	15/2	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30	11/18/2014	1.6 F	08/06/2014	0.50 F	2/8	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.30 F	08/30/2012	0.30 F	1/2	10
	Barium	SW6010B	5.0	04/18/2013	40	04/18/2013	40	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	2.9 F	11/18/2013	2.9 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/3	5
	Chromium	SW6010B	10	05/14/2014	4.5 F	09/17/2013	1.4 F	2/8	100
	Chromium-Dissolved	SW6010B	10	08/14/2012	1.6 F	08/14/2012	1.6 F	1/2	100
	Copper	SW6010B	10	11/18/2014	4.0 F	11/18/2014	4.0 F	1/9	1300
	Copper-Dissolved	SW6010B	10	08/14/2012	6.7	08/14/2012	6.7	1/2	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/3	2
	Nickel	SW6010B	10	07/20/2012	5.6	08/06/2014	2.0 F	3/7	-- [6]
	Nickel-Dissolved	SW6010B	10	07/20/2012	7.7	08/14/2012	4.2 F	2/1	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25	08/14/2012	2.9 F	08/14/2012	2.9 F	1/2	15
	Zinc	SW6010B	50	08/06/2014	19 F	05/14/2014	17 F	2/8	5000
	Zinc-Dissolved	SW6010B	50	08/14/2012	620	08/30/2012	15 F	3/0	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-TSW-06									
	Dichloroethene, 1,1-	SW8260B	1.2					0/2	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/2	70
	Tetrachloroethene	SW8260B	1.4	04/18/2013	1.5	04/18/2013	1.5	1/1	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/2	100
	Trichloroethene	SW8260B	1.0	04/18/2013	0.27 F	04/18/2013	0.27 F	1/1	5
	Vinyl chloride	SW8260B	1.1					0/2	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/18/2013	45	04/18/2013	45	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/20/2012	1.2 F	07/20/2012	1.2 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10	07/20/2012	13	07/20/2012	13	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/18/2013	10 F	04/18/2013	10 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/20/2012	41 F	07/20/2012	41 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-TSW-07									
	Dichloroethene, 1,1-	SW8260B	1.2					0/11	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/11	70
	Tetrachloroethene	SW8260B	1.4	08/06/2014	1.5	11/18/2014	0.38 F	9/2	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/11	100
	Trichloroethene	SW8260B	1.0	09/17/2013	4.8	11/18/2014	0.19 F	11/0	5
	Vinyl chloride	SW8260B	1.1					0/11	2
	Arsenic	SW6010B	30	05/14/2014	**14** F	06/19/2013	0.80 F	7/3	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.40 F	08/30/2012	0.40 F	1/1	10
	Barium	SW6010B	5.0	04/16/2013	57	04/16/2013	57	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	**40**	11/18/2013	**40**	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/2	5
	Chromium	SW6010B	10	08/06/2014	**630**	04/16/2013	1.5 F	10/0	100
	Chromium-Dissolved	SW6010B	10					0/2	100
	Copper	SW6010B	10	07/23/2013	11	08/06/2014	4.0 F	6/4	1300
	Copper-Dissolved	SW6010B	10					0/2	1300
	Mercury	SW7470A	1.0	08/06/2014	**6.3**	09/17/2013	0.50 F	7/3	2
	Mercury-Dissolved	SW7470A	1.0					0/2	2
	Nickel	SW6010B	10	05/14/2014	**12**	08/06/2014	2.0 F	6/4	-- [6]
	Nickel-Dissolved	SW6010B	10					0/2	-- [6]
	Lead	SW6010B	25	09/17/2013	3.0 F	04/16/2013	2.2 F	2/8	15
	Lead-Dissolved	SW6010B	25					0/2	15
	Zinc	SW6010B	50	08/06/2014	75	02/10/2014	17 F	8/2	5000
	Zinc-Dissolved	SW6010B	50					0/2	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW13-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3					0/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/7	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0					0/4	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/03/2002	**42**	08/31/2011	4.5	7/0	5
	Toluene	SW8260B	1.1					0/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/7	100
	Trichloroethene	SW8260B	1.0	04/16/2013	0.67 F	08/31/2011	0.29 F	3/4	5
	Vinyl chloride	SW8260B	1.1					0/7	2
	Arsenic	SW6010B	30	04/16/2013	0.70 F	04/16/2013	0.70 F	1/0	10
	Barium	SW6010B	5.0	04/16/2013	45	04/16/2013	45	1/0	2000
	Cadmium	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/1	15
	Zinc	SW6010B	50					0/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW14-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	Bromodichloromethane	SW8260B	0.8					0/2	80 [5]
	Bromoform	SW8260B	1.2					0/2	80 [5]
	Chloroform	SW8260B	0.3					0/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/03/2002	0.60 F	07/03/2002	0.60 F	1/3	70
	Dibromochloromethane	SW8260B	0.5					0/2	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/2	-- [6]
	Methylene chloride	SW8260B	2.0					0/2	5
	Naphthalene	SW8260B	1.0					0/2	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/03/2002	**50**	08/18/2011	1.6	4/0	5
	Toluene	SW8260B	1.1					0/2	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	07/03/2002	1.2 F	07/03/2002	1.2 F	1/3	5
	Vinyl chloride	SW8260B	1.1					0/4	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW15-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/19	7
	Bromodichloromethane	SW8260B	0.8					0/6	80 [5]
	Bromoform	SW8260B	1.2					0/6	80 [5]
	Chloroform	SW8260B	0.3	10/27/2011	0.69 F	10/27/2011	0.69 F	1/5	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	08/31/2011	67	02/10/2014	5.2	21/0	70
	Dibromochloromethane	SW8260B	0.5					0/6	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0					0/5	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4	08/31/2011	**820**	02/10/2014	**13**	21/0	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	08/31/2011	1.0	10/01/2012	0.15 F	13/8	100
	Trichloroethene	SW8260B	1.0	08/31/2011	**37**	02/10/2014	4.8	21/0	5
	Vinyl chloride	SW8260B	1.1					0/21	2
	Arsenic	SW6010B	30	11/18/2014	2.1 F	07/18/2012	0.40 F	3/7	10
	Arsenic-Dissolved	SW6010B	30					0/4	10
	Barium	SW6010B	5.0	04/17/2013	28	04/17/2013	28	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	2.2 F	06/19/2013	0.40 F	3/7	5
	Cadmium-Dissolved	SW6010B	7.0	08/14/2012	0.50 F	10/01/2012	0.40 F	2/2	5
	Chromium	SW6010B	10	07/18/2012	5.3	05/14/2014	1.3 F	2/8	100
	Chromium-Dissolved	SW6010B	10	08/14/2012	15	08/14/2012	15	1/3	100
	Copper	SW6010B	10	07/18/2012	8.0 B	11/18/2014	4.0 F	2/8	1300
	Copper-Dissolved	SW6010B	10	08/14/2012	6.2	07/18/2012	4.1 F	2/2	1300
	Mercury	SW7470A	1.0	02/10/2014	0.20 F	02/10/2014	0.20 F	1/9	2
	Mercury-Dissolved	SW7470A	1.0					0/4	2
	Nickel	SW6010B	10	07/18/2012	3.8 F	07/23/2013	1.3 F	4/6	-- [6]
	Nickel-Dissolved	SW6010B	10	08/14/2012	9.0	07/18/2012	3.2 F	2/2	-- [6]
	Lead	SW6010B	25	07/18/2012	5.8	07/18/2012	5.8	1/9	15
	Lead-Dissolved	SW6010B	25					0/4	15
	Zinc	SW6010B	50	07/18/2012	**9800**	01/09/2013	1100	11/0	5000
	Zinc-Dissolved	SW6010B	50	07/18/2012	3800	08/30/2012	2100	4/0	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW16-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/7	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3					0/5	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/9	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0					0/5	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/04/2002	**37**	07/18/2012	0.93 F	9/0	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/9	100
	Trichloroethene	SW8260B	1.0	04/17/2013	0.22 F	04/17/2013	0.22 F	1/8	5
	Vinyl chloride	SW8260B	1.1					0/9	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/17/2013	35	04/17/2013	35	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/18/2012	3.1 F	07/18/2012	3.1 F	1/1	100
	Chromium-Dissolved	SW6010B	10	07/18/2012	2.3 F	07/18/2012	2.3 F	1/0	100
	Copper	SW6010B	10	07/18/2012	6.0 B	07/18/2012	6.0 B	1/1	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	3.6 F	07/18/2012	3.6 F	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/18/2012	1.2 F	07/18/2012	1.2 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/18/2012	2.3 F	07/18/2012	2.3 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/18/2012	74	04/17/2013	40 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/18/2012	44 F	07/18/2012	44 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW17-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	Bromodichloromethane	SW8260B	0.8					0/2	80 [5]
	Bromoform	SW8260B	1.2					0/2	80 [5]
	Chloroform	SW8260B	0.3					0/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/19/2004	0.21 F	01/19/2004	0.21 F	1/3	70
	Dibromochloromethane	SW8260B	0.5					0/2	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/2	-- [6]
	Methylene chloride	SW8260B	2.0					0/2	5
	Naphthalene	SW8260B	1.0					0/2	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/02/2004	**53**	08/31/2011	3.6	3/1	5
	Toluene	SW8260B	1.1					0/2	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	12/02/2004	1.3 F	01/19/2004	1.0 F	2/2	5
	Vinyl chloride	SW8260B	1.1					0/4	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW18-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	Bromodichloromethane	SW8260B	0.8					0/2	80 [5]
	Bromoform	SW8260B	1.2					0/2	80 [5]
	Chloroform	SW8260B	0.3					0/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/18/2012	2.2	04/18/2013	0.23 F	2/2	70
	Dibromochloromethane	SW8260B	0.5					0/2	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/2	-- [6]
	Methylene chloride	SW8260B	2.0					0/2	5
	Naphthalene	SW8260B	1.0					0/2	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/02/2004	**32**	01/20/2004	**5.8**	4/0	5
	Toluene	SW8260B	1.1					0/2	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	07/18/2012	1.1	04/18/2013	0.42 F	2/2	5
	Vinyl chloride	SW8260B	1.1					0/4	2
	Arsenic	SW6010B	30	04/18/2013	6.0	07/18/2012	5.1	2/0	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/18/2013	240	04/18/2013	240	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/18/2013	18	07/18/2012	6.1	2/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	04/18/2013	23	04/18/2013	23	1/1	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	3.9 F	07/18/2012	3.9 F	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/18/2012	22	04/18/2013	12	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/18/2012	1.1 F	07/18/2012	1.1 F	1/0	-- [6]
	Lead	SW6010B	25	04/18/2013	**28**	04/18/2013	**28**	1/1	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/18/2012	440	04/18/2013	350	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/18/2012	18 F	07/18/2012	18 F	1/0	5000

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[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW19-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/16	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3	10/27/2011	1.4 F	10/27/2011	1.4 F	1/3	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	08/31/2011	**230**	07/23/2013	2.5	16/1	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/3	-- [6]
	Methylene chloride	SW8260B	2.0					0/3	5
	Naphthalene	SW8260B	1.0					0/3	-- [6]
	Tetrachloroethene	SW8260B	1.4	08/31/2011	**1800**	11/18/2014	3.3	17/0	5
	Toluene	SW8260B	1.1					0/3	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	08/31/2011	6.3	09/17/2013	0.27 F	12/5	100
	Trichloroethene	SW8260B	1.0	08/31/2011	**130**	07/23/2013	0.96 F	16/1	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30	11/18/2014	**580**	04/16/2013	0.80 F	7/2	10
	Arsenic-Dissolved	SW6010B	30					0/2	10
	Barium	SW6010B	5.0	04/16/2013	36	04/16/2013	36	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	**13**	11/18/2013	**13**	1/8	5
	Cadmium-Dissolved	SW6010B	7.0					0/2	5
	Chromium	SW6010B	10	11/18/2014	**360**	07/18/2012	1.1 F	8/1	100
	Chromium-Dissolved	SW6010B	10					0/2	100
	Copper	SW6010B	10	06/19/2013	64	11/18/2014	6.0 F	7/2	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	4.3 F	07/18/2012	4.3 F	1/1	1300
	Mercury	SW7470A	1.0	11/18/2014	0.60 F	02/10/2014	0.30 F	2/7	2
	Mercury-Dissolved	SW7470A	1.0					0/2	2
	Nickel	SW6010B	10	08/06/2014	8.0 F	07/23/2013	1.2 F	5/4	-- [6]
	Nickel-Dissolved	SW6010B	10					0/2	-- [6]
	Lead	SW6010B	25	11/18/2014	10 F	08/06/2014	6.5 F	2/7	15
	Lead-Dissolved	SW6010B	25					0/2	15
	Zinc	SW6010B	50	08/06/2014	780	04/16/2013	54	9/0	5000
	Zinc-Dissolved	SW6010B	50	08/30/2012	70	07/18/2012	42 F	2/0	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW20									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3	10/27/2011	1.5 F	10/27/2011	1.5 F	1/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	08/31/2011	**140**	04/16/2013	8.2	5/0	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Tetrachloroethene	SW8260B	1.4	08/31/2011	**18**	04/16/2013	0.43 F	4/1	5
	trans-1,2-Dichloroethene	SW8260B	0.6	08/31/2011	14	04/16/2013	0.72	4/1	100
	Trichloroethene	SW8260B	1.0	08/31/2011	**330**	04/16/2013	**19**	5/0	5
	Vinyl chloride	SW8260B	1.1					0/5	2
	Arsenic	SW6010B	30	07/18/2012	**17**	04/16/2013	1.0 F	2/0	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	51	04/16/2013	51	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/18/2012	79	07/18/2012	79	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	07/18/2012	29 B	07/18/2012	29 B	1/1	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	3.8 F	07/18/2012	3.8 F	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/18/2012	49	07/18/2012	49	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25	07/18/2012	12	07/18/2012	12	1/1	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/18/2012	130	07/18/2012	130	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW21									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/3	70
	Tetrachloroethene	SW8260B	1.4	08/31/2011	2.5	08/18/2011	1.9	2/1	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/3	100
	Trichloroethene	SW8260B	1.0	08/18/2011	3.4	04/16/2013	1.4	3/0	5
	Vinyl chloride	SW8260B	1.1					0/3	2
	Arsenic	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/16/2013	47	04/16/2013	47	1/0	2000
	Cadmium	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/1	15
	Zinc	SW6010B	50					0/1	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW23									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	cis-1,2-Dichloroethene	SW8260B	1.2	08/31/2011	0.43 F	08/31/2011	0.43 F	1/2	70
	Tetrachloroethene	SW8260B	1.4	08/31/2011	**14**	04/16/2013	**7.0**	3/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/3	100
	Trichloroethene	SW8260B	1.0	08/31/2011	**8.2**	04/16/2013	1.6	3/0	5
	Vinyl chloride	SW8260B	1.1					0/3	2
	Arsenic	SW6010B	30	04/16/2013	**17**	04/16/2013	**17**	1/0	10
	Barium	SW6010B	5.0	04/16/2013	190	04/16/2013	190	1/0	2000
	Cadmium	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/16/2013	8.7	04/16/2013	8.7	1/0	100
	Copper	SW6010B	10	04/16/2013	39	04/16/2013	39	1/0	1300
	Mercury	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	04/16/2013	36	04/16/2013	36	1/0	-- [6]
	Lead	SW6010B	25	04/16/2013	**87**	04/16/2013	**87**	1/0	15
	Zinc	SW6010B	50	04/16/2013	290	04/16/2013	290	1/0	5000

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AOC65-VEW25									
	Dichloroethene, 1,1-	SW8260B	1.2					0/16	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2	10/15/2014	0.88 F	10/15/2014	0.88 F	1/0	80 [5]
	Chloroform	SW8260B	0.3	10/15/2014	0.81 F	10/15/2014	0.81 F	1/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/01/2012	5.5	08/18/2011	0.62 F	10/6	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/09/2013	**350**	09/17/2013	4.4	16/0	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	08/06/2014	0.24 F	08/06/2014	0.24 F	1/15	100
	Trichloroethene	SW8260B	1.0	10/01/2012	**15**	06/19/2013	0.34 F	11/5	5
	Vinyl chloride	SW8260B	1.1					0/16	2
	Arsenic	SW6010B	30	07/23/2013	**320**	07/18/2012	5.9	9/0	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Cadmium	SW6010B	7.0	11/18/2013	**76**	11/18/2013	**76**	1/8	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/23/2013	**260**	07/18/2012	11	9/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	07/23/2013	190	11/18/2014	14	8/1	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	3.9 F	07/18/2012	3.9 F	1/0	1300
	Mercury	SW7470A	1.0	11/18/2014	**4.1**	08/06/2014	0.70 F	8/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	09/17/2013	**100**	06/19/2013	1.7 F	8/1	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25	09/17/2013	**43**	02/10/2014	4.9 F	5/4	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	09/17/2013	720	11/18/2013	250	6/3	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW26									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/3	70
	Tetrachloroethene	SW8260B	1.4	07/18/2012	1.6	08/18/2011	0.79 F	3/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/3	100
	Trichloroethene	SW8260B	1.0	08/18/2011	2.0	07/18/2012	0.40 F	3/0	5
	Vinyl chloride	SW8260B	1.1					0/3	2
	Arsenic	SW6010B	30					0/1	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Cadmium	SW6010B	7.0					0/1	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/18/2012	1.5 F	07/18/2012	1.5 F	1/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	07/18/2012	4.0 F	07/18/2012	4.0 F	1/0	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	3.3 F	07/18/2012	3.3 F	1/0	1300
	Mercury	SW7470A	1.0					0/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/18/2012	2.4 F	07/18/2012	2.4 F	1/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/18/2012	2.0 F	07/18/2012	2.0 F	1/0	-- [6]
	Lead	SW6010B	25					0/1	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50					0/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW27									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3	10/27/2011	2.2 F	10/27/2011	2.2 F	1/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/09/2013	**82**	08/31/2011	2.0	7/10	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Tetrachloroethene	SW8260B	1.4	07/18/2012	**5000**	11/18/2014	3.2	17/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6	10/01/2012	4.9	07/18/2012	0.30 F	6/11	100
	Trichloroethene	SW8260B	1.0	01/09/2013	**66**	08/06/2014	0.47 F	10/7	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30	06/19/2013	**560**	04/16/2013	0.50 F	9/1	10
	Arsenic-Dissolved	SW6010B	30	07/18/2012	0.70 F	07/18/2012	0.70 F	1/2	10
	Barium	SW6010B	5.0	04/16/2013	46	04/16/2013	46	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	**72**	11/18/2013	**72**	1/9	5
	Cadmium-Dissolved	SW6010B	7.0	09/28/2012	0.40 F	09/28/2012	0.40 F	1/2	5
	Chromium	SW6010B	10	11/18/2014	**560**	07/18/2012	1.6 F	9/1	100
	Chromium-Dissolved	SW6010B	10					0/3	100
	Copper	SW6010B	10	07/23/2013	9.0	06/19/2013	4.0 F	4/6	1300
	Copper-Dissolved	SW6010B	10	08/30/2012	3.7 F	07/18/2012	3.5 F	2/1	1300
	Mercury	SW7470A	1.0	11/18/2014	0.70 F	02/10/2014	0.20 F	2/8	2
	Mercury-Dissolved	SW7470A	1.0					0/3	2
	Nickel	SW6010B	10	08/06/2014	41	07/23/2013	1.3 F	6/4	-- [6]
	Nickel-Dissolved	SW6010B	10					0/3	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/3	15
	Zinc	SW6010B	50	08/06/2014	15 F	11/18/2013	11 F	4/6	5000
	Zinc-Dissolved	SW6010B	50					0/3	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW28A									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/4	70
	Tetrachloroethene	SW8260B	1.4	08/31/2011	**23**	04/18/2013	**11**	4/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	08/31/2011	**10.0**	04/18/2013	**5.1**	4/0	5
	Vinyl chloride	SW8260B	1.1					0/4	2
	Arsenic	SW6010B	30	04/18/2013	7.7	07/18/2012	6.1	2/0	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/18/2013	200	04/18/2013	200	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/18/2013	9.8	07/18/2012	8.8	2/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10	04/18/2013	16	07/18/2012	12 B	2/0	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	3.8 F	07/18/2012	3.8 F	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	04/18/2013	7.3	07/18/2012	5.2	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25	04/18/2013	9.2	07/18/2012	6.4	2/0	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/18/2013	39 F	07/18/2012	34 F	2/0	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW28B									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/5	70
	Tetrachloroethene	SW8260B	1.4	07/18/2012	**46**	10/01/2012	4.8	5/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/5	100
	Trichloroethene	SW8260B	1.0	08/18/2011	3.7	10/01/2012	0.66 F	5/0	5
	Vinyl chloride	SW8260B	1.1					0/5	2
	Arsenic	SW6010B	30					0/1	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.70 F	07/18/2012	0.40 F	2/0	10
	Cadmium	SW6010B	7.0					0/1	5
	Cadmium-Dissolved	SW6010B	7.0					0/2	5
	Chromium	SW6010B	10					0/1	100
	Chromium-Dissolved	SW6010B	10					0/2	100
	Copper	SW6010B	10					0/1	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	5.2 B	08/30/2012	3.2 F	2/0	1300
	Mercury	SW7470A	1.0					0/1	2
	Mercury-Dissolved	SW7470A	1.0					0/2	2
	Nickel	SW6010B	10	07/18/2012	1.6 F	07/18/2012	1.6 F	1/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/18/2012	11	08/30/2012	1.4 F	2/0	-- [6]
	Lead	SW6010B	25					0/1	15
	Lead-Dissolved	SW6010B	25					0/2	15
	Zinc	SW6010B	50	07/18/2012	100	07/18/2012	100	1/0	5000
	Zinc-Dissolved	SW6010B	50	07/18/2012	380	08/30/2012	130	2/0	5000

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AOC65-VEW29									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	cis-1,2-Dichloroethene	SW8260B	1.2	04/17/2013	0.41 F	08/31/2011	0.20 F	2/2	70
	Tetrachloroethene	SW8260B	1.4	04/17/2013	**56**	07/18/2012	4.5	4/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	08/31/2011	0.93 F	07/18/2012	0.19 F	3/1	5
	Vinyl chloride	SW8260B	1.1					0/4	2
	Arsenic	SW6010B	30	07/18/2012	0.50 F	07/18/2012	0.50 F	1/1	10
	Arsenic-Dissolved	SW6010B	30	07/18/2012	2.2 F	07/18/2012	2.2 F	1/0	10
	Barium	SW6010B	5.0	04/17/2013	86	04/17/2013	86	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10					0/2	100
	Chromium-Dissolved	SW6010B	10	07/18/2012	1.2 F	07/18/2012	1.2 F	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	6.6 B	07/18/2012	6.6 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/18/2012	2.0 F	04/17/2013	1.2 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/18/2012	2.8 F	07/18/2012	2.8 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25	07/18/2012	11	07/18/2012	11	1/0	15
	Zinc	SW6010B	50	04/17/2013	11 F	04/17/2013	11 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW31									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	cis-1,2-Dichloroethene	SW8260B	1.2	08/31/2011	0.26 F	04/17/2013	0.22 F	2/2	70
	Tetrachloroethene	SW8260B	1.4	08/18/2011	**430**	07/18/2012	3.5	4/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	04/17/2013	0.51 F	08/31/2011	0.48 F	2/2	5
	Vinyl chloride	SW8260B	1.1					0/4	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30	07/18/2012	0.50 F	07/18/2012	0.50 F	1/0	10
	Barium	SW6010B	5.0	04/17/2013	69	04/17/2013	69	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10					0/2	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/18/2012	5.9 B	07/18/2012	5.9 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10	07/18/2012	1.3 F	07/18/2012	1.3 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/17/2013	61	04/17/2013	61	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
AOC65-VEW32									
	Dichloroethene, 1,1-	SW8260B	1.2					0/18	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3	10/27/2011	2.2 F	10/27/2011	2.2 F	1/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	08/06/2014	1.1 F	09/28/2012	0.36 F	8/10	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Tetrachloroethene	SW8260B	1.4	08/30/2012	**11000**	10/01/2012	**510**	18/0	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/18	100
	Trichloroethene	SW8260B	1.0	02/10/2014	**22**	08/31/2011	0.78 F	13/5	5
	Vinyl chloride	SW8260B	1.1					0/18	2
	Arsenic	SW6010B	30	11/18/2014	1.9 F	08/06/2014	0.60 F	2/8	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.40 F	08/30/2012	0.40 F	1/3	10
	Barium	SW6010B	5.0	04/18/2013	33	04/18/2013	33	1/0	2000
	Cadmium	SW6010B	7.0	11/18/2013	0.80 F	11/18/2013	0.80 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/4	5
	Chromium	SW6010B	10	05/14/2014	4.0 F	02/10/2014	1.1 F	7/3	100
	Chromium-Dissolved	SW6010B	10					0/4	100
	Copper	SW6010B	10	07/23/2013	5.0	11/18/2014	4.0 F	4/6	1300
	Copper-Dissolved	SW6010B	10	08/14/2012	7.1	08/30/2012	5.5	3/1	1300
	Mercury	SW7470A	1.0	02/10/2014	0.20 F	02/10/2014	0.20 F	1/9	2
	Mercury-Dissolved	SW7470A	1.0					0/4	2
	Nickel	SW6010B	10	07/23/2013	1.7 F	07/23/2013	1.7 F	1/9	-- [6]
	Nickel-Dissolved	SW6010B	10	08/14/2012	1.8 F	08/14/2012	1.8 F	1/3	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25	08/14/2012	7.4	08/14/2012	7.4	1/3	15
	Zinc	SW6010B	50	07/23/2013	51	04/18/2013	12 F	8/2	5000
	Zinc-Dissolved	SW6010B	50	09/28/2012	15 F	08/14/2012	13 F	2/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-EXW01									
	Dichloroethene, 1,1-	SW8260B	1.2	07/20/2009	0.50 F	01/27/2011	0.36 F	2/14	7
	Bromodichloromethane	SW8260B	0.8					0/16	80 [5]
	Bromoform	SW8260B	1.2					0/16	80 [5]
	Chloroform	SW8260B	0.3	04/25/2011	0.26 F	04/07/2014	0.11 F	13/3	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/25/2011	**370**	10/20/2010	**140**	16/0	70
	Dibromochloromethane	SW8260B	0.5					0/16	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/16	-- [6]
	Methylene chloride	SW8260B	2.0	09/24/2009	0.58 B	09/24/2009	0.58 B	1/15	5
	Naphthalene	SW8260B	1.0					0/16	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/25/2011	**310**	05/12/2009	**5.8**	16/0	5
	Toluene	SW8260B	1.1	05/12/2009	78	04/26/2010	0.39 F	3/13	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/20/2009	22	04/10/2012	0.70	15/1	100
	Trichloroethene	SW8260B	1.0	04/25/2011	**330**	05/12/2009	**8.3**	16/0	5
	Vinyl chloride	SW8260B	1.1	05/12/2009	**34**	04/26/2010	0.74 F	5/11	2
	Arsenic	SW6010B	30	10/20/2010	1.8 F	10/24/2011	0.40 F	3/12	10
	Barium	SW6010B	5.0	07/20/2009	46	01/18/2010	28	7/0	2000
	Cadmium	SW6010B	7.0					0/7	5
	Chromium	SW6010B	10					0/7	100
	Copper	SW6010B	10	01/18/2010	23	04/26/2010	3.8 F	4/3	1300
	Mercury	SW7470A	1.0	07/20/2009	0.079 F	10/20/2010	0.05 F	3/4	2
	Nickel	SW6010B	10	09/24/2009	8.2	07/23/2010	0.59 F	6/1	-- [6]
	Lead	SW6010B	25	01/18/2010	**31**	07/23/2010	2.1 F	3/4	15
	Zinc	SW6010B	50	09/24/2009	**10000**	07/20/2009	180	7/0	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-EXW02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/11	7
	Bromodichloromethane	SW8260B	0.8					0/11	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3	10/16/2012	0.17 F	10/07/2013	0.11 F	8/3	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/25/2011	**150**	06/02/2010	10	11/0	70
	Dibromochloromethane	SW8260B	0.5					0/11	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0					0/11	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/25/2011	**140**	06/02/2010	**12**	11/0	5
	Toluene	SW8260B	1.1					0/11	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/25/2011	10	10/16/2012	0.55 F	9/2	100
	Trichloroethene	SW8260B	1.0	04/25/2011	**180**	05/19/2010	3.8	11/0	5
	Vinyl chloride	SW8260B	1.1					0/11	2
	Arsenic	SW6010B	30	06/02/2010	4.5 F	04/07/2014	0.30 F	5/6	10
	Barium	SW6010B	5.0	05/19/2010	47	06/02/2010	44	2/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Chromium	SW6010B	10	05/19/2010	6.1	06/02/2010	1.5 F	2/0	100
	Copper	SW6010B	10	05/19/2010	9.6	06/02/2010	3.2 F	2/0	1300
	Mercury	SW7470A	1.0	06/02/2010	0.06 F	06/02/2010	0.06 F	1/1	2
	Nickel	SW6010B	10	05/19/2010	6.2	05/19/2010	6.2	1/1	-- [6]
	Lead	SW6010B	25	06/02/2010	1.7 F	06/02/2010	1.7 F	1/1	15
	Zinc	SW6010B	50	05/19/2010	29 F	06/02/2010	13 F	2/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-EXW03									
	Dichloroethene, 1,1-	SW8260B	1.2	10/07/2013	0.16 F	10/07/2013	0.16 F	1/4	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3	01/16/2013	0.25 F	04/05/2013	0.13 F	5/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/07/2014	**160**	01/16/2013	**100**	5/0	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0					0/5	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/08/2014	**140**	04/05/2013	**96**	5/0	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	01/16/2013	2.4	10/07/2013	0.63	5/0	100
	Trichloroethene	SW8260B	1.0	04/07/2014	**160**	04/05/2013	**99**	5/0	5
	Vinyl chloride	SW8260B	1.1					0/5	2
	Arsenic	SW6010B	30	10/07/2013	1.5 F	10/08/2014	0.70 F	2/2	10

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-EXW04									
	Dichloroethene, 1,1-	SW8260B	1.2	10/07/2013	0.21 F	04/05/2013	0.19 F	2/3	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3	01/16/2013	0.28 F	04/07/2014	0.13 F	5/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/08/2014	**210**	04/07/2014	**130**	5/0	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0					0/5	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/07/2013	**190**	04/07/2014	**120**	5/0	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	01/16/2013	3.2	04/07/2014	0.65	5/0	100
	Trichloroethene	SW8260B	1.0	01/16/2013	**250**	04/07/2014	**150**	5/0	5
	Vinyl chloride	SW8260B	1.1					0/5	2
	Arsenic	SW6010B	30	04/07/2014	0.70 F	04/07/2014	0.70 F	1/3	10

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-EXW05									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3	10/08/2014	0.17 F	04/07/2014	0.11 F	5/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/07/2013	47	01/16/2013	23	5/0	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0					0/5	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/07/2013	**44**	01/16/2013	**17**	5/0	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/05/2013	0.35 F	04/07/2014	0.19 F	5/0	100
	Trichloroethene	SW8260B	1.0	10/07/2013	**63**	04/07/2014	**47**	5/0	5
	Vinyl chloride	SW8260B	1.1					0/5	2
	Arsenic	SW6010B	30	10/07/2013	1.6 F	10/08/2014	0.60 F	3/1	10

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW26-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2	04/26/2011	1.6	07/21/2011	0.36 F	2/11	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/26/2011	**310**	04/10/2014	7.1	13/0	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0					0/13	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/15/2012	4.4	10/20/2010	0.18 F	8/5	5
	Toluene	SW8260B	1.1	10/24/2011	0.39 F	08/02/2010	0.19 F	7/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/26/2011	9.8	10/24/2011	0.66	13/0	100
	Trichloroethene	SW8260B	1.0	06/23/2010	**8.4**	10/09/2013	0.16 F	12/1	5
	Vinyl chloride	SW8260B	1.1	07/21/2011	**110**	04/10/2014	**7.6**	13/0	2
	Arsenic	SW6010B	30	08/02/2010	5.6	10/15/2012	0.50 F	9/4	10
	Barium	SW6010B	5.0	08/02/2010	94	06/23/2010	83	3/0	2000
	Cadmium	SW6010B	7.0	08/02/2010	0.77 F	08/02/2010	0.77 F	1/2	5
	Chromium	SW6010B	10	06/23/2010	3.0 F	06/23/2010	3.0 F	1/2	100
	Copper	SW6010B	10	06/23/2010	2.8 F	06/23/2010	2.8 F	1/2	1300
	Mercury	SW7470A	1.0	08/02/2010	0.073 F	10/20/2010	0.06 F	3/0	2
	Nickel	SW6010B	10	06/23/2010	2.7 F	10/20/2010	1.3 F	3/0	-- [6]
	Lead	SW6010B	25					0/3	15
	Zinc	SW6010B	50	06/23/2010	35 F	08/02/2010	17 F	2/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW27-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/17	80 [5]
	Chloroform	SW8260B	0.3	04/26/2011	0.08 F	04/26/2011	0.08 F	1/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/12/2013	31	04/26/2011	0.40 F	17/0	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/17	-- [6]
	Methylene chloride	SW8260B	2.0					0/17	5
	Naphthalene	SW8260B	1.0					0/17	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/20/2010	0.83 F	05/19/2010	0.18 F	3/14	5
	Toluene	SW8260B	1.1	10/22/2010	0.42 F	04/26/2011	0.17 F	5/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/10/2014	4.6	04/26/2011	0.20 F	17/0	100
	Trichloroethene	SW8260B	1.0	10/24/2011	2.4	04/10/2014	0.32 F	9/8	5
	Vinyl chloride	SW8260B	1.1	04/10/2014	**33**	04/26/2011	0.39 F	17/0	2
	Arsenic	SW6010B	30	04/26/2011	10	10/09/2013	1.0 F	7/10	10
	Barium	SW6010B	5.0	06/23/2010	150	02/24/2010	70	7/0	2000
	Cadmium	SW6010B	7.0	08/02/2010	0.84 F	08/02/2010	0.84 F	1/6	5
	Chromium	SW6010B	10	06/23/2010	2.7 F	08/02/2010	1.8 F	2/5	100
	Copper	SW6010B	10	04/20/2010	12 B	06/23/2010	2.7 F	4/3	1300
	Mercury	SW7470A	1.0	08/02/2010	0.099 F	10/22/2010	0.07 F	3/4	2
	Nickel	SW6010B	10	10/22/2010	4.4 F	08/02/2010	2.1 F	3/4	-- [6]
	Lead	SW6010B	25	06/23/2010	3.1 F	06/23/2010	3.1 F	1/6	15
	Zinc	SW6010B	50	10/22/2010	99	05/19/2010	12 F	6/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW29-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3					0/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/4	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0					0/4	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/15/2012	1.4 F	08/02/2010	0.38 F	4/0	5
	Toluene	SW8260B	1.1	08/02/2010	0.26 F	08/02/2010	0.26 F	1/3	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	10/15/2012	1.1	04/16/2012	0.27 F	4/0	5
	Vinyl chloride	SW8260B	1.1					0/4	2
	Arsenic	SW6010B	30	08/02/2010	8.2	10/15/2012	1.4 F	2/2	10
	Barium	SW6010B	5.0	08/02/2010	200	06/23/2010	100	2/0	2000
	Cadmium	SW6010B	7.0	06/23/2010	1.2 F	08/02/2010	0.52 F	2/0	5
	Chromium	SW6010B	10	08/02/2010	6.6	06/23/2010	2.8 F	2/0	100
	Copper	SW6010B	10	06/23/2010	3.0 F	06/23/2010	3.0 F	1/1	1300
	Mercury	SW7470A	1.0	08/02/2010	0.12 F	06/23/2010	0.096 F	2/0	2
	Nickel	SW6010B	10	08/02/2010	3.7 F	06/23/2010	2.3 F	2/0	-- [6]
	Lead	SW6010B	25	06/23/2010	1.6 F	06/23/2010	1.6 F	1/1	15
	Zinc	SW6010B	50	08/02/2010	58	06/23/2010	40 F	2/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW30-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/6	7
	Bromodichloromethane	SW8260B	0.8					0/6	80 [5]
	Bromoform	SW8260B	1.2					0/6	80 [5]
	Chloroform	SW8260B	0.3					0/6	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/15/2012	5.9	04/12/2013	0.22 F	6/0	70
	Dibromochloromethane	SW8260B	0.5					0/6	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/6	-- [6]
	Methylene chloride	SW8260B	2.0					0/6	5
	Naphthalene	SW8260B	1.0					0/6	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/15/2012	**17**	06/23/2010	3.8	6/0	5
	Toluene	SW8260B	1.1	10/22/2010	0.80 F	10/15/2012	0.35 F	5/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/6	100
	Trichloroethene	SW8260B	1.0	10/15/2012	**6.3**	06/23/2010	0.38 F	6/0	5
	Vinyl chloride	SW8260B	1.1					0/6	2
	Arsenic	SW6010B	30	10/22/2010	5.7	04/12/2013	0.50 F	4/2	10
	Barium	SW6010B	5.0	08/02/2010	190	06/23/2010	140	3/0	2000
	Cadmium	SW6010B	7.0					0/3	5
	Chromium	SW6010B	10	08/02/2010	11	06/23/2010	2.5 F	3/0	100
	Copper	SW6010B	10	10/22/2010	9.0	06/23/2010	1.5 F	2/1	1300
	Mercury	SW7470A	1.0	06/23/2010	0.086 F	10/22/2010	0.08 F	2/1	2
	Nickel	SW6010B	10	10/22/2010	9.2	06/23/2010	1.9 F	3/0	-- [6]
	Lead	SW6010B	25	10/22/2010	4.6 F	08/02/2010	1.6 F	2/1	15
	Zinc	SW6010B	50	10/22/2010	240	06/23/2010	38 F	3/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW31-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/13	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/20/2011	58	10/14/2014	2.8	13/0	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0					0/13	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/23/2010	**23**	10/09/2013	1.3 F	13/0	5
	Toluene	SW8260B	1.1	10/22/2010	1.0 F	07/20/2011	0.54 F	6/7	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/10/2014	2.3	10/14/2014	0.40 F	12/1	100
	Trichloroethene	SW8260B	1.0	01/20/2011	**13**	10/09/2013	1.2	13/0	5
	Vinyl chloride	SW8260B	1.1	10/09/2013	0.87 F	10/09/2013	0.87 F	1/12	2
	Arsenic	SW6010B	30	04/26/2011	9.1	10/22/2010	0.60 F	8/5	10
	Barium	SW6010B	5.0	08/03/2010	110	10/22/2010	62	3/0	2000
	Cadmium	SW6010B	7.0					0/3	5
	Chromium	SW6010B	10	08/03/2010	20	06/23/2010	3.8 F	2/1	100
	Copper	SW6010B	10	06/23/2010	4.7 F	06/23/2010	4.7 F	1/2	1300
	Mercury	SW7470A	1.0	08/03/2010	0.11 F	06/23/2010	0.067 F	2/1	2
	Nickel	SW6010B	10	08/03/2010	17	10/22/2010	4.8 F	3/0	-- [6]
	Lead	SW6010B	25					0/3	15
	Zinc	SW6010B	50	10/22/2010	99	06/23/2010	24 F	3/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW32-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2	01/20/2011	0.42 F	04/26/2011	0.22 F	2/10	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/20/2011	**280**	10/09/2013	8.4	12/0	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0					0/12	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/23/2010	**67**	04/16/2012	**6.0**	12/0	5
	Toluene	SW8260B	1.1	08/03/2010	0.94 F	10/09/2013	0.20 F	3/9	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/21/2011	2.3	10/09/2013	0.23 F	10/2	100
	Trichloroethene	SW8260B	1.0	01/20/2011	**39**	04/16/2012	2.5	12/0	5
	Vinyl chloride	SW8260B	1.1	01/20/2011	0.67 F	04/12/2013	0.43 F	3/9	2
	Arsenic	SW6010B	30	04/16/2012	**13**	10/22/2010	0.30 F	9/3	10
	Barium	SW6010B	5.0	08/03/2010	69	06/23/2010	29	3/0	2000
	Cadmium	SW6010B	7.0					0/3	5
	Chromium	SW6010B	10	08/03/2010	12	10/22/2010	1.4 F	2/1	100
	Copper	SW6010B	10	06/23/2010	1.9 F	06/23/2010	1.9 F	1/2	1300
	Mercury	SW7470A	1.0	08/03/2010	0.077 F	10/22/2010	0.06 F	3/0	2
	Nickel	SW6010B	10	08/03/2010	6.9	10/22/2010	2.5 F	2/1	-- [6]
	Lead	SW6010B	25					0/3	15
	Zinc	SW6010B	50	10/22/2010	140	06/23/2010	10 F	3/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW33-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/12	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/16/2012	24	04/10/2014	2.8	12/0	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0					0/12	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/23/2010	**26**	10/14/2014	0.61 F	12/0	5
	Toluene	SW8260B	1.1	08/03/2010	0.58 F	10/15/2012	0.19 F	6/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	10/15/2012	1.9	04/26/2011	0.16 F	6/6	100
	Trichloroethene	SW8260B	1.0	04/16/2012	**9.4**	10/14/2014	1.8	12/0	5
	Vinyl chloride	SW8260B	1.1	10/15/2012	**2.1**	10/09/2013	0.28 F	4/8	2
	Arsenic	SW6010B	30	08/03/2010	3.7 F	07/21/2011	0.60 F	5/7	10
	Barium	SW6010B	5.0	10/22/2010	67	06/23/2010	42	3/0	2000
	Cadmium	SW6010B	7.0	08/03/2010	0.88 F	08/03/2010	0.88 F	1/2	5
	Chromium	SW6010B	10	08/03/2010	1.9 F	06/23/2010	1.5 F	2/1	100
	Copper	SW6010B	10					0/3	1300
	Mercury	SW7470A	1.0	08/03/2010	0.078 F	10/22/2010	0.05 F	2/1	2
	Nickel	SW6010B	10	10/22/2010	1.4 F	06/23/2010	0.80 F	2/1	-- [6]
	Lead	SW6010B	25					0/3	15
	Zinc	SW6010B	50	10/22/2010	110	06/23/2010	16 F	3/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
B3-MW34-UGR									
	Dichloroethene, 1,1-	SW8260B	1.2	04/26/2011	2.8	07/21/2011	0.52 F	3/10	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/15/2012	**640**	04/10/2014	0.66 F	13/0	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0					0/13	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/15/2012	**79**	01/20/2011	0.30 F	8/5	5
	Toluene	SW8260B	1.1	08/03/2010	0.81 F	04/16/2012	0.28 F	5/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/26/2011	10	10/24/2011	1.5	13/0	100
	Trichloroethene	SW8260B	1.0	10/15/2012	**96**	04/12/2013	0.16 F	9/4	5
	Vinyl chloride	SW8260B	1.1	04/26/2011	**150**	04/10/2014	**2.2**	13/0	2
	Arsenic	SW6010B	30	10/14/2014	**19** F	07/21/2011	0.60 F	11/2	10
	Barium	SW6010B	5.0	06/23/2010	120	08/03/2010	78	3/0	2000
	Cadmium	SW6010B	7.0	08/03/2010	0.57 F	08/03/2010	0.57 F	1/2	5
	Chromium	SW6010B	10	06/23/2010	18	08/03/2010	2.1 F	2/1	100
	Copper	SW6010B	10	06/23/2010	11	06/23/2010	11	1/2	1300
	Mercury	SW7470A	1.0	06/23/2010	0.095 F	10/20/2010	0.06 F	3/0	2
	Nickel	SW6010B	10	06/23/2010	23	10/20/2010	4.9 F	3/0	-- [6]
	Lead	SW6010B	25	06/23/2010	6.2	06/23/2010	6.2	1/2	15
	Zinc	SW6010B	50	06/23/2010	64	10/20/2010	24 F	3/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-1									
	Dichloroethene, 1,1-	SW8260B	1.2	09/15/2004	0.053 F	09/15/2004	0.053 F	1/44	7
	Bromodichloromethane	SW8260B	0.8					0/18	80 [5]
	Bromoform	SW8260B	1.2					0/17	80 [5]
	Chloroform	SW8260B	0.3	06/17/2002	0.076 F	09/16/2003	0.053 F	3/15	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/45	70
	Dibromochloromethane	SW8260B	0.5					0/18	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/17	-- [6]
	Methylene chloride	SW8260B	2.0	03/11/2004	0.64 F	03/19/2003	0.31 F	5/13	5
	Naphthalene	SW8260B	1.0					0/17	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/17/2001	0.14 F	09/15/2004	0.066 F	13/32	5
	Toluene	SW8260B	1.1	03/19/2003	3.7 B	12/16/2003	0.091 F	4/13	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/45	100
	Trichloroethene	SW8260B	1.0	06/17/2002	0.63 F	09/15/2004	0.093 F	32/13	5
	Vinyl chloride	SW8260B	1.1					0/45	2
	Arsenic	SW6010B	30	12/15/2011	3.0 F	06/23/2014	0.30 F	23/21	10
	Barium	SW6010B	5.0	06/14/2010	45	09/16/2009	30	44/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	12/08/2014	1.4 F	06/17/2002	0.027 F	4/40	5
	Chromium	SW6010B	10	06/23/2014	1.8 F	06/23/2014	1.8 F	1/43	100
	Copper	SW6010B	10	03/11/2004	42 J	03/19/2003	2.2 F	34/11	1300
	Mercury	SW7470A	1.0	06/26/2008	0.40 F	12/02/2004	0.039 F	6/38	2
	Nickel	SW6010B	10	12/11/2001	3.0 F	06/15/2005	1.7 F	5/15	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/14/2011	**29**	06/15/2006	0.98 F	25/20	15
	Zinc	SW6010B	50	01/03/2013	730	09/18/2008	67	43/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-2									
	Dichloroethene, 1,1-	SW8260B	1.2					0/31	7
	Bromodichloromethane	SW8260B	0.8					0/20	80 [5]
	Bromoform	SW8260B	1.2					0/14	80 [5]
	Chloroform	SW8260B	0.3	03/20/2003	0.12 F	12/16/2002	0.11 F	2/18	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/31	70
	Dibromochloromethane	SW8260B	0.5					0/20	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/14	-- [6]
	Methylene chloride	SW8260B	2.0	09/19/2003	0.73 F	09/16/2004	0.28 F	5/15	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/30/2006	0.88 F	09/10/2002	0.073 F	16/15	5
	Toluene	SW8260B	1.1	03/20/2003	8.7 J	03/20/2003	8.7 J	1/13	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/30	100
	Trichloroethene	SW8260B	1.0	02/05/2010	0.19 F	12/10/2003	0.071 F	4/27	5
	Vinyl chloride	SW8260B	1.1					0/31	2
	Arsenic	SW6010B/SW6020	30/20	01/30/2006	5.6 F	06/16/2004	0.54 F	7/3	10
	Barium	SW6010B	5.0	06/13/2006	40	06/14/2005	32	9/0	2000
	Cadmium	SW6020	2.0	06/19/2003	0.11 F	06/18/2002	0.032 F	2/17	5
	Chromium	SW6010B	10	06/18/2002	39 J	09/05/2013	1.1 F	8/11	100
	Copper	SW6010B	10	06/19/2003	1.6 F	06/19/2003	1.6 F	1/8	1300
	Mercury	SW7470A	1.0	06/14/2005	0.055 F	06/14/2005	0.055 F	1/18	2
	Nickel	SW6010B	10	06/18/2002	19 J	06/14/2005	1.2 F	4/7	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/11/2008	3.0 F	12/13/2007	0.20 F	12/7	15
	Zinc	SW6010B	50	01/30/2006	18 F	06/19/2003	5.3 F	7/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-3									
	Dichloroethene, 1,1-	SW8260B	1.2					0/1	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/1	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	02/05/2010	1.2 F	02/05/2010	1.2 F	1/0	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/1	100
	Trichloroethene	SW8260B	1.0					0/1	5
	Vinyl chloride	SW8260B	1.1					0/1	2
	Arsenic	SW6010B	30					0/1	10

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-4									
	Dichloroethene, 1,1-	SW8260B	1.2					0/26	7
	Bromodichloromethane	SW8260B	0.8					0/15	80 [5]
	Bromoform	SW8260B	1.2					0/15	80 [5]
	Chloroform	SW8260B	0.3	02/24/2010	0.092 F	06/16/2004	0.057 F	2/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	12/09/2009	65 J	09/25/2003	0.11 F	21/5	70
	Dibromochloromethane	SW8260B	0.5					0/15	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/15	-- [6]
	Methylene chloride	SW8260B	2.0	09/25/2003	0.43 F	03/11/2004	0.28 M	3/12	5
	Naphthalene	SW8260B	1.0					0/15	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/09/2009	**43**	06/25/2013	0.64 F	26/0	5
	Toluene	SW8260B	1.1	12/16/2003	0.076 F	12/16/2003	0.076 F	1/14	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	12/09/2009	0.73 J	09/15/2004	0.061 F	5/21	100
	Trichloroethene	SW8260B	1.0	12/09/2009	**87**	12/16/2003	0.43 F	26/0	5
	Vinyl chloride	SW8260B	1.1					0/26	2
	Arsenic	SW6020/SW6010B	20/30	06/23/2003	0.57 F	01/31/2011	0.40 F	4/3	10
	Barium	SW6010B	5.0	02/24/2010	32	06/14/2005	29	5/0	2000
	Cadmium	SW6020	2.0	09/25/2007	0.50 F	06/16/2004	0.034 F	4/11	5
	Chromium	SW6010B	10					0/13	100
	Copper	SW6010B	10	06/23/2003	2.0 F	04/26/2010	1.0 F	2/3	1300
	Mercury	SW7470A	1.0	04/26/2010	0.061 F	06/14/2005	0.056 F	2/11	2
	Nickel	SW6010B	10					0/7	-- [6]
	Lead	SW6010B/SW6020	25/2.0	03/12/2008	2.8 F	06/23/2003	0.19 F	6/9	15
	Zinc	SW6010B	50	06/23/2003	72	04/26/2010	3.4 F	4/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-9									
	Dichloroethene, 1,1-	SW8260B	1.2					0/41	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/16	80 [5]
	Chloroform	SW8260B	0.3	06/13/2006	1.1	06/13/2006	1.1	1/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/41	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/16	-- [6]
	Methylene chloride	SW8260B	2.0	06/13/2006	1.1 F	03/19/2002	0.25 F	5/12	5
	Naphthalene	SW8260B	1.0					0/16	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/17/2003	0.061 F	09/16/2003	0.05 F	4/37	5
	Toluene	SW8260B	1.1	03/19/2003	2.5 B	12/15/2003	0.10 F	5/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/41	100
	Trichloroethene	SW8260B	1.0					0/41	5
	Vinyl chloride	SW8260B	1.1					0/41	2
	Arsenic	SW6010B	30	09/08/2010	4.5 F	03/09/2011	0.30 F	22/9	10
	Barium	SW6010B	5.0	09/08/2010	46	12/03/2004	30	31/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/08/2010	0.90 F	09/10/2002	0.032 F	8/33	5
	Chromium	SW6010B	10	06/13/2006	8.8 F	06/14/2010	2.0 F	8/32	100
	Copper	SW6010B	10	12/08/2010	70	12/03/2004	1.9 F	28/4	1300
	Mercury	SW7470A	1.0	12/15/2011	**18**	12/03/2004	0.031 F	34/10	2
	Nickel	SW6010B	10	12/13/2007	**22**	06/26/2008	2.0 F	6/15	-- [6]
	Lead	SW6010B/SW6020	25/2.0	12/15/2011	**58**	06/15/2005	0.56 F	45/0	15
	Zinc	SW6010B	50	06/13/2006	3400	06/22/2004	49 F	34/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-10									
	Dichloroethene, 1,1-	SW8260B	1.2	09/15/2004	0.071 F	09/15/2004	0.071 F	1/45	7
	Bromodichloromethane	SW8260B	0.8	06/22/2006	1.5	06/22/2006	1.5	1/17	80 [5]
	Bromoform	SW8260B	1.2	06/22/2006	0.30 F	06/22/2006	0.30 F	1/16	80 [5]
	Chloroform	SW8260B	0.3	06/22/2006	9.4	06/17/2002	0.053 F	16/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/46	70
	Dibromochloromethane	SW8260B	0.5	06/22/2006	0.75	06/22/2006	0.75	1/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/17	-- [6]
	Methylene chloride	SW8260B	2.0	03/11/2004	0.61 F	03/19/2003	0.29 F	5/13	5
	Naphthalene	SW8260B	1.0					0/17	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/16/2003	0.099 F	06/22/2004	0.055 F	7/39	5
	Toluene	SW8260B	1.1	06/22/2006	16	12/16/2003	0.089 F	3/14	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/46	100
	Trichloroethene	SW8260B	1.0	03/08/2010	0.24 F	03/08/2010	0.24 F	1/45	5
	Vinyl chloride	SW8260B	1.1					0/46	2
	Arsenic	SW6010B	30	09/08/2010	4.6 F	12/14/2009	0.40 F	26/19	10
	Barium	SW6010B	5.0	06/14/2010	50	06/17/2002	35	45/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	12/08/2014	1.2 F	12/10/2002	0.026 F	6/39	5
	Chromium	SW6010B	10	09/12/2012	12	03/19/2003	0.74 F	4/42	100
	Copper	SW6010B	10	12/08/2010	33	09/10/2002	1.4 F	34/14	1300
	Mercury	SW7470A	1.0	06/22/2006	0.58 F	09/15/2004	0.029 F	8/37	2
	Nickel	SW6010B	10	09/17/2001	9.0 F	09/08/2005	1.2 F	9/11	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/16/2008	5.4 F	06/22/2004	0.48 F	22/25	15
	Zinc	SW6010B	50	12/14/2009	1300	09/15/2004	13 F	46/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-12									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3	03/25/2009	1.5	03/25/2009	1.5	1/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/22	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/22	5
	Toluene	SW8260B	1.1	03/25/2009	0.55 F	03/25/2009	0.55 F	1/0	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/22	100
	Trichloroethene	SW8260B	1.0					0/22	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6010B	30	09/17/2010	8.2 F	09/09/2014	0.80 F	10/14	10
	Barium	SW6010B	5.0	06/14/2010	38	09/14/2009	29	23/0	2000
	Cadmium	SW6010B	7.0	12/08/2014	1.3 F	06/14/2010	0.60 F	3/20	5
	Chromium	SW6010B	10	09/12/2012	4.0 F	06/23/2014	1.9 F	5/19	100
	Copper	SW6010B	10	03/09/2010	47	09/12/2012	4.0 F	23/3	1300
	Mercury	SW7470A	1.0	11/15/2011	0.20 F	11/15/2011	0.20 F	1/22	2
	Nickel	SW6010B	10	03/25/2009	3.0 F	03/25/2009	3.0 F	1/0	-- [6]
	Lead	SW6010B	25	03/09/2010	**25**	06/14/2010	3.9 F	6/17	15
	Zinc	SW6010B	50	03/09/2010	1400	12/08/2014	76	23/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-13									
	Dichloroethene, 1,1-	SW8260B	1.2					0/7	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3	05/02/2012	3.5	03/15/2012	0.21 F	3/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/7	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0					0/4	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/7	5
	Toluene	SW8260B	1.1	05/02/2012	3.6	03/15/2012	1.6	3/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/7	100
	Trichloroethene	SW8260B	1.0					0/7	5
	Vinyl chloride	SW8260B	1.1					0/7	2
	Arsenic	SW6010B	30	05/02/2012	8.2 F	03/15/2012	1.3 F	7/1	10
	Barium	SW6010B	5.0	03/15/2012	34	12/08/2014	30	7/0	2000
	Cadmium	SW6010B	7.0	12/08/2014	1.0 F	12/08/2014	1.0 F	1/6	5
	Chromium	SW6010B	10	06/23/2014	3.9 F	12/08/2014	1.2 F	2/5	100
	Copper	SW6010B	10	03/15/2012	5.0 F	06/23/2014	4.0 F	3/4	1300
	Mercury	SW7470A	1.0					0/7	2
	Nickel	SW6010B	10	03/15/2012	11	03/15/2012	8.0 F	3/0	-- [6]
	Lead	SW6010B	25	03/15/2012	10 F	03/15/2012	5.0 F	2/4	15
	Zinc	SW6010B	50	06/23/2014	500	03/15/2012	110	7/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-B3-MW01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/24	7
	Bromodichloromethane	SW8260B	0.8					0/24	80 [5]
	Bromoform	SW8260B	1.2					0/24	80 [5]
	Chloroform	SW8260B	0.3	10/09/2014	0.11 F	10/09/2014	0.11 F	1/23	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/29/2009	**510**	10/09/2014	0.20 F	21/3	70
	Dibromochloromethane	SW8260B	0.5					0/24	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/24	-- [6]
	Methylene chloride	SW8260B	2.0					0/24	5
	Naphthalene	SW8260B	1.0	10/15/2007	**0.50**	10/15/2007	0.50	1/23	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/20/2011	0.77 F	07/27/2007	0.21 F	6/18	5
	Toluene	SW8260B	1.1	04/12/2012	0.29 F	07/20/2011	0.12 F	3/21	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/20/2009	17	04/11/2013	0.30 F	21/3	100
	Trichloroethene	SW8260B	1.0	01/18/2010	3.2	10/27/2008	0.17 F	11/13	5
	Vinyl chloride	SW8260B	1.1	07/29/2010	**220**	01/20/2009	**2.2**	24/0	2
	Arsenic	SW6010B	30	04/21/2008	**27**	10/18/2012	0.30 F	16/8	10
	Barium	SW6010B	5.0	01/20/2009	1200	01/18/2010	88	14/0	2000
	Cadmium	SW6010B	7.0	01/20/2009	1.2 F	04/20/2009	0.71 F	3/11	5
	Chromium	SW6010B	10	01/20/2009	11	07/29/2010	1.7 F	9/5	100
	Copper	SW6010B	10	01/21/2008	11	07/21/2008	2.2 F	6/8	1300
	Mercury	SW7470A	1.0	01/18/2010	0.18 F	10/20/2010	0.05 F	9/5	2
	Nickel	SW6010B	10	01/20/2009	37	01/18/2010	0.76 F	14/0	-- [6]
	Lead	SW6010B	25	01/21/2008	**82**	07/29/2010	5.8	9/5	15
	Zinc	SW6010B	50	01/20/2009	260	04/26/2010	4.7 F	13/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-D									
	Dichloroethene, 1,1-	SW8260B	1.2	09/18/2003	0.15 F	06/19/2003	0.066 F	9/33	7
	Bromodichloromethane	SW8260B	0.8					0/30	80 [5]
	Bromoform	SW8260B	1.2					0/25	80 [5]
	Chloroform	SW8260B	0.3	06/19/2003	0.24 F	06/18/2002	0.10 F	26/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	12/10/2003	**270**	10/28/2008	34	41/0	70
	Dibromochloromethane	SW8260B	0.5					0/30	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/25	-- [6]
	Methylene chloride	SW8260B	2.0	12/14/2001	0.83 F	03/16/2006	0.19 F	5/24	5
	Naphthalene	SW8260B	1.0					0/25	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/10/2003	**230**	04/10/2012	**47**	41/0	5
	Toluene	SW8260B	1.1	03/20/2003	2.7 J	03/20/2003	2.7 J	1/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	03/20/2003	12 J	01/10/2013	0.21 F	39/2	100
	Trichloroethene	SW8260B	1.0	09/18/2003	**300**	10/28/2008	**39**	41/0	5
	Vinyl chloride	SW8260B	1.1	10/20/2010	0.30 F	03/20/2003	0.03 F	5/37	2
	Arsenic	SW6010B/SW6020	30/20	04/21/2008	10	06/16/2004	0.28 F	9/11	10
	Barium	SW6010B	5.0	10/29/2009	39	06/18/2002	27	18/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	07/29/2010	0.74 F	06/16/2004	0.06 F	7/21	5
	Chromium	SW6010B	10	10/28/2008	2.5 F	06/08/2005	0.92 F	2/24	100
	Copper	SW6010B	10	04/26/2010	3.7 F	07/21/2008	1.1 F	5/13	1300
	Mercury	SW7470A	1.0	07/21/2008	0.12 F	10/20/2010	0.06 F	4/22	2
	Nickel	SW6010B	10	12/14/2001	9.0 F	01/18/2010	0.49 F	9/12	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/15/2009	5.6 F	06/19/2003	0.33 F	13/16	15
	Zinc	SW6010B	50	10/15/2007	280	07/21/2008	9.0 F	17/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-I									
	Dichloroethene, 1,1-	SW8260B	1.2					0/19	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/10	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/19	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/10	-- [6]
	Methylene chloride	SW8260B	2.0	06/12/2006	0.60 F	03/13/2002	0.23 F	5/8	5
	Naphthalene	SW8260B	1.0					0/10	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/07/2004	0.054 F	09/07/2004	0.054 F	1/18	5
	Toluene	SW8260B	1.1	09/24/2003	23	12/09/2003	0.22 F	2/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/19	100
	Trichloroethene	SW8260B	1.0	09/07/2004	0.041 F	09/07/2004	0.041 F	1/18	5
	Vinyl chloride	SW8260B	1.1					0/19	2
	Arsenic	SW6020	20	03/13/2002	1.9 F	06/15/2004	0.25 F	4/2	10
	Barium	SW6010B	5.0	03/13/2002	160 J	09/12/2001	100 J	6/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/13/2010	0.80 F	06/06/2005	0.089 F	4/8	5
	Chromium	SW6010B	10	03/13/2002	9.1 F	03/13/2002	9.1 F	1/11	100
	Copper	SW6010B	10	03/13/2002	57	09/12/2001	8.0 F	4/2	1300
	Mercury	SW7470A	1.0	03/13/2002	0.66 F	12/17/2001	0.20 F	3/9	2
	Nickel	SW6010B	10	03/13/2002	6.9 F	09/12/2001	3.0 F	2/4	-- [6]
	Lead	SW6020	2.0	03/13/2002	**87**	06/15/2004	0.30 F	6/6	15
	Zinc	SW6010B	50	03/13/2002	**8600** J	06/15/2004	18 F	6/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW1-BS									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8					0/11	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/11	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	11/21/2002	2.2	03/09/2004	0.12 F	17/1	70
	Dibromochloromethane	SW8260B	0.5					0/11	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	03/09/2004	0.62 F	09/15/2003	0.33 F	3/8	5
	Naphthalene	SW8260B	1.0	09/15/2003	0.11 F	09/15/2003	0.11 F	1/9	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/25/2003	0.19 F	03/25/2003	0.19 F	1/17	5
	Toluene	SW8260B	1.1	06/16/2003	26	09/14/2005	0.34 F	12/0	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/18	100
	Trichloroethene	SW8260B	1.0	03/25/2003	0.24 F	07/26/2004	0.053 F	7/11	5
	Vinyl chloride	SW8260B	1.1	06/16/2003	0.069 F	06/16/2003	0.069 F	1/16	2
	Arsenic	SW6020	20	06/13/2005	2.6 F	03/25/2003	1.6 F	4/0	10
	Barium	SW6010B	5.0	06/16/2003	51	03/25/2003	30	4/0	2000
	Cadmium	SW6020	2.0	06/17/2004	0.036 F	03/25/2003	0.025 F	2/8	5
	Chromium	SW6010B	10	12/10/2009	12	03/25/2003	1.0 F	3/6	100
	Copper	SW6010B	10	03/25/2003	1.8 F	06/16/2003	1.7 F	2/2	1300
	Mercury	SW7470A	1.0	06/13/2005	0.071 F	06/16/2003	0.038 F	2/7	2
	Nickel	SW6010B	10	06/16/2003	9.8 F	06/13/2005	3.3 F	2/3	-- [6]
	Lead	SW6020	2.0	06/13/2005	0.33 F	06/16/2003	0.20 F	2/8	15
	Zinc	SW6010B	50	06/16/2003	78	03/25/2003	34	2/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW1-CC									
	Dichloroethene, 1,1-	SW8260B	1.2					0/20	7
	Bromodichloromethane	SW8260B	0.8					0/11	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/11	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	11/10/2002	3.2	11/10/2002	3.2	1/23	70
	Dibromochloromethane	SW8260B	0.5					0/11	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	09/08/2004	0.52 F	03/11/2004	0.27 M	4/8	5
	Naphthalene	SW8260B	1.0					0/10	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/10/2002	1.3 F	11/10/2002	1.3 F	1/23	5
	Toluene	SW8260B	1.1	11/10/2002	40	09/08/2004	0.086 F	7/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/24	100
	Trichloroethene	SW8260B	1.0	11/10/2002	1.2 F	11/10/2002	1.2 F	1/23	5
	Vinyl chloride	SW8260B	1.1	06/16/2003	0.052 F	06/16/2003	0.052 F	1/19	2
	Arsenic	SW6020	20	03/25/2003	1.5 F	06/13/2005	0.38 F	4/0	10
	Barium	SW6010B	5.0	06/16/2003	30	06/13/2005	17	4/0	2000
	Cadmium	SW6020/SW6010B	2.0/7.0	09/25/2007	1.8 F	09/07/2010	0.60 F	2/11	5
	Chromium	SW6010B	10	06/12/2014	1.5 F	09/08/2014	1.1 F	3/9	100
	Copper	SW6010B	10	03/25/2003	1.8 F	06/16/2003	1.7 F	2/2	1300
	Mercury	SW7470A	1.0	06/13/2005	0.054 F	06/16/2003	0.038 F	2/10	2
	Nickel	SW6010B	10					0/5	-- [6]
	Lead	SW6020	2.0	06/13/2005	0.32 F	06/17/2004	0.14 F	3/11	15
	Zinc	SW6010B	50	06/16/2003	5.0 F	06/13/2005	4.7 F	2/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW1-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2	09/10/2002	0.045 F	09/10/2002	0.045 F	1/63	7
	Bromodichloromethane	SW8260B	0.8					0/43	80 [5]
	Bromoform	SW8260B	1.2					0/39	80 [5]
	Chloroform	SW8260B	0.3	07/20/2009	0.18 F	12/12/2001	0.07 F	28/15	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/27/2007	**82**	01/20/2009	7.2	64/0	70
	Dibromochloromethane	SW8260B	0.5					0/43	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/39	-- [6]
	Methylene chloride	SW8260B	2.0	03/09/2004	0.64 F	03/14/2006	0.19 F	6/37	5
	Naphthalene	SW8260B	1.0					0/38	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/27/2007	**50**	01/20/2009	2.5	64/0	5
	Toluene	SW8260B	1.1	03/20/2003	5.2 J	03/20/2003	5.2 J	1/38	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/27/2007	2.9	12/10/2003	0.13 F	55/10	100
	Trichloroethene	SW8260B	1.0	07/27/2007	**68**	01/20/2009	**9.4**	64/0	5
	Vinyl chloride	SW8260B	1.1	04/27/2011	0.29 F	03/20/2003	0.032 F	2/62	2
	Arsenic	SW6010B/SW6020	30/20	04/21/2008	**16**	06/17/2004	0.26 F	10/22	10
	Barium	SW6010B	5.0	10/29/2009	38	01/25/2006	29	22/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/07/2010	1.1 F	09/10/2002	0.027 F	4/37	5
	Chromium	SW6010B	10	03/17/2009	100	06/17/2013	1.1 F	28/11	100
	Copper	SW6010B	10	01/21/2008	2.9 F	06/19/2003	1.4 F	6/16	1300
	Mercury	SW7470A	1.0	01/25/2006	0.24	10/20/2010	0.06 F	8/31	2
	Nickel	SW6010B	10	09/25/2007	66	09/13/2001	2.0 F	22/2	-- [6]
	Lead	SW6010B/SW6020	25/2.0	12/14/2011	8.6 F	06/17/2004	0.091 F	8/33	15
	Zinc	SW6010B	50	09/10/2002	81	01/18/2010	2.9 F	16/7	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW2-CC									
	Dichloroethene, 1,1-	SW8260B	1.2					0/16	7
	Bromodichloromethane	SW8260B	0.8					0/10	80 [5]
	Bromoform	SW8260B	1.2					0/10	80 [5]
	Chloroform	SW8260B	0.3					0/10	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/20	70
	Dibromochloromethane	SW8260B	0.5					0/10	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/10	-- [6]
	Methylene chloride	SW8260B	2.0	03/09/2004	0.75 F	09/15/2003	0.36 F	3/7	5
	Naphthalene	SW8260B	1.0					0/10	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/20	5
	Toluene	SW8260B	1.1	09/07/2005	2.7	06/17/2004	0.11 F	9/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/20	100
	Trichloroethene	SW8260B	1.0					0/20	5
	Vinyl chloride	SW8260B	1.1					0/16	2
	Arsenic	SW6020	20	06/08/2005	0.46 F	06/17/2004	0.30 F	3/0	10
	Barium	SW6010B	5.0	06/17/2003	37	06/08/2005	17	3/0	2000
	Cadmium	SW6020	2.0	09/25/2007	0.50 F	09/25/2007	0.50 F	1/8	5
	Chromium	SW6010B	10	09/16/2010	3.0 F	06/16/2014	1.5 F	2/6	100
	Copper	SW6010B	10	06/17/2003	1.1 F	06/17/2003	1.1 F	1/2	1300
	Mercury	SW7470A	1.0	06/17/2003	0.037 F	06/17/2003	0.037 F	1/7	2
	Nickel	SW6010B	10	09/25/2007	11	06/08/2005	2.6 F	2/2	-- [6]
	Lead	SW6020	2.0	09/25/2007	2.5	06/08/2005	0.20 F	2/7	15
	Zinc	SW6010B	50	06/17/2003	27	06/08/2005	11 F	2/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW2-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/39	7
	Bromodichloromethane	SW8260B	0.8					0/19	80 [5]
	Bromoform	SW8260B	1.2					0/15	80 [5]
	Chloroform	SW8260B	0.3					0/19	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	09/13/2001	4.6	03/04/2014	0.50 F	39/0	70
	Dibromochloromethane	SW8260B	0.5					0/19	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/15	-- [6]
	Methylene chloride	SW8260B	2.0	03/09/2004	0.78 F	03/14/2006	0.24 F	4/15	5
	Naphthalene	SW8260B	1.0					0/15	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/13/2001	**13**	09/25/2007	0.11 F	18/21	5
	Toluene	SW8260B	1.1	03/09/2004	8.1	09/10/2002	0.071 F	15/0	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	09/13/2001	0.19 F	06/17/2003	0.04 F	6/32	100
	Trichloroethene	SW8260B	1.0	09/13/2001	**9.4**	03/11/2008	0.06 F	18/21	5
	Vinyl chloride	SW8260B	1.1	03/20/2003	0.032 F	03/20/2003	0.032 F	1/38	2
	Arsenic	SW6020	20	06/17/2003	4.0 F	03/14/2002	0.53 F	5/3	10
	Barium	SW6010B	5.0	01/25/2006	220	03/14/2002	35	8/0	2000
	Cadmium	SW6020	2.0	09/25/2007	1.0 F	06/08/2005	0.05 F	5/21	5
	Chromium	SW6010B	10	09/16/2010	2.0 F	09/04/2013	1.1 F	5/19	100
	Copper	SW6010B	10	06/17/2003	2.4 F	06/17/2003	2.4 F	1/7	1300
	Mercury	SW7470A	1.0	01/25/2006	0.25	06/17/2003	0.038 F	3/21	2
	Nickel	SW6010B	10	09/13/2001	27	03/11/2008	3.0 F	9/1	-- [6]
	Lead	SW6010B/SW6020	25/2.0	12/14/2011	11 F	06/17/2004	0.18 F	7/19	15
	Zinc	SW6010B	50	06/08/2005	110	03/14/2002	6.6 F	7/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW3-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/33	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/33	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	12/17/2001	0.49 F	03/13/2002	0.20 F	6/11	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/07/2004	0.062 F	09/07/2004	0.062 F	1/32	5
	Toluene	SW8260B	1.1					0/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/33	100
	Trichloroethene	SW8260B	1.0	11/29/2004	0.21 F	09/07/2004	0.056 F	2/31	5
	Vinyl chloride	SW8260B	1.1					0/33	2
	Arsenic	SW7060A/SW6020	5.0/20	09/12/2001	2.1 F	06/07/2005	0.44 F	5/1	10
	Barium	SW6010B	5.0	09/12/2001	29 J	06/20/2003	27	6/0	2000
	Cadmium	SW6020	2.0	10/01/2007	0.30 F	06/20/2003	0.081 F	2/18	5
	Chromium	SW6010B	10	06/14/2011	7.0 F	12/16/2009	2.0 F	7/11	100
	Copper	SW6010B	10					0/6	1300
	Mercury	SW7470A	1.0					0/18	2
	Nickel	SW6010B	10	10/01/2007	6.0 F	06/07/2005	1.4 F	4/4	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/16/2008	2.4 F	06/15/2004	0.13 F	7/14	15
	Zinc	SW6010B	50	09/12/2001	55	06/15/2004	20 F	6/0	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW4-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/28	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	03/21/2003	0.22 F	06/18/2002	0.11 F	12/16	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	09/09/2004	0.57 F	12/10/2003	0.33 M	4/13	5
	Naphthalene	SW8260B	1.0	03/21/2003	0.86	03/21/2003	0.86	1/9	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/10/2013	0.37 F	06/23/2003	0.061 F	7/21	5
	Toluene	SW8260B	1.1	03/21/2003	2.5 J	03/21/2003	2.5 J	1/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/28	100
	Trichloroethene	SW8260B	1.0	12/09/2009	0.17 F	06/23/2003	0.044 F	8/20	5
	Vinyl chloride	SW8260B	1.1	03/21/2003	0.051 F	03/21/2003	0.051 F	1/27	2
	Arsenic	SW6020/SW7060A	20/5.0	06/23/2003	2.0 F	12/12/2001	0.90 F	7/0	10
	Barium	SW6010B	5.0	06/08/2005	54	09/13/2001	42 J	7/0	2000
	Cadmium	SW6020	2.0	09/27/2007	0.70 F	03/14/2002	0.032 F	2/15	5
	Chromium	SW6010B	10	03/17/2009	3.0 F	09/17/2010	2.0 F	3/12	100
	Copper	SW6010B	10					0/7	1300
	Mercury	SW7470A	1.0	06/08/2005	0.045 F	06/08/2005	0.045 F	1/14	2
	Nickel	SW6010B	10	03/14/2002	14	06/08/2005	2.7 F	7/2	-- [6]
	Lead	SW6020	2.0	09/27/2007	1.0 F	03/14/2002	0.15 F	3/14	15
	Zinc	SW6010B	50	06/08/2005	18 F	06/18/2002	5.5 F	4/3	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW5-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/33	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	03/13/2012	2.9	09/11/2002	0.46 F	32/1	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	09/09/2004	0.55 F	03/21/2002	0.22 F	4/13	5
	Naphthalene	SW8260B	1.0					0/10	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/08/2011	1.9	09/11/2002	0.32 F	31/2	5
	Toluene	SW8260B	1.1	03/17/2003	0.077 F	12/11/2003	0.068 F	2/9	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	03/17/2003	0.08 F	06/18/2002	0.041 F	6/27	100
	Trichloroethene	SW8260B	1.0	03/08/2011	3.6	09/11/2002	0.40 F	33/1	5
	Vinyl chloride	SW8260B	1.1					0/33	2
	Arsenic	SW6020	20	03/21/2002	4.5 F	06/16/2004	1.7 F	7/0	10
	Barium	SW6010B	5.0	12/12/2001	32	03/21/2002	6.1	7/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/09/2010	1.0 F	03/21/2002	0.022 F	4/17	5
	Chromium	SW6010B	10	12/17/2012	6.0 F	06/16/2014	1.1 F	5/14	100
	Copper	SW6010B	10					0/7	1300
	Mercury	SW7470A	1.0					0/19	2
	Nickel	SW6010B	10	06/18/2002	29 J	03/11/2008	7.0 F	9/0	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/11/2008	5.0 F	06/16/2004	0.094 F	8/13	15
	Zinc	SW6010B	50	09/12/2001	59	06/16/2004	9.5 F	7/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW6-BS									
	Dichloroethene, 1,1-	SW8260B	1.2					0/23	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	03/18/2003	0.14 F	03/18/2003	0.14 F	1/22	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	03/08/2004	0.82 F	06/20/2002	0.25 F	5/12	5
	Naphthalene	SW8260B	1.0	03/18/2003	0.23 F	09/16/2003	0.12 F	2/8	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/23	5
	Toluene	SW8260B	1.1	03/18/2003	1.9 B	06/18/2003	0.076 F	5/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/23	100
	Trichloroethene	SW8260B	1.0					0/23	5
	Vinyl chloride	SW8260B	1.1					0/23	2
	Arsenic	SW6020	20	06/21/2004	5.6 F	06/20/2002	2.5 F	7/0	10
	Barium	SW6010B	5.0	06/09/2005	39	06/20/2002	17	7/0	2000
	Cadmium	SW7131A	1.0					0/13	5
	Chromium	SW6010B	10	06/15/2011	4.0 F	12/13/2012	2.0 F	3/9	100
	Copper	SW6010B	10	09/13/2001	4.0 F	09/13/2001	4.0 F	1/6	1300
	Mercury	SW7470A	1.0	12/13/2001	0.20 F	12/13/2001	0.20 F	1/11	2
	Nickel	SW6010B	10					0/8	-- [6]
	Lead	SW6020	2.0	06/09/2005	0.11 F	06/09/2005	0.11 F	1/12	15
	Zinc	SW6010B	50	06/21/2004	22 F	06/20/2002	3.7 F	3/4	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW6-CC									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	03/18/2003	0.23 F	03/18/2003	0.23 F	1/22	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	03/08/2004	0.85 F	06/20/2002	0.28 F	5/12	5
	Naphthalene	SW8260B	1.0	03/18/2003	0.23 F	03/18/2003	0.23 F	1/10	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/22	5
	Toluene	SW8260B	1.1	03/18/2003	2.6 B	09/10/2004	0.11 F	2/9	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/22	100
	Trichloroethene	SW8260B	1.0	03/18/2003	0.09 F	03/18/2003	0.09 F	1/22	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW7060A/SW6020	5.0/20	09/13/2001	2.8 F	06/18/2003	0.97 F	7/0	10
	Barium	SW6010B	5.0	06/09/2005	38	09/13/2001	34 J	7/0	2000
	Cadmium	SW6020	2.0	10/02/2007	0.40 F	06/18/2003	0.083 F	2/10	5
	Chromium	SW6010B	10	06/19/2014	3.6 F	01/14/2013	1.3 F	2/9	100
	Copper	SW6010B	10	09/13/2001	6.0 F	09/13/2001	6.0 F	1/6	1300
	Mercury	SW7470A	1.0	12/13/2001	0.20 F	12/13/2001	0.20 F	1/10	2
	Nickel	SW6010B	10	09/13/2001	6.0 F	06/09/2005	1.4 F	3/6	-- [6]
	Lead	SW7421/SW6020	5.0/2.0	12/13/2001	1.6 F	03/12/2002	0.18 F	4/9	15
	Zinc	SW6010B	50	09/13/2001	120	06/09/2005	6.8 F	7/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW6-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/42	7
	Bromodichloromethane	SW8260B	0.8					0/18	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/18	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/42	70
	Dibromochloromethane	SW8260B	0.5					0/18	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	03/08/2004	0.84 F	06/20/2002	0.25 F	5/13	5
	Naphthalene	SW8260B	1.0	03/18/2003	0.25 F	03/18/2003	0.25 F	1/10	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/20/2012	0.25 F	04/22/2013	0.22 F	2/40	5
	Toluene	SW8260B	1.1	03/18/2003	2.2 B	12/11/2003	0.061 F	3/9	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/42	100
	Trichloroethene	SW8260B	1.0					0/42	5
	Vinyl chloride	SW8260B	1.1					0/42	2
	Arsenic	SW6010B	30	09/04/2014	2.4 F	02/13/2014	0.30 F	8/9	10
	Arsenic-Dissolved	SW6010B	30	08/31/2012	1.8 F	08/31/2012	1.8 F	1/5	10
	Barium	SW6010B	5.0	04/22/2013	44	06/18/2003	31	8/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	11/20/2013	1.0 F	10/02/2007	0.20 F	3/25	5
	Cadmium-Dissolved	SW6010B	7.0					0/6	5
	Chromium	SW6010B	10	04/22/2013	77	11/13/2014	1.5 F	15/10	100
	Chromium-Dissolved	SW6010B	10	08/31/2012	5.3	10/02/2012	1.2 F	3/3	100
	Copper	SW6010B	10	09/13/2001	6.0 F	03/20/2012	5.0	2/15	1300
	Copper-Dissolved	SW6010B	10	03/20/2012	6.4	08/31/2012	6.2	2/4	1300
	Mercury	SW7470A	1.0	02/13/2014	0.20 F	06/09/2005	0.082 F	2/23	2
	Mercury-Dissolved	SW7470A	1.0					0/6	2
	Nickel	SW6010B	10	12/13/2001	65	02/13/2014	2.0 F	16/3	-- [6]
	Nickel-Dissolved	SW6010B	10	08/31/2012	12	10/02/2012	2.2 F	5/1	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/10/2008	4.3 F	06/09/2005	0.22 F	5/23	15
	Lead-Dissolved	SW6010B	25	08/02/2012	2.9 F	08/02/2012	2.9 F	1/5	15
	Zinc	SW6010B	50	09/13/2001	26 F	06/09/2005	8.0 F	8/9	5000
	Zinc-Dissolved	SW6010B	50	08/06/2012	15 F	08/06/2012	15 F	1/5	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

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[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW7-CC									
	Dichloroethene, 1,1-	SW8260B	1.2	06/24/2002	0.33 F	09/13/2004	0.034 F	2/20	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/22	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	06/24/2002	1.8 F	12/14/2001	0.21 F	6/11	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/13/2002	0.13 F	09/13/2002	0.13 F	1/21	5
	Toluene	SW8260B	1.1	03/18/2003	2.8 B	12/15/2003	0.084 F	3/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/22	100
	Trichloroethene	SW8260B	1.0					0/22	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW7060A/SW6020	5.0/20	09/13/2001	4.2 F	06/23/2003	1.0 F	6/1	10
	Barium	SW6010B	5.0	09/17/2001	33 J	06/23/2003	25	8/0	2000
	Cadmium	SW7131A	1.0					0/12	5
	Chromium	SW6010B	10	06/24/2002	5.6 F	09/15/2010	2.0 F	4/10	100
	Copper	SW6010B	10					0/8	1300
	Mercury	SW7470A	1.0	12/14/2001	0.20 F	06/13/2005	0.052 F	3/8	2
	Nickel	SW6010B	10	09/17/2001	10	12/14/2001	2.0 F	4/5	-- [6]
	Lead	SW7421/SW6020	5.0/2.0	12/14/2001	1.2 F	06/23/2004	0.11 F	5/8	15
	Zinc	SW6010B	50	06/24/2002	57	06/23/2003	13	5/3	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW7-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/43	7
	Bromodichloromethane	SW8260B	0.8					0/18	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/18	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/43	70
	Dibromochloromethane	SW8260B	0.5					0/18	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	12/14/2001	0.85 F	03/11/2004	0.20 M	6/12	5
	Naphthalene	SW8260B	1.0	03/18/2003	0.32 F	03/18/2003	0.32 F	1/11	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/13/2014	1.1 F	06/23/2003	0.053 F	21/22	5
	Toluene	SW8260B	1.1	03/18/2003	2.5 B	09/13/2004	0.094 F	3/9	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	12/15/2003	0.038 F	03/11/2004	0.037 F	2/41	5
	Vinyl chloride	SW8260B	1.1					0/43	2
	Arsenic	SW6010B/SW6020	30/20	11/13/2014	3.4 F	03/12/2002	0.50 F	8/9	10
	Arsenic-Dissolved	SW6010B	30	08/06/2012	0.60 F	08/06/2012	0.60 F	1/4	10
	Barium	SW6010B	5.0	06/23/2004	47	03/12/2002	20 J	9/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	11/20/2013	1.5 F	06/23/2003	0.078 F	3/25	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10	03/12/2009	5.0 F	06/13/2005	1.3 F	19/8	100
	Chromium-Dissolved	SW6010B	10	08/06/2012	1.3 F	08/31/2012	1.2 F	4/1	100
	Copper	SW6010B	10	09/13/2001	9.0 F	09/17/2001	4.0 F	3/16	1300
	Copper-Dissolved	SW6010B	10	03/20/2012	6.0	08/31/2012	3.1 F	2/3	1300
	Mercury	SW7470A	1.0	02/13/2014	0.20 F	06/13/2005	0.067 F	3/23	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10	09/17/2001	10	06/13/2005	1.4 F	6/14	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	5.2	08/06/2012	5.2	1/4	-- [6]
	Lead	SW6020	2.0	06/13/2005	0.51 F	06/23/2004	0.13 F	5/23	15
	Lead-Dissolved	SW6010B	25					0/5	15
	Zinc	SW6010B	50	09/13/2001	54	06/23/2004	4.4 F	12/7	5000
	Zinc-Dissolved	SW6010B	50	08/06/2012	24 F	08/31/2012	9.5 F	2/3	5000

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CS-MW8-CC									
	Dichloroethene, 1,1-	SW8260B	1.2					0/23	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/23	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	03/12/2002	0.52 F	09/16/2003	0.34 F	5/12	5
	Naphthalene	SW8260B	1.0	09/16/2003	0.34 F	09/16/2003	0.34 F	1/10	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/02/2007	0.65 F	09/13/2004	0.19 F	7/16	5
	Toluene	SW8260B	1.1	03/19/2003	3.5	09/13/2004	0.082 F	3/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/23	100
	Trichloroethene	SW8260B	1.0	12/08/2009	0.19 F	10/02/2007	0.08 F	2/21	5
	Vinyl chloride	SW8260B	1.1					0/23	2
	Arsenic	SW7060A/SW6020	5.0/20	09/13/2001	7.2 J	06/09/2005	2.4 F	7/0	10
	Barium	SW6010B	5.0	12/13/2001	42	06/19/2002	8.8	7/0	2000
	Cadmium	SW6020	2.0	10/02/2007	0.20 F	06/19/2002	0.058 F	2/11	5
	Chromium	SW6010B	10	12/20/2012	7.0 F	06/19/2014	1.7 F	3/9	100
	Copper	SW6010B	10	09/13/2001	6.0 F	06/19/2003	1.5 F	2/5	1300
	Mercury	SW7470A	1.0	06/19/2003	0.023 F	06/19/2003	0.023 F	1/11	2
	Nickel	SW6010B	10	09/13/2001	8.0 F	10/02/2007	3.0 F	2/6	-- [6]
	Lead	SW7421/SW6020	5.0/2.0	12/13/2001	1.2 F	06/23/2004	0.12 F	4/9	15
	Zinc	SW6010B	50	09/13/2001	23 F	06/19/2003	5.0 F	2/5	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW8-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/40	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	03/18/2003	0.21 F	03/18/2003	0.21 F	1/39	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	03/12/2002	0.53 F	03/12/2004	0.31 M	4/13	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/17/2014	3.3	06/19/2002	0.057 F	38/2	5
	Toluene	SW8260B	1.1	03/18/2003	2.9 B	09/13/2004	0.10 F	3/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/40	100
	Trichloroethene	SW8260B	1.0	12/08/2009	0.17 F	03/18/2003	0.032 F	4/36	5
	Vinyl chloride	SW8260B	1.1					0/40	2
	Arsenic	SW6010B/SW6020	30/20	11/13/2014	2.2 F	03/12/2002	0.50 F	8/10	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.50 F	08/30/2012	0.50 F	1/4	10
	Barium	SW6010B	5.0	09/13/2001	39 J	04/22/2013	34	8/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	11/20/2013	1.3 F	06/19/2002	0.12 F	3/23	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10	09/11/2012	6.0 F	06/17/2014	1.1 F	13/12	100
	Chromium-Dissolved	SW6010B	10	08/02/2012	11	08/02/2012	11	1/4	100
	Copper	SW6010B	10	06/19/2002	11	03/20/2012	6.0	2/15	1300
	Copper-Dissolved	SW6010B	10	08/02/2012	15	08/06/2012	4.1 F	3/2	1300
	Mercury	SW7470A	1.0	09/11/2012	0.20 F	09/11/2012	0.20 F	2/24	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10	03/12/2002	10	06/09/2005	1.7 F	4/14	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	3.7 F	08/02/2012	2.9 F	2/3	-- [6]
	Lead	SW6010B/SW6020	25/2.0	12/13/2011	8.0 F	06/21/2004	0.16 F	8/19	15
	Lead-Dissolved	SW6010B	25	08/02/2012	2.1 F	08/02/2012	2.1 F	1/4	15
	Zinc	SW6010B	50	09/13/2001	88	06/09/2005	18 F	8/9	5000
	Zinc-Dissolved	SW6010B	50	08/06/2012	17 F	03/20/2012	14 F	2/3	5000

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CS-MW9-BS									
	Dichloroethene, 1,1-	SW8260B	1.2					0/25	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/25	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	09/07/2004	0.52 F	03/13/2002	0.23 F	5/12	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/25	5
	Toluene	SW8260B	1.1	03/17/2003	0.60 F	06/20/2003	0.072 F	3/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/25	100
	Trichloroethene	SW8260B	1.0					0/25	5
	Vinyl chloride	SW8260B	1.1	03/17/2003	0.059 F	12/12/2002	0.055 F	2/23	2
	Arsenic	SW6020	20	06/15/2004	2.8 F	06/20/2003	0.94 F	6/1	10
	Barium	SW6010B	5.0	06/10/2005	79	03/13/2002	18 J	7/0	2000
	Cadmium	SW6020	2.0	09/25/2007	2.6	06/15/2004	0.033 F	2/13	5
	Chromium	SW6010B	10	09/11/2012	4.0 F	03/16/2012	3.0 F	4/10	100
	Copper	SW6010B	10					0/7	1300
	Mercury	SW7470A	1.0	09/11/2012	0.20 F	09/11/2012	0.20 F	3/11	2
	Nickel	SW6010B	10	09/25/2007	19	09/25/2007	19	1/7	-- [6]
	Lead	SW6020	2.0	09/25/2007	**110**	06/15/2004	0.20 F	10/5	15
	Zinc	SW6010B	50	06/10/2005	36 F	06/19/2002	3.3 F	6/1	5000

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW9-CC									
	Dichloroethene, 1,1-	SW8260B	1.2					0/23	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	03/17/2003	0.40 F	03/17/2003	0.40 F	1/23	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	12/14/2001	0.70 F	03/13/2002	0.24 F	5/12	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/23	5
	Toluene	SW8260B	1.1	03/17/2003	0.69 F	03/17/2003	0.69 F	1/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/23	100
	Trichloroethene	SW8260B	1.0					0/23	5
	Vinyl chloride	SW8260B	1.1					0/23	2
	Arsenic	SW6020	20	06/19/2002	1.3 F	06/15/2004	0.23 F	6/1	10
	Barium	SW6010B	5.0	06/15/2004	22	06/19/2002	18	7/0	2000
	Cadmium	SW6020	2.0	09/25/2007	0.20 F	09/25/2007	0.20 F	1/12	5
	Chromium	SW6010B	10	12/14/2001	13	06/11/2014	1.4 F	2/10	100
	Copper	SW6010B	10					0/7	1300
	Mercury	SW7470A	1.0	06/10/2005	0.08 F	06/10/2005	0.08 F	1/11	2
	Nickel	SW6010B	10	09/12/2001	3.0 F	09/12/2001	3.0 F	1/7	-- [6]
	Lead	SW6020	2.0	09/25/2007	0.20 F	06/10/2005	0.19 F	2/11	15
	Zinc	SW6010B	50	06/19/2002	40	06/20/2003	5.6 F	6/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW9-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/36	7
	Bromodichloromethane	SW8260B	0.8					0/19	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/19	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/36	70
	Dibromochloromethane	SW8260B	0.5					0/19	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0	09/07/2004	0.49 F	03/13/2002	0.22 F	4/16	5
	Naphthalene	SW8260B	1.0	03/17/2003	0.49	03/17/2003	0.49	1/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/10/2008	0.26 F	03/13/2002	0.046 F	8/28	5
	Toluene	SW8260B	1.1	03/17/2003	0.26 F	03/17/2003	0.26 F	1/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/36	100
	Trichloroethene	SW8260B	1.0	03/17/2003	0.26 F	03/17/2003	0.26 F	1/35	5
	Vinyl chloride	SW8260B	1.1					0/36	2
	Arsenic	SW6010B/SW6020	30/20	06/10/2008	5.8 F	06/15/2004	0.35 F	9/2	10
	Barium	SW6010B	5.0	09/12/2001	42 J	03/17/2008	29	11/0	2000
	Cadmium	SW6020	2.0	09/25/2007	0.40 F	06/19/2002	0.044 F	2/21	5
	Chromium	SW6010B	10	09/19/2013	**240**	06/10/2010	2.0 F	13/9	100
	Copper	SW6010B	10					0/11	1300
	Mercury	SW7470A	1.0	06/10/2008	0.40 F	03/17/2008	0.058 F	3/19	2
	Nickel	SW6010B	10	06/10/2005	52	06/10/2008	6.0 F	12/0	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/16/2008	3.8 F	06/15/2004	0.082 F	7/16	15
	Zinc	SW6010B	50	06/10/2005	18 F	06/15/2004	4.6 F	9/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW10-CC									
	Dichloroethene, 1,1-	SW8260B	1.2					0/21	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/21	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0	03/12/2004	0.68 M	09/16/2004	0.28 F	4/13	5
	Naphthalene	SW8260B	1.0	03/20/2003	0.23 F	03/20/2003	0.23 F	1/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/10/2013	0.18 F	09/13/2002	0.058 F	2/19	5
	Toluene	SW8260B	1.1	03/20/2003	2.1 J	09/16/2004	0.062 F	3/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/20	100
	Trichloroethene	SW8260B	1.0	12/08/2009	0.18 F	12/08/2009	0.18 F	1/20	5
	Vinyl chloride	SW8260B	1.1					0/21	2
	Arsenic	SW7060A/SW6020	5.0/20	12/13/2001	5.8	06/23/2004	2.1 F	6/1	10
	Barium	SW6010B	5.0	09/26/2001	77 J	06/18/2002	24	7/0	2000
	Cadmium	SW6020	2.0	10/02/2007	0.40 F	06/18/2002	0.034 F	2/9	5
	Chromium	SW6010B	10	09/26/2001	7.0 F	06/18/2003	3.5 F	2/8	100
	Copper	SW6010B	10	09/26/2001	10	09/26/2001	10	1/6	1300
	Mercury	SW7470A	1.0					0/10	2
	Nickel	SW6010B	10	09/26/2001	26	10/02/2007	3.0 F	6/2	-- [6]
	Lead	SW7421/SW6020	5.0/2.0	09/26/2001	4.8 F	06/09/2005	0.096 F	5/6	15
	Zinc	SW6010B	50	12/13/2001	60	06/18/2003	5.9 F	5/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW10-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2	03/20/2003	0.052 F	03/20/2003	0.052 F	1/26	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3	06/18/2003	0.13 F	06/23/2004	0.095 F	13/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/27	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0	03/12/2004	0.72 M	01/21/2004	0.38 F	4/13	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/26/2001	2.8	12/19/2012	0.34 F	27/0	5
	Toluene	SW8260B	1.1	03/20/2003	2.6 J	03/20/2003	2.6 J	1/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/26	100
	Trichloroethene	SW8260B	1.0	03/12/2002	0.72 F	12/19/2012	0.33 F	27/0	5
	Vinyl chloride	SW8260B	1.1					0/27	2
	Arsenic	SW7060A/SW6020	5.0/20	09/26/2001	1.7 F	03/12/2002	0.62 F	6/1	10
	Barium	SW6010B	5.0	09/26/2001	58 J	03/12/2002	26 J	7/0	2000
	Cadmium	SW7131A	1.0					0/16	5
	Chromium	SW6010B	10	12/19/2012	38	06/18/2013	1.5 F	7/8	100
	Copper	SW6010B	10	12/13/2001	14	09/26/2001	9.0 F	2/5	1300
	Mercury	SW7470A	1.0	03/20/2012	0.20 F	03/20/2012	0.20 F	1/14	2
	Nickel	SW6010B	10	09/26/2001	13	06/09/2005	1.4 F	3/5	-- [6]
	Lead	SW6010B/SW6020	25/2.0	12/13/2011	9.6 F	06/23/2004	0.19 F	7/10	15
	Zinc	SW6010B	50	09/26/2001	79	06/18/2002	5.0 F	6/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW11A-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/32	7
	Bromodichloromethane	SW8260B	0.8					0/11	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/11	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/37	70
	Dibromochloromethane	SW8260B	0.5					0/11	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	09/13/2004	0.41 F	03/17/2006	0.22 F	4/7	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/15/2009	1.6	12/15/2003	0.17 F	32/5	5
	Toluene	SW8260B	1.1	03/31/2003	3.9	09/13/2004	0.09 F	6/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/37	100
	Trichloroethene	SW8260B	1.0	12/08/2009	0.20 F	12/08/2009	0.20 F	1/36	5
	Vinyl chloride	SW8260B	1.1					0/32	2
	Arsenic	SW6020	20	06/17/2003	0.67 F	06/23/2004	0.55 F	3/0	10
	Barium	SW6010B	5.0	06/23/2004	35	06/16/2005	30	3/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/09/2010	1.1 F	09/27/2007	0.40 F	3/19	5
	Chromium	SW6010B	10	06/16/2011	49	06/18/2013	1.5 F	12/8	100
	Copper	SW6010B	10	06/17/2003	1.7 F	06/17/2003	1.7 F	1/2	1300
	Mercury	SW7470A	1.0	09/11/2012	0.20 F	06/17/2003	0.031 F	2/18	2
	Nickel	SW6010B	10	09/27/2007	5.0 F	03/12/2008	2.0 F	4/1	-- [6]
	Lead	SW6010B/SW6020	25/2.0	12/13/2011	8.2 F	06/23/2004	0.12 F	4/18	15
	Zinc	SW6010B	50	06/17/2003	44	06/23/2004	5.3 F	3/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW11B-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/12	7
	Bromodichloromethane	SW8260B	0.8					0/8	80 [5]
	Bromoform	SW8260B	1.2					0/8	80 [5]
	Chloroform	SW8260B	0.3					0/8	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/16	70
	Dibromochloromethane	SW8260B	0.5					0/8	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/8	-- [6]
	Methylene chloride	SW8260B	2.0	09/13/2004	0.39 F	09/15/2003	0.35 F	2/6	5
	Naphthalene	SW8260B	1.0					0/8	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/15/2005	1.5	05/26/2004	0.83 F	12/4	5
	Toluene	SW8260B	1.1	04/08/2003	300	06/17/2003	0.10 F	2/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/16	100
	Trichloroethene	SW8260B	1.0					0/16	5
	Vinyl chloride	SW8260B	1.1					0/12	2
	Arsenic	SW6020	20	06/14/2005	0.48 F	06/17/2003	0.34 F	3/0	10
	Barium	SW6010B	5.0	05/26/2004	36	06/14/2005	32	3/0	2000
	Cadmium	SW6010B	7.0	09/09/2010	1.0 F	09/09/2010	1.0 F	2/5	5
	Chromium	SW6010B	10	09/09/2010	24	06/14/2005	2.1 F	4/1	100
	Copper	SW6010B	10	06/17/2003	1.8 F	06/17/2003	1.8 F	1/2	1300
	Mercury	SW7470A	1.0	06/14/2005	0.06 F	05/26/2004	0.026 F	3/2	2
	Nickel	SW6010B	10	03/12/2008	13	09/27/2007	7.0 F	4/1	-- [6]
	Lead	SW6010B/SW6020	25/2.0	03/12/2008	2.1 F	05/26/2004	0.15 F	5/2	15
	Zinc	SW6010B	50	05/26/2004	21 F	06/14/2005	6.7 F	3/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW12-BS									
	Dichloroethene, 1,1-	SW8260B	1.2	03/21/2003	0.032 F	03/21/2003	0.032 F	1/17	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/18	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	09/09/2004	0.68 F	06/21/2004	0.23 F	4/8	5
	Naphthalene	SW8260B	1.0	06/16/2003	0.36 F	03/09/2004	0.23 F	8/4	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/18	5
	Toluene	SW8260B	1.1	03/21/2003	2.8 J	06/21/2004	0.16 F	8/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/18	100
	Trichloroethene	SW8260B	1.0					0/18	5
	Vinyl chloride	SW8260B	1.1	12/07/2004	0.32 F	03/21/2003	0.096 F	11/7	2
	Arsenic	SW6020	20	06/16/2003	3.0 F	06/14/2005	1.1 F	4/0	10
	Barium	SW6010B	5.0	06/21/2004	17	12/16/2002	6.9	4/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/10/2010	0.80 F	12/16/2002	0.045 F	3/7	5
	Chromium	SW6010B	10	12/17/2012	4.0 F	06/10/2011	3.0 F	2/7	100
	Copper	SW6010B	10	06/16/2003	1.3 F	06/16/2003	1.3 F	1/3	1300
	Mercury	SW7470A	1.0	06/14/2005	0.049 F	06/16/2003	0.032 F	2/7	2
	Nickel	SW6010B	10	06/16/2003	11	09/27/2007	3.0 F	5/0	-- [6]
	Lead	SW6010B/SW6020	25/2.0	06/10/2011	2.0 F	06/14/2005	0.28 F	2/8	15
	Zinc	SW6010B	50	06/16/2003	18	06/14/2005	8.8 F	3/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW12-CC									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/21	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	09/09/2004	0.66 F	09/18/2003	0.42 F	3/9	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/21	5
	Toluene	SW8260B	1.1	12/08/2003	6.6	09/07/2005	0.19 F	12/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/21	100
	Trichloroethene	SW8260B	1.0					0/21	5
	Vinyl chloride	SW8260B	1.1	12/08/2003	0.14 F	12/08/2003	0.14 F	1/16	2
	Arsenic	SW6020	20	12/16/2002	**11**	06/16/2005	1.4 F	4/0	10
	Barium	SW6010B	5.0	12/16/2002	97	06/21/2004	35	4/0	2000
	Cadmium	SW6020	2.0	12/16/2002	0.079 F	12/16/2002	0.079 F	1/8	5
	Chromium	SW6010B	10	12/17/2012	3.0 F	12/16/2002	1.1 F	4/4	100
	Copper	SW6010B	10	06/16/2003	1.8 F	06/16/2003	1.8 F	1/3	1300
	Mercury	SW7470A	1.0	06/16/2003	0.04 F	06/16/2003	0.04 F	1/7	2
	Nickel	SW6010B	10	12/16/2002	23	06/16/2005	2.9 F	2/3	-- [6]
	Lead	SW6020	2.0	06/16/2005	0.55 F	12/16/2002	0.37 F	2/7	15
	Zinc	SW6010B	50	06/16/2005	72	12/16/2002	18	3/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW12-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/23	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/27	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	09/09/2004	0.70 F	09/18/2003	0.36 F	3/9	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/27	5
	Toluene	SW8260B	1.1	03/21/2003	1.4 J	09/09/2004	0.12 F	2/14	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/27	100
	Trichloroethene	SW8260B	1.0					0/27	5
	Vinyl chloride	SW8260B	1.1					0/23	2
	Arsenic	SW6020	20	12/16/2002	0.71 F	06/16/2003	0.46 F	4/0	10
	Barium	SW6010B	5.0	06/21/2004	37	12/16/2002	32	4/0	2000
	Cadmium	SW6010B	7.0	09/10/2010	0.60 F	09/10/2010	0.60 F	1/13	5
	Chromium	SW6010B	10	12/17/2012	5.0 F	12/16/2002	1.3 F	6/8	100
	Copper	SW6010B	10	06/16/2003	2.2 F	06/16/2003	2.2 F	1/3	1300
	Mercury	SW7470A	1.0	06/14/2005	0.049 F	06/16/2003	0.035 F	2/11	2
	Nickel	SW6010B	10	12/13/2007	35	06/14/2005	2.5 F	4/1	-- [6]
	Lead	SW6010B/SW6020	25/2.0	06/10/2011	2.7 F	06/14/2005	0.09 F	5/9	15
	Zinc	SW6010B	50	12/16/2002	96	06/14/2005	8.2 F	4/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW16-CC									
	Dichloroethene, 1,1-	SW8260B	1.2	07/27/2007	1.0 F	09/05/2013	0.13 F	32/20	7
	Bromodichloromethane	SW8260B	0.8					0/36	80 [5]
	Bromoform	SW8260B	1.2	08/10/2006	0.37 F	08/10/2006	0.37 F	1/35	80 [5]
	Chloroform	SW8260B	0.3	08/10/2006	0.52	08/10/2006	0.52	1/35	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	06/04/2003	**140**	10/07/2013	15	73/0	70
	Dibromochloromethane	SW8260B	0.5					0/36	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/36	-- [6]
	Methylene chloride	SW8260B	2.0	09/16/2003	**8.3** F	09/08/2004	0.55 F	4/32	5
	Naphthalene	SW8260B	1.0					0/36	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/05/2004	**64**	10/07/2013	0.34 F	69/4	5
	Toluene	SW8260B	1.1	03/14/2006	160	01/21/2008	0.35 F	9/48	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	09/12/2006	34	04/21/2003	0.29 F	71/2	100
	Trichloroethene	SW8260B	1.0	07/23/2003	**130**	10/08/2014	**5.6**	73/0	5
	Vinyl chloride	SW8260B	1.1	09/16/2003	1.3 F	09/08/2004	0.19 F	13/39	2
	Arsenic	SW6010B	30	04/21/2008	**13**	07/21/2011	0.30 F	14/17	10
	Barium	SW6010B	5.0	08/10/2006	29	01/26/2006	9.5	21/0	2000
	Cadmium	SW6010B	7.0	10/20/2010	0.43 F	10/20/2010	0.43 F	1/34	5
	Chromium	SW6010B	10	12/17/2012	6.0 F	09/05/2013	1.4 F	4/29	100
	Copper	SW6010B	10	10/15/2007	53	07/20/2009	1.2 F	15/6	1300
	Mercury	SW7470A	1.0	01/26/2006	0.17 F	10/20/2010	0.05 F	9/23	2
	Nickel	SW6010B	10	04/20/2009	15	01/26/2006	0.98 F	20/3	-- [6]
	Lead	SW6010B/SW6020	25/2.0	04/20/2009	**38**	09/16/2003	0.32 F	15/20	15
	Zinc	SW6010B	50	08/10/2006	4600	10/20/2010	9.0 F	20/1	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW16-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2	03/21/2003	0.052 F	09/08/2004	0.04 F	3/59	7
	Bromodichloromethane	SW8260B	0.8					0/46	80 [5]
	Bromoform	SW8260B	1.2					0/41	80 [5]
	Chloroform	SW8260B	0.3	04/26/2011	0.21 F	06/16/2004	0.054 F	24/22	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/26/2011	**310**	09/08/2005	5.2	62/0	70
	Dibromochloromethane	SW8260B	0.5					0/46	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/41	-- [6]
	Methylene chloride	SW8260B	2.0	09/08/2004	0.54 F	03/14/2006	0.21 F	7/39	5
	Naphthalene	SW8260B	1.0	10/11/2006	3.8 F	10/11/2006	3.8 F	1/39	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/26/2011	**240**	09/08/2005	**7.6**	62/0	5
	Toluene	SW8260B	1.1	03/21/2003	5.6 J	09/09/2002	0.45 F	2/39	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/20/2009	12	03/11/2004	0.047 M	52/13	100
	Trichloroethene	SW8260B	1.0	09/08/2010	**290**	09/08/2005	**7.0**	62/0	5
	Vinyl chloride	SW8260B	1.1	10/16/2012	0.40 F	10/16/2012	0.40 F	1/61	2
	Arsenic	SW6010B/SW6020	30/20	04/21/2008	**15**	06/16/2004	0.27 F	13/22	10
	Barium	SW6010B	5.0	09/28/2009	46	10/27/2008	32	25/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	01/21/2008	1.9 F	06/18/2002	0.028 F	8/31	5
	Chromium	SW6010B	10	12/17/2012	4.0 F	09/09/2002	0.85 F	6/31	100
	Copper	SW6010B	10	04/21/2008	120	06/19/2003	1.2 F	16/9	1300
	Mercury	SW7470A	1.0	07/21/2008	0.16 F	10/15/2007	0.063 F	8/28	2
	Nickel	SW6010B	10	01/27/2006	9.0 F	10/15/2007	0.84 F	8/19	-- [6]
	Lead	SW6010B/SW6020	25/2.0	03/08/2011	**16** F	06/16/2004	0.24 F	19/20	15
	Zinc	SW6010B	50	10/11/2006	1000	10/20/2010	19 F	25/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW17-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2	09/12/2002	0.055 F	09/12/2002	0.055 F	1/20	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/21	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	09/19/2003	0.82 F	03/21/2003	0.25 F	5/8	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/14/2013	0.50 F	09/12/2002	0.083 F	20/1	5
	Toluene	SW8260B	1.1	03/21/2003	3.6 J	09/19/2003	0.071 F	4/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/21	100
	Trichloroethene	SW8260B	1.0	09/07/2004	0.067 F	09/07/2004	0.067 F	1/20	5
	Vinyl chloride	SW8260B	1.1					0/21	2
	Arsenic	SW6020	20	06/23/2003	0.81 F	06/15/2004	0.41 F	4/0	10
	Barium	SW6010B	5.0	09/12/2002	37	06/23/2003	31	4/0	2000
	Cadmium	SW6020	2.0	06/23/2003	0.066 F	09/12/2002	0.023 F	2/9	5
	Chromium	SW6010B	10	06/11/2014	9.7 F	06/07/2005	1.0 F	8/3	100
	Copper	SW6010B	10	09/12/2002	2.9 F	09/12/2002	2.9 F	1/3	1300
	Mercury	SW7470A	1.0					0/10	2
	Nickel	SW6010B	10	09/12/2002	150	12/11/2007	4.0 F	5/0	-- [6]
	Lead	SW6020	2.0	09/12/2002	0.96 F	06/07/2005	0.092 F	2/9	15
	Zinc	SW6010B	50	09/12/2002	270	06/07/2005	10 F	3/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW18-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/25	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	06/23/2003	1.7 F	09/24/2003	0.37 F	4/9	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/10/2013	0.21 F	09/10/2004	0.052 F	2/24	5
	Toluene	SW8260B	1.1	03/18/2003	3.6 B	09/10/2004	0.09 F	8/7	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/25	100
	Trichloroethene	SW8260B	1.0	03/18/2003	0.097 F	03/18/2003	0.097 F	1/24	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6020	20	06/14/2005	0.78 F	06/17/2004	0.41 F	4/0	10
	Barium	SW6010B	5.0	06/23/2003	230	09/12/2002	39	4/0	2000
	Cadmium	SW6020/SW6010B	2.0/7.0	10/02/2007	0.90 F	09/10/2010	0.70 F	2/10	5
	Chromium	SW6010B	10	03/09/2011	39	01/10/2013	2.0 F	3/8	100
	Copper	SW6010B	10	09/12/2002	4.5 F	09/12/2002	4.5 F	1/3	1300
	Mercury	SW7470A	1.0	06/14/2005	0.056 F	06/14/2005	0.056 F	1/9	2
	Nickel	SW6010B	10	09/12/2002	15	06/23/2003	6.6 F	6/0	-- [6]
	Lead	SW6010B/SW6020	25/2.0	03/12/2008	2.2 F	06/14/2005	0.18 F	3/9	15
	Zinc	SW6010B	50	09/12/2002	44	06/14/2005	6.9 F	2/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW19-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2	03/20/2003	0.032 F	03/20/2003	0.032 F	1/29	7
	Bromodichloromethane	SW8260B	0.8					0/14	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/14	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/33	70
	Dibromochloromethane	SW8260B	0.5					0/14	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0	12/16/2002	3.3	12/10/2003	0.30 F	7/7	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/11/2009	0.69 F	12/16/2002	0.14 F	29/4	5
	Toluene	SW8260B	1.1	08/06/2002	33	09/16/2004	0.066 F	6/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/33	100
	Trichloroethene	SW8260B	1.0					0/33	5
	Vinyl chloride	SW8260B	1.1	03/20/2003	0.053 F	03/20/2003	0.053 F	1/29	2
	Arsenic	SW6020	20	06/16/2005	0.68 F	09/12/2002	0.51 F	4/0	10
	Barium	SW6010B	5.0	06/16/2005	39	06/23/2003	34	4/0	2000
	Cadmium	SW6020	2.0	09/27/2007	0.60 F	09/12/2002	0.028 F	2/16	5
	Chromium	SW6010B	10	12/11/2012	3.0 F	06/16/2014	1.5 F	9/7	100
	Copper	SW6010B	10	09/12/2002	8.6 F	09/12/2002	8.6 F	1/3	1300
	Mercury	SW7470A	1.0	03/19/2012	0.20 F	03/19/2012	0.20 F	1/15	2
	Nickel	SW6010B	10	09/27/2007	130	09/12/2002	11	6/0	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/11/2008	3.7 F	06/16/2005	0.10 F	4/15	15
	Zinc	SW6010B	50	09/12/2002	390	06/16/2004	15 F	4/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW20-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/22	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/10/2009	2.3	03/18/2009	0.97 F	22/1	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/22	100
	Trichloroethene	SW8260B	1.0	12/10/2009	0.17 F	12/10/2009	0.17 F	1/21	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6020	20	06/06/2007	0.92 F	12/12/2007	0.35 F	4/1	10
	Barium	SW6010B	5.0	10/01/2007	150	06/06/2007	130	5/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/15/2008	0.80 F	03/13/2008	0.21 F	2/19	5
	Chromium	SW6010B	10	06/18/2014	3.8 F	09/16/2013	1.1 F	7/14	100
	Copper	SW6010B	10					0/5	1300
	Mercury	SW7470A	1.0					0/21	2
	Nickel	SW6010B	10	06/06/2007	20	06/06/2007	20	1/4	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/15/2008	2.9 F	03/13/2008	0.19 F	7/14	15
	Zinc	SW6010B	50	06/06/2007	65	03/13/2008	8.0 F	5/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW21-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/27	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/27	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/27	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/27	100
	Trichloroethene	SW8260B	1.0	12/10/2009	0.15 F	12/10/2009	0.15 F	1/26	5
	Vinyl chloride	SW8260B	1.1					0/27	2
	Arsenic	SW6020	20	06/07/2007	3.8 F	12/12/2007	0.54 F	4/1	10
	Barium	SW6010B	5.0	06/24/2008	91	06/07/2007	81	5/0	2000
	Cadmium	SW6020	2.0					0/23	5
	Chromium	SW6010B	10	09/17/2010	2.0 F	03/09/2010	1.5 F	4/19	100
	Copper	SW6010B	10					0/5	1300
	Mercury	SW7470A	1.0					0/23	2
	Nickel	SW6010B	10	06/24/2008	2.0 F	06/24/2008	2.0 F	1/4	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/15/2008	3.2 F	12/12/2007	0.21 F	6/17	15
	Zinc	SW6010B	50	06/07/2007	470	06/24/2008	140	5/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW22-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	Bromodichloromethane	SW8260B	0.8					0/2	80 [5]
	Bromoform	SW8260B	1.2					0/2	80 [5]
	Chloroform	SW8260B	0.3					0/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/22	70
	Dibromochloromethane	SW8260B	0.5					0/2	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/2	-- [6]
	Methylene chloride	SW8260B	2.0					0/2	5
	Naphthalene	SW8260B	1.0					0/2	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/22	5
	Toluene	SW8260B	1.1	11/09/2006	18	11/09/2006	18	1/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/22	100
	Trichloroethene	SW8260B	1.0	12/10/2009	0.28 F	12/10/2009	0.28 F	1/21	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6020	20	10/01/2007	5.6 F	12/13/2007	2.4 F	4/1	10
	Barium	SW6010B	5.0	10/01/2007	93	12/13/2007	63	5/0	2000
	Cadmium	SW6020	2.0	10/01/2007	0.13 F	12/13/2007	0.056 F	4/17	5
	Chromium	SW6010B	10	10/01/2007	23	03/08/2010	1.7 F	11/10	100
	Copper	SW6010B	10	06/07/2007	29	03/13/2008	13	3/2	1300
	Mercury	SW7470A	1.0	06/10/2009	0.20 F	06/07/2007	0.079 F	4/17	2
	Nickel	SW6010B	10	10/01/2007	37	06/24/2008	6.0 F	5/0	-- [6]
	Lead	SW6020/SW6010B	2.0/25	06/07/2007	**91**	06/13/2011	2.0 F	12/9	15
	Zinc	SW6010B	50	06/07/2007	**8000**	06/24/2008	1700	5/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW23-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/21	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/21	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/21	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/21	100
	Trichloroethene	SW8260B	1.0					0/21	5
	Vinyl chloride	SW8260B	1.1					0/21	2
	Arsenic	SW6020	20	06/05/2007	1.5 F	12/12/2007	0.69 F	4/1	10
	Barium	SW6010B	5.0	10/01/2007	54	03/13/2008	46	5/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/15/2008	0.60 F	10/01/2007	0.046 F	3/18	5
	Chromium	SW6010B	10	09/15/2008	4.0 F	09/16/2013	1.5 F	6/15	100
	Copper	SW6010B	10	06/05/2007	6.1 F	10/01/2007	4.6 F	2/3	1300
	Mercury	SW7470A	1.0	06/05/2007	**7.8**	06/13/2011	0.20 F	3/18	2
	Nickel	SW6010B	10	06/24/2008	**35**	06/24/2008	35	1/4	-- [6]
	Lead	SW6010B/SW6020	25/2.0	09/15/2008	7.9 F	03/13/2008	0.23 F	5/16	15
	Zinc	SW6010B	50	06/05/2007	590	03/13/2008	100	5/0	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW24-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/29	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/29	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0	06/06/2007	0.30 F	06/06/2007	0.30 F	1/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/29	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/29	100
	Trichloroethene	SW8260B	1.0					0/29	5
	Vinyl chloride	SW8260B	1.1					0/29	2
	Arsenic	SW6020	20	06/06/2007	0.88 F	03/17/2008	0.39 F	4/1	10
	Barium	SW6010B	5.0	06/24/2008	33	03/17/2008	30	5/0	2000
	Cadmium	SW6020	2.0					0/26	5
	Chromium	SW6010B	10	09/11/2012	2.0 F	09/04/2013	1.1 F	6/21	100
	Copper	SW6010B	10					0/5	1300
	Mercury	SW7470A	1.0	09/11/2012	0.20 F	03/17/2008	0.06 F	2/24	2
	Nickel	SW6010B	10	06/06/2007	11	06/06/2007	8.8 F	2/4	-- [6]
	Lead	SW6010B/SW6020	25/2.0	12/14/2011	9.6 F	12/12/2007	0.18 F	5/21	15
	Zinc	SW6010B	50	06/06/2007	220	03/17/2008	74	5/0	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW25-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/24	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/24	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0	06/05/2007	0.33 F	06/05/2007	0.33 F	1/0	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/24	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/24	100
	Trichloroethene	SW8260B	1.0					0/24	5
	Vinyl chloride	SW8260B	1.1					0/24	2
	Arsenic	SW6020	20	10/01/2007	4.4 F	03/17/2008	1.0 F	5/0	10
	Barium	SW6010B	5.0	10/01/2007	63	03/17/2008	32	5/0	2000
	Cadmium	SW6020	2.0	10/01/2007	0.16 F	03/17/2008	0.043 F	4/17	5
	Chromium	SW6010B	10	10/01/2007	**240**	12/11/2012	2.0 F	17/4	100
	Copper	SW6010B	10	10/01/2007	65	06/10/2008	4.0 F	4/1	1300
	Mercury	SW7470A	1.0	06/10/2008	0.50 F	03/17/2008	0.06 F	3/18	2
	Nickel	SW6010B	10	10/01/2007	140	06/10/2008	9.0 F	5/0	-- [6]
	Lead	SW6020/SW6010B	2.0/25	10/01/2007	**32**	03/16/2009	2.0 F	8/13	15
	Zinc	SW6010B	50	10/01/2007	2200	06/10/2008	210	5/0	5000

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[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW35-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/14	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3					0/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/14	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0					0/4	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/11/2012	2.8	03/31/2011	0.30 F	14/0	5
	Toluene	SW8260B	1.1	03/31/2011	5.4	04/01/2011	0.30 F	3/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/14	100
	Trichloroethene	SW8260B	1.0					0/14	5
	Vinyl chloride	SW8260B	1.1					0/14	2
	Arsenic	SW6010B	30	03/13/2014	2.2 F	09/15/2011	0.90 F	3/0	10
	Barium	SW6010B	5.0	09/15/2011	41	09/15/2011	41	1/0	2000
	Cadmium	SW6010B	7.0					0/11	5
	Chromium	SW6010B	10	09/15/2011	4.0 F	06/18/2014	1.7 F	7/5	100
	Copper	SW6010B	10					0/3	1300
	Mercury	SW7470A	1.0					0/11	2
	Nickel	SW6010B	10	09/15/2011	15	09/15/2011	15	1/2	-- [6]
	Lead	SW6010B	25	12/13/2011	8.4 F	06/11/2012	3.0 F	2/9	15
	Zinc	SW6010B	50	09/15/2011	100	09/15/2011	100	1/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MW36-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/27	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3	10/15/2014	0.14 F	04/08/2011	0.11 F	2/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/22/2013	2.2	12/02/2014	0.17 F	21/6	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0					0/4	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/22/2013	**31**	12/13/2011	**7.2**	27/0	5
	Toluene	SW8260B	1.1					0/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/27	100
	Trichloroethene	SW8260B	1.0	04/22/2013	**69**	06/11/2012	1.9	27/0	5
	Vinyl chloride	SW8260B	1.1					0/27	2
	Arsenic	SW6010B	30	12/02/2014	2.4 F	09/15/2011	1.4 F	3/8	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.90 F	08/06/2012	0.40 F	2/3	10
	Barium	SW6010B	5.0	04/22/2013	49	09/15/2011	35	2/0	2000
	Cadmium	SW6010B	7.0					0/16	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10	09/15/2011	7.0 F	09/09/2014	1.1 F	3/13	100
	Chromium-Dissolved	SW6010B	10	08/06/2012	2.0 F	08/16/2012	1.5 F	2/3	100
	Copper	SW6010B	10	03/19/2012	7.0	03/19/2012	7.0	1/10	1300
	Copper-Dissolved	SW6010B	10	03/19/2012	6.7	03/19/2012	6.7	1/4	1300
	Mercury	SW7470A	1.0					0/16	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10	09/15/2011	4.0 F	12/02/2014	2.0 F	4/7	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	4.6 F	08/30/2012	1.1 F	5/0	-- [6]
	Lead	SW6010B	25	12/13/2011	9.9 F	06/11/2012	2.7 F	2/14	15
	Lead-Dissolved	SW6010B	25	08/02/2012	2.4 F	08/02/2012	2.4 F	1/4	15
	Zinc	SW6010B	50	09/15/2011	29 F	12/02/2014	9.0 F	5/6	5000
	Zinc-Dissolved	SW6010B	50	03/19/2012	22 F	08/06/2012	14 F	2/3	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MWG-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/25	7
	Bromodichloromethane	SW8260B	0.8					0/16	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/25	70
	Dibromochloromethane	SW8260B	0.5					0/16	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	09/07/2004	0.47 F	12/09/2003	0.24 F	6/11	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/25	5
	Toluene	SW8260B	1.1	09/11/2002	0.06 F	09/11/2002	0.06 F	1/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/25	100
	Trichloroethene	SW8260B	1.0					0/25	5
	Vinyl chloride	SW8260B	1.1					0/25	2
	Arsenic	SW7060A/SW6020	5.0/20	09/12/2001	0.90 F	12/11/2007	0.23 F	8/1	10
	Barium	SW6010B	5.0	09/12/2001	25 J	06/16/2003	19	9/0	2000
	Cadmium	SW6010B/SW6020	7.0/2.0	09/16/2008	0.60 F	06/19/2002	0.038 F	4/12	5
	Chromium	SW6010B	10	06/16/2003	2.6 F	06/07/2005	1.2 F	4/12	100
	Copper	SW6010B	10	09/12/2001	20	06/16/2003	2.4 F	3/6	1300
	Mercury	SW7470A	1.0	06/16/2003	0.032 F	06/16/2003	0.032 F	1/15	2
	Nickel	SW6010B	10	06/07/2005	35	06/15/2004	4.4 F	3/6	-- [6]
	Lead	SW7421/SW6020	5.0/2.0	09/12/2001	**37**	06/07/2005	0.41 F	8/8	15
	Zinc	SW6010B	50	09/12/2001	260	06/15/2004	8.4 F	9/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-MWH-LGR									
	Dichloroethene, 1,1-	SW8260B	1.2					0/20	7
	Bromodichloromethane	SW8260B	0.8					0/14	80 [5]
	Bromoform	SW8260B	1.2	03/17/2003	0.10 F	03/17/2003	0.10 F	1/9	80 [5]
	Chloroform	SW8260B	0.3					0/14	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/21	70
	Dibromochloromethane	SW8260B	0.5	03/17/2003	0.03 F	03/17/2003	0.03 F	1/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/10	-- [6]
	Methylene chloride	SW8260B	2.0	09/07/2004	0.51 F	03/13/2002	0.20 F	5/9	5
	Naphthalene	SW8260B	1.0					0/10	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/21	5
	Toluene	SW8260B	1.1	09/16/2003	9.2	12/09/2003	3.3	4/7	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/21	100
	Trichloroethene	SW8260B	1.0					0/21	5
	Vinyl chloride	SW8260B	1.1					0/20	2
	Arsenic	SW6020	20	06/19/2002	1.2 F	03/17/2003	0.37 F	6/1	10
	Barium	SW6010B	5.0	09/12/2001	32 J	12/18/2001	19	7/0	2000
	Cadmium	SW7131A/SW6020	1.0/2.0	09/12/2001	1.0	03/17/2003	0.03 F	5/8	5
	Chromium	SW6010B	10	12/18/2012	22	06/11/2014	1.7 F	6/6	100
	Copper	SW6010B	10	09/12/2001	28	06/19/2002	9.2 F	2/5	1300
	Mercury	SW7470A	1.0					0/12	2
	Nickel	SW6010B	10	03/17/2003	17	09/24/2007	5.0 F	4/4	-- [6]
	Lead	SW7421/SW6020	5.0/2.0	09/12/2001	**47** J	06/15/2004	2.3	12/1	15
	Zinc	SW6010B	50	06/06/2005	2000	03/13/2002	84 J	7/0	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
BSR-03									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/4	70
	Tetrachloroethene	SW8260B	1.4					0/4	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0					0/4	5
	Vinyl chloride	SW8260B	1.1					0/4	2

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
BSR-04									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/3	70
	Tetrachloroethene	SW8260B	1.4					0/3	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/3	100
	Trichloroethene	SW8260B	1.0					0/3	5
	Vinyl chloride	SW8260B	1.1					0/3	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
FO-8									
	Dichloroethene, 1,1-	SW8260B	1.2					0/15	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3					0/5	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0	03/19/2002	0.20 F	03/19/2002	0.20 F	1/4	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1	03/10/2003	0.40 F	03/10/2003	0.40 F	1/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

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FO-17									
	Dichloroethene, 1,1-	SW8260B	1.2					0/14	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3					0/5	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/14	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0	03/19/2002	0.31 F	03/19/2002	0.31 F	1/4	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/14	5
	Toluene	SW8260B	1.1	03/10/2003	0.25 F	03/10/2003	0.25 F	1/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/14	100
	Trichloroethene	SW8260B	1.0					0/14	5
	Vinyl chloride	SW8260B	1.1					0/14	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
FO-22									
	Dichloroethene, 1,1-	SW8260B	1.2					0/14	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3					0/5	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0					0/4	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

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FO-J1									
	Dichloroethene, 1,1-	SW8260B	1.2					0/38	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/17	80 [5]
	Chloroform	SW8260B	0.3					0/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	06/12/2007	0.60 F	03/10/2003	0.20 F	5/34	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/17	-- [6]
	Methylene chloride	SW8260B	2.0	03/10/2003	2.6 B	12/20/2001	0.38 F	3/13	5
	Naphthalene	SW8260B	1.0					0/17	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/03/2009	0.57 F	06/20/2006	0.08 F	25/14	5
	Toluene	SW8260B	1.1	03/10/2003	0.74 F	03/10/2003	0.74 F	1/16	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	03/22/2005	0.25 F	12/14/2004	0.22 F	2/37	5
	Vinyl chloride	SW8260B	1.1					0/39	2

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
HS-1									
	Dichloroethene, 1,1-	SW8260B	1.2					0/21	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/21	70
	Tetrachloroethene	SW8260B	1.4	12/16/2010	0.24 F	12/12/2006	0.13 F	9/12	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/21	100
	Trichloroethene	SW8260B	1.0					0/21	5
	Vinyl chloride	SW8260B	1.1					0/21	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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HS-2									
	Dichloroethene, 1,1-	SW8260B	1.2					0/40	7
	Bromodichloromethane	SW8260B	0.8					0/19	80 [5]
	Bromoform	SW8260B	1.2					0/19	80 [5]
	Chloroform	SW8260B	0.3	03/12/2003	0.16 F	03/12/2003	0.16 F	1/19	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/41	70
	Dibromochloromethane	SW8260B	0.5					0/19	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/19	-- [6]
	Methylene chloride	SW8260B	2.0	03/23/2006	1.1 F	03/21/2002	0.31 F	3/15	5
	Naphthalene	SW8260B	1.0					0/19	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/03/2009	0.23 F	06/21/2006	0.07 F	21/20	5
	Toluene	SW8260B	1.1	03/03/2004	1.0 F	03/21/2002	0.12 F	2/17	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/41	100
	Trichloroethene	SW8260B	1.0					0/41	5
	Vinyl chloride	SW8260B	1.1					0/40	2

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HS-3									
	Dichloroethene, 1,1-	SW8260B	1.2					0/15	7
	Bromodichloromethane	SW8260B	0.8					0/6	80 [5]
	Bromoform	SW8260B	1.2					0/6	80 [5]
	Chloroform	SW8260B	0.3					0/6	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/6	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/6	-- [6]
	Methylene chloride	SW8260B	2.0	12/19/2001	0.38 F	12/19/2001	0.38 F	1/5	5
	Naphthalene	SW8260B	1.0					0/6	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1					0/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

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I10-2									
	Dichloroethene, 1,1-	SW8260B	1.2					0/29	7
	Bromodichloromethane	SW8260B	0.8					0/20	80 [5]
	Bromoform	SW8260B	1.2					0/20	80 [5]
	Chloroform	SW8260B	0.3					0/20	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/30	70
	Dibromochloromethane	SW8260B	0.5					0/20	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/20	-- [6]
	Methylene chloride	SW8260B	2.0	09/18/2002	0.83 F	12/18/2001	0.21 F	3/17	5
	Naphthalene	SW8260B	1.0					0/20	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/04/2012	0.20 F	12/05/2002	0.08 F	10/20	5
	Toluene	SW8260B	1.1					0/20	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/30	100
	Trichloroethene	SW8260B	1.0	12/04/2012	0.53 F	03/13/2003	0.06 F	8/22	5
	Vinyl chloride	SW8260B	1.1					0/30	2

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I10-4									
	Dichloroethene, 1,1-	SW8260B	1.2					0/46	7
	Bromodichloromethane	SW8260B	0.8					0/20	80 [5]
	Bromoform	SW8260B	1.2					0/20	80 [5]
	Chloroform	SW8260B	0.3					0/20	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/47	70
	Dibromochloromethane	SW8260B	0.5					0/20	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/20	-- [6]
	Methylene chloride	SW8260B	2.0	03/22/2006	1.2 F	03/21/2002	0.20 F	3/18	5
	Naphthalene	SW8260B	1.0					0/20	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/13/2010	**7.9**	12/15/2004	0.12 F	34/13	5
	Toluene	SW8260B	1.1					0/20	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/47	100
	Trichloroethene	SW8260B	1.0	08/31/2010	3.5	03/02/2010	0.21 F	30/17	5
	Vinyl chloride	SW8260B	1.1					0/46	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/5	10
	Barium	SW6010B	5.0	04/23/2013	39	04/23/2013	39	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10	03/07/2012	1.6 F	03/07/2012	1.6 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/5	100
	Copper	SW6010B	10	03/07/2012	7.0	03/07/2012	7.0	1/1	1300
	Copper-Dissolved	SW6010B	10					0/5	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	1.4 F	08/06/2012	1.4 F	1/4	-- [6]
	Lead	SW6010B	25	03/07/2012	**40**	03/07/2012	**40**	1/1	15
	Lead-Dissolved	SW6010B	25	08/03/2012	7.0	08/06/2012	3.2	2/3	15
	Zinc	SW6010B	50	04/23/2013	86	03/07/2012	74	2/0	5000
	Zinc-Dissolved	SW6010B	50	08/03/2012	97	03/07/2012	52	5/0	5000

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I10-5									
	Dichloroethene, 1,1-	SW8260B	1.2					0/13	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3					0/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/13	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0					0/4	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/13	5
	Toluene	SW8260B	1.1					0/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/13	100
	Trichloroethene	SW8260B	1.0					0/13	5
	Vinyl chloride	SW8260B	1.1					0/13	2

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I10-7									
	Dichloroethene, 1,1-	SW8260B	1.2					0/31	7
	Bromodichloromethane	SW8260B	0.8					0/11	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/11	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/31	70
	Dibromochloromethane	SW8260B	0.5					0/11	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0	03/20/2006	1.1 M	03/21/2002	0.44 F	2/9	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/31	5
	Toluene	SW8260B	1.1	03/21/2002	0.36 F	03/21/2002	0.36 F	1/10	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/31	100
	Trichloroethene	SW8260B	1.0	12/03/2009	0.17 F	12/03/2009	0.17 F	1/31	5
	Vinyl chloride	SW8260B	1.1					0/31	2

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I10-8									
	Dichloroethene, 1,1-	SW8260B	1.2					0/15	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

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I10-9									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/4	70
	Tetrachloroethene	SW8260B	1.4					0/4	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0	06/04/2012	1.4	09/06/2011	0.57 F	4/0	5
	Vinyl chloride	SW8260B	1.1					0/4	2

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I10-10									
	Dichloroethene, 1,1-	SW8260B	1.2					0/1	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/1	70
	Tetrachloroethene	SW8260B	1.4					0/1	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/1	100
	Trichloroethene	SW8260B	1.0					0/1	5
	Vinyl chloride	SW8260B	1.1					0/1	2

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JW-5									
	Dichloroethene, 1,1-	SW8260B	1.2					0/20	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3					0/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/20	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0	03/22/2006	1.1 F	03/22/2006	1.1 F	1/3	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/01/2011	0.12 F	03/20/2007	0.07 F	3/17	5
	Toluene	SW8260B	1.1					0/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/20	100
	Trichloroethene	SW8260B	1.0					0/20	5
	Vinyl chloride	SW8260B	1.1					0/20	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-6									
	Dichloroethene, 1,1-	SW8260B	1.2					0/15	7
	Bromodichloromethane	SW8260B	0.8					0/6	80 [5]
	Bromoform	SW8260B	1.2					0/6	80 [5]
	Chloroform	SW8260B	0.3					0/6	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/6	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/6	-- [6]
	Methylene chloride	SW8260B	2.0					0/6	5
	Naphthalene	SW8260B	1.0					0/6	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1					0/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-7									
	Dichloroethene, 1,1-	SW8260B	1.2					0/36	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/36	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0	03/22/2005	0.33 F	12/22/2005	0.14 F	5/7	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.2 M	03/21/2006	1.2 M	1/11	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/11/2006	0.77 F	09/20/2005	0.22 F	33/3	5
	Toluene	SW8260B	1.1					0/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/36	100
	Trichloroethene	SW8260B	1.0					0/36	5
	Vinyl chloride	SW8260B	1.1					0/36	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-8									
	Dichloroethene, 1,1-	SW8260B	1.2					0/37	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3	03/24/2005	0.10 F	03/24/2005	0.10 F	1/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	06/13/2007	0.40 F	03/21/2007	0.12 F	4/33	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0	03/23/2006	1.2 F	03/23/2006	1.2 F	1/12	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/04/2009	0.48 F	03/24/2005	0.12 F	30/7	5
	Toluene	SW8260B	1.1					0/13	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/37	100
	Trichloroethene	SW8260B	1.0	12/16/2004	0.22 F	03/24/2005	0.21 F	2/35	5
	Vinyl chloride	SW8260B	1.1					0/37	2

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JW-9									
	Dichloroethene, 1,1-	SW8260B	1.2					0/25	7
	Bromodichloromethane	SW8260B	0.8					0/16	80 [5]
	Bromoform	SW8260B	1.2					0/16	80 [5]
	Chloroform	SW8260B	0.3					0/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	12/19/2001	0.33 F	12/19/2001	0.33 F	1/24	70
	Dibromochloromethane	SW8260B	0.5					0/16	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/16	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.1 M	03/20/2002	0.37 F	2/14	5
	Naphthalene	SW8260B	1.0					0/16	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/04/2004	0.15 F	03/04/2004	0.15 F	1/24	5
	Toluene	SW8260B	1.1	03/11/2003	0.23 F	03/11/2003	0.23 F	1/15	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/25	100
	Trichloroethene	SW8260B	1.0					0/25	5
	Vinyl chloride	SW8260B	1.1					0/25	2

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JW-13									
	Dichloroethene, 1,1-	SW8260B	1.2					0/14	7
	Bromodichloromethane	SW8260B	0.8					0/6	80 [5]
	Bromoform	SW8260B	1.2					0/6	80 [5]
	Chloroform	SW8260B	0.3					0/6	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/6	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/6	-- [6]
	Methylene chloride	SW8260B	2.0					0/5	5
	Naphthalene	SW8260B	1.0					0/6	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1					0/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

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JW-14									
	Dichloroethene, 1,1-	SW8260B	1.2					0/42	7
	Bromodichloromethane	SW8260B	0.8	12/01/2003	5.9	03/02/2004	0.13 F	4/16	80 [5]
	Bromoform	SW8260B	1.2	12/01/2003	1.1 F	12/01/2003	1.1 F	1/19	80 [5]
	Chloroform	SW8260B	0.3	12/01/2003	53	09/22/2004	0.11 F	15/5	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/43	70
	Dibromochloromethane	SW8260B	0.5	12/01/2003	2.7	09/18/2001	0.10 F	3/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/20	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.1 M	03/19/2002	0.39 F	3/16	5
	Naphthalene	SW8260B	1.0					0/20	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/03/2009	0.19 F	12/14/2006	0.07 F	11/34	5
	Toluene	SW8260B	1.1	03/10/2003	0.45 F	03/21/2006	0.14 F	2/18	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0					0/43	5
	Vinyl chloride	SW8260B	1.1					0/43	2

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JW-15									
	Dichloroethene, 1,1-	SW8260B	1.2					0/14	7
	Bromodichloromethane	SW8260B	0.8					0/4	80 [5]
	Bromoform	SW8260B	1.2					0/4	80 [5]
	Chloroform	SW8260B	0.3					0/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/14	70
	Dibromochloromethane	SW8260B	0.5					0/4	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/4	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.1 M	03/21/2006	1.1 M	1/3	5
	Naphthalene	SW8260B	1.0					0/4	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/14	5
	Toluene	SW8260B	1.1					0/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/14	100
	Trichloroethene	SW8260B	1.0					0/14	5
	Vinyl chloride	SW8260B	1.1					0/14	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-20									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/4	70
	Tetrachloroethene	SW8260B	1.4					0/4	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/4	100
	Trichloroethene	SW8260B	1.0					0/4	5
	Vinyl chloride	SW8260B	1.1					0/4	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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JW-26									
	Dichloroethene, 1,1-	SW8260B	1.2					0/18	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3	09/10/2003	0.18 F	03/21/2002	0.11 F	2/11	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/19	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2002	0.21 F	03/21/2002	0.21 F	1/11	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/18/2003	0.14 F	03/13/2003	0.11 F	3/16	5
	Toluene	SW8260B	1.1					0/13	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/19	100
	Trichloroethene	SW8260B	1.0					0/19	5
	Vinyl chloride	SW8260B	1.1					0/19	2

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JW-27									
	Dichloroethene, 1,1-	SW8260B	1.2					0/23	7
	Bromodichloromethane	SW8260B	0.8					0/6	80 [5]
	Bromoform	SW8260B	1.2					0/6	80 [5]
	Chloroform	SW8260B	0.3					0/6	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/23	70
	Dibromochloromethane	SW8260B	0.5					0/6	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/6	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.1 M	03/21/2006	1.1 M	1/5	5
	Naphthalene	SW8260B	1.0					0/6	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/06/2008	0.12 F	06/21/2006	0.07 F	3/20	5
	Toluene	SW8260B	1.1					0/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/23	100
	Trichloroethene	SW8260B	1.0	06/21/2005	0.10 F	06/21/2005	0.10 F	1/22	5
	Vinyl chloride	SW8260B	1.1					0/23	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-28									
	Dichloroethene, 1,1-	SW8260B	1.2					0/33	7
	Bromodichloromethane	SW8260B	0.8					0/12	80 [5]
	Bromoform	SW8260B	1.2					0/12	80 [5]
	Chloroform	SW8260B	0.3					0/12	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/33	70
	Dibromochloromethane	SW8260B	0.5					0/12	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	03/22/2006	1.1 F	03/22/2006	1.1 F	1/11	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/33	5
	Toluene	SW8260B	1.1	09/22/2004	0.24 F	12/16/2004	0.12 F	9/4	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/33	100
	Trichloroethene	SW8260B	1.0					0/33	5
	Vinyl chloride	SW8260B	1.1					0/33	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-29									
	Dichloroethene, 1,1-	SW8260B	1.2					0/37	7
	Bromodichloromethane	SW8260B	0.8					0/13	80 [5]
	Bromoform	SW8260B	1.2					0/13	80 [5]
	Chloroform	SW8260B	0.3					0/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/37	70
	Dibromochloromethane	SW8260B	0.5					0/13	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/13	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.1 M	03/21/2006	1.1 M	1/12	5
	Naphthalene	SW8260B	1.0					0/13	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/20/2007	0.16 F	03/04/2008	0.10 F	6/32	5
	Toluene	SW8260B	1.1					0/13	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/37	100
	Trichloroethene	SW8260B	1.0					0/37	5
	Vinyl chloride	SW8260B	1.1					0/37	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-30									
	Dichloroethene, 1,1-	SW8260B	1.2					0/38	7
	Bromodichloromethane	SW8260B	0.8					0/14	80 [5]
	Bromoform	SW8260B	1.2					0/14	80 [5]
	Chloroform	SW8260B	0.3	03/23/2005	0.11 F	03/23/2005	0.11 F	1/13	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	06/12/2007	0.65 F	03/02/2010	0.21 F	5/33	70
	Dibromochloromethane	SW8260B	0.5					0/14	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/14	-- [6]
	Methylene chloride	SW8260B	2.0	03/22/2006	1.1 F	03/22/2006	1.1 F	1/13	5
	Naphthalene	SW8260B	1.0					0/14	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/22/2006	0.22 F	03/23/2005	0.10 F	14/24	5
	Toluene	SW8260B	1.1					0/14	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/38	100
	Trichloroethene	SW8260B	1.0	12/15/2004	0.27 F	03/13/2003	0.08 F	3/35	5
	Vinyl chloride	SW8260B	1.1					0/38	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
JW-31									
	Dichloroethene, 1,1-	SW8260B	1.2					0/9	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/9	70
	Tetrachloroethene	SW8260B	1.4					0/9	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/9	100
	Trichloroethene	SW8260B	1.0					0/9	5
	Vinyl chloride	SW8260B	1.1					0/9	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
LS-1									
	Dichloroethene, 1,1-	SW8260B	1.2					0/28	7
	Bromodichloromethane	SW8260B	0.8	03/12/2003	0.46 F	03/12/2003	0.46 F	1/11	80 [5]
	Bromoform	SW8260B	1.2	03/12/2003	0.58 F	03/12/2003	0.58 F	1/11	80 [5]
	Chloroform	SW8260B	0.3	03/12/2003	0.42	09/17/2002	0.07 F	9/3	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	12/02/2009	2.5	06/03/2010	0.19 F	3/26	70
	Dibromochloromethane	SW8260B	0.5	03/12/2003	0.51	03/12/2003	0.51	1/11	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/12	-- [6]
	Methylene chloride	SW8260B	2.0	12/19/2001	0.22 F	12/19/2001	0.22 F	1/10	5
	Naphthalene	SW8260B	1.0					0/12	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/02/2009	1.3 F	08/30/2010	0.24 F	25/4	5
	Toluene	SW8260B	1.1					0/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/29	100
	Trichloroethene	SW8260B	1.0	12/02/2009	0.63 F	03/12/2003	0.12 F	14/16	5
	Vinyl chloride	SW8260B	1.1					0/29	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
LS-4									
	Dichloroethene, 1,1-	SW8260B	1.2					0/39	7
	Bromodichloromethane	SW8260B	0.8	09/20/2005	0.23 F	09/20/2005	0.23 F	1/19	80 [5]
	Bromoform	SW8260B	1.2					0/20	80 [5]
	Chloroform	SW8260B	0.3	09/20/2005	0.40	03/03/2004	0.16 F	3/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/40	70
	Dibromochloromethane	SW8260B	0.5					0/20	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/20	-- [6]
	Methylene chloride	SW8260B	2.0	03/23/2006	1.2 F	12/19/2001	0.20 F	2/17	5
	Naphthalene	SW8260B	1.0					0/20	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/12/2003	0.25 F	06/05/2014	0.08 F	19/22	5
	Toluene	SW8260B	1.1					0/20	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/40	100
	Trichloroethene	SW8260B	1.0					0/40	5
	Vinyl chloride	SW8260B	1.1					0/40	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
LS-5									
	Dichloroethene, 1,1-	SW8260B	1.2					0/61	7
	Bromodichloromethane	SW8260B	0.8					0/20	80 [5]
	Bromoform	SW8260B	1.2					0/20	80 [5]
	Chloroform	SW8260B	0.3					0/20	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/62	70
	Dibromochloromethane	SW8260B	0.5					0/20	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/20	-- [6]
	Methylene chloride	SW8260B	2.0	03/20/2006	1.1 M	03/20/2002	0.25 F	3/16	5
	Naphthalene	SW8260B	1.0					0/20	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/06/2011	1.4 F	03/12/2003	0.08 F	38/25	5
	Toluene	SW8260B	1.1					0/20	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/62	100
	Trichloroethene	SW8260B	1.0	09/06/2011	4.8	06/19/2006	0.09 F	57/5	5
	Vinyl chloride	SW8260B	1.1					0/62	2
	Arsenic	SW6010B	30	12/01/2014	2.7 F	03/05/2014	0.90 F	3/7	10
	Arsenic-Dissolved	SW6010B	30					0/6	10
	Barium	SW6010B	5.0	04/23/2013	33	04/23/2013	33	1/0	2000
	Cadmium	SW6010B	7.0					0/10	5
	Cadmium-Dissolved	SW6010B	7.0					0/6	5
	Chromium	SW6010B	10					0/10	100
	Chromium-Dissolved	SW6010B	10					0/6	100
	Copper	SW6010B	10	04/23/2013	25	03/05/2014	10	10/0	1300
	Copper-Dissolved	SW6010B	10	08/03/2012	31	10/01/2012	9.0	6/0	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/6	2
	Nickel	SW6010B	10					0/10	-- [6]
	Nickel-Dissolved	SW6010B	10					0/6	-- [6]
	Lead	SW6010B	25	09/17/2013	2.1 F	09/17/2013	2.1 F	1/9	15
	Lead-Dissolved	SW6010B	25	08/03/2012	6.3	08/06/2012	4.7	2/4	15
	Zinc	SW6010B	50	06/02/2014	53	12/01/2014	34 F	10/0	5000
	Zinc-Dissolved	SW6010B	50	08/03/2012	82	08/30/2012	14 F	6/0	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
LS-6									
	Dichloroethene, 1,1-	SW8260B	1.2					0/60	7
	Bromodichloromethane	SW8260B	0.8	06/20/2005	0.60 F	09/19/2005	0.11 F	3/18	80 [5]
	Bromoform	SW8260B	1.2					0/21	80 [5]
	Chloroform	SW8260B	0.3	06/20/2005	0.60	12/21/2005	0.07 F	4/17	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/61	70
	Dibromochloromethane	SW8260B	0.5	06/20/2005	0.43 F	09/20/2004	0.14 F	2/19	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/21	-- [6]
	Methylene chloride	SW8260B	2.0	03/20/2006	1.1 M	12/18/2001	0.33 F	3/17	5
	Naphthalene	SW8260B	1.0	03/21/2005	0.43	03/21/2005	0.43	1/19	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/27/2001	**10**	08/30/2012	0.55 F	60/1	5
	Toluene	SW8260B	1.1	03/12/2003	0.17 F	03/12/2003	0.17 F	1/20	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/61	100
	Trichloroethene	SW8260B	1.0	12/01/2014	3.7	09/16/2002	0.10 F	56/5	5
	Vinyl chloride	SW8260B	1.1					0/61	2
	Arsenic	SW6010B	30	12/01/2014	2.6 F	06/02/2014	0.90 F	3/7	10
	Arsenic-Dissolved	SW6010B	30					0/6	10
	Barium	SW6010B	5.0	04/23/2013	38	04/23/2013	38	1/0	2000
	Cadmium	SW6010B	7.0					0/10	5
	Cadmium-Dissolved	SW6010B	7.0					0/6	5
	Chromium	SW6010B	10					0/10	100
	Chromium-Dissolved	SW6010B	10					0/6	100
	Copper	SW6010B	10	07/19/2013	12	09/03/2014	4.0 F	7/3	1300
	Copper-Dissolved	SW6010B	10	08/16/2012	8.5	03/07/2012	3.1 F	5/1	1300
	Mercury	SW7470A	1.0	12/09/2013	0.20 F	12/09/2013	0.20 F	1/9	2
	Mercury-Dissolved	SW7470A	1.0					0/6	2
	Nickel	SW6010B	10					0/10	-- [6]
	Nickel-Dissolved	SW6010B	10					0/6	-- [6]
	Lead	SW6010B	25	07/19/2013	2.7 F	07/19/2013	2.7 F	1/9	15
	Lead-Dissolved	SW6010B	25	08/03/2012	2.6 F	08/06/2012	2.1 F	2/4	15
	Zinc	SW6010B	50	04/23/2013	54	12/09/2013	13 F	10/0	5000
	Zinc-Dissolved	SW6010B	50	08/16/2012	93	08/30/2012	8.9 F	6/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
LS-7									
	Dichloroethene, 1,1-	SW8260B	1.2					0/64	7
	Bromodichloromethane	SW8260B	0.8	09/16/2002	0.17 F	09/16/2002	0.17 F	1/21	80 [5]
	Bromoform	SW8260B	1.2					0/22	80 [5]
	Chloroform	SW8260B	0.3	09/16/2002	0.83	12/02/2002	0.08 F	11/11	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/65	70
	Dibromochloromethane	SW8260B	0.5					0/22	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/22	-- [6]
	Methylene chloride	SW8260B	2.0	03/20/2006	1.1 M	12/18/2001	0.39 F	3/18	5
	Naphthalene	SW8260B	1.0					0/21	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/02/2002	**7.2**	06/01/2010	0.47 F	65/0	5
	Toluene	SW8260B	1.1	06/20/2005	0.12 F	06/20/2005	0.12 F	1/21	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/65	100
	Trichloroethene	SW8260B	1.0	12/05/2011	1.0	03/02/2009	0.10 F	60/5	5
	Vinyl chloride	SW8260B	1.1					0/65	2
	Arsenic	SW6010B	30	12/01/2014	2.6 F	09/03/2014	2.2 F	2/8	10
	Arsenic-Dissolved	SW6010B	30					0/6	10
	Barium	SW6010B	5.0	04/23/2013	37	04/23/2013	37	1/0	2000
	Cadmium	SW6010B	7.0					0/10	5
	Cadmium-Dissolved	SW6010B	7.0					0/6	5
	Chromium	SW6010B	10					0/10	100
	Chromium-Dissolved	SW6010B	10					0/6	100
	Copper	SW6010B	10	09/03/2014	8.0 F	06/02/2014	4.0 F	10/0	1300
	Copper-Dissolved	SW6010B	10	08/06/2012	12	10/01/2012	4.2 F	6/0	1300
	Mercury	SW7470A	1.0	12/09/2013	0.20 F	12/09/2013	0.20 F	1/9	2
	Mercury-Dissolved	SW7470A	1.0					0/6	2
	Nickel	SW6010B	10					0/10	-- [6]
	Nickel-Dissolved	SW6010B	10					0/6	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25	08/06/2012	3.1	08/03/2012	2.1 F	2/4	15
	Zinc	SW6010B	50	04/23/2013	43 F	09/03/2014	9.0 F	10/0	5000
	Zinc-Dissolved	SW6010B	50	10/01/2012	29 F	08/16/2012	14 F	5/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OFR-1									
	Dichloroethene, 1,1-	SW8260B	1.2					0/42	7
	Bromodichloromethane	SW8260B	0.8					0/19	80 [5]
	Bromoform	SW8260B	1.2					0/19	80 [5]
	Chloroform	SW8260B	0.3					0/19	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/43	70
	Dibromochloromethane	SW8260B	0.5					0/19	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/19	-- [6]
	Methylene chloride	SW8260B	2.0	09/18/2002	1.4 B	03/21/2002	0.32 F	3/15	5
	Naphthalene	SW8260B	1.0					0/19	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/09/2003	0.49 F	08/31/2010	0.16 F	36/7	5
	Toluene	SW8260B	1.1	03/21/2002	0.12 F	03/21/2002	0.12 F	1/18	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0					0/43	5
	Vinyl chloride	SW8260B	1.1					0/43	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OFR-3									
	Dichloroethene, 1,1-	SW8260B	1.2					0/51	7
	Bromodichloromethane	SW8260B	0.8					0/23	80 [5]
	Bromoform	SW8260B	1.2					0/23	80 [5]
	Chloroform	SW8260B	0.3					0/23	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/23/2013	0.25 F	09/02/2008	0.11 F	8/44	70
	Dibromochloromethane	SW8260B	0.5					0/23	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0	06/11/2002	1.9	03/21/2005	0.16 F	22/1	-- [6]
	Methylene chloride	SW8260B	2.0	03/22/2006	1.1 F	12/18/2001	0.26 F	5/17	5
	Naphthalene	SW8260B	1.0					0/23	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/04/2003	**13**	03/22/2006	0.41 F	52/0	5
	Toluene	SW8260B	1.1					0/23	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/52	100
	Trichloroethene	SW8260B	1.0	12/04/2003	**7.9**	03/22/2006	0.52 F	52/0	5
	Vinyl chloride	SW8260B	1.1					0/51	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/5	10
	Barium	SW6010B	5.0	04/23/2013	34	04/23/2013	34	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10					0/2	100
	Chromium-Dissolved	SW6010B	10	08/06/2012	1.1 F	08/06/2012	1.1 F	1/4	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	08/30/2012	4.3 F	08/03/2012	4.1 F	2/3	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10					0/5	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/5	15
	Zinc	SW6010B	50	04/23/2013	110	03/08/2012	79	2/0	5000
	Zinc-Dissolved	SW6010B	50	08/06/2012	83	08/30/2012	78	5/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OFR-4									
	Dichloroethene, 1,1-	SW8260B	1.2					0/15	7
	Bromodichloromethane	SW8260B	0.8					0/5	80 [5]
	Bromoform	SW8260B	1.2					0/5	80 [5]
	Chloroform	SW8260B	0.3					0/5	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/5	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.1 M	03/21/2006	1.1 M	1/5	5
	Naphthalene	SW8260B	1.0					0/5	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OW-BARNOWL									
	Dichloroethene, 1,1-	SW8260B	1.2					0/12	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/12	70
	Tetrachloroethene	SW8260B	1.4	02/28/2011	0.15 F	02/28/2011	0.15 F	1/11	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/12	100
	Trichloroethene	SW8260B	1.0					0/12	5
	Vinyl chloride	SW8260B	1.1					0/12	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OW-CE1									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/8	70
	Tetrachloroethene	SW8260B	1.4					0/8	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0					0/8	5
	Vinyl chloride	SW8260B	1.1					0/8	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OW-CE2									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/8	70
	Tetrachloroethene	SW8260B	1.4					0/8	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0					0/8	5
	Vinyl chloride	SW8260B	1.1					0/8	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OW-DAIRYWELL									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/8	70
	Tetrachloroethene	SW8260B	1.4					0/8	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0					0/8	5
	Vinyl chloride	SW8260B	1.1					0/8	2

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OW-HH1									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/8	70
	Tetrachloroethene	SW8260B	1.4					0/8	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0					0/8	5
	Vinyl chloride	SW8260B	1.1					0/8	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
OW-HH2									
	Dichloroethene, 1,1-	SW8260B	1.2					0/12	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/12	70
	Tetrachloroethene	SW8260B	1.4	02/28/2011	0.20 F	02/28/2011	0.20 F	1/11	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/12	100
	Trichloroethene	SW8260B	1.0					0/12	5
	Vinyl chloride	SW8260B	1.1					0/12	2

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OW-HH3									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/8	70
	Tetrachloroethene	SW8260B	1.4					0/8	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0					0/8	5
	Vinyl chloride	SW8260B	1.1					0/8	2

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OW-MT2									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/8	70
	Tetrachloroethene	SW8260B	1.4					0/8	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0					0/8	5
	Vinyl chloride	SW8260B	1.1					0/8	2

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
RFR-3									
	Dichloroethene, 1,1-	SW8260B	1.2					0/16	7
	Bromodichloromethane	SW8260B	0.8					0/7	80 [5]
	Bromoform	SW8260B	1.2					0/7	80 [5]
	Chloroform	SW8260B	0.3					0/7	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/17	70
	Dibromochloromethane	SW8260B	0.5					0/7	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/7	-- [6]
	Methylene chloride	SW8260B	2.0					0/6	5
	Naphthalene	SW8260B	1.0					0/7	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/02/2003	0.12 F	12/02/2003	0.12 F	1/16	5
	Toluene	SW8260B	1.1					0/7	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/17	100
	Trichloroethene	SW8260B	1.0					0/17	5
	Vinyl chloride	SW8260B	1.1					0/17	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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RFR-4									
	Dichloroethene, 1,1-	SW8260B	1.2					0/13	7
	Bromodichloromethane	SW8260B	0.8					0/3	80 [5]
	Bromoform	SW8260B	1.2					0/3	80 [5]
	Chloroform	SW8260B	0.3	03/23/2005	0.22 F	03/23/2005	0.22 F	1/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/13	70
	Dibromochloromethane	SW8260B	0.5					0/3	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/3	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.3 M	03/21/2006	1.3 M	1/2	5
	Naphthalene	SW8260B	1.0					0/3	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/13	5
	Toluene	SW8260B	1.1					0/3	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/13	100
	Trichloroethene	SW8260B	1.0					0/13	5
	Vinyl chloride	SW8260B	1.1					0/13	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
RFR-5									
	Dichloroethene, 1,1-	SW8260B	1.2					0/13	7
	Bromodichloromethane	SW8260B	0.8					0/3	80 [5]
	Bromoform	SW8260B	1.2					0/3	80 [5]
	Chloroform	SW8260B	0.3					0/3	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/13	70
	Dibromochloromethane	SW8260B	0.5					0/3	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/3	-- [6]
	Methylene chloride	SW8260B	2.0	03/21/2006	1.3 M	03/21/2006	1.3 M	1/2	5
	Naphthalene	SW8260B	1.0					0/3	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/13	5
	Toluene	SW8260B	1.1					0/3	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/13	100
	Trichloroethene	SW8260B	1.0					0/13	5
	Vinyl chloride	SW8260B	1.1					0/13	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
RFR-8									
	Dichloroethene, 1,1-	SW8260B	1.2					0/15	7
	Bromodichloromethane	SW8260B	0.8					0/6	80 [5]
	Bromoform	SW8260B	1.2					0/6	80 [5]
	Chloroform	SW8260B	0.3					0/6	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/15	70
	Dibromochloromethane	SW8260B	0.5					0/6	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/6	-- [6]
	Methylene chloride	SW8260B	2.0					0/6	5
	Naphthalene	SW8260B	1.0					0/6	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/15	5
	Toluene	SW8260B	1.1					0/6	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/15	100
	Trichloroethene	SW8260B	1.0					0/15	5
	Vinyl chloride	SW8260B	1.1					0/15	2

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RFR-9									
	Dichloroethene, 1,1-	SW8260B	1.2					0/19	7
	Bromodichloromethane	SW8260B	0.8					0/7	80 [5]
	Bromoform	SW8260B	1.2					0/7	80 [5]
	Chloroform	SW8260B	0.3					0/7	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/19	70
	Dibromochloromethane	SW8260B	0.5					0/7	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/7	-- [6]
	Methylene chloride	SW8260B	2.0	12/20/2001	0.52 F	12/20/2001	0.52 F	1/6	5
	Naphthalene	SW8260B	1.0					0/7	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/04/2009	0.20 F	09/04/2009	0.20 F	1/19	5
	Toluene	SW8260B	1.1					0/7	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/19	100
	Trichloroethene	SW8260B	1.0					0/19	5
	Vinyl chloride	SW8260B	1.1					0/19	2

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RFR-10									
	Dichloroethene, 1,1-	SW8260B	1.2					0/64	7
	Bromodichloromethane	SW8260B	0.8					0/23	80 [5]
	Bromoform	SW8260B	1.2					0/23	80 [5]
	Chloroform	SW8260B	0.3	09/11/2003	0.21 F	12/02/2003	0.14 F	2/21	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	12/02/2003	0.96 F	03/19/2007	0.13 F	46/25	70
	Dibromochloromethane	SW8260B	0.5					0/23	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/23	-- [6]
	Methylene chloride	SW8260B	2.0	03/20/2006	1.1 M	12/17/2001	0.30 F	2/20	5
	Naphthalene	SW8260B	1.0					0/23	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/17/2003	**92**	12/11/2006	2.4	71/0	5
	Toluene	SW8260B	1.1	07/16/2003	28	06/20/2005	0.17 F	7/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/71	100
	Trichloroethene	SW8260B	1.0	07/16/2003	**20**	08/31/2009	1.2	68/3	5
	Vinyl chloride	SW8260B	1.1					0/65	2
	Arsenic	SW6010B	30	12/01/2014	2.1 F	03/05/2014	0.70 F	3/7	10
	Arsenic-Dissolved	SW6010B	30					0/6	10
	Barium	SW6010B	5.0	04/23/2013	33	04/23/2013	33	1/0	2000
	Cadmium	SW6010B	7.0					0/10	5
	Cadmium-Dissolved	SW6010B	7.0					0/6	5
	Chromium	SW6010B	10					0/10	100
	Chromium-Dissolved	SW6010B	10					0/6	100
	Copper	SW6010B	10	12/01/2014	23	06/02/2014	4.0 F	7/3	1300
	Copper-Dissolved	SW6010B	10	08/30/2012	11	08/03/2012	3.7 F	5/1	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/6	2
	Nickel	SW6010B	10	07/19/2013	1.4 F	07/19/2013	1.4 F	1/9	-- [6]
	Nickel-Dissolved	SW6010B	10	08/30/2012	5.5	08/03/2012	2.3 F	2/4	-- [6]
	Lead	SW6020	2.0	08/24/2004	0.80 F	08/24/2004	0.80 F	1/10	15
	Lead-Dissolved	SW6010B	25	08/30/2012	3.9	08/03/2012	3.0	3/3	15
	Zinc	SW6010B	50	04/23/2013	39 F	06/02/2014	11 F	9/1	5000
	Zinc-Dissolved	SW6010B	50	10/01/2012	16 F	08/30/2012	9.5 F	6/0	5000

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RFR-11									
	Dichloroethene, 1,1-	SW8260B	1.2					0/61	7
	Bromodichloromethane	SW8260B	0.8					0/23	80 [5]
	Bromoform	SW8260B	1.2					0/23	80 [5]
	Chloroform	SW8260B	0.3	10/04/2001	0.14 F	10/04/2001	0.14 F	1/22	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/62	70
	Dibromochloromethane	SW8260B	0.5					0/23	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/23	-- [6]
	Methylene chloride	SW8260B	2.0	03/20/2006	1.1 M	03/19/2002	0.24 F	3/19	5
	Naphthalene	SW8260B	1.0					0/23	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/12/2001	**17**	06/19/2006	0.33 F	56/6	5
	Toluene	SW8260B	1.1					0/23	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/62	100
	Trichloroethene	SW8260B	1.0	09/06/2011	4.8	03/03/2008	0.08 F	57/5	5
	Vinyl chloride	SW8260B	1.1					0/62	2
	Arsenic	SW6010B	30	09/03/2014	2.2 F	06/02/2014	0.80 F	3/7	10
	Arsenic-Dissolved	SW6010B	30					0/5	10
	Barium	SW6010B	5.0	04/23/2013	35	04/23/2013	35	1/0	2000
	Cadmium	SW6010B	7.0					0/10	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10					0/10	100
	Chromium-Dissolved	SW6010B	10					0/5	100
	Copper	SW6010B	10	03/08/2012	33	09/17/2013	4.0 F	10/0	1300
	Copper-Dissolved	SW6010B	10	08/03/2012	20	03/08/2012	4.2 F	5/0	1300
	Mercury	SW7470A	1.0	12/09/2013	0.20 F	12/09/2013	0.20 F	1/9	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10					0/10	-- [6]
	Nickel-Dissolved	SW6010B	10					0/5	-- [6]
	Lead	SW6010B	25	03/08/2012	6.8	03/08/2012	6.8	1/9	15
	Lead-Dissolved	SW6010B	25	08/03/2012	2.8 F	08/06/2012	2.6 F	2/3	15
	Zinc	SW6010B	50	03/08/2012	120	12/09/2013	44 F	10/0	5000
	Zinc-Dissolved	SW6010B	50	08/03/2012	110	08/30/2012	36 F	5/0	5000

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RFR-12									
	Dichloroethene, 1,1-	SW8260B	1.2					0/29	7
	Bromodichloromethane	SW8260B	0.8					0/18	80 [5]
	Bromoform	SW8260B	1.2					0/18	80 [5]
	Chloroform	SW8260B	0.3					0/18	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/30	70
	Dibromochloromethane	SW8260B	0.5					0/18	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/18	-- [6]
	Methylene chloride	SW8260B	2.0	03/23/2006	1.2 F	12/18/2001	0.38 F	2/15	5
	Naphthalene	SW8260B	1.0					0/18	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/03/2010	0.26 F	12/05/2002	0.08 F	6/24	5
	Toluene	SW8260B	1.1					0/18	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/30	100
	Trichloroethene	SW8260B	1.0	06/03/2014	0.67 F	09/22/2004	0.11 F	20/10	5
	Vinyl chloride	SW8260B	1.1					0/30	2

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RFR-13									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	Bromodichloromethane	SW8260B	0.8	01/11/2005	8.7	03/24/2005	1.5	3/5	80 [5]
	Bromoform	SW8260B	1.2	03/24/2005	1.2	03/24/2005	1.1 F	2/7	80 [5]
	Chloroform	SW8260B	0.3	01/11/2005	65	06/22/2005	0.39	4/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/17	70
	Dibromochloromethane	SW8260B	0.5	01/11/2005	2.9	03/24/2005	1.5	3/5	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/8	-- [6]
	Methylene chloride	SW8260B	2.0	03/22/2006	1.1 F	03/22/2006	1.1 F	1/7	5
	Naphthalene	SW8260B	1.0					0/8	-- [6]
	Tetrachloroethene	SW8260B	1.4					0/16	5
	Toluene	SW8260B	1.1					0/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/17	100
	Trichloroethene	SW8260B	1.0					0/17	5
	Vinyl chloride	SW8260B	1.1					0/17	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
RFR-14									
	Dichloroethene, 1,1-	SW8260B	1.2					0/26	7
	Bromodichloromethane	SW8260B	0.8					0/2	80 [5]
	Bromoform	SW8260B	1.2					0/2	80 [5]
	Chloroform	SW8260B	0.3					0/2	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	06/14/2007	0.27 F	06/14/2007	0.27 F	1/25	70
	Dibromochloromethane	SW8260B	0.5					0/2	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/2	-- [6]
	Methylene chloride	SW8260B	2.0	03/23/2006	1.2 F	03/23/2006	1.2 F	1/1	5
	Naphthalene	SW8260B	1.0					0/2	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/02/2009	0.28 F	03/22/2007	0.10 F	17/9	5
	Toluene	SW8260B	1.1					0/2	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/26	100
	Trichloroethene	SW8260B	1.0					0/26	5
	Vinyl chloride	SW8260B	1.1					0/26	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
SLD-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/8	70
	Tetrachloroethene	SW8260B	1.4	09/11/2013	0.24 F	09/04/2014	0.09 F	2/6	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0					0/8	5
	Vinyl chloride	SW8260B	1.1					0/8	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
SLD-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/3	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/3	70
	Tetrachloroethene	SW8260B	1.4					0/3	5
	trans-1,2-Dichloroethene	SW8260B	0.6					0/3	100
	Trichloroethene	SW8260B	1.0					0/3	5
	Vinyl chloride	SW8260B	1.1					0/3	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/21	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/43	70
	Tetrachloroethene	SW8260B	1.4	09/17/2008	**6.5**	02/22/2005	1.3 F	43/0	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	10/07/2003	0.47 F	04/29/2013	0.18 F	22/21	5
	Vinyl chloride	SW8260B	1.1					0/21	2
	Arsenic	SW6010B	30	09/11/2014	1.8 F	09/11/2014	1.8 F	1/9	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/29/2013	28	04/29/2013	28	1/0	2000
	Cadmium	SW6010B	7.0	12/09/2014	1.5 F	12/09/2014	1.5 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	06/13/2013	19	09/11/2014	1.2 F	8/2	100
	Chromium-Dissolved	SW6010B	10	07/31/2012	1.6 F	07/31/2012	1.6 F	1/0	100
	Copper	SW6010B	10					0/10	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	06/13/2013	13	07/22/2013	1.2 F	10/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/31/2012	14	07/31/2012	14	1/0	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50					0/10	5000
	Zinc-Dissolved	SW6010B	50	07/31/2012	23 F	07/31/2012	23 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/39	70
	Tetrachloroethene	SW8260B	1.4	07/31/2012	**20**	09/09/2003	2.0 J	39/0	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	07/31/2012	**5.3**	09/09/2003	1.1	38/1	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/29/2013	28	04/29/2013	28	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/29/2013	1.8 F	04/29/2013	1.8 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/31/2012	2.3 F	07/31/2012	2.3 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/31/2012	8.0	07/31/2012	8.0	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/29/2013	23 F	07/31/2012	9.0 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/31/2012	24 F	07/31/2012	24 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-03									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	03/18/2008	0.16 F	03/18/2008	0.16 F	1/38	70
	Tetrachloroethene	SW8260B	1.4	09/17/2008	**5.8**	04/29/2013	1.1 F	39/0	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	12/09/2014	**15**	02/26/2004	1.1 F	39/0	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/29/2013	35	04/29/2013	35	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/29/2013	1.3 F	04/29/2013	1.3 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/31/2012	1.4 F	07/31/2012	1.4 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/31/2012	7.4	07/31/2012	7.4	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/31/2012	10 F	07/31/2012	10 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/31/2012	10 F	07/31/2012	10 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-04									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	12/09/2014	0.35 F	06/13/2013	0.11 F	3/36	70
	Tetrachloroethene	SW8260B	1.4	09/08/2003	2.6	09/27/2006	0.20 F	11/28	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	09/08/2003	2.5	06/13/2013	0.13 F	14/25	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/25/2013	81	04/25/2013	81	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/31/2012	3.5 F	07/31/2012	3.5 F	1/1	100
	Chromium-Dissolved	SW6010B	10	07/31/2012	1.9 F	07/31/2012	1.9 F	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/31/2012	2.2 F	07/31/2012	2.2 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/31/2012	9.3	07/31/2012	9.3	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/25/2013	26 F	07/31/2012	14 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/31/2012	18 F	07/31/2012	18 F	1/0	5000

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CS-WB01-LGR-05									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/39	70
	Tetrachloroethene	SW8260B	1.4	09/08/2003	2.0	09/04/2012	0.12 F	14/25	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	09/08/2003	2.1	12/09/2014	0.16 F	29/10	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/25/2013	54	04/25/2013	54	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/31/2012	1.9 F	07/31/2012	1.9 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10	07/31/2012	17	07/31/2012	17	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/25/2013	24 F	04/25/2013	24 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/31/2012	15 F	07/31/2012	15 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-06									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	06/13/2013	0.55 F	03/10/2010	0.18 F	9/30	70
	Tetrachloroethene	SW8260B	1.4	09/08/2003	2.0 J	09/04/2012	0.20 F	19/20	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	09/08/2003	2.7	09/02/2009	0.33 F	36/3	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/25/2013	49	04/25/2013	49	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/30/2012	1.8 F	07/30/2012	1.8 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/30/2012	1.5 F	07/30/2012	1.5 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/30/2012	1.1 F	07/30/2012	1.1 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/25/2013	30 F	07/30/2012	11 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/30/2012	22 F	07/30/2012	22 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-07									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	10/07/2003	1.5	03/20/2014	0.18 F	10/29	70
	Tetrachloroethene	SW8260B	1.4	09/02/2009	**22**	10/07/2003	3.5	39/0	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	09/01/2010	**22**	02/26/2004	4.2	39/0	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/25/2013	35	04/25/2013	35	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/30/2012	4.9 F	07/30/2012	4.9 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/30/2012	3.5 F	07/30/2012	3.5 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/30/2012	7.8	07/30/2012	7.8	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/25/2013	33 F	07/30/2012	20 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/30/2012	16 F	07/30/2012	16 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-08									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	06/13/2013	1.6	10/05/2007	0.25 F	10/29	70
	Tetrachloroethene	SW8260B	1.4	12/09/2014	**6.2**	03/14/2011	0.16 F	38/1	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	06/13/2013	**9.4**	03/14/2007	0.74 F	38/1	5
	Vinyl chloride	SW8260B	1.1	09/17/2008	0.33 F	09/17/2008	0.33 F	1/16	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/25/2013	28	04/25/2013	28	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/30/2012	8.2	07/30/2012	8.2	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/30/2012	11	04/25/2013	6.3	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/30/2012	8.7	07/30/2012	8.7	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/30/2012	42 F	04/25/2013	32 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/30/2012	32 F	07/30/2012	32 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-LGR-09									
	Dichloroethene, 1,1-	SW8260B	1.2					0/28	7
	cis-1,2-Dichloroethene	SW8260B	1.2	02/22/2005	1.7	04/08/2004	0.20 F	38/12	70
	Tetrachloroethene	SW8260B	1.4	10/05/2007	**21**	09/08/2003	**6.0**	50/0	5
	Toluene	SW8260B	1.1					0/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/50	100
	Trichloroethene	SW8260B	1.0	10/05/2007	**32**	09/08/2003	**10**	50/0	5
	Vinyl chloride	SW8260B	1.1					0/28	2
	Arsenic	SW6010B	30	09/11/2014	1.0 F	09/11/2014	1.0 F	1/9	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.50 F	08/30/2012	0.50 F	1/4	10
	Barium	SW6010B	5.0	04/23/2013	35	04/23/2013	35	1/0	2000
	Cadmium	SW6010B	7.0	12/09/2014	1.4 F	12/09/2014	1.4 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10	07/22/2013	3.4 F	03/12/2012	1.1 F	10/0	100
	Chromium-Dissolved	SW6010B	10	03/12/2012	3.8 F	08/17/2012	1.3 F	3/2	100
	Copper	SW6010B	10	03/20/2014	6.0 F	06/13/2013	4.0 F	2/8	1300
	Copper-Dissolved	SW6010B	10	08/30/2012	4.5 F	08/06/2012	3.4 F	3/2	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10	12/04/2013	3.0 F	12/04/2013	3.0 F	1/9	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	5.8	03/12/2012	1.2 F	2/3	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25	08/03/2012	2.5 F	08/03/2012	2.5 F	1/4	15
	Zinc	SW6010B	50	04/23/2013	35 F	12/04/2013	10 F	9/1	5000
	Zinc-Dissolved	SW6010B	50	03/12/2012	48 F	08/17/2012	13 F	5/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB01-UGR-01									
	cis-1,2-Dichloroethene	SW8260B	1.2					0/2	70
	Tetrachloroethene	SW8260B	1.4	11/18/2004	**6.6**	12/02/2004	1.5 F	2/0	5
	Toluene	SW8260B	1.1					0/2	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/2	100
	Trichloroethene	SW8260B	1.0	12/02/2004	1.4 F	12/02/2004	1.4 F	1/1	5

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/18	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/43	70
	Tetrachloroethene	SW8260B	1.4	09/18/2013	**14**	07/30/2012	0.29 F	42/1	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	01/20/2004	**12**	12/10/2014	0.09 F	43/0	5
	Vinyl chloride	SW8260B	1.1					0/18	2
	Arsenic	SW6010B	30	06/12/2013	5.9	06/24/2014	2.0 F	5/3	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/30/2013	38	04/30/2013	38	1/0	2000
	Cadmium	SW6010B	7.0	12/10/2014	**7.6**	12/10/2014	**7.6**	1/7	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	06/24/2014	**450**	07/30/2012	13	8/0	100
	Chromium-Dissolved	SW6010B	10	07/30/2012	1.4 F	07/30/2012	1.4 F	1/0	100
	Copper	SW6010B	10	06/24/2014	4.0 F	06/24/2014	4.0 F	2/6	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/8	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/30/2012	9.2	04/30/2013	3.0 F	8/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/30/2012	1.9 F	07/30/2012	1.9 F	1/0	-- [6]
	Lead	SW6010B	25					0/8	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/30/2013	23 F	06/24/2014	9.0 F	7/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/2	7
	cis-1,2-Dichloroethene	SW8260B	1.2	02/22/2005	1.7	02/22/2005	1.7	1/13	70
	Tetrachloroethene	SW8260B	1.4	04/16/2004	**10**	02/22/2005	1.1 F	14/0	5
	Toluene	SW8260B	1.1					0/12	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/14	100
	Trichloroethene	SW8260B	1.0	05/23/2005	1.6 F	03/11/2010	0.37 F	6/8	5
	Vinyl chloride	SW8260B	1.1					0/2	2

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-03									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	10/08/2003	1.6	10/08/2003	1.6	1/42	70
	Tetrachloroethene	SW8260B	1.4	01/20/2004	**11**	02/22/2005	2.0	43/0	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	10/20/2003	**9.2**	09/03/2010	0.26 F	41/2	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/30/2013	36	04/30/2013	36	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/30/2012	3.1 F	04/30/2013	2.4 F	2/0	100
	Chromium-Dissolved	SW6010B	10	07/30/2012	5.5	07/30/2012	5.5	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/30/2012	2.0 F	07/30/2012	2.0 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/30/2012	5.6	07/30/2012	5.6	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/30/2013	22 F	04/30/2013	22 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/30/2012	8.2 F	07/30/2012	8.2 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-04									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/43	70
	Tetrachloroethene	SW8260B	1.4	12/10/2014	4.8	02/22/2005	1.3 F	43/0	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	09/03/2009	**17**	02/22/2005	3.7	43/0	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/30/2013	95	04/30/2013	95	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/30/2012	1.1 F	07/30/2012	1.1 F	1/1	100
	Chromium-Dissolved	SW6010B	10	07/30/2012	6.0	07/30/2012	6.0	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/30/2012	2.2 F	07/30/2012	2.2 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/30/2012	13	07/30/2012	13	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/30/2013	20 F	04/30/2013	20 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/30/2012	14 F	07/30/2012	14 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-05									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/43	70
	Tetrachloroethene	SW8260B	1.4	09/09/2003	**5.8**	03/11/2009	0.22 F	33/10	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	09/03/2010	0.33 F	03/14/2011	0.20 F	2/41	100
	Trichloroethene	SW8260B	1.0	09/03/2009	5.0	04/20/2005	0.97 F	42/1	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/29/2013	61	04/29/2013	61	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/27/2012	1.3 F	07/27/2012	1.3 F	1/1	100
	Chromium-Dissolved	SW6010B	10	07/27/2012	1.6 F	07/27/2012	1.6 F	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/27/2012	8.8 B	07/27/2012	8.8 B	1/0	1300
	Mercury	SW7470A	1.0	07/27/2012	0.20	07/27/2012	0.20	1/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/27/2012	4.6 F	04/29/2013	1.8 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/27/2012	4.1 F	07/27/2012	4.1 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/29/2013	27 F	07/27/2012	12 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/27/2012	11 F	07/27/2012	11 F	1/0	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-06									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	02/22/2005	1.7	03/19/2014	0.17 F	9/34	70
	Tetrachloroethene	SW8260B	1.4	03/11/2010	**9.0**	04/29/2013	0.62 F	41/2	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	03/14/2011	2.8	03/19/2014	0.19 F	7/36	100
	Trichloroethene	SW8260B	1.0	03/11/2010	**5.9**	10/05/2004	1.2 F	42/1	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/29/2013	51	04/29/2013	51	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10					0/2	100
	Chromium-Dissolved	SW6010B	10	07/27/2012	2.0 F	07/27/2012	2.0 F	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/27/2012	6.4 B	07/27/2012	6.4 B	1/0	1300
	Mercury	SW7470A	1.0	07/27/2012	0.20	07/27/2012	0.20	1/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/27/2012	3.9 F	04/29/2013	1.8 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/27/2012	3.9 F	07/27/2012	3.9 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/27/2012	11 F	07/27/2012	11 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-07									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	10/08/2003	1.6	03/14/2011	0.16 F	8/35	70
	Tetrachloroethene	SW8260B	1.4	09/09/2003	**7.0**	07/27/2012	0.35 F	40/3	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	09/09/2003	**5.5**	04/29/2013	0.22 F	41/2	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/29/2013	26	04/29/2013	26	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/27/2012	4.2 F	07/27/2012	4.2 F	1/1	100
	Chromium-Dissolved	SW6010B	10	07/27/2012	1.7 F	07/27/2012	1.7 F	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/27/2012	6.4 B	07/27/2012	6.4 B	1/0	1300
	Mercury	SW7470A	1.0	07/27/2012	0.20	07/27/2012	0.20	1/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/27/2012	4.6 F	07/27/2012	4.6 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10	07/27/2012	2.2 F	07/27/2012	2.2 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/27/2012	11 F	07/27/2012	11 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/27/2012	9.7 F	07/27/2012	9.7 F	1/0	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-08									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	03/14/2011	3.7	03/11/2009	0.16 F	11/32	70
	Tetrachloroethene	SW8260B	1.4	09/09/2003	**9.7**	03/14/2011	0.19 F	43/0	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	03/14/2011	1.4	04/29/2013	0.23 F	9/34	100
	Trichloroethene	SW8260B	1.0	09/09/2003	**7.6**	03/14/2011	0.58 F	41/2	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/29/2013	28	04/29/2013	28	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/27/2012	1.9 F	07/27/2012	1.9 F	1/1	100
	Chromium-Dissolved	SW6010B	10	07/27/2012	2.7 F	07/27/2012	2.7 F	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/27/2012	6.7 B	07/27/2012	6.7 B	1/0	1300
	Mercury	SW7470A	1.0	07/27/2012	0.20	07/27/2012	0.20	1/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/27/2012	4.5 F	04/29/2013	1.9 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/27/2012	4.1 F	07/27/2012	4.1 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/27/2012	13 F	07/27/2012	13 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/27/2012	12 F	07/27/2012	12 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-LGR-09									
	Dichloroethene, 1,1-	SW8260B	1.2					0/29	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3	10/15/2014	0.11 F	10/15/2014	0.11 F	1/0	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/08/2003	1.6	12/10/2014	0.20 F	25/29	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	06/24/2014	**430**	05/23/2005	2.6	54/0	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/54	100
	Trichloroethene	SW8260B	1.0	09/03/2010	**15**	05/23/2005	2.1	54/0	5
	Vinyl chloride	SW8260B	1.1					0/29	2
	Arsenic	SW6010B	30	09/11/2014	1.1 F	12/10/2014	0.50 F	2/8	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.90 F	08/30/2012	0.90 F	1/4	10
	Barium	SW6010B	5.0	04/29/2013	35	04/29/2013	35	1/0	2000
	Cadmium	SW6010B	7.0	12/10/2014	1.6 F	12/10/2014	1.6 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10	06/12/2013	4.3 F	12/10/2014	1.3 F	8/2	100
	Chromium-Dissolved	SW6010B	10	08/06/2012	83	03/12/2012	2.4 F	2/3	100
	Copper	SW6010B	10					0/10	1300
	Copper-Dissolved	SW6010B	10	08/30/2012	4.0 F	08/06/2012	3.9 F	2/3	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10	12/10/2014	4.0 F	06/12/2013	1.5 F	2/8	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	38	08/06/2012	38	1/4	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/5	15
	Zinc	SW6010B	50	12/10/2014	34 F	09/18/2013	9.0 F	5/5	5000
	Zinc-Dissolved	SW6010B	50	08/06/2012	31 F	08/17/2012	9.6 F	5/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB02-UGR-01									
	cis-1,2-Dichloroethene	SW8260B	1.2					0/3	70
	Tetrachloroethene	SW8260B	1.4	12/02/2004	**9.2**	07/02/2004	3.5	3/0	5
	Toluene	SW8260B	1.1					0/3	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/3	100
	Trichloroethene	SW8260B	1.0	11/18/2004	2.3	12/02/2004	1.4 F	3/0	5

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CS-WB03-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/9	7
	cis-1,2-Dichloroethene	SW8260B	1.2	12/03/2014	1.1 F	03/17/2008	0.29 F	6/8	70
	Tetrachloroethene	SW8260B	1.4	09/17/2008	**2500**	08/30/2005	**300**	14/0	5
	Toluene	SW8260B	1.1					0/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/14	100
	Trichloroethene	SW8260B	1.0	07/24/2012	**50**	07/26/2005	**7.7**	13/1	5
	Vinyl chloride	SW8260B	1.1					0/9	2
	Arsenic	SW6010B	30	12/03/2014	1.9 F	12/03/2014	1.9 F	1/4	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Cadmium	SW6010B	7.0					0/5	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	12/04/2013	6.4 F	07/24/2012	2.1 F	5/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/5	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/5	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	12/04/2013	7.0 F	07/24/2012	2.8 F	5/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/24/2012	1.9 F	07/24/2012	1.9 F	1/0	-- [6]
	Lead	SW6010B	25					0/5	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	12/03/2014	12 F	12/03/2014	12 F	1/4	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/1	7
	cis-1,2-Dichloroethene	SW8260B	1.2	06/29/2005	0.20 F	06/29/2005	0.20 F	1/7	70
	Tetrachloroethene	SW8260B	1.4	11/30/2004	**390**	10/04/2007	**140**	8/0	5
	Toluene	SW8260B	1.1					0/7	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/8	100
	Trichloroethene	SW8260B	1.0	10/04/2007	**11**	04/21/2005	**6.8**	8/0	5
	Vinyl chloride	SW8260B	1.1					0/1	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-03									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	02/23/2005	1.9	06/12/2013	0.15 F	30/12	70
	Tetrachloroethene	SW8260B	1.4	10/15/2003	**67**	09/08/2010	**9.3**	41/1	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/42	100
	Trichloroethene	SW8260B	1.0	11/30/2004	**19**	12/29/2004	**5.8**	41/1	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/22/2013	50	04/22/2013	50	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/24/2012	2.7 F	04/22/2013	1.5 F	2/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/24/2012	1.1 F	07/24/2012	1.1 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50					0/2	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-04									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	03/17/2008	0.23 F	03/16/2006	0.20 F	3/39	70
	Tetrachloroethene	SW8260B	1.4	09/10/2003	**60**	06/12/2013	**12**	42/0	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/42	100
	Trichloroethene	SW8260B	1.0	12/05/2011	**12**	12/18/2003	2.3	42/0	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/22/2013	61	04/22/2013	61	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/22/2013	2.9 F	04/22/2013	2.9 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	04/22/2013	2.4 F	07/24/2012	1.9 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/24/2012	1.6 F	07/24/2012	1.6 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/22/2013	19 F	04/22/2013	19 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-05									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/42	70
	Tetrachloroethene	SW8260B	1.4	09/10/2003	**62**	07/24/2012	**11**	42/0	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/42	100
	Trichloroethene	SW8260B	1.0	10/04/2007	**9.7**	04/21/2005	1.2 F	42/0	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/22/2013	69	04/22/2013	69	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/22/2013	4.3 F	04/22/2013	4.3 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	04/22/2013	11	07/24/2012	8.7	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/24/2012	6.2	07/24/2012	6.2	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/22/2013	25 F	04/22/2013	25 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-06									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	12/03/2014	2.2	04/23/2013	0.24 F	8/34	70
	Tetrachloroethene	SW8260B	1.4	09/10/2003	**79**	06/12/2013	1.6	41/1	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/42	100
	Trichloroethene	SW8260B	1.0	09/10/2003	**9.3**	09/05/2012	0.56 F	41/1	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30	07/24/2012	1.0 F	07/24/2012	1.0 F	1/1	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/23/2013	42	04/23/2013	42	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/24/2012	1.4 F	04/23/2013	1.3 F	2/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10					0/1	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/24/2012	1.4 F	07/24/2012	1.4 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50					0/2	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-07									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	06/12/2013	9.8	09/17/2008	0.18 F	16/27	70
	Tetrachloroethene	SW8260B	1.4	10/15/2003	**72**	06/12/2013	0.48 F	42/1	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	10/04/2007	**28**	12/03/2014	0.20 F	43/0	5
	Vinyl chloride	SW8260B	1.1	12/03/2014	0.45 F	12/03/2014	0.45 F	1/16	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/23/2013	34	04/23/2013	34	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/23/2013	3.9 F	07/25/2012	1.9 F	2/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/25/2012	10 B	07/25/2012	10 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0	07/25/2012	0.20	07/25/2012	0.20	1/0	2
	Nickel	SW6010B	10	07/25/2012	1.9 F	04/23/2013	1.7 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/25/2012	1.3 F	07/25/2012	1.3 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/23/2013	32 F	04/23/2013	32 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-08									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	12/05/2011	8.3	12/03/2003	0.24 F	10/33	70
	Tetrachloroethene	SW8260B	1.4	09/10/2003	**95**	06/12/2013	0.21 F	42/1	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/43	100
	Trichloroethene	SW8260B	1.0	09/10/2003	**8.1**	12/03/2014	0.62 F	43/0	5
	Vinyl chloride	SW8260B	1.1	06/12/2013	0.42 F	12/03/2014	0.33 F	3/14	2
	Arsenic	SW6010B	30	07/25/2012	0.60 F	07/25/2012	0.60 F	1/1	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/23/2013	28	04/23/2013	28	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/23/2013	1.9 F	07/25/2012	1.3 F	2/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/25/2012	10 B	07/25/2012	10 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/23/2013	22 F	07/25/2012	14 F	2/0	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-LGR-09									
	Dichloroethene, 1,1-	SW8260B	1.2					0/27	7
	cis-1,2-Dichloroethene	SW8260B	1.2	12/05/2011	46	05/25/2005	0.20 F	25/28	70
	Tetrachloroethene	SW8260B	1.4	09/10/2003	**150**	12/04/2013	1.3 F	53/0	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/53	100
	Trichloroethene	SW8260B	1.0	10/04/2007	**11**	03/15/2007	0.85 F	53/0	5
	Vinyl chloride	SW8260B	1.1	03/17/2014	0.92 F	03/17/2014	0.92 F	1/26	2
	Arsenic	SW6010B	30	12/03/2014	2.7 F	12/03/2014	2.7 F	1/9	10
	Arsenic-Dissolved	SW6010B	30	08/30/2012	0.70 F	08/16/2012	0.40 F	2/3	10
	Barium	SW6010B	5.0	04/23/2013	35	04/23/2013	35	1/0	2000
	Cadmium	SW6010B	7.0					0/10	5
	Cadmium-Dissolved	SW6010B	7.0					0/5	5
	Chromium	SW6010B	10	09/18/2013	7.3 F	09/10/2014	1.3 F	9/1	100
	Chromium-Dissolved	SW6010B	10	08/06/2012	1.6 F	08/06/2012	1.6 F	1/4	100
	Copper	SW6010B	10	06/24/2014	4.0 F	06/24/2014	4.0 F	1/9	1300
	Copper-Dissolved	SW6010B	10	08/30/2012	3.7 F	08/06/2012	3.4 F	2/3	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/5	2
	Nickel	SW6010B	10	09/18/2013	4.0 F	12/03/2014	2.0 F	4/6	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	24	08/06/2012	24	1/4	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25	08/02/2012	2.5 F	08/02/2012	2.5 F	1/4	15
	Zinc	SW6010B	50	03/13/2012	17 F	12/04/2013	10 F	7/3	5000
	Zinc-Dissolved	SW6010B	50	03/13/2012	30 F	08/30/2012	8.3 F	5/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB03-UGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2	10/04/2007	0.39 F	10/04/2007	0.39 F	1/28	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/26/2005	12	08/19/2011	0.97 F	19/20	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/13/2014	**32000**	07/24/2012	**5.4**	39/0	5
	Toluene	SW8260B	1.1					0/11	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	10/04/2007	0.22 F	10/04/2007	0.22 F	1/38	100
	Trichloroethene	SW8260B	1.0	03/17/2008	**500**	07/24/2012	0.64 F	39/0	5
	Vinyl chloride	SW8260B	1.1					0/29	2
	Arsenic	SW6010B	30	12/03/2014	2.8 F	09/10/2014	1.4 F	2/8	10
	Arsenic-Dissolved	SW6010B	30					0/2	10
	Barium	SW6010B	5.0	04/22/2013	38	04/22/2013	38	1/0	2000
	Cadmium	SW6010B	7.0					0/10	5
	Cadmium-Dissolved	SW6010B	7.0					0/2	5
	Chromium	SW6010B	10	06/12/2013	19	09/10/2014	1.6 F	10/0	100
	Chromium-Dissolved	SW6010B	10					0/2	100
	Copper	SW6010B	10	03/17/2014	10	12/03/2014	4.0 F	2/8	1300
	Copper-Dissolved	SW6010B	10					0/2	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/2	2
	Nickel	SW6010B	10	12/03/2014	11	07/24/2012	2.0 F	6/4	-- [6]
	Nickel-Dissolved	SW6010B	10					0/2	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25					0/2	15
	Zinc	SW6010B	50	07/24/2012	62	03/17/2014	9.0 F	5/5	5000
	Zinc-Dissolved	SW6010B	50	07/24/2012	9.0 F	07/24/2012	9.0 F	1/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-BS-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/29	70
	Tetrachloroethene	SW8260B	1.4	10/16/2003	1.4 F	09/06/2012	0.19 F	3/26	5
	Toluene	SW8260B	1.1					0/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/29	100
	Trichloroethene	SW8260B	1.0	10/16/2003	1.0	11/20/2003	0.30 F	4/25	5
	Vinyl chloride	SW8260B	1.1					0/5	2

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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CS-WB04-BS-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	cis-1,2-Dichloroethene	SW8260B	1.2	10/03/2007	0.25 F	09/06/2012	0.10 F	3/26	70
	Tetrachloroethene	SW8260B	1.4	10/16/2003	0.81 F	09/06/2012	0.33 F	2/27	5
	Toluene	SW8260B	1.1					0/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/29	100
	Trichloroethene	SW8260B	1.0	10/16/2003	0.86 F	03/10/2009	0.18 F	5/24	5
	Vinyl chloride	SW8260B	1.1					0/5	2

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CS-WB04-CC-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	cis-1,2-Dichloroethene	SW8260B	1.2	03/06/2014	0.69 F	04/21/2005	0.23 F	19/10	70
	Tetrachloroethene	SW8260B	1.4	09/06/2012	0.26 F	09/06/2012	0.26 F	1/28	5
	Toluene	SW8260B	1.1					0/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/29	100
	Trichloroethene	SW8260B	1.0	12/01/2004	0.61 F	10/03/2007	0.19 F	6/23	5
	Vinyl chloride	SW8260B	1.1					0/5	2

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CS-WB04-CC-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/29	70
	Tetrachloroethene	SW8260B	1.4	09/18/2003	1.3 F	09/06/2012	0.47 F	4/25	5
	Toluene	SW8260B	1.1					0/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/29	100
	Trichloroethene	SW8260B	1.0	09/18/2003	0.81 F	11/20/2003	0.44 F	4/25	5
	Vinyl chloride	SW8260B	1.1					0/5	2

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CS-WB04-CC-03									
	Dichloroethene, 1,1-	SW8260B	1.2					0/5	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/29	70
	Tetrachloroethene	SW8260B	1.4	09/06/2012	2.7	12/01/2004	1.4 F	3/26	5
	Toluene	SW8260B	1.1					0/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/29	100
	Trichloroethene	SW8260B	1.0	10/16/2003	0.52 F	03/10/2009	0.20 F	4/25	5
	Vinyl chloride	SW8260B	1.1					0/5	2

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CS-WB04-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/18	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/42	70
	Tetrachloroethene	SW8260B	1.4	12/08/2014	1.1 F	03/15/2007	0.24 F	18/24	5
	Toluene	SW8260B	1.1					0/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/42	100
	Trichloroethene	SW8260B	1.0	09/03/2009	0.20 F	09/03/2009	0.20 F	1/41	5
	Vinyl chloride	SW8260B	1.1					0/18	2
	Arsenic	SW6010B	30	09/10/2014	1.0 F	09/10/2014	1.0 F	1/6	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	48	04/24/2013	48	1/0	2000
	Cadmium	SW6010B	7.0	12/08/2014	1.2 F	12/08/2014	1.2 F	1/6	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	12/08/2014	6.8 F	09/10/2014	1.6 F	6/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/7	1300
	Copper-Dissolved	SW6010B	10	07/26/2012	7.3 B	07/26/2012	7.3 B	1/0	1300
	Mercury	SW7470A	1.0					0/7	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	12/08/2014	4.0 F	07/26/2012	1.1 F	3/4	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/7	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	03/06/2014	58	06/25/2014	12 F	3/4	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/4	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/13	70
	Tetrachloroethene	SW8260B	1.4	03/10/2010	0.33 F	03/19/2008	0.25 F	3/10	5
	Toluene	SW8260B	1.1					0/9	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/13	100
	Trichloroethene	SW8260B	1.0					0/13	5
	Vinyl chloride	SW8260B	1.1					0/4	2

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CS-WB04-LGR-03									
	Dichloroethene, 1,1-	SW8260B	1.2					0/14	7
	cis-1,2-Dichloroethene	SW8260B	1.2					0/38	70
	Tetrachloroethene	SW8260B	1.4	09/03/2009	0.27 F	03/15/2011	0.17 F	7/31	5
	Toluene	SW8260B	1.1					0/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/38	100
	Trichloroethene	SW8260B	1.0	03/10/2010	0.18 F	03/10/2010	0.18 F	1/37	5
	Vinyl chloride	SW8260B	1.1					0/14	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	41	04/24/2013	41	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/26/2012	1.4 F	04/24/2013	1.2 F	2/0	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/26/2012	6.8 B	07/26/2012	6.8 B	1/0	1300
	Mercury	SW7470A	1.0	07/26/2012	0.20	07/26/2012	0.20	1/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/24/2013	20 F	04/24/2013	20 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

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CS-WB04-LGR-04									
	Dichloroethene, 1,1-	SW8260B	1.2					0/14	7
	cis-1,2-Dichloroethene	SW8260B	1.2	07/26/2012	0.19 F	09/06/2012	0.10 F	2/37	70
	Tetrachloroethene	SW8260B	1.4	09/06/2012	0.41 F	03/19/2008	0.17 F	6/33	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/39	100
	Trichloroethene	SW8260B	1.0	03/15/2011	0.25 F	09/19/2003	0.13 F	6/33	5
	Vinyl chloride	SW8260B	1.1					0/14	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	71	04/24/2013	71	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/24/2013	2.0 F	04/24/2013	2.0 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/26/2012	7.3 B	07/26/2012	7.3 B	1/0	1300
	Mercury	SW7470A	1.0	07/26/2012	0.20	07/26/2012	0.20	1/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/24/2013	26 F	04/24/2013	26 F	1/1	5000
	Zinc-Dissolved	SW6010B	50					0/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-LGR-06									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	cis-1,2-Dichloroethene	SW8260B	1.2	03/19/2008	4.2	04/21/2005	0.55 F	45/2	70
	Tetrachloroethene	SW8260B	1.4	12/08/2014	**45**	09/28/2006	0.65 F	23/24	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	09/03/2009	0.65	09/06/2012	0.20 F	18/29	100
	Trichloroethene	SW8260B	1.0	09/03/2009	**20**	11/20/2003	0.70 F	47/0	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	33	04/24/2013	33	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/24/2013	1.4 F	04/24/2013	1.4 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/26/2012	7.0 B	07/26/2012	7.0 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	04/24/2013	1.7 F	07/26/2012	1.5 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/26/2012	1.3 F	07/26/2012	1.3 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/24/2013	83	04/24/2013	83	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/26/2012	9.0 F	07/26/2012	9.0 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-LGR-07									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	cis-1,2-Dichloroethene	SW8260B	1.2	03/10/2010	32	07/21/2005	0.20 F	36/11	70
	Tetrachloroethene	SW8260B	1.4	06/25/2014	**33**	03/10/2010	0.34 F	36/11	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	09/03/2010	1.2	09/23/2013	0.18 F	15/32	100
	Trichloroethene	SW8260B	1.0	03/15/2011	**19**	02/25/2004	0.74 F	46/1	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	32	04/24/2013	32	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/24/2013	1.3 F	04/24/2013	1.3 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/26/2012	6.5 B	07/26/2012	6.5 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/26/2012	1.7 F	04/24/2013	1.5 F	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/26/2012	1.1 F	07/26/2012	1.1 F	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/24/2013	11 F	04/24/2013	11 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/26/2012	9.1 F	07/26/2012	9.1 F	1/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-LGR-08									
	Dichloroethene, 1,1-	SW8260B	1.2					0/17	7
	cis-1,2-Dichloroethene	SW8260B	1.2	09/19/2003	1.6	03/15/2011	0.15 F	2/40	70
	Tetrachloroethene	SW8260B	1.4	09/19/2003	2.2	03/10/2009	0.29 F	19/23	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/42	100
	Trichloroethene	SW8260B	1.0	09/19/2003	2.8	10/20/2005	0.60 F	36/6	5
	Vinyl chloride	SW8260B	1.1					0/17	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	31	04/24/2013	31	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10					0/2	100
	Chromium-Dissolved	SW6010B	10	07/26/2012	1.9 F	07/26/2012	1.9 F	1/0	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/26/2012	7.5 B	07/26/2012	7.5 B	1/0	1300
	Mercury	SW7470A	1.0	07/26/2012	0.20	07/26/2012	0.20	1/1	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10	07/26/2012	6.4	04/24/2013	5.0	2/0	-- [6]
	Nickel-Dissolved	SW6010B	10	07/26/2012	6.3	07/26/2012	6.3	1/0	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/24/2013	26 F	07/26/2012	12 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/26/2012	16 F	07/26/2012	16 F	1/0	5000

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[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-LGR-09									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	02/24/2005	1.6	05/25/2005	0.20 F	7/40	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	03/19/2008	**14**	04/24/2013	3.8	47/0	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/47	100
	Trichloroethene	SW8260B	1.0	07/21/2005	**13**	04/24/2013	3.5	47/0	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	34	04/24/2013	34	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	04/24/2013	2.1 F	04/24/2013	2.1 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/25/2012	8.3 B	07/25/2012	8.3 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0					0/1	2
	Nickel	SW6010B	10					0/2	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	04/24/2013	24 F	04/24/2013	24 F	1/1	5000
	Zinc-Dissolved	SW6010B	50	07/25/2012	15 F	07/25/2012	15 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-LGR-10									
	Dichloroethene, 1,1-	SW8260B	1.2					0/22	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/47	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/08/2014	2.5	03/15/2007	0.47 F	30/17	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/47	100
	Trichloroethene	SW8260B	1.0	12/01/2004	1.4 F	03/15/2007	0.48 F	40/7	5
	Vinyl chloride	SW8260B	1.1					0/22	2
	Arsenic	SW6010B	30					0/2	10
	Arsenic-Dissolved	SW6010B	30					0/1	10
	Barium	SW6010B	5.0	04/24/2013	31	04/24/2013	31	1/0	2000
	Cadmium	SW6010B	7.0					0/2	5
	Cadmium-Dissolved	SW6010B	7.0					0/1	5
	Chromium	SW6010B	10	07/25/2012	2.6 F	07/25/2012	2.6 F	1/1	100
	Chromium-Dissolved	SW6010B	10					0/1	100
	Copper	SW6010B	10					0/2	1300
	Copper-Dissolved	SW6010B	10	07/25/2012	9.5 B	07/25/2012	9.5 B	1/0	1300
	Mercury	SW7470A	1.0					0/2	2
	Mercury-Dissolved	SW7470A	1.0	07/25/2012	0.20	07/25/2012	0.20	1/0	2
	Nickel	SW6010B	10	07/25/2012	1.2 F	07/25/2012	1.2 F	1/1	-- [6]
	Nickel-Dissolved	SW6010B	10					0/1	-- [6]
	Lead	SW6010B	25					0/2	15
	Lead-Dissolved	SW6010B	25					0/1	15
	Zinc	SW6010B	50	07/25/2012	30 F	04/24/2013	26 F	2/0	5000
	Zinc-Dissolved	SW6010B	50	07/25/2012	13 F	07/25/2012	13 F	1/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-LGR-11									
	Dichloroethene, 1,1-	SW8260B	1.2					0/28	7
	Bromodichloromethane	SW8260B	0.8					0/1	80 [5]
	Bromoform	SW8260B	1.2					0/1	80 [5]
	Chloroform	SW8260B	0.3					0/1	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2					0/53	70
	Dibromochloromethane	SW8260B	0.5					0/1	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/1	-- [6]
	Methylene chloride	SW8260B	2.0					0/1	5
	Naphthalene	SW8260B	1.0					0/1	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/18/2008	3.5	07/22/2013	0.12 F	16/37	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/53	100
	Trichloroethene	SW8260B	1.0	09/18/2003	1.2	03/13/2012	0.21 F	4/49	5
	Vinyl chloride	SW8260B	1.1	03/06/2014	0.42 F	03/06/2014	0.42 F	1/27	2
	Arsenic	SW6010B	30	09/10/2014	1.4 F	09/10/2014	1.4 F	1/9	10
	Arsenic-Dissolved	SW6010B	30					0/6	10
	Barium	SW6010B	5.0	04/24/2013	36	04/24/2013	36	1/0	2000
	Cadmium	SW6010B	7.0	12/08/2014	1.4 F	12/08/2014	1.4 F	1/9	5
	Cadmium-Dissolved	SW6010B	7.0					0/6	5
	Chromium	SW6010B	10	12/02/2013	4.0 F	12/08/2014	1.1 F	10/0	100
	Chromium-Dissolved	SW6010B	10	03/13/2012	1.2 F	03/13/2012	1.2 F	1/5	100
	Copper	SW6010B	10					0/10	1300
	Copper-Dissolved	SW6010B	10	08/06/2012	3.1 F	08/06/2012	3.1 F	1/5	1300
	Mercury	SW7470A	1.0					0/10	2
	Mercury-Dissolved	SW7470A	1.0					0/6	2
	Nickel	SW6010B	10	03/06/2014	2.0 F	07/22/2013	1.3 F	2/8	-- [6]
	Nickel-Dissolved	SW6010B	10	08/06/2012	6.7	08/06/2012	6.7	1/5	-- [6]
	Lead	SW6010B	25					0/10	15
	Lead-Dissolved	SW6010B	25	08/30/2012	2.6 F	08/30/2012	2.6 F	1/5	15
	Zinc	SW6010B	50	03/06/2014	820	12/08/2014	13 F	7/3	5000
	Zinc-Dissolved	SW6010B	50	08/06/2012	30 F	08/16/2012	11 F	5/1	5000

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB04-UGR-01									
	cis-1,2-Dichloroethene	SW8260B	1.2					0/1	70
	Tetrachloroethene	SW8260B	1.4	11/18/2004	**9.5**	11/18/2004	**9.5**	1/0	5
	Toluene	SW8260B	1.1					0/1	1000
	trans-1,2-Dichloroethene	SW8260B	0.6					0/1	100
	Trichloroethene	SW8260B	1.0					0/1	5

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB05-BS-01									
	Dichloroethene, 1,1-	SW8260B	1.2	10/26/2009	0.52 B	10/26/2009	0.52 B	1/29	7
	Bromodichloromethane	SW8260B	0.8					0/30	80 [5]
	Bromoform	SW8260B	1.2					0/30	80 [5]
	Chloroform	SW8260B	0.3					0/30	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	11/21/2005	**360**	04/04/2013	15	30/0	70
	Dibromochloromethane	SW8260B	0.5					0/30	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/30	-- [6]
	Methylene chloride	SW8260B	2.0	11/21/2005	**25**	11/21/2005	**25**	1/29	5
	Naphthalene	SW8260B	1.0					0/30	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/21/2005	**180**	01/22/2008	0.17 F	15/15	5
	Toluene	SW8260B	1.1					0/30	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/28/2009	7.3	10/26/2011	0.24 F	18/12	100
	Trichloroethene	SW8260B	1.0	11/21/2005	**250**	10/22/2012	0.18 F	25/5	5
	Vinyl chloride	SW8260B	1.1	10/26/2011	**12**	01/21/2010	0.84 F	14/16	2
	Arsenic	SW6010B	30	01/30/2006	**15** F	10/26/2011	0.70 F	11/16	10
	Barium	SW6010B	5.0	07/22/2010	31	01/22/2009	20	17/0	2000
	Cadmium	SW6010B	7.0	04/29/2009	0.97 F	04/29/2009	0.97 F	1/16	5
	Chromium	SW6010B	10	07/16/2007	6.3	10/25/2010	1.1 F	13/4	100
	Copper	SW6010B	10	07/22/2010	4.2 F	07/22/2010	4.2 F	1/16	1300
	Mercury	SW7470A	1.0	04/29/2009	0.18 B	07/21/2008	0.06 F	7/9	2
	Nickel	SW6010B	10	07/16/2007	3.9 F	10/26/2009	0.54 F	7/10	-- [6]
	Lead	SW6010B	25	07/21/2008	3.6 F	07/21/2008	3.6 F	1/16	15
	Zinc	SW6010B	50	10/25/2010	93	04/21/2010	2.9 F	16/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB05-CC-01									
	Dichloroethene, 1,1-	SW8260B	1.2	10/23/2007	0.52 F	07/16/2007	0.38 F	3/27	7
	Bromodichloromethane	SW8260B	0.8					0/30	80 [5]
	Bromoform	SW8260B	1.2					0/30	80 [5]
	Chloroform	SW8260B	0.3					0/30	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	11/21/2005	**510**	10/24/2014	0.74 F	30/0	70
	Dibromochloromethane	SW8260B	0.5					0/30	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/30	-- [6]
	Methylene chloride	SW8260B	2.0	11/21/2005	**33**	11/21/2005	**33**	1/29	5
	Naphthalene	SW8260B	1.0	10/10/2006	**10** F	10/10/2006	**10** F	1/29	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/21/2005	**340**	07/25/2011	0.25 F	25/5	5
	Toluene	SW8260B	1.1	10/23/2007	0.18 F	10/23/2007	0.18 F	1/29	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	10/23/2007	5.7	07/21/2008	0.25 F	22/8	100
	Trichloroethene	SW8260B	1.0	11/21/2005	**350**	10/24/2014	0.57 F	30/0	5
	Vinyl chloride	SW8260B	1.1	07/21/2010	0.74 F	07/21/2010	0.74 F	1/29	2
	Arsenic	SW6010B	30	07/16/2007	**12**	04/25/2011	0.30 F	14/13	10
	Barium	SW6010B	5.0	07/21/2008	150	07/27/2009	20	17/0	2000
	Cadmium	SW6010B	7.0					0/17	5
	Chromium	SW6010B	10	10/10/2006	35	07/21/2010	1.6 F	13/4	100
	Copper	SW6010B	10	10/24/2008	1.8 F	04/28/2008	1.1 F	4/13	1300
	Mercury	SW7470A	1.0	01/30/2006	0.34	01/21/2010	0.076 F	7/9	2
	Nickel	SW6010B	10	10/10/2006	26	07/21/2010	0.48 F	17/0	-- [6]
	Lead	SW6010B	25	07/21/2008	2.7 F	07/21/2008	2.7 F	1/16	15
	Zinc	SW6010B	50	01/22/2008	1400	04/28/2008	7.8 F	16/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB05-CC-02									
	Dichloroethene, 1,1-	SW8260B	1.2	04/28/2008	1.3	10/25/2010	0.19 F	10/20	7
	Bromodichloromethane	SW8260B	0.8					0/30	80 [5]
	Bromoform	SW8260B	1.2					0/30	80 [5]
	Chloroform	SW8260B	0.3					0/30	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	11/21/2005	**480**	10/27/2014	12	30/0	70
	Dibromochloromethane	SW8260B	0.5					0/30	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/30	-- [6]
	Methylene chloride	SW8260B	2.0	11/21/2005	**44**	11/21/2005	**44**	1/29	5
	Naphthalene	SW8260B	1.0	10/10/2006	**8.3** F	10/10/2006	**8.3** F	1/29	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/21/2005	**300**	01/22/2008	0.20 F	23/7	5
	Toluene	SW8260B	1.1	04/28/2008	0.19 F	04/25/2011	0.11 F	2/28	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/04/2013	9.9	01/24/2011	0.89	27/3	100
	Trichloroethene	SW8260B	1.0	10/23/2007	**420**	10/27/2014	1.0	30/0	5
	Vinyl chloride	SW8260B	1.1	01/21/2010	**10**	04/25/2011	0.28 F	11/19	2
	Arsenic	SW6010B	30	01/27/2006	**13** F	04/04/2013	0.30 F	17/10	10
	Barium	SW6010B	5.0	10/25/2010	25	10/10/2006	16	17/0	2000
	Cadmium	SW6010B	7.0					0/17	5
	Chromium	SW6010B	10	04/28/2009	7.8	10/10/2006	1.1 F	9/8	100
	Copper	SW6010B	10	10/24/2008	2.0 F	07/21/2008	1.0 F	2/15	1300
	Mercury	SW7470A	1.0	07/21/2008	0.17 F	10/25/2010	0.05 F	6/10	2
	Nickel	SW6010B	10	01/27/2006	3.8 F	07/27/2009	0.59 F	9/8	-- [6]
	Lead	SW6010B	25	07/21/2008	1.9 F	01/22/2009	1.8 F	2/15	15
	Zinc	SW6010B	50	10/25/2010	110	01/22/2008	6.3 F	15/2	5000

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CS-WB05-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/24	7
	Bromodichloromethane	SW8260B	0.8					0/24	80 [5]
	Bromoform	SW8260B	1.2					0/24	80 [5]
	Chloroform	SW8260B	0.3					0/24	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/29/2013	3.6	07/17/2007	0.64 F	23/1	70
	Dibromochloromethane	SW8260B	0.5					0/24	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/24	-- [6]
	Methylene chloride	SW8260B	2.0	01/26/2009	0.73 F	01/26/2009	0.73 F	1/23	5
	Naphthalene	SW8260B	1.0					0/24	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/24/2007	3.2	04/19/2012	0.15 F	14/10	5
	Toluene	SW8260B	1.1	07/29/2009	0.18 F	07/29/2009	0.18 F	2/22	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	10/29/2013	1.2	04/26/2011	0.29 F	13/11	100
	Trichloroethene	SW8260B	1.0	04/29/2009	2.4	04/28/2008	0.48 F	23/1	5
	Vinyl chloride	SW8260B	1.1	10/23/2012	0.43 F	10/29/2013	0.42 F	2/22	2
	Arsenic	SW6010B	30	10/24/2007	**13**	10/23/2012	0.70 F	12/12	10
	Barium	SW6010B	5.0	10/24/2007	43	04/28/2008	22	14/0	2000
	Cadmium	SW6010B	7.0					0/14	5
	Chromium	SW6010B	10	04/29/2009	27	01/26/2009	1.4 F	11/3	100
	Copper	SW6010B	10					0/14	1300
	Mercury	SW7470A	1.0	04/29/2009	0.18 B	10/26/2010	0.05 F	7/7	2
	Nickel	SW6010B	10	04/29/2009	23	10/26/2010	2.4 F	14/0	-- [6]
	Lead	SW6010B	25	07/22/2008	3.4 F	01/26/2009	2.4 F	2/12	15
	Zinc	SW6010B	50	07/26/2010	41 F	04/28/2008	4.7 F	14/0	5000

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB05-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/8	7
	Bromodichloromethane	SW8260B	0.8					0/8	80 [5]
	Bromoform	SW8260B	1.2					0/8	80 [5]
	Chloroform	SW8260B	0.3					0/8	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/26/2010	53	07/17/2007	5.6	8/0	70
	Dibromochloromethane	SW8260B	0.5					0/8	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/8	-- [6]
	Methylene chloride	SW8260B	2.0					0/8	5
	Naphthalene	SW8260B	1.0					0/8	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/17/2007	0.41 F	07/17/2007	0.41 F	1/7	5
	Toluene	SW8260B	1.1					0/8	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	01/24/2008	6.6	07/17/2007	0.25 F	7/1	100
	Trichloroethene	SW8260B	1.0	10/26/2010	**11**	01/20/2010	0.35 F	8/0	5
	Vinyl chloride	SW8260B	1.1					0/8	2
	Arsenic	SW6010B	30	11/02/2009	**25**	10/26/2010	1.4 F	4/4	10
	Barium	SW6010B	5.0	04/22/2010	50	11/02/2009	34	8/0	2000
	Cadmium	SW6010B	7.0					0/8	5
	Chromium	SW6010B	10	01/24/2008	7.2	10/24/2007	1.6 F	6/2	100
	Copper	SW6010B	10	07/17/2007	40	07/17/2007	40	1/7	1300
	Mercury	SW7470A	1.0	07/17/2007	0.13 F	11/02/2009	0.065 B	5/3	2
	Nickel	SW6010B	10	07/17/2007	17	11/02/2009	1.9 F	8/0	-- [6]
	Lead	SW6010B	25					0/8	15
	Zinc	SW6010B	50	01/20/2010	47 F	11/02/2009	3.8 F	7/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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CS-WB05-LGR03A									
	Dichloroethene, 1,1-	SW8260B	1.2					0/11	7
	Bromodichloromethane	SW8260B	0.8					0/11	80 [5]
	Bromoform	SW8260B	1.2					0/11	80 [5]
	Chloroform	SW8260B	0.3					0/11	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/26/2010	**130**	01/23/2008	34	11/0	70
	Dibromochloromethane	SW8260B	0.5					0/11	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/11	-- [6]
	Methylene chloride	SW8260B	2.0					0/11	5
	Naphthalene	SW8260B	1.0					0/11	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/17/2007	**40**	07/26/2010	0.16 F	10/1	5
	Toluene	SW8260B	1.1					0/11	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/26/2010	18	01/23/2008	0.97	10/1	100
	Trichloroethene	SW8260B	1.0	10/24/2007	**98**	01/25/2011	1.6	11/0	5
	Vinyl chloride	SW8260B	1.1	04/18/2012	**23**	07/26/2010	1.3	4/7	2
	Arsenic	SW6010B	30	04/29/2008	**13**	10/26/2010	2.6 F	6/5	10
	Barium	SW6010B	5.0	01/20/2010	34	10/24/2007	28	9/0	2000
	Cadmium	SW6010B	7.0					0/9	5
	Chromium	SW6010B	10	01/23/2008	11	07/26/2010	1.6 F	4/5	100
	Copper	SW6010B	10	07/17/2007	1.0 F	07/17/2007	1.0 F	1/8	1300
	Mercury	SW7470A	1.0	07/17/2007	0.16 F	01/20/2010	0.06 F	4/5	2
	Nickel	SW6010B	10	01/23/2008	14	04/22/2010	2.7 F	9/0	-- [6]
	Lead	SW6010B	25					0/9	15
	Zinc	SW6010B	50	07/26/2010	74	04/22/2010	4.8 F	9/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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CS-WB05-LGR03B									
	Dichloroethene, 1,1-	SW8260B	1.2					0/61	7
	Bromodichloromethane	SW8260B	0.8					0/61	80 [5]
	Bromoform	SW8260B	1.2					0/61	80 [5]
	Chloroform	SW8260B	0.3	01/19/2012	0.11 F	01/19/2012	0.11 F	1/60	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	08/16/2010	**270**	10/12/2006	32	61/0	70
	Dibromochloromethane	SW8260B	0.5					0/61	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/61	-- [6]
	Methylene chloride	SW8260B	2.0	08/09/2006	2.6	08/09/2006	2.6	1/60	5
	Naphthalene	SW8260B	1.0	05/04/2006	2.2	10/26/2009	0.52	2/59	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/31/2006	**46** B	10/15/2008	0.19 F	34/27	5
	Toluene	SW8260B	1.1	07/20/2009	0.20 F	12/18/2008	0.18 F	2/59	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	05/17/2011	41	10/12/2006	0.85 F	58/3	100
	Trichloroethene	SW8260B	1.0	12/17/2007	**98**	03/18/2009	0.18 F	59/2	5
	Vinyl chloride	SW8260B	1.1	04/18/2012	**25**	01/20/2010	0.24 F	22/39	2
	Arsenic	SW6010B	30	01/31/2006	**26** F	11/17/2010	0.70 F	34/23	10
	Barium	SW6010B	5.0	06/15/2009	38	11/17/2008	25	46/0	2000
	Cadmium	SW6010B	7.0					0/46	5
	Chromium	SW6010B	10	06/05/2006	29	02/22/2010	1.4 F	34/12	100
	Copper	SW6010B	10	11/16/2009	49 B	07/17/2007	1.1 F	18/28	1300
	Mercury	SW7470A	1.0	06/17/2008	0.55	11/17/2010	0.05 F	21/24	2
	Nickel	SW6010B	10	01/31/2006	20	07/19/2010	1.2 F	45/1	-- [6]
	Lead	SW6010B	25	11/17/2010	6.9	06/05/2006	1.2 F	10/36	15
	Zinc	SW6010B	50	01/31/2006	120	10/18/2010	9.0 F	39/7	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB05-LGR-04A									
	Dichloroethene, 1,1-	SW8260B	1.2	07/28/2009	0.58 F	10/29/2013	0.17 F	6/24	7
	Bromodichloromethane	SW8260B	0.8					0/30	80 [5]
	Bromoform	SW8260B	1.2					0/30	80 [5]
	Chloroform	SW8260B	0.3	04/28/2008	0.18 F	04/28/2008	0.18 F	1/29	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/22/2010	**570**	05/04/2006	18	30/0	70
	Dibromochloromethane	SW8260B	0.5					0/30	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/30	-- [6]
	Methylene chloride	SW8260B	2.0	11/21/2005	**20**	05/04/2006	0.65 F	2/28	5
	Naphthalene	SW8260B	1.0	10/11/2006	**0.76** F	10/11/2006	0.76 F	1/29	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/20/2010	**90**	01/04/2007	0.24 F	26/4	5
	Toluene	SW8260B	1.1	07/28/2009	0.26 F	01/23/2008	0.19 F	3/27	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/28/2009	80	10/11/2006	0.29 F	25/5	100
	Trichloroethene	SW8260B	1.0	04/22/2010	**250**	10/24/2014	0.34 F	30/0	5
	Vinyl chloride	SW8260B	1.1	04/22/2014	**93**	04/28/2008	0.40 F	18/12	2
	Arsenic	SW6010B	30	01/30/2006	**46**	04/26/2011	0.80 F	16/11	10
	Barium	SW6010B	5.0	10/23/2008	39	10/11/2006	26	18/0	2000
	Cadmium	SW6010B	7.0					0/18	5
	Chromium	SW6010B	10	07/28/2009	27	07/17/2007	2.1 F	10/8	100
	Copper	SW6010B	10	05/04/2006	5.6 F	04/28/2008	1.2 F	5/13	1300
	Mercury	SW7470A	1.0	04/29/2009	0.18 B	10/26/2010	0.06 F	7/10	2
	Nickel	SW6010B	10	04/29/2009	18	01/20/2010	1.2 F	14/4	-- [6]
	Lead	SW6010B	25	01/26/2009	2.9 F	08/09/2006	1.2 F	3/15	15
	Zinc	SW6010B	50	06/05/2006	73	01/30/2006	1.3 F	17/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB05-LGR-04B									
	Dichloroethene, 1,1-	SW8260B	1.2	10/26/2009	1.6 B	10/29/2013	0.22 F	12/20	7
	Bromodichloromethane	SW8260B	0.8					0/32	80 [5]
	Bromoform	SW8260B	1.2					0/32	80 [5]
	Chloroform	SW8260B	0.3	07/16/2007	0.37	04/04/2013	0.07 F	8/24	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/26/2009	**860**	10/22/2012	16	32/0	70
	Dibromochloromethane	SW8260B	0.5					0/32	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/32	-- [6]
	Methylene chloride	SW8260B	2.0	05/05/2006	**40**	04/29/2009	1.3 B	4/28	5
	Naphthalene	SW8260B	1.0					0/32	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/30/2006	**590**	10/22/2012	0.35 F	32/0	5
	Toluene	SW8260B	1.1					0/32	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/28/2009	61	07/16/2007	0.63	23/9	100
	Trichloroethene	SW8260B	1.0	01/30/2006	**560**	10/22/2012	3.0	32/0	5
	Vinyl chloride	SW8260B	1.1	07/22/2010	**300**	01/21/2010	0.95 F	22/10	2
	Arsenic	SW6010B	30	10/26/2009	**60**	04/22/2014	1.5 F	22/7	10
	Barium	SW6010B	5.0	01/23/2008	41	10/26/2010	19	19/0	2000
	Cadmium	SW6010B	7.0	07/22/2008	1.0 F	07/22/2008	1.0 F	1/18	5
	Chromium	SW6010B	10	04/29/2009	6.2	10/23/2008	1.6 F	12/7	100
	Copper	SW6010B	10	07/22/2010	2.2 F	04/28/2008	1.6 F	2/17	1300
	Mercury	SW7470A	1.0	04/29/2009	0.24 B	05/05/2006	0.05 F	9/9	2
	Nickel	SW6010B	10	07/22/2010	90	01/30/2006	0.58 F	18/1	-- [6]
	Lead	SW6010B	25	01/26/2009	2.9 F	01/26/2009	2.9 F	1/18	15
	Zinc	SW6010B	50	07/22/2010	43 F	04/28/2008	3.9 F	17/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB06-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/27	7
	Bromodichloromethane	SW8260B	0.8					0/27	80 [5]
	Bromoform	SW8260B	1.2					0/27	80 [5]
	Chloroform	SW8260B	0.3	07/22/2009	0.09 F	10/15/2009	0.085 F	2/25	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/25/2007	**87**	10/28/2014	9.5	27/0	70
	Dibromochloromethane	SW8260B	0.5					0/27	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/27	-- [6]
	Methylene chloride	SW8260B	2.0					0/27	5
	Naphthalene	SW8260B	1.0					0/27	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/22/2009	**49**	04/29/2010	4.4	27/0	5
	Toluene	SW8260B	1.1	07/30/2008	0.17 F	07/30/2008	0.17 F	1/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/25/2007	4.0	04/24/2012	0.22 F	23/4	100
	Trichloroethene	SW8260B	1.0	01/10/2007	**44**	10/28/2014	**6.2**	27/0	5
	Vinyl chloride	SW8260B	1.1	10/21/2008	**9.7**	07/28/2010	0.35 F	7/20	2
	Arsenic	SW6010B	30	04/24/2008	**15**	07/27/2011	0.60 F	6/19	10
	Barium	SW6010B	5.0	07/25/2007	92	10/17/2007	35	15/0	2000
	Cadmium	SW6010B	7.0					0/15	5
	Chromium	SW6010B	10	10/21/2008	24	10/05/2009	2.0 F	14/1	100
	Copper	SW6010B	10	07/28/2010	16 B	10/15/2009	1.3 F	3/12	1300
	Mercury	SW7470A	1.0	10/21/2008	0.25 B	04/29/2010	0.061 F	6/9	2
	Nickel	SW6010B	10	10/21/2008	15	01/27/2010	0.58 F	15/0	-- [6]
	Lead	SW6010B	25	04/23/2009	3.5 F	01/29/2008	1.9 F	3/12	15
	Zinc	SW6010B	50	07/28/2010	76	07/30/2008	5.2 F	12/3	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB06-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/28	7
	Bromodichloromethane	SW8260B	0.8					0/28	80 [5]
	Bromoform	SW8260B	1.2					0/28	80 [5]
	Chloroform	SW8260B	0.3					0/28	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	10/05/2009	49	01/05/2007	8.6	27/1	70
	Dibromochloromethane	SW8260B	0.5					0/28	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/28	-- [6]
	Methylene chloride	SW8260B	2.0					0/28	5
	Naphthalene	SW8260B	1.0					0/28	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/23/2009	**13**	01/29/2008	0.25 F	27/1	5
	Toluene	SW8260B	1.1	07/28/2008	0.17 F	04/28/2011	0.08 F	2/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/22/2009	4.0	10/29/2012	0.30 F	24/4	100
	Trichloroethene	SW8260B	1.0	10/05/2009	**16**	10/28/2014	0.67 F	27/1	5
	Vinyl chloride	SW8260B	1.1	04/09/2013	0.58 F	01/26/2011	0.27 F	8/20	2
	Arsenic	SW6010B	30	01/26/2006	**39**	07/27/2011	0.50 F	7/19	10
	Barium	SW6010B	5.0	04/29/2010	88	01/26/2006	37	16/0	2000
	Cadmium	SW6010B	7.0					0/16	5
	Chromium	SW6010B	10	07/28/2008	13	04/29/2010	1.4 F	13/3	100
	Copper	SW6010B	10	04/29/2010	4.0 B	10/15/2009	1.8 F	2/14	1300
	Mercury	SW7470A	1.0	10/21/2008	0.29 B	01/29/2009	0.09 F	5/11	2
	Nickel	SW6010B	10	01/26/2006	16	07/28/2010	0.66 F	16/0	-- [6]
	Lead	SW6010B	25	04/24/2008	3.1 F	07/28/2008	2.1 F	4/12	15
	Zinc	SW6010B	50	04/23/2009	64	01/29/2008	4.3 F	15/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB06-LGR03A									
	Dichloroethene, 1,1-	SW8260B	1.2	01/26/2011	0.55 F	04/28/2011	0.18 F	5/22	7
	Bromodichloromethane	SW8260B	0.8					0/27	80 [5]
	Bromoform	SW8260B	1.2					0/27	80 [5]
	Chloroform	SW8260B	0.3	10/22/2009	0.12 F	01/29/2009	0.071 F	3/24	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/22/2009	**300**	10/27/2014	**110**	27/0	70
	Dibromochloromethane	SW8260B	0.5					0/27	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/27	-- [6]
	Methylene chloride	SW8260B	2.0					0/27	5
	Naphthalene	SW8260B	1.0					0/27	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/22/2009	**190**	10/27/2014	**36**	27/0	5
	Toluene	SW8260B	1.1	04/24/2008	0.26 F	04/28/2011	0.07 F	4/23	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/22/2009	20	04/29/2010	0.38 F	24/3	100
	Trichloroethene	SW8260B	1.0	10/22/2009	**200**	10/27/2014	**50**	27/0	5
	Vinyl chloride	SW8260B	1.1	07/23/2007	0.26 F	07/23/2007	0.26 F	1/26	2
	Arsenic	SW6010B	30	04/24/2008	**19**	04/15/2014	0.40 F	13/12	10
	Barium	SW6010B	5.0	04/29/2010	31	01/27/2010	24	14/1	2000
	Cadmium	SW6010B	7.0	07/28/2010	0.53 F	07/28/2010	0.53 F	1/14	5
	Chromium	SW6010B	10	10/21/2008	11	10/22/2009	1.7 F	12/3	100
	Copper	SW6010B	10	04/29/2010	4.3 B	10/05/2009	1.3 F	3/12	1300
	Mercury	SW7470A	1.0	10/21/2008	0.30 B	01/29/2009	0.062 F	6/9	2
	Nickel	SW6010B	10	10/21/2008	8.9	01/27/2010	2.0 F	14/1	-- [6]
	Lead	SW6010B	25	07/28/2008	7.2	04/22/2009	1.8 F	3/12	15
	Zinc	SW6010B	50	04/22/2009	69	07/22/2009	7.5 F	14/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB06-LGR03B									
	Dichloroethene, 1,1-	SW8260B	1.2	04/15/2014	0.42 F	03/21/2011	0.30 F	12/52	7
	Bromodichloromethane	SW8260B	0.8					0/64	80 [5]
	Bromoform	SW8260B	1.2					0/64	80 [5]
	Chloroform	SW8260B	0.3	01/19/2012	0.15 F	06/18/2007	0.094 F	10/54	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	11/26/2007	**340**	09/20/2010	**91**	64/0	70
	Dibromochloromethane	SW8260B	0.5					0/64	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/64	-- [6]
	Methylene chloride	SW8260B	2.0					0/64	5
	Naphthalene	SW8260B	1.0					0/64	-- [6]
	Tetrachloroethene	SW8260B	1.4	11/26/2007	**320**	09/20/2010	**28**	64/0	5
	Toluene	SW8260B	1.1	05/19/2008	0.29 F	01/18/2011	0.11 F	11/53	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/20/2009	26	09/23/2008	0.25 F	61/3	100
	Trichloroethene	SW8260B	1.0	11/26/2007	**370**	09/20/2010	**43**	64/0	5
	Vinyl chloride	SW8260B	1.1	10/16/2007	0.41 F	04/21/2008	0.23 F	6/58	2
	Arsenic	SW6010B	30	01/26/2006	**28** F	10/23/2013	0.30 F	21/15	10
	Barium	SW6010B	5.0	11/17/2010	43	01/27/2010	24	19/0	2000
	Cadmium	SW6010B	7.0	08/16/2010	0.59 F	07/20/2009	0.52 F	2/17	5
	Chromium	SW6010B	10	10/15/2008	9.4	09/20/2010	1.3 F	12/7	100
	Copper	SW6010B	10	08/16/2010	13	01/21/2008	1.7 F	5/14	1300
	Mercury	SW7470A	1.0	01/27/2010	0.19 F	09/20/2010	0.05 F	12/7	2
	Nickel	SW6010B	10	01/26/2006	11	07/19/2010	1.9 F	19/0	-- [6]
	Lead	SW6010B	25	11/17/2010	6.3	04/20/2009	1.6 F	6/13	15
	Zinc	SW6010B	50	07/20/2009	160	10/15/2008	3.2 F	18/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB06-LGR-04									
	Dichloroethene, 1,1-	SW8260B	1.2	07/21/2009	1.0 F	04/08/2013	0.16 F	15/13	7
	Bromodichloromethane	SW8260B	0.8					0/28	80 [5]
	Bromoform	SW8260B	1.2					0/28	80 [5]
	Chloroform	SW8260B	0.3	01/04/2007	0.29 F	10/23/2013	0.08 F	18/10	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/29/2008	**460**	10/27/2014	**110**	28/0	70
	Dibromochloromethane	SW8260B	0.5					0/28	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0	04/28/2011	**0.22** F	04/28/2011	**0.22** F	1/27	-- [6]
	Methylene chloride	SW8260B	2.0					0/28	5
	Naphthalene	SW8260B	1.0					0/28	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/29/2008	**370**	10/27/2014	**41**	28/0	5
	Toluene	SW8260B	1.1	04/23/2012	0.27 F	04/23/2012	0.27 F	1/27	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/21/2009	37	10/27/2014	0.74	24/4	100
	Trichloroethene	SW8260B	1.0	01/29/2008	**280**	10/27/2014	**31**	28/0	5
	Vinyl chloride	SW8260B	1.1	10/25/2012	1.4	10/23/2013	0.26 F	3/25	2
	Arsenic	SW6010B	30	04/24/2008	8.5	07/26/2011	0.40 F	5/21	10
	Barium	SW6010B	5.0	07/21/2009	35	01/27/2010	26	16/0	2000
	Cadmium	SW6010B	7.0	07/28/2010	1.1 F	07/28/2010	1.1 F	1/15	5
	Chromium	SW6010B	10	10/21/2008	12	04/24/2008	2.0 F	9/7	100
	Copper	SW6010B	10	04/29/2010	4.0 B	07/28/2008	1.4 F	2/14	1300
	Mercury	SW7470A	1.0	10/21/2008	0.28 B	04/29/2010	0.06 F	8/8	2
	Nickel	SW6010B	10	10/21/2008	7.1	01/27/2010	0.58 F	13/3	-- [6]
	Lead	SW6010B	25	01/27/2010	5.2	01/29/2008	1.9 F	3/13	15
	Zinc	SW6010B	50	04/22/2009	58	07/28/2008	4.1 F	14/2	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB06-UGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2	10/05/2009	0.60 F	04/09/2013	0.28 F	2/23	7
	Bromodichloromethane	SW8260B	0.8					0/25	80 [5]
	Bromoform	SW8260B	1.2					0/25	80 [5]
	Chloroform	SW8260B	0.3					0/25	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/28/2010	**290**	10/28/2014	1.0 F	25/0	70
	Dibromochloromethane	SW8260B	0.5					0/25	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/25	-- [6]
	Methylene chloride	SW8260B	2.0					0/25	5
	Naphthalene	SW8260B	1.0					0/25	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/05/2009	**190**	04/16/2014	0.25 F	23/2	5
	Toluene	SW8260B	1.1	10/17/2007	0.26 F	10/17/2007	0.26 F	1/24	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/30/2008	15	01/27/2010	0.19 F	21/4	100
	Trichloroethene	SW8260B	1.0	11/01/2011	**68**	01/29/2009	0.21 F	24/1	5
	Vinyl chloride	SW8260B	1.1	07/30/2008	**53** F	10/29/2010	0.24 F	18/7	2
	Arsenic	SW6010B	30	04/09/2013	**64**	11/01/2011	0.50 F	9/16	10
	Barium	SW6010B	5.0	10/21/2008	85	07/25/2007	35	15/0	2000
	Cadmium	SW6010B	7.0	07/30/2008	1.8 F	07/30/2008	1.8 F	1/14	5
	Chromium	SW6010B	10	04/23/2009	11	04/24/2008	2.2 F	14/1	100
	Copper	SW6010B	10	07/28/2010	14 B	01/29/2008	1.2 F	3/12	1300
	Mercury	SW7470A	1.0	10/21/2008	0.24 B	10/17/2007	0.066 F	7/8	2
	Nickel	SW6010B	10	10/21/2008	29	01/27/2010	3.6 F	15/0	-- [6]
	Lead	SW6010B	25	01/27/2010	4.0 F	10/05/2009	1.6 F	3/12	15
	Zinc	SW6010B	50	10/17/2007	59	01/27/2010	5.5 F	12/3	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB07-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/25	7
	Bromodichloromethane	SW8260B	0.8					0/25	80 [5]
	Bromoform	SW8260B	1.2					0/25	80 [5]
	Chloroform	SW8260B	0.3					0/25	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/23/2012	**120**	07/19/2007	0.19 F	22/3	70
	Dibromochloromethane	SW8260B	0.5					0/25	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/25	-- [6]
	Methylene chloride	SW8260B	2.0	01/27/2009	0.62 F	01/27/2009	0.62 F	1/24	5
	Naphthalene	SW8260B	1.0					0/25	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/28/2008	1.5	10/14/2009	0.22 F	16/9	5
	Toluene	SW8260B	1.1					0/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	10/23/2013	5.2	01/27/2009	0.22 F	15/10	100
	Trichloroethene	SW8260B	1.0	04/23/2012	**27**	10/27/2010	0.39 F	24/1	5
	Vinyl chloride	SW8260B	1.1	04/23/2012	**27**	10/14/2009	**2.3**	10/15	2
	Arsenic	SW6010B	30	04/30/2008	9.0	04/14/2014	0.60 F	11/12	10
	Barium	SW6010B	5.0	10/27/2010	120	10/18/2007	58	14/0	2000
	Cadmium	SW6010B	7.0					0/14	5
	Chromium	SW6010B	10	07/29/2010	24	04/28/2010	1.4 F	11/3	100
	Copper	SW6010B	10	04/28/2010	4.0 B	04/30/2008	1.1 F	3/11	1300
	Mercury	SW7470A	1.0	10/22/2008	0.27 B	10/27/2010	0.05 F	7/7	2
	Nickel	SW6010B	10	07/29/2010	17	01/25/2010	3.3 F	14/0	-- [6]
	Lead	SW6010B	25					0/14	15
	Zinc	SW6010B	50	07/29/2010	30 F	04/28/2009	2.4 F	13/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB07-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/26	7
	Bromodichloromethane	SW8260B	0.8					0/26	80 [5]
	Bromoform	SW8260B	1.2					0/26	80 [5]
	Chloroform	SW8260B	0.3					0/26	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/23/2012	**160**	01/25/2010	0.18 F	19/7	70
	Dibromochloromethane	SW8260B	0.5					0/26	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/26	-- [6]
	Methylene chloride	SW8260B	2.0	01/27/2009	0.58 F	01/27/2009	0.58 F	1/25	5
	Naphthalene	SW8260B	1.0					0/26	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/08/2007	4.3	01/25/2010	0.21 F	15/11	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/23/2012	5.1	01/25/2006	0.11 F	6/20	100
	Trichloroethene	SW8260B	1.0	04/23/2012	**16**	07/31/2008	0.16 F	20/6	5
	Vinyl chloride	SW8260B	1.1	04/23/2012	**48**	04/03/2013	0.68 F	5/21	2
	Arsenic	SW6010B	30	04/30/2008	9.8	11/02/2011	0.40 F	8/16	10
	Barium	SW6010B	5.0	10/27/2010	100	01/25/2006	55	15/0	2000
	Cadmium	SW6010B	7.0					0/15	5
	Chromium	SW6010B	10	10/22/2008	20	10/14/2009	1.7 F	12/3	100
	Copper	SW6010B	10	04/28/2010	6.2 B	01/25/2010	1.5 F	2/13	1300
	Mercury	SW7470A	1.0	10/22/2008	0.26 B	10/27/2010	0.06 F	7/8	2
	Nickel	SW6010B	10	10/22/2008	9.2	04/28/2010	0.55 F	13/2	-- [6]
	Lead	SW6010B	25	01/25/2010	2.4 F	01/27/2009	1.9 F	3/12	15
	Zinc	SW6010B	50	07/29/2010	62	01/28/2008	3.8 F	11/4	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB07-LGR03A									
	Dichloroethene, 1,1-	SW8260B	1.2					0/18	7
	Bromodichloromethane	SW8260B	0.8					0/18	80 [5]
	Bromoform	SW8260B	1.2					0/18	80 [5]
	Chloroform	SW8260B	0.3					0/18	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/20/2012	**130**	01/28/2008	13	18/0	70
	Dibromochloromethane	SW8260B	0.5					0/18	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/18	-- [6]
	Methylene chloride	SW8260B	2.0					0/18	5
	Naphthalene	SW8260B	1.0					0/18	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/20/2012	**55**	07/18/2007	0.26 F	17/1	5
	Toluene	SW8260B	1.1					0/18	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/23/2009	2.7	07/31/2008	0.39 F	13/5	100
	Trichloroethene	SW8260B	1.0	04/20/2012	**75**	07/29/2010	0.91 F	18/0	5
	Vinyl chloride	SW8260B	1.1					0/18	2
	Arsenic	SW6010B	30	04/30/2008	9.1	10/27/2009	3.5 F	4/12	10
	Barium	SW6010B	5.0	04/28/2010	36	07/29/2010	32	14/0	2000
	Cadmium	SW6010B	7.0					0/14	5
	Chromium	SW6010B	10	04/27/2009	22	04/28/2010	1.8 F	10/4	100
	Copper	SW6010B	10	04/28/2010	5.7 B	04/28/2010	5.7 B	1/13	1300
	Mercury	SW7470A	1.0	10/22/2008	0.25 B	04/28/2010	0.076 F	7/7	2
	Nickel	SW6010B	10	04/27/2009	13	04/28/2010	0.78 F	10/4	-- [6]
	Lead	SW6010B	25	01/25/2010	2.7 F	01/28/2008	1.6 F	3/11	15
	Zinc	SW6010B	50	04/27/2009	690	10/18/2007	2.5 F	11/3	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB07-LGR03B									
	Dichloroethene, 1,1-	SW8260B	1.2					0/60	7
	Bromodichloromethane	SW8260B	0.8					0/60	80 [5]
	Bromoform	SW8260B	1.2					0/60	80 [5]
	Chloroform	SW8260B	0.3					0/60	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	04/20/2012	**110**	07/28/2011	10	60/0	70
	Dibromochloromethane	SW8260B	0.5					0/60	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/60	-- [6]
	Methylene chloride	SW8260B	2.0	01/08/2007	0.42 F	01/08/2007	0.42 F	1/59	5
	Naphthalene	SW8260B	1.0	04/02/2013	1.6	04/02/2013	1.6	1/59	-- [6]
	Tetrachloroethene	SW8260B	1.4	04/20/2012	**40**	02/23/2011	0.13 F	31/29	5
	Toluene	SW8260B	1.1					0/60	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/20/2009	2.6	10/22/2013	0.28 F	53/7	100
	Trichloroethene	SW8260B	1.0	04/20/2012	**53**	10/15/2007	0.59 F	60/0	5
	Vinyl chloride	SW8260B	1.1					0/60	2
	Arsenic	SW6010B	30	05/15/2007	9.3	01/18/2011	0.70 F	22/34	10
	Barium	SW6010B	5.0	11/17/2010	40	08/16/2010	27	43/0	2000
	Cadmium	SW6010B	7.0					0/43	5
	Chromium	SW6010B	10	05/18/2009	16	09/20/2010	1.3 F	32/11	100
	Copper	SW6010B	10	11/16/2009	44 B	01/25/2010	1.0 F	13/30	1300
	Mercury	SW7470A	1.0	05/19/2008	0.58	09/20/2010	0.05 F	13/30	2
	Nickel	SW6010B	10	01/25/2006	9.3 F	07/23/2008	0.73 F	33/10	-- [6]
	Lead	SW6010B	25	11/17/2010	6.2	04/22/2008	1.9 F	12/31	15
	Zinc	SW6010B	50	04/19/2010	53 B	08/17/2009	2.6 B	29/14	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB07-LGR-04									
	Dichloroethene, 1,1-	SW8260B	1.2	07/23/2009	1.1 F	10/27/2010	0.21 F	15/11	7
	Bromodichloromethane	SW8260B	0.8					0/26	80 [5]
	Bromoform	SW8260B	1.2					0/26	80 [5]
	Chloroform	SW8260B	0.3	10/22/2013	0.30	07/30/2008	0.13 F	19/7	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	02/01/2011	**570**	07/30/2008	**160**	26/0	70
	Dibromochloromethane	SW8260B	0.5					0/26	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/26	-- [6]
	Methylene chloride	SW8260B	2.0	01/08/2007	0.35 F	01/08/2007	0.35 F	1/25	5
	Naphthalene	SW8260B	1.0	01/28/2008	0.72	01/28/2008	0.72	1/25	-- [6]
	Tetrachloroethene	SW8260B	1.4	02/01/2011	**440**	01/08/2007	**120**	26/0	5
	Toluene	SW8260B	1.1					0/26	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/23/2009	36	04/28/2010	0.31 F	25/1	100
	Trichloroethene	SW8260B	1.0	02/01/2011	**450**	01/08/2007	**74**	26/0	5
	Vinyl chloride	SW8260B	1.1	07/30/2008	0.46 F	07/30/2008	0.46 F	1/25	2
	Arsenic	SW6010B	30	07/29/2010	5.5	04/20/2012	0.70 F	4/20	10
	Barium	SW6010B	5.0	10/27/2010	30	01/24/2006	23	15/0	2000
	Cadmium	SW6010B	7.0	07/29/2010	1.1 F	07/30/2008	0.90 F	2/13	5
	Chromium	SW6010B	10	04/23/2009	10	07/18/2007	1.4 F	12/3	100
	Copper	SW6010B	10	04/28/2010	4.8 B	04/29/2008	1.4 F	4/11	1300
	Mercury	SW7470A	1.0	10/22/2008	0.27 B	10/27/2010	0.05 F	5/10	2
	Nickel	SW6010B	10	01/27/2009	7.1	07/29/2010	0.61 F	12/3	-- [6]
	Lead	SW6010B	25	01/25/2010	3.0 F	01/27/2009	2.3 F	2/13	15
	Zinc	SW6010B	50	04/23/2009	60	01/25/2010	5.7 F	12/3	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB07-UGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2					0/7	7
	Bromodichloromethane	SW8260B	0.8					0/7	80 [5]
	Bromoform	SW8260B	1.2					0/7	80 [5]
	Chloroform	SW8260B	0.3					0/7	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/19/2007	**280**	10/27/2010	0.61 F	7/0	70
	Dibromochloromethane	SW8260B	0.5					0/7	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/7	-- [6]
	Methylene chloride	SW8260B	2.0					0/7	5
	Naphthalene	SW8260B	1.0	07/19/2007	**0.68**	07/19/2007	0.68	1/6	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/18/2007	0.32 F	10/18/2007	0.32 F	1/6	5
	Toluene	SW8260B	1.1	07/19/2007	8.6	10/18/2007	0.66 F	2/5	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/29/2010	4.5	10/27/2010	1.2	6/1	100
	Trichloroethene	SW8260B	1.0	07/19/2007	0.83 F	02/01/2011	0.29 F	6/1	5
	Vinyl chloride	SW8260B	1.1	10/18/2007	**76**	10/27/2010	1.4	7/0	2
	Arsenic	SW6010B	30	07/29/2010	7.5	02/01/2011	2.1 F	5/2	10
	Barium	SW6010B	5.0	07/19/2007	220	01/25/2010	87	6/0	2000
	Cadmium	SW6010B	7.0	07/29/2010	0.69 F	07/29/2010	0.69 F	1/5	5
	Chromium	SW6010B	10	07/29/2010	7.1	01/25/2010	1.4 F	6/0	100
	Copper	SW6010B	10	04/28/2010	3.4 B	07/19/2007	1.9 F	2/4	1300
	Mercury	SW7470A	1.0	07/19/2007	0.098 F	10/27/2010	0.05 F	2/4	2
	Nickel	SW6010B	10	07/19/2007	54	01/25/2010	1.9 F	6/0	-- [6]
	Lead	SW6010B	25	01/25/2010	1.7 F	01/25/2010	1.7 F	1/5	15
	Zinc	SW6010B	50	07/29/2010	25 F	01/25/2010	3.9 F	5/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB08-LGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2	01/10/2007	0.44 F	10/25/2007	0.32 F	2/25	7
	Bromodichloromethane	SW8260B	0.8					0/27	80 [5]
	Bromoform	SW8260B	1.2					0/27	80 [5]
	Chloroform	SW8260B	0.3					0/27	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/30/2008	**150**	10/14/2009	16	27/0	70
	Dibromochloromethane	SW8260B	0.5					0/27	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/27	-- [6]
	Methylene chloride	SW8260B	2.0	09/24/2009	0.46 B	09/24/2009	0.46 B	1/26	5
	Naphthalene	SW8260B	1.0					0/27	-- [6]
	Tetrachloroethene	SW8260B	1.4	12/29/2005	**48**	04/22/2009	0.16 F	17/10	5
	Toluene	SW8260B	1.1	12/29/2005	5.1	01/10/2007	1.0 F	2/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	01/26/2010	9.8	04/23/2008	0.97	26/1	100
	Trichloroethene	SW8260B	1.0	12/29/2005	**80**	04/17/2014	0.17 F	25/2	5
	Vinyl chloride	SW8260B	1.1	01/26/2010	1.3	01/30/2008	0.26 F	6/21	2
	Arsenic	SW6010B	30	04/23/2008	**11**	11/03/2011	0.80 F	8/17	10
	Barium	SW6010B	5.0	01/28/2009	120	07/26/2007	79	15/0	2000
	Cadmium	SW6010B	7.0	07/21/2009	1.2 F	07/21/2009	1.2 F	1/14	5
	Chromium	SW6010B	10	07/27/2010	12	10/20/2008	1.6 F	14/1	100
	Copper	SW6010B	10	10/28/2010	29	10/14/2009	1.5 F	3/12	1300
	Mercury	SW7470A	1.0	10/20/2008	0.27 B	10/28/2010	0.05 F	6/9	2
	Nickel	SW6010B	10	07/27/2010	10	01/30/2008	0.82 F	13/2	-- [6]
	Lead	SW6010B	25	10/25/2007	3.1 F	01/28/2009	1.6 F	4/11	15
	Zinc	SW6010B	50	04/23/2008	160	07/21/2009	4.0 F	12/3	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB08-LGR-02									
	Dichloroethene, 1,1-	SW8260B	1.2					0/28	7
	Bromodichloromethane	SW8260B	0.8					0/28	80 [5]
	Bromoform	SW8260B	1.2					0/28	80 [5]
	Chloroform	SW8260B	0.3					0/28	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/09/2007	45	04/27/2010	2.1	28/0	70
	Dibromochloromethane	SW8260B	0.5					0/28	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/28	-- [6]
	Methylene chloride	SW8260B	2.0	09/24/2009	0.38 B	09/24/2009	0.38 B	1/27	5
	Naphthalene	SW8260B	1.0					0/28	-- [6]
	Tetrachloroethene	SW8260B	1.4	01/27/2006	**44**	07/26/2007	0.18 F	16/12	5
	Toluene	SW8260B	1.1	01/27/2006	2.0 F	07/26/2007	0.17 F	3/25	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/21/2009	5.1	04/27/2011	0.13 F	12/16	100
	Trichloroethene	SW8260B	1.0	01/27/2006	**52**	05/01/2012	0.14 F	22/6	5
	Vinyl chloride	SW8260B	1.1	01/27/2006	0.57 F	04/01/2013	0.30 F	4/24	2
	Arsenic	SW6010B	30	01/27/2006	**58**	10/30/2012	0.30 F	12/14	10
	Barium	SW6010B	5.0	04/27/2010	73	01/27/2006	50	16/0	2000
	Cadmium	SW6010B	7.0	07/21/2009	0.90 F	07/21/2009	0.90 F	1/15	5
	Chromium	SW6010B	10	07/21/2009	11	01/26/2010	1.4 F	13/3	100
	Copper	SW6010B	10	10/28/2010	29	10/14/2009	1.7 F	3/13	1300
	Mercury	SW7470A	1.0	10/20/2008	0.27 B	07/21/2009	0.065 F	7/9	2
	Nickel	SW6010B	10	01/27/2006	9.7 F	04/27/2010	0.77 F	14/2	-- [6]
	Lead	SW6010B	25	07/24/2008	2.7 F	04/21/2009	1.9 F	3/13	15
	Zinc	SW6010B	50	10/28/2010	43 F	01/30/2008	2.5 F	14/2	5000

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[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB08-LGR03A									
	Dichloroethene, 1,1-	SW8260B	1.2					0/9	7
	Bromodichloromethane	SW8260B	0.8					0/9	80 [5]
	Bromoform	SW8260B	1.2					0/9	80 [5]
	Chloroform	SW8260B	0.3	04/23/2008	0.27 F	07/26/2007	0.10 F	5/4	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/30/2008	**260**	04/27/2010	49	9/0	70
	Dibromochloromethane	SW8260B	0.5					0/9	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/9	-- [6]
	Methylene chloride	SW8260B	2.0					0/9	5
	Naphthalene	SW8260B	1.0					0/9	-- [6]
	Tetrachloroethene	SW8260B	1.4	10/28/2010	**200**	04/27/2010	**25**	9/0	5
	Toluene	SW8260B	1.1					0/9	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	01/25/2011	3.9	04/27/2010	0.56 F	9/0	100
	Trichloroethene	SW8260B	1.0	01/30/2008	**270**	04/27/2010	**28**	9/0	5
	Vinyl chloride	SW8260B	1.1					0/9	2
	Arsenic	SW6010B	30	04/23/2008	**13**	10/28/2010	0.70 F	2/7	10
	Barium	SW6010B	5.0	07/27/2010	37	07/26/2007	30	8/0	2000
	Cadmium	SW6010B	7.0					0/8	5
	Chromium	SW6010B	10	01/30/2008	15	10/24/2007	1.7 F	4/4	100
	Copper	SW6010B	10	10/28/2010	28	07/27/2010	24 B	2/6	1300
	Mercury	SW7470A	1.0	04/27/2010	0.076 F	04/27/2010	0.076 F	1/7	2
	Nickel	SW6010B	10	01/30/2008	12	01/26/2010	1.4 F	8/0	-- [6]
	Lead	SW6010B	25	01/26/2010	3.2 F	07/27/2010	1.6 F	2/6	15
	Zinc	SW6010B	50	10/28/2010	43 F	01/30/2008	4.5 F	8/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

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Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB08-LGR03B									
	Dichloroethene, 1,1-	SW8260B	1.2					0/53	7
	Bromodichloromethane	SW8260B	0.8					0/53	80 [5]
	Bromoform	SW8260B	1.2					0/53	80 [5]
	Chloroform	SW8260B	0.3	03/25/2008	0.35	10/16/2008	0.096 F	29/24	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	02/22/2011	**350**	03/18/2009	28	53/0	70
	Dibromochloromethane	SW8260B	0.5	01/26/2010	16	01/26/2010	16	1/52	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/53	-- [6]
	Methylene chloride	SW8260B	2.0	11/26/2007	0.61 F	11/26/2007	0.61 F	1/52	5
	Naphthalene	SW8260B	1.0					0/53	-- [6]
	Tetrachloroethene	SW8260B	1.4	05/19/2008	**270**	03/25/2008	**12** F	53/0	5
	Toluene	SW8260B	1.1	11/26/2007	0.23 F	11/26/2007	0.23 F	1/52	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	11/26/2007	32	04/19/2010	0.34 F	50/3	100
	Trichloroethene	SW8260B	1.0	02/22/2011	**310**	04/19/2010	**16**	53/0	5
	Vinyl chloride	SW8260B	1.1					0/53	2
	Arsenic	SW6010B	30	05/17/2011	**16**	01/17/2011	0.40 F	12/15	10
	Barium	SW6010B	5.0	11/17/2010	40	09/24/2009	27	18/0	2000
	Cadmium	SW6010B	7.0	08/16/2010	0.71 F	07/19/2010	0.57 F	2/16	5
	Chromium	SW6010B	10	07/26/2007	7.9	11/17/2010	1.1 F	13/5	100
	Copper	SW6010B	10	04/19/2010	14 B	01/21/2008	3.5 F	4/14	1300
	Mercury	SW7470A	1.0	01/26/2006	0.21	09/20/2010	0.05 F	10/8	2
	Nickel	SW6010B	10	01/26/2006	13	04/19/2010	0.76 F	18/0	-- [6]
	Lead	SW6010B	25	11/17/2010	5.9	04/22/2008	1.6 F	6/12	15
	Zinc	SW6010B	50	04/19/2010	64 B	01/26/2010	4.1 F	17/1	5000

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[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB08-LGR-04									
	Dichloroethene, 1,1-	SW8260B	1.2					0/28	7
	Bromodichloromethane	SW8260B	0.8					0/28	80 [5]
	Bromoform	SW8260B	1.2					0/28	80 [5]
	Chloroform	SW8260B	0.3	01/25/2011	0.08 F	01/25/2011	0.08 F	1/27	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	01/30/2008	**230**	10/21/2014	3.6	28/0	70
	Dibromochloromethane	SW8260B	0.5					0/28	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/28	-- [6]
	Methylene chloride	SW8260B	2.0					0/28	5
	Naphthalene	SW8260B	1.0					0/28	-- [6]
	Tetrachloroethene	SW8260B	1.4	09/24/2009	**80**	04/16/2014	0.77 F	28/0	5
	Toluene	SW8260B	1.1					0/28	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	04/21/2009	18	10/21/2014	0.20 F	20/8	100
	Trichloroethene	SW8260B	1.0	01/09/2007	**56**	10/21/2014	0.80 F	28/0	5
	Vinyl chloride	SW8260B	1.1	01/30/2008	2.0	04/16/2014	0.21 F	6/22	2
	Arsenic	SW6010B	30	04/22/2008	6.4	07/27/2011	0.30 F	5/21	10
	Barium	SW6010B	5.0	07/21/2009	63	07/26/2007	30	16/0	2000
	Cadmium	SW6010B	7.0	01/26/2006	0.22 F	01/26/2006	0.22 F	1/15	5
	Chromium	SW6010B	10	01/30/2008	6.6	01/28/2009	1.5 F	9/7	100
	Copper	SW6010B	10	07/27/2010	37 B	04/27/2010	1.4 F	4/12	1300
	Mercury	SW7470A	1.0	10/20/2008	0.29 B	10/28/2010	0.05 F	9/7	2
	Nickel	SW6010B	10	07/27/2010	6.6	01/28/2009	0.49 F	12/4	-- [6]
	Lead	SW6010B	25	07/24/2008	5.8	04/21/2009	1.6 F	5/11	15
	Zinc	SW6010B	50	10/28/2010	54	01/30/2008	3.2 F	15/1	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Well Location ID	Analytes of Concern in Groundwater Monitoring	Analytical Method [1]	CSSA RL [2]	Max Det Date [3]	Maximum Detected Conc	Min Det Date [3]	Minimum Detected Conc	Number of Detections/ NDs	Action Level/ MCL [4]
CS-WB08-UGR-01									
	Dichloroethene, 1,1-	SW8260B	1.2	10/28/2010	0.89 F	05/01/2012	0.30 F	6/11	7
	Bromodichloromethane	SW8260B	0.8					0/17	80 [5]
	Bromoform	SW8260B	1.2					0/17	80 [5]
	Chloroform	SW8260B	0.3	09/24/2009	0.081 F	09/24/2009	0.081 F	1/16	80 [5]
	cis-1,2-Dichloroethene	SW8260B	1.2	07/27/2010	**1700**	04/27/2010	45	17/0	70
	Dibromochloromethane	SW8260B	0.5					0/17	80 [5]
	Dichlorodifluoromethane	SW8260B	1.0					0/17	-- [6]
	Methylene chloride	SW8260B	2.0	09/24/2009	0.47 B	09/24/2009	0.47 B	1/16	5
	Naphthalene	SW8260B	1.0	10/14/2009	0.43	10/14/2009	0.43	1/16	-- [6]
	Tetrachloroethene	SW8260B	1.4	07/26/2007	**50**	10/21/2014	0.27 F	14/3	5
	Toluene	SW8260B	1.1	10/28/2010	0.33 F	07/27/2010	0.19 F	2/15	1000
	trans-1,2-Dichloroethene	SW8260B	0.6	07/27/2010	10	04/27/2010	0.27 F	17/0	100
	Trichloroethene	SW8260B	1.0	07/26/2007	**28**	04/17/2014	0.44 F	17/0	5
	Vinyl chloride	SW8260B	1.1	04/27/2011	**100**	01/26/2010	**7.3**	14/3	2
	Arsenic	SW6010B	30	07/27/2010	6.7	11/03/2011	0.50 F	9/8	10
	Barium	SW6010B	5.0	10/28/2010	48	07/26/2007	25	7/0	2000
	Cadmium	SW6010B	7.0	07/27/2010	0.76 F	07/27/2010	0.76 F	1/6	5
	Chromium	SW6010B	10	04/27/2010	12	01/26/2010	1.6 F	7/0	100
	Copper	SW6010B	10	10/28/2010	33	10/28/2010	33	1/6	1300
	Mercury	SW7470A	1.0	04/27/2010	0.067 F	10/28/2010	0.06 F	3/4	2
	Nickel	SW6010B	10	10/28/2010	17	07/26/2007	6.2	7/0	-- [6]
	Lead	SW6010B	25	01/26/2010	3.3 F	01/26/2010	3.3 F	1/6	15
	Zinc	SW6010B	50	07/27/2010	81	01/26/2010	7.9 F	7/0	5000

Units are micrograms per liter (µ/L). No results listed indicates that the analyte was analyzed for, but not detected above the Method Detection Limit (MDL). MCL exceedances are bolded. F flag indicates a value above the MDL and below the RL. J flag indicates a positively identified, estimated value. B flag indicates analyte also found in associated method blank. M flag indicates presence of a matrix effect.

[1] For metals analylzed by differing analytical methods, both methods are listed: Max Det Method/Min Det Method.

[2] Reporting Limit (RL) established by CSSA Base-Wide Quality Assurance Project Plan, January, 2003.

[3] Where the minimum and/or maximum detected results were the same for multiple dates, the most recent date is listed.

[4] Maximum Contaminant Level (MCL) - The highest level of a contaminant allowed in drinking water. Lead and copper are Action Levels. Value used for zinc is a Secondary Contaminant Level. US EPA National Primary Drinking Water Standards, May 2009. (http://water.epa.gov/drink/contaminants/index.cfm)

[5] MCL for THMs combined cannot exceed 80 µg/L (as of January 1, 2002).

[6] No MCL or Action Level has been established for this analyte.

Appendix C Summary of Three-Tiered Long Term Monitoring Network Optimization

2010 LTMO Summary
(Currently Implemented: On-and Off-Post)

APPENDIX C.1
CURRENT GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2010 LONG TERM MONITORING OPTIMIZATION EVALUATION
ON-POST AND OFF-POST
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well ID	Current Sampling Frequency	Qualitative Evaluation			Temporal Evaluation		Spatial Evaluation		Summary			Rationale
		Exclude	Retain	Recommended Monitoring Frequency	Exclude/ Reduce	Retain	Exclude	Retain	Exclude	Retain	Recommended Monitoring Frequency	
On Post Monitoring Wells												
AOC65-MW1	Sample after major rain event	✓		Exclude	Not Analyzed		Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
AOC65-MW2A	Sample after major rain event	✓		Exclude		✓	Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
AOC65-PZ01-LGR	Exclude	✓		Exclude	✓		Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
AOC65-PZ02-LGR	Exclude	✓		Exclude	✓		Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
AOC65-PZ03-LGR	Exclude	✓		Exclude	✓		Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
AOC65-PZ04-LGR	Exclude	✓		Exclude	✓		Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
AOC65-PZ05-LGR	Exclude	✓		Exclude	✓		Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
AOC65-PZ06-LGR	Exclude	✓		Exclude	✓		Not Included		✓		Exclude	Well is part of AOC-65 program and only sampled on an as-needed basis.
CS-1	Quarterly		✓	Quarterly		✓		✓		✓	Quarterly	Temporal and Spatial analysis confirm qualitative evaluation
CS-10	Quarterly		✓	Quarterly	✓		✓			✓	Quarterly	Qualitative factor (drinking water well) overrides temporal recommendations
CS-11	Exclude (No pump)	✓		Exclude (No pump)		✓	--[a]	--	✓		Exclude (No pump)	Exclude due to well being inactive (no pump)
CS-12	Quarterly		✓	Quarterly		✓		✓		✓	Quarterly	Temporal/Spatial analysis confirm qualitative evaluation. Quarterly based on drinking water well.
CS-13			✓	Quarterly		✓		✓		✓	Quarterly	Temporal/Spatial analysis confirm qualitative evaluation. Quarterly based on drinking water well.
CS-2	Every 9 months		✓	Every 9 months	✓		--	--		✓	Every 9 months	Qualitative factor (delineation well) overrides temporal recommendations
CS-3	Exclude	✓		Exclude	✓		Not Included		✓		Exclude	Spatially redundant well to CS-2 with no pump.
CS-4	Semi-annually		✓	Semi-annual		✓	✓			✓	Semi-annual + 9-month snapshot event	Temporal analysis confirms qualitative evaluation. Frequency based upon importance to plume delineation.
CS-9	Quarterly		✓	Quarterly	✓		✓			✓	Quarterly	Qualitative factor (drinking water well) overrides temporal/spatial recommendations
CS-D	Semi-annually		✓	Semi-annual		✓	--	--		✓	Semi-annual + 9-month snapshot event	Temporal analysis confirms qualitative evaluation. Frequency based upon importance to plume delineation.
CS-I	Every 9 months		✓	Every 18 months		✓	✓			✓	Every 18 months	Temporal statistics confirm qualitative evaluation. Decrease sampling frequency.
CS-MW10-CC	Biennially		✓	Every 18 months	✓		Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW10-LGR	Every 9 months		✓	Semi-annual		✓	✓			✓	Semi-annual + 9-month snapshot event	Qualitative and temporal evaluation override spatial evaluation. Increased sampling frequency.
CS-MW11A-LGR	Semi-annually		✓	Semi-annual		✓	--	--		✓	Semi-annual + 9-month snapshot event	Qualitative and temporal evaluation override spatial evaluation. Increased sampling frequency.
CS-MW11B-LGR	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluation override spatial evaluation.
CS-MW12-BS	Biennially		✓	Every 18 months	✓		Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (BS confining unit).
CS-MW12-CC	Biennially		✓	Every 18 months	✓		Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW12-LGR	Every 9 months		✓	Every 9 months		✓		✓		✓	Every 9 months	Temporal and Spatial analysis confirm qualitative evaluation
CS-MW16-CC	Semi-annually		✓	Every 9 months		✓	Not Included			✓	Every 9 months	Temporal evaluation confirms qualitative analysis, retain as remediation well.
CS-MW16-LGR	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Temporal evaluation confirms qualitative analysis, retain as remediation well.
CS-MW17-LGR	Every 9 months		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluations override temporal analysis.
CS-MW18-LGR	Semi-annually		✓	Every 9 months		✓		✓		✓	Every 9 months	Temporal and Spatial analysis confirm qualitative evaluation
CS-MW19-LGR	Semi-annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluations override temporal analysis.
CS-MW1-BS	Biennially		✓	Every 18 months	✓		Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (BS confining unit).
CS-MW1-CC	Biennially		✓	Every 18 months	✓		Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW1-LGR	Semi-annually		✓	Semi-annual		✓	✓			✓	Semi-annual + 9-month snapshot event	Qualitative and temporal evaluation override spatial evaluation. Increased sampling frequency.
CS-MW20-LGR	Quarterly until new LTMO		✓	Every 9 months		✓		✓		✓	Every 9 months	Temporal and Spatial analysis confirm qualitative evaluation
CS-MW21-LGR	Quarterly until new LTMO		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW22-LGR	Quarterly until new LTMO		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW23-LGR	Quarterly until new LTMO		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW24-LGR	Quarterly until new LTMO		✓	Semi-annual		✓		✓		✓	Semi-annual + 9-month snapshot event	Temporal and Spatial analysis confirm qualitative evaluation. Increased sampling frequency.
CS-MW25-LGR	Quarterly until new LTMO		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW2-CC	Biennially		✓	Every 18 months	✓		Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW2-LGR	Semi-annually		✓	Semi-annual	✓		--	--		✓	Semi-annual + 9-month snapshot event	Qualitative factor overrides temporal recommendations. Increased sampling frequency.
CS-MW35-LGR			✓	Semi-annual		✓		✓		✓	Semi-annual + 9-month snapshot event	Temporal and Spatial analysis confirm qualitative evaluation
CS-MW36-LGR			✓	Semi-annual		✓		✓		✓	Quarterly	Temporal and Spatial analysis confirm qualitative evaluation. Quarterly as part of AOC-65.
CS-MW3-LGR	Semi-annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW4-LGR	Semi-annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW5-LGR	Semi-annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW6-BS	Biennially		✓	Every 18 months	✓			↓[b]		✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (BS confining unit).
CS-MW6-CC	Biennially		✓	Every 18 months	✓			↓		✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW6-LGR	Semi-annually		✓	Every 9 months	✓		--	↓--		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MW7-CC	Biennially		✓	Every 18 months	✓		--	-->[c]		✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW7-LGR	Semi-annually		✓	Every 9 months		✓	--	-->		✓	Every 9 months	Temporal and Spatial analysis confirm qualitative evaluation.
CS-MW8-CC	Biennially		✓	Every 18 months	✓			↓		✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW8-LGR	Every 9 months		✓	Semi-annual		✓	✓	↓		✓	Semi-annual + 9-month snapshot event	Temporal and Spatial analysis confirm qualitative evaluation. Increased sampling frequency.
CS-MW9-BS	Biennially		✓	Every 9 months		✓	Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (BS confining unit).
CS-MW9-CC	Biennially		✓	Every 9 months	✓		Not Included			✓	Every 18 months	Qualitative factor overrides temporal recommendations because of type of well (CC aquifer).
CS-MW9-LGR	Semi-annually		✓	Every 18 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluation override temporal evaluation.
CS-MWG-LGR	Every 9 months		✓	Every 18 months	✓			✓		✓	Every 18 months	Qualitative and spatial evaluation override temporal evaluation. Decrease sampling frequency.
CS-MWH-LGR	Biennially		✓	Every 18 months	✓		✓			✓	Every 18 months	Qualitative factor overrides temporal/spatial evaluations. Increase sampling frequency.

APPENDIX C.1 (cont.)
CURRENT GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2010 LONG TERM MONITORING OPTIMIZATION EVALUATION
ON-POST AND OFF-POST
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well ID	Current Sampling Frequency	Qualitative Evaluation			Temporal Evaluation		Spatial Evaluation		Summary			Rationale
		Exclude	Retain	Recommended Monitoring Frequency	Exclude/ Reduce	Retain	Exclude	Retain	Exclude	Retain	Recommended Monitoring Frequency	
Off Post Monitoring Wells												
DOM-2	Exclude (No Power at Well)	✓		Exclude (No Power at Well)	✓		Not Included		✓		Exclude (No Power at Well)	Exclude due to well being inactive (no power). Re-evaluate if conditions change.
FO-17	Annually		✓	Every 9 months	✓		✓			✓	Every 9 months	Qualitative factors override temporal/spatial evaluation. Increase sampling frequency.
FO-22	Annually		✓	Every 9 months	✓		--	--		✓	Every 9 months	Qualitative/spatial factors override temporal evaluation. Increase sampling frequency.
FO-8	Annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative/spatial factors override temporal evaluation. Increase sampling frequency.
FO-J1	Qtrly, 1 year thru Dec. 10		✓	Every 9 months	✓		✓			✓	Quarterly/9-months	Qualitative factors override temporal/spatial evaluation. Re-evaluate frequency if DQO achieved.
HS-1	Quarterly		✓	Every 9 months		✓	--	--		✓	Every 9 months	All evaluations in agreement. Decrease sampling frequency due to statistics results
HS-2	Qtrly, 1 year thru June 10		✓	Every 9 months		✓		✓		✓	Every 9 months	All evaluations in agreement. Decrease sampling frequency due to statistics results
HS-3	Annually		✓	Every 9 months		✓		✓		✓	Every 9 months	Temporal statistics confirm qualitative evaluation. Increase sampling frequency.
I10-2	Annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Temporal statistics confirm qualitative evaluation. Increase sampling frequency.
I10-4	Quarterly		✓	Quarterly		✓	--	--		✓	Quarterly	Qualitative and temporal evaluations in agreement. Retain quarterly frequency as sentry well.
I10-5	Annually		✓	Every 9 months		✓		✓		✓	Every 9 months	All evaluations in agreement. Increase sampling frequency.
I10-7	Qtrly, 1 year thru Dec. 10		✓	Every 9 months		✓	--	--		✓	Quarterly/9-months	Temporal statistics confirm qualitative evaluation. Re-evaluate frequency if DQO achieved.
I10-8	Annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Temporal statistics confirm qualitative evaluation. Increase sampling frequency.
JW-12	Access agreement expired	✓		Access agreement expired	✓		--	--	✓		Access agreement expired	Exclude due to well being inaccessible. Re-evaluate if conditions change.
JW-13	Annually		✓	Every 9 months		✓	✓			✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Increase sampling frequency.
JW-14	Qtrly, due to location		✓	Every 9 months	✓		✓			✓	Every 9 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
JW-15	Annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial analysis in agreement. Retain as delineation well and increase frequency.
JW-26	Declined Access	✓		Declined Access	✓		Not Included		✓		Declined Access	Exclude due to well being inaccessible. Re-evaluate if conditions change.
JW-27	Annually		✓	Every 9 months	✓		✓			✓	Every 9 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
JW-28	Qtrly, due to location		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Decrease sampling frequency.
JW-29	Qtrly, due to location		✓	Every 9 months	✓		✓			✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Decrease sampling frequency.
JW-30	Qtrly, due to location		✓	Every 9 months	✓		✓			✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Decrease sampling frequency.
JW-31	Qtrly, 1 year thru Dec. 10		✓	Every 9 months		✓	✓			✓	Quarterly/9-months	Temporal statistics confirm qualitative evaluation. Re-evaluate frequency if DQO achieved.
JW-5	Annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Increase sampling frequency.
JW-6	Annually		✓	Every 9 months		✓	✓			✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Increase sampling frequency.
JW-7	Qtrly, 1 year thru Dec. 10		✓	Every 9 months	✓		✓			✓	Quarterly/9-months	Qualitative factors override temporal/spatial evaluation.. Re-evaluate frequency if DQO achieved.
JW-8	Qtrly, 1 year thru Dec. 10		✓	Every 9 months	✓		✓			✓	Quarterly/9-months	Qualitative factors override temporal/spatial evaluation.. Re-evaluate frequency if DQO achieved.
JW-9	Annually		✓	Every 9 months	✓		✓			✓	Every 9 months	Qualitative factors override temporal/spatial evaluation.. Increase sampling frequency.
LS-1	Quarterly		✓	Every 9 months		✓		✓		✓	Every 9 months	Temporal/Spatial analysis confirm qualitative evaluation. No longer water supply, decrease frequency.
LS-2	Well is offline, to be plugged soon	✓		Well is offline, to be plugged soon	✓		Not Included		✓		Well is offline, to be plugged soon	If well is not plugged, give consideration incorporating back into monitoring network.
LS-3	Well is offline, to be plugged soon	✓		Well is offline, to be plugged soon	✓		Not Included		✓		Well is offline, to be plugged soon	If well is not plugged, give consideration incorporating back into monitoring network.
LS-4	Annually		✓	Every 9 months		✓	✓			✓	Every 9 months	Temporal analysis confirm qualitative evaluation. No longer water supply, increase sampling frequency.
LS-5	Qtrly, 1 year thru Dec. 10		✓	Quarterly		✓	--	--		✓	Quarterly	Qualitative factor (GAC well)overrides spatial recommendations
LS-6	Qtrly, 1 year thru Dec. 10		✓	Quarterly		✓	--	--		✓	Quarterly	Qualitative factor (GAC well) overrides spatial recommendations
LS-7	Qtrly, 1 year thru Dec. 10		✓	Quarterly		✓	--	--		✓	Quarterly	Qualitative factor (GAC well) overrides spatial recommendations
OFR-1	Qtrly, 1 year thru Dec. 10		✓	Every 9 months	✓		✓			✓	Quarterly/9-months	Qualitative factors override temporal/spatial evaluation.. Re-evaluate frequency if DQO achieved.
OFR-2	Exclude (Plugged.)	✓		Exclude (Plugged.)	✓		Not Included		✓		Exclude (Plugged.)	Excluded.
OFR-3	Qtrly, 1 year thru Dec. 10		✓	Every 9 months		✓	--	--		✓	Quarterly	Qualitative factor (GAC well) overrides spatial recommendations
OFR-4	Annually		✓	Every 9 months		✓	✓			✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Increase sampling frequency.
RFR-10	Qtrly, 1 year thru Dec. 10		✓	Quarterly		✓	✓			✓	Quarterly	Qualitative factor (GAC well) overrides spatial recommendations
RFR-11	Qtrly, 1 year thru Dec. 10		✓	Quarterly		✓	--	--		✓	Quarterly	Qualitative factor (GAC well) overrides spatial recommendations
RFR-12	Annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Increase sampling frequency.
RFR-13	Annually		✓	Every 9 months		✓	✓			✓	Every 9 months	Qualitative and temporal evaluations override spatial evaluation. Increase sampling frequency.
RFR-14	Qtrly, 1 year thru Sept. 10		✓	Every 9 months	✓		✓			✓	Quarterly/9-months	Qualitative factors override temporal/spatial evaluation.. Re-evaluate frequency if DQO achieved.
RFR-3	Annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluations override temporal evaluation. Increase sampling frequency.
RFR-4	Annually		✓	Every 9 months	✓		--	--		✓	Every 9 months	Qualitative evaluation overrides temporal/spatial evaluation. Increase sampling frequency.
RFR-5	Annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Qualitative and spatial evaluations override temporal evaluation. Increase sampling frequency.
RFR-6	Exclude (Plugged.)	✓		Exclude (Plugged.)	✓		Not Included		✓		Exclude (Plugged.)	Excluded.
RFR-7	Exclude (Plugged.)	✓		Exclude (Plugged.)	✓		Not Included		✓		Exclude (Plugged.)	Excluded.
RFR-8	Annually		✓	Every 9 months	✓			✓		✓	Every 9 months	Temporal/Spatial analysis confirm qualitative evaluation. Increase sampling frequency.
RFR-9	Qtrly, 1 year thru Sept. 10		✓	Every 9 months	✓		--	--		✓	Quarterly/9-months	Qualitative factors override temporal/spatial evaluation.. Re-evaluate frequency if DQO achieved.
WestBay Wells												
CS-WB01-LGR-01	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB01-LGR-02	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB01-LGR-03	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB01-LGR-04	Semi-annually		✓	Every 9 months	✓		--	--		✓	Every 9 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB01-LGR-05	Semi-annually		✓	Every 9 months	✓		--	--		✓	Every 9 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB01-LGR-06	Semi-annually		✓	Every 9 months	✓		--	--		✓	Every 9 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB01-LGR-07	Semi-annually		✓	Every 9 months		✓	🡻			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB01-LGR-08	Semi-annually		✓	Every 9 months	✓		🡻			✓	Every 9 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB01-LGR-09	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.

APPENDIX C.1 (cont.)
CURRENT GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2010 LONG TERM MONITORING OPTIMIZATION EVALUATION
ON-POST AND OFF-POST
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well ID	Current Sampling Frequency	Qualitative Evaluation			Temporal Evaluation		Spatial Evaluation		Summary			
		Exclude	Retain	Recommended Monitoring Frequency	Exclude/ Reduce	Retain	Exclude	Retain	Exclude	Retain	Recommended Monitoring Frequency	Rationale
CS-WB01-UGR-01	Semi-annually		✓	Every 9 months	Not Analyzed		--	--		✓	Every 9 months/Major Precip. Event	Typically dry. Decrease sampling frequency or after major rainfall events.
CS-WB02-LGR-01	Semi-annually		✓	Every 9 months		✓	--	→		✓	Every 9 months	Temporal/spatial evaluations confirm qualitative evaluation. Decrease sampling frequency.
CS-WB02-LGR-02	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB02-LGR-03	Semi-annually		✓	Every 9 months		✓	→	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial analysis. Decrease sampling frequency.
CS-WB02-LGR-04	Semi-annually		✓	Every 9 months		✓	→	--		✓	Every 9 months	Qualitative and temporal evaluations override spatial analysis. Decrease sampling frequency.
CS-WB02-LGR-05	Semi-annually		✓	Every 9 months		✓	↓→			✓	Every 9 months	Qualitative and temporal evaluations override spatial analysis. Decrease sampling frequency.
CS-WB02-LGR-06	Semi-annually		✓	Every 9 months		✓	↓→			✓	Every 9 months	Qualitative and temporal evaluations override spatial analysis. Decrease sampling frequency.
CS-WB02-LGR-07	Semi-annually		✓	Every 9 months	✓		↓	→		✓	Every 9 months	Qualitative and spatial evaluations override temporal analysis. Decrease sampling frequency.
CS-WB02-LGR-08	Semi-annually		✓	Every 9 months		✓	↓	→		✓	Every 9 months	Temporal/spatial evaluations confirm qualitative evaluation. Decrease sampling frequency.
CS-WB02-LGR-09	Semi-annually		✓	Every 9 months		✓		↓→		✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.
CS-WB02-UGR-01	Semi-annually		✓	Every 9 months	Not Analyzed		--	→		✓	Every 9 months/Major Precip. Event	Typically dry. Decrease sampling frequency or after major rainfall events.
CS-WB03-LGR-01	Semi-annually		✓	Every 9 months		✓		↓		✓	Every 9 months	Temporal/spatial evaluations confirm qualitative evaluation. Decrease sampling frequency.
CS-WB03-LGR-02	Semi-annually		✓	Every 9 months		✓	↓			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB03-LGR-03	Semi-annually		✓	Every 9 months		✓	↓			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB03-LGR-04	Semi-annually		✓	Every 9 months		✓	↓			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB03-LGR-05	Semi-annually		✓	Every 9 months		✓	↓			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB03-LGR-06	Semi-annually		✓	Every 9 months		✓	↓			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB03-LGR-07	Semi-annually		✓	Every 9 months		✓	↓			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB03-LGR-08	Semi-annually		✓	Every 9 months		✓	↓			✓	Every 9 months	Qualitative and temporal evaluations override spatial recommendations. Decrease sampling frequency.
CS-WB03-LGR-09	Semi-annually		✓	Every 9 months		✓		↓		✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.
CS-WB03-UGR-01	Semi-annually		✓	Every 9 months		✓		↓		✓	Every 9 months/Major Precip. Event	Temporal/spatial evaluations confirm qualitative evaluation. Decrease sampling frequency.
CS-WB04-BS-01	Biennially		✓	Every 18 months	✓		--	--		✓	Every 18 months	Qualitative factors override temporal/spatial evaluations. Increase sampling frequency.
CS-WB04-BS-02	Biennially		✓	Every 18 months	✓		--	--		✓	Every 18 months	Qualitative factors override temporal/spatial evaluations. Increase sampling frequency.
CS-WB04-CC-01	Biennially		✓	Every 18 months	✓		--	--		✓	Every 18 months	Qualitative factors override temporal/spatial evaluations. Increase sampling frequency.
CS-WB04-CC-02	Biennially		✓	Every 18 months	✓			→		✓	Every 18 months	Qualitative/spatial factors override spatial evaluations. Increase sampling frequency.
CS-WB04-CC-03	Biennially		✓	Every 18 months	✓			→		✓	Every 18 months	Qualitative/spatial factors override spatial evaluations. Increase sampling frequency.
CS-WB04-LGR-01	Semi-annually		✓	Every 18 months	✓		--	--		✓	Every 18 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB04-LGR-02	Semi-annually		✓	Every 18 months	✓		--	--		✓	Every 18 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB04-LGR-03	Semi-annually		✓	Every 18 months	✓		--	--		✓	Every 18 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB04-LGR-04	Semi-annually		✓	Every 18 months	✓		--	--		✓	Every 18 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB04-LGR-06	Semi-annually		✓	Every 9 months		✓	→			✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.
CS-WB04-LGR-07	Semi-annually		✓	Every 9 months		✓	→			✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.
CS-WB04-LGR-08	Semi-annually		✓	Every 9 months	✓		→			✓	Every 9 months	Qualitative factors override temporal/spatial evaluations. Decrease sampling frequency.
CS-WB04-LGR-09	Semi-annually		✓	Every 9 months		✓	→			✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.
CS-WB04-LGR-10	Semi-annually		✓	Every 9 months		✓	→			✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.
CS-WB04-LGR-11	Semi-annually		✓	Every 9 months		✓	--	--		✓	Every 9 months+On-Post Sched.	Include this LGR zone with 9-month areawide "snapshot" events as well as Westbay schedule.
CS-WB04-UGR-01	Semi-annually		✓	Every 9 months	Not Analyzed			→		✓	Every 9 months/Major Precip. Event	Typically dry. Decrease sampling frequency or after major rainfall events.

[b/] Spatial recommendation result from North to South vertical cross section analysis that do not impact LGR zone well summary evaluation results.

[a/] Well in the "intermediate" range; received no recommendation for removal/exclusion or retention/addition in spatial evaluation

[c/] Spatial recommendation result from West to East vertical cross section analysis that do not impact LGR zone well summary evaluation results.

2015 Summary of LTMO
(Proposed/Under Review: On- an Off-Post)

APPENDIX C.2
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 1
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
CS-1	LGR	Quarterly	Retain	Annual	Retain	Retain	Retain	DWW	Quarterly	Drinking Water Well
CS-10	LGR + CC	Quarterly	Retain	Annual	Retain	Retain	Retain	DWW	Quarterly	Drinking Water Well
CS-12	LGR + CC	Quarterly	Retain	Biennial	Retain	Retain	Retain	DWW	Quarterly	Drinking Water Well
CS-13	LGR + CC	Quarterly	Retain	Annual	Retain	Retain	Retain	DWW	Quarterly	Drinking Water Well
CS-2	LGR	9 months	Exclude	Biennial	Exclude/Reduce	Retain	Retain	Monitor plume edge	30 months	Provide back up for CS-4 as plume-edge monitoring point
CS-4	LGR	Semi-annual + snapshot	Retain	Annual	Retain	Retain	Retain	Monitor plume	15 months	Plume-edge monitoring point, historically ND COC concentrations
CS-B3-MW01	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Monitor plume	15 months	Monitor Bioreactor Performance LGR
B3-MW26-UGR	UGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
B3-MW27-UGR	UGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
B3-MW28-UGR	UGR	Semi-annual	Exclude	Exclude	Not Analyzed	Exclude	Exclude	Consistently Dry	Exclude	
B3-MW29-UGR	UGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
B3-MW30-UGR	UGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
B3-MW31-UGR	UGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
B3-MW32-UGR	UGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
B3-MW33-UGR	UGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
B3-MW34-UGR	UGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Monitor plume in UGR	9 months	Monitor Bioreactor Performance UGR
CS-D	LGR	Semi-annual + snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Western plume edge	15 months	Monitor Bioreactor Performance LGR, currently stable or decreasing COC concentration trends
B3-EXW01	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Extraction well	9 months	Bioreactor Component Extraction Well
B3-EXW02	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Extraction well	9 months	Bioreactor Component Extraction Well
B3-EXW03	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Extraction well	9 months	Bioreactor Component Extraction Well
B3-EXW04	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Extraction well	9 months	Bioreactor Component Extraction Well
B3-EXW05	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Extraction well	9 months	Bioreactor Component Extraction Well
CS-I	LGR	18 months	Exclude	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Provides background/ most upgradient well	30 months	Retain as upgradient/background monitoring point, distant from Plume 1
CS-MW12-BS	BS	As needed	Exclude	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	cross/downgradient well in BS	Exclude	BS is not a viable portion of the aquifer
CS-MW12-CC	CC	18 months	Exclude	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	cross/downgradient well in CC	30 months	Cross-gradient, along fault, between source and CSSA boundary; Between plume and fence line; ND COC concentrations

APPENDIX C.2 (cont.)
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 1
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
CS-MW12-LGR	LGR	9 months	Exclude	Biennial	Exclude/Reduce	Retain	Retain	cross/downgradient well in LGR	15 months	Cross-gradient, along fault, between source and CSSA boundary; Between plume and fence line; Cross-gradient and all ND. Retain as sentinel well for CS-10
CS-MW16-CC	CC	Semi-annual + snapshot	Retain	Biennial	Retain	Retain	Retain	Extraction well	9 months	Bioreactor Component Extraction Well; monitor VOC levels feeding injection; Active remediation well
CS-MW16-LGR	LGR	Semi-annual + snapshot	Retain	Biennial	Retain	Retain	Retain	Extraction well	9 months	Bioreactor Component Extraction Well; monitor VOC levels feeding injection; Active remediation well
CS-MW17-LGR	LGR	9 months	Exclude	Biennial	Exclude/Reduce	Retain	Retain	Upgradient DWW CS-13	15 months	Well down/cross gradient of plume and up gradient of CS-13; Only monitoring well in the east pasture; Downgradient and all F Flag or ND. Retain as sentinel well for CS-13
CS-MW18-LGR	LGR	9 months	Exclude	Biennial	Exclude/Reduce	Retain	Retain	Down gradient CS-10; between B3 and AOC-65	30 months	Distant downgradient well with ocassional trace detections
CS-MW19-LGR	LGR	9 months	Exclude	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Between plume 1 and CS-10	30 months	Downgradient well with predictable trace detections
CS-MW1-BS	BS	As needed	Retain	Biennial	Exclude/Reduce	Retain	Retain	In-plume, down gradient source	Exclude	BS is not a viable portion of the aquifer
CS-MW1-CC	CC	18 months	Retain	Biennial	Exclude/Reduce	Retain	Retain	In-plume, down gradient source	30 months	Historically ND, downgradient
CS-MW1-LGR	LGR	Semi-annual + snapshot	Retain	Biennial	Retain	Retain	Retain	In-plume, down gradient source	15 months	Downgradient well with stable COC concentrations
CS-MW20-LGR	LGR	9 months	Retain	Biennial	Exclude/Reduce	Retain	Retain	Toe of plume 1	30 months	Downgradient well with predictable/stable COC concentrations
CS-MW21-LGR	LGR	9 months	Exclude	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	down gradient plume, up gradient DWW CS-1	30 months	Cross-gradient well with historical ND
CS-MW22-LGR	LGR	9 months	Exclude	Biennial	Exclude/Reduce	Retain	Retain	down gradient of toe of plume	30 months	Downgradient well with historical ND
CS-MW23-LGR	LGR	9 months	Exclude	Biennial	Exclude/Reduce	Retain	Retain	between B-3 and AOC-65	30 months	Downgradient well with historical ND
CS-MW24-LGR	LGR	Semi-annual + snapshot	Exclude	Biennial	Exclude/Reduce	Retain	Retain	Monitor western plume-edge migration	30 months	Downgradient well with historical ND
CS-MW25-LGR	LGR	9 months	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor upgradient of plume	30 months	Upgradient well with historical ND
CS-MW2-CC	CC	18 months	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor SE plume-edge in CC	30 months	Downgradient well with historical ND
CS-MW2-LGR	LGR	Semi-annual + snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor SE plume-edge	30 months	Downgradient well with historical ND/trace detctions and decreasing trends
CS-MW3-LGR	LGR	9 months	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor upgradient of plume	30 months	Upgradient well with historical ND
CS-MW4-LGR	LGR	9 months	Exclude	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor cross-gradient near southern toe of plume	30 months	Cross-gradient well with historical ND/trace detections

APPENDIX C.2 (cont.)
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 1
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
CS-MW5-LGR	LGR	9 months	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor up/cross-gradient near plume body	15 months	Cross-gradient plume edge with increasing trends in PCE/TCE
CS-MW9-BS	BS	As needed	Exclude	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor BS background	Exclude	BS is not a viable portion of the aquifer
CS-MW9-CC	CC	18 months	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor CC background	30 months	Upgradient and cross-gradient of Plume 1, historical ND
CS-MW9-LGR	LGR	9 months	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor LGR background	30 months	Upgradient and cross-gradient of Plume 1, historical ND
CS-MWG-LGR	LGR	18 months	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Provides background in unaffected area	30 months	Retain as upgradient/background monitoring point, distant from Plume 1
CS-MWH-LGR	LGR	18 months	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Provides background in unaffected area	30 months	Retain as upgradient/background monitoring point, distant from Plume 1
CS-WB05-BS-01	BS	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-CC-01	CC	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-CC-02	CC	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-LGR-01	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-LGR-02	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-LGR03A	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-LGR03B	LGR	Semi-annual	Retain	Annual	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-LGR-04A	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB05-LGR-04B	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB06-LGR-01	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB06-LGR-02	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB06-LGR03A	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system

APPENDIX C.2 (cont.)
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 1
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
CS-WB06-LGR03B	LGR	Semi-annual	Retain	Annual	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB06-LGR-04	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB06-UGR-01	UGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB07-LGR-01	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB07-LGR-02	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB07-LGR03A	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB07-LGR03B	LGR	Semi-annual	Retain	Annual	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB07-LGR03B	LGR	Semi-annual	Retain	Annual	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB07-LGR-04	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB07-UGR-01	UGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB08-LGR-01	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB08-LGR-02	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB08-LGR03A	LGR	Semi-annual	Retain	Biennial	Exclude/Reduce	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB08-LGR03B	LGR	Semi-annual	Retain	Annual	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB08-LGR-04	LGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system
CS-WB08-UGR-01	UGR	Semi-annual	Retain	Biennial	Retain	Retain	Retain	Provides vertical distribution	9 months	Monitor vertical distribution of contaminants near remediation system

APPENDIX C.3
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 2
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
BSR-03		9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	Distance from plume, ND history	Exclude	
BSR-04		9-month snapshot	Retain	Exclude	Not Analyzed	Retain	Exclude	Distance from plume, ND history	Exclude	
CS-MW10-CC	CC	Every 18 months	Retain	Biennial	Not Analyzed	Retain	Retain	Downgradient Plume 2 and adjacent to boundary	30 months	Monitor Plume 2 in CC downgradient of source area
CS-MW10-LGR	LGR	Semi-annual + snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Downgradient Plume 2 and adjacent to boundary	15 months	Monitor Plume 2 in LGR downgradient of source area
CS-MW11A-LGR	LGR	Semi-annual + snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Upgradient Plume 2, downgradient Plume 1, adjacent to bo	15 months	Monitor LGR upgradient/cross-gradient Plume 2
CS-MW11B-LGR	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Upgradient Plume 2, downgradient Plume 1, adjacent to bo	15 months	Monitor LGR upgradient/cross-gradient Plume 2
CS-MW23-LGR	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Upgradient Plume 2, downgradient Plume 1	30 months	Upgradient Plume 2/ background, downgradient Plume 1
CS-MW35-LGR	LGR	Semi-annual + snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Upgradient Plume 2	15 months	Monitor LGR upgradient/cross-gradient Plume 2
CS-MW36-LGR	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Within Plume 2	15 months	Monitor LGR within source area
CS-MW6-BS	BS	Every 18 months	Exclude	Exclude	Not Analyzed	Retain	Exclude	BS is not a viable portion of the aquifer	Exclude	
CS-MW6-CC	CC	Every 18 months	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Cross-gradient/upgradient plume-edge	30 months	Monitor CC upgradient Plume 2
CS-MW6-LGR	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Cross-gradient/upgradient plume-edge	15 months	Monitor LGR upgradient Plume 2
CS-MW7-CC	CC	Every 18 months	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Upgradient plume-edge	30 months	Monitor CC upgradient Plume 2
CS-MW7-LGR	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Upgradient plume-edge	15 months	Monitor LGR upgradient Plume 2
CS-MW8-CC	CC	Every 18 months	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Within Plume 2	15 months	Monitor Plume 2 within CC
CS-MW8-LGR	LGR	Semi-annual + snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Within Plume 2	15 months	Monitor Plume 2 in LGR
CS-WB01-LGR-01	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-02	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-03	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-04	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-05	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-06	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-07	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-08	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-LGR-09	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB01-UGR-01	UGR	9-month snapshot	Retain	Biennial	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-01	LGR	9-month snapshot	Retain	Biennial	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants

APPENDIX C.3 (cont.)
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 2
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
CS-WB02-LGR-02	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-03	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-04	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-05	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-06	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-07	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-08	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-LGR-09	LGR	9-month snapshot	Retain	Biennial	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB02-UGR-01	UGR	9-month snapshot	Retain	Biennial	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-01	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-02	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-03	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-04	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-05	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-06	LGR	9-month snapshot	Retain	Less than Biennial, see users guide	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-07	LGR	9-month snapshot	Retain	Biennial	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-08	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-LGR-09	LGR	9-month snapshot	Retain	Biennial	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB03-UGR-01	UGR	9-month snapshot	Retain	Biennial	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB04-BS-01	BS	Every 18 months	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-BS-02	BS	Every 18 months	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-CC-01	CC	Every 18 months	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-CC-02	CC	Every 18 months	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-CC-03	CC	Every 18 months	Retain	Less than Biennial, see users guide	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-LGR-01	LGR	Every 18 months	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants

APPENDIX C.3 (cont.)
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 2
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
CS-WB04-LGR-02	LGR	Every 18 months	Retain	Biennial	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-LGR-03	LGR	Every 18 months	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-LGR-04	LGR	Every 18 months	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	30 months	Provides vertical distribution of contaminants
CS-WB04-LGR-06	LGR	9-month snapshot	Retain	Biennial	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB04-LGR-07	LGR	9-month snapshot	Retain	Biennial	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB04-LGR-08	LGR	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB04-LGR-09	LGR	9-month snapshot	Retain	Annual	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB04-LGR-10	LGR	9-month snapshot	Retain	Annual	Retain	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB04-LGR-11	LGR	9-month snapshot	Retain	Annual	Exclude/Reduce	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
CS-WB04-UGR-01	UGR	9-month snapshot	Retain	Biennial	Not Analyzed	Retain	Retain	Monitor vertical distribution of contaminants	15 months	Provides vertical distribution of contaminants
FO-17	CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	History of ND and distant location	Exclude	
FO-22	CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	History of ND and distant location	Exclude	
FO-8	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	History of ND and distant location	Exclude	
FO-J1	CC	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	History of F-flag PCE detections	30 months	Upgradient Plume 2, downgradient Plume 1 with trace detections
HS-1	CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Distant location, ND in last 3 years with trace detections (F	Exclude	
HS-2	CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Distant location, ND in last 4 years with trace detections (F	Exclude	
HS-3	CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	History of ND and distant location	Exclude	
I10-10		9-month snapshot	Retain	Exclude	Not Analyzed	Retain	Exclude	Distant location and ND history (3 events)	Exclude	
I10-2	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Downgradient plume edge and ND history	Exclude	
I10-5	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
I10-7		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Redundancy with I10-8	Exclude	
I10-8		9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Upgradient/cross-gradient plume edge	30 months	Cross-gradient plume edge on downgradient side, ND history
JW-13		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
JW-14	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	No F-flag hits since 2009	Exclude	
JW-15	LGR	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
JW-20	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Distance from plume, ND history	Exclude	
JW-26		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
JW-27	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Periodic F-flag detections up to 2009, all ND since	Exclude	
JW-28		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
JW-29	LGR	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Periodic F-flag detections up to 2009, all ND since	Exclude	
JW-30		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Periodic F-flag detections up to 2010, all ND since	Exclude	
JW-31	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2009	Exclude	
JW-5	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Periodic F-flag detections up to 2011, all ND since	Exclude	
JW-6	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
JW-7		9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Consistent F-flag detections of PCE since 2005	30 months	Upgradient Plume 2, downgradient Plume 1 with trace detections

APPENDIX C.3 (cont.)
PROPOSED GROUNDWATER MONITORING PRORAM SUMMARY BASED ON 2015 LONG TERM MONITORING OPTIMIZATION EVAUATION
PLUME 2
CAMP STANLEY STORAGE ACTIVITY, TEXAS

Well Name	Zone	Current Sampling Frequency	Qualitative Evaluation		Temporal Evaluation	Spatial Evaluation	Summary			
			Retention Evaluation	Recommended Monitoring Frequency			Final Retention Evaluation	Retention Rationale	Recommended Monitoring Frequency	Frequency Rationale
JW-8	LGR/CC/HS	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Consistent F-flag detections of PCE since 2005	30 months	Upgradient Plume 2, downgradient Plume 1 with trace detections
JW-9		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
LS-1	LGR/CC	9-month snapshot	Retain	Biennial	Exclude/Reduce	Retain	Retain	Consistent F-flag detections of PCE since 2008, downgradie	15 months	Cross-gradient plume edge/downgradient
LS-4	LGR	9-month snapshot	Retain	Annual	Exclude/Reduce	Retain	Retain	Consistent F-flag detections of PCE since 2005, downgradie	15 months	Downgradient
LS-5		Quarterly	Retain	Semi-Annual	Retain	Retain	Retain	Within Plume 2, private supply well, GAC wellhead protecti	Quarterly	PSW with GAC wellhead protection
LS-6		Quarterly	Retain	Semi-Annual	Retain	Retain	Retain	Within Plume 2, private supply well, GAC wellhead protecti	Quarterly	PSW with GAC wellhead protection
LS-7		Quarterly	Retain	Semi-Annual	Exclude/Reduce	Retain	Retain	Within Plume 2, private supply well, GAC wellhead protecti	Quarterly	PSW with GAC wellhead protection
OFR-1	LGR/BS	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Plug and Abandonment imminent	Exclude	
OFR-3		Quarterly	Retain	Semi-Annual	Retain	Retain	Retain	Within Plume 2, private supply well, GAC wellhead protecti	Quarterly	PSW with GAC wellhead protection
OFR-4		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	Plug and Abandonment imminent	Exclude	
OW-BARNOWL	SL/HO	9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
OW-CE1		9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
OW-CE2		9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
OW-DAIRYWELL	SL/HO	9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
OW-HH1	SL/HO	9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
OW-HH2	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
OW-HH3		9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
OW-MT2	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	History of ND and distant location	Exclude	
RFR-10		Quarterly	Retain	Semi-Annual	Exclude/Reduce	Retain	Retain	Within Plume 2, private supply well, GAC wellhead protecti	Quarterly	PSW with GAC wellhead protection
RFR-11		Quarterly	Retain	Semi-Annual	Retain	Retain	Retain	Within Plume 2, private supply well, GAC wellhead protecti	Quarterly	PSW with GAC wellhead protection
RFR-12	LGR/CC/HS	9-month snapshot	Retain	Semi-Annual	Exclude/Reduce	Retain	Retain	Downgradient plume edge	15 months	Downgradient plume edge well with detections
RFR-13	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
RFR-14	LGR/CC	9-month snapshot	Retain	Less than Biennial, see users guide	Exclude/Reduce	Retain	Retain	Periodic F-flag detections of PCE between 2010 and 2014	30 months	Upgradient Plume 2, downgradient Plume 1
RFR-3	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
RFR-4	LGR	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
RFR-5	LGR/CC	9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
RFR-8		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005	Exclude	
RFR-9		9-month snapshot	Retain	Exclude	Exclude/Reduce	Retain	Exclude	ND history since 2005 except one F-flag detection in 2009	Exclude	
SLD-01		9-month snapshot	Retain	Exclude	Exclude/Reduce	Exclude	Exclude	Distance from plume	Exclude	
SLD-02		9-month snapshot	Retain	Exclude	Not Analyzed	Exclude	Exclude	All ND since 2012 and distant from plume	Exclude	

Appendix D List of all CSSA Groundwater Monitoring Program On-Post Well Locations and the Rationale for Installation

Drilling Location	***Date Installed***	***Rationale***
Supply Wells (CS-1, CS-9, CS-10, CS-11)	March 1940 – September 1958	➢ All production wells to supply CSSA with potable water, and are open-hole completions fully penetrating throughout the thickness of the Middle Trinity aquifer. ➢ CS-1 is located on Camp Bullis, but is operated and maintained by CSSA. Used as supplemental groundwater production by direct entry into the distribution system. ➢ Wells CS-9, CS-10, CS-11 are part of wellfield that are located in conjunction with the storage reservoir. CS-10 is the primary purveyor of groundwater for CSSA. CS-9 is generally inactive and was plugged in August, 2015. CS-11 is no longer used due to coliform contamination and was plugged in August 2015.
Agricultural Wells (CS-2, CS-3, CS-4, CS-D, CS-G, CS-H, CS-I	Dates Unknown *(except CS-I in April 1979)*	➢ Old agricultural and supply wells that generally produce groundwater from the Lower Glen Rose. Most were formerly equipped with windmills or motorized pump jacks. ➢ With exception of CS-I, all are inactive except for groundwater monitoring. ➢ CS-H was obstructed, and has been replaced by CS-MWH-LGR (see below).
CS-MW1 Cluster (CS-MW1-LGR, CS-MW1-BS, CS-MW1-CC)	July 2002 November 2002 December 2002	➢ Monitors for southward flow components within Plume 1 and the fault zone. ➢ Helps evaluate the effects of topographic expression on the water table and local recharge. ➢ Determine if contamination detected in LGR groundwater at this location has migrated downward to the Bexar Shale and Cow Creek Limestone. ➢ Fills in spatial data gap in central portion of CSSA. ➢ CS-MW1 was installed in 1996 as an open borehole completion for preliminary investigation of the well CS-16 and CS-D VOC detections. This well was upgraded to a screen completion (CS-MW1-LGR) in July 2002.
CS-MW2-Pair (CS-MW-2-LGR CS-MW2-CC)	July 2002 March 2003	➢ Fills data gap regarding Cow Creek in the eastern portion of the Inner Cantonment. ➢ Monitors for eastward flow of Plume 1 contaminants beyond the fault zone. ➢ Determine if contamination detected in LGR groundwater at this location has migrated downward to the Bexar Shale and Cow Creek Limestone. ➢ Helps evaluate effects of topographic expression on the water table and local recharge. ➢ CS-MW2 was installed in 1996 for preliminary investigation of the well CS-16 and CS-D VOC detections. This well was upgraded to a screen completion (CS-MW2-LGR) in July 2002.
CS-MW3-LGR	February 2001	➢ Monitors for eastward flow components within Plume 1 and the fault zone. ➢ Helps evaluate the effects of topographic expression on the water table and local recharge. ➢ Fills in spatial data gap in eastern portion of CSSA.
CS-MW4-LGR	February 2001	➢ Serves as a downgradient LGR well to Plume 1 outside the fault zone. ➢ Helps measure effects (if any) that Salado Creek may have on localized groundwater system.
CS-MW5 LGR	February 2001	➢ Fills data gap regarding subsurface in the eastern portion of the inner cantonment area.

Drilling Location	***Date Installed***	***Rationale***
		➢ Monitors for eastward flow of Plume 1 contaminants within the fault zone. ➢ Helps evaluate effects of topographic expression on the water table and local recharge. ➢ Fills in spatial data gap in eastern portion of CSSA.
CS-MW6-Cluster (CS-MW6-LGR, CS-MW6-BS, CS-MW6-CC)	March 2001 - April 2001	➢ Provides data for areas upgradient of Building 90 (AOC 65). ➢ Provides information regarding BS and CC Limestone in the vicinity of the Plume 2 area.
CS-MW7-Pair (CS-MW7-LGR, CS-MW7-CC)	June 2001 - July 2001	➢ Monitors groundwater impacts in the most industrialized portion of CSSA (Plume 2). ➢ Provides information for area downgradient (based on historical potentiometric maps) of Building 90 during periods of normal groundwater levels.
CS-MW8-Pair (CS-MW8-LGR, CS-MW8-CC)	May 2001 - June 2001	➢ Monitors groundwater impacts in the most industrialized portion of CSSA (Plume 2). ➢ Provides information for area downgradient (based on historical potentiometric maps) of Building 90 during periods of low (drought condition) groundwater levels.
CS-MW9-Cluster (CS-MW9-LGR, CS-MW9-BS, CS-MW9-CC)	November 2000 - January 2001	➢ Provides background condition data, upgradient of Wells CS-16 and CS-D and fault zone. ➢ Provides a sentry well between Plume 1 and nearest Fair Oaks municipal production well. ➢ Provides information regarding BS and CC Limestone north of inner cantonment area.
CS-MW10-Pair (CS-MW10-LGR, CS-MW10-CC)	September 2001	➢ Provides data in vicinity of former well CS-6, which had 1.5 ppb PCE in May 1994. Also within 500 feet of impacted off-post wells at Leon Springs Villa and Curres Creek Road. ➢ Monitors groundwater impacts in the most industrialized portion of CSSA. ➢ Helps spatially distribute data for future modeling efforts. ➢ Provides data for area proximal to mapped fault zone.
CS-MW11 Cluster CS-MW11A-LGR CS-MW11B-LGR	April 2003	➢ Provides data for area east of Building 90 (AOC-65) and provide detection monitoring for public supply wells along southern post boundary. ➢ Investigate hydrologic properties of large, transmissive fault system encountered at this location (MW11B-LGR).
CS-MW12 Cluster (CS-MW12-LGR CS-MW12-BS CS-MW12-CC)	September 2002 - October 2002	➢ Serves as a monitoring point down-gradient of Plume 1, within the fault zone, and between the source area and CSSA drinking water supply wells.
CS-16 Cluster CS-16-LGR CS-MW16-CC	July 2002 June 2003	➢ CS-16 is a former supply well that was re-fitted as a monitoring well (CS-16-LGR) in July 2002. The BS and CC portions of the former supply well were plugged with cement to eliminate downward cross contamination between the LGR and CC portions of the Middle Trinity aquifer. ➢ Monitors Cow Creek major water-bearing zone adjacent to the alleged Plume 1 source area. ➢ Determine if contamination detected in LGR groundwater at this location has migrated downward to the Bexar Shale and Cow Creek Limestone. ➢ Since 2007, both wells have been used as part of the groundwater containment and recirculation activities associated with the SMWU B-3 Bioreactor system.

Drilling Location	***Date Installed***	***Rationale***
CS-MW17-LGR CS-MW18-LGR CS-MW19-LGR	July 2002 - August 2002	➢ CS-MW17-LGR installed for detection of Plume contaminants between source area and public supply well CS-1. ➢ CS-MW18-LGR and MW19-LGR monitors LGR groundwater downgradient of Plume 1 in central sections of CSSA.
CS-WB01-LGR CS-WB02-LGR CS-WB03-LGR	July 2003 - August 2003	➢ Multi-port wells to provide information on UGR and LGR in AOC-65 area. ➢ Monitor subsurface throughout possible Plume 2 migration pathways. ➢ Provide continuous detailed profile analysis of hydrologic and contaminant properties near Plume 2 source area.
CS-WB04	July 2003 - August 2003	➢ Provides off-post data near impacted off-post private wells and near faults thought to affect the advance of Plume 2. ➢ Helps spatially distribute data for future modeling efforts.
CS-WB05 CS-WB06-LGR CS-WB07-LGR CS-WB08-LGR	July 2005 - November 2005	➢ These multi-port wells are used to support ongoing remedial activities at SWMU B-3. ➢ Provide information on UGR and LGR in SWMU B-3 area. ➢ WB05 is also completed through the BS and CC portions of the Middle Trinity aquifer in support of pumping and tracer testing being conducted as part of the remedial effort. ➢ Monitor subsurface throughout possible Plume 1 migration pathways from the source area. ➢ Provide continuous detailed profile analysis of hydrologic and contaminant properties near Plume 1 source area.
CS-MWG-LGR CS-MWH-LGR	June 2002 September 2002	➢ Monitor LGR in northern portion of CSSA, up-gradient of affected areas. ➢ Monitor LGR for potential contaminants entering CSSA from the north. ➢ CS-G is an existing agricultural/livestock well (see above) re-fitted with a new surface completion in June 2002. Re-designated as CS-MWG-LGR, the well is an open borehole completion through most of the LGR. ➢ CS-MWH-LGR is a replacement well for former well CS-H (see above). Provides a remote water supply well for livestock, wild game, and fire protection. Also used for groundwater monitoring.
CS-MW20-LGR CS-MW21-LGR	May 2006	➢ Provide additional data to characterize the gap between MW19-LGR, MW4-LGR, MW17-LGR, and CS-1. ➢ Monitor to understand and delineate the groundwater elevation mounding at MW4-LGR. ➢ Monitor to further define the shape of Plume 1. ➢ Monitor CS-MW21-LGR to determine the significance of Salado Creek as a conduit and determine if subsurface karst development has occurred in conjunction with Salado Creek.
CS-MW22-LGR	May 2006	➢ Monitor to further define the shape of Plume 1. ➢ Monitor for additional information for groundwater elevation data. ➢ Monitor to study a large throw fault extending across southern CSSA.
CS-MW23-LGR	May 2006	➢ Monitor to delineate upgradient VOCs near AOC-65, to support that no other VOC contamination source is present.
CS-MW24-LGR	May 2006	➢ Monitor the westward movement of Plume 1. Historical results indicate that Plume 1 may have a significant westward component. Concentrations in CS-D have increased while concentrations at MW16 have decreased. ➢ Provide additional characterization data for the area of the plume which exceeds the MCLs toward Ralph Fair Road.
CS-MW25-LGR	May 2006	➢ Monitor the north-northeast margin of PCE/TCE/DCE concentrations detected around the CS-MW16 well location. This location is proximal to SWMU B-8 and AOC 41

Drilling Location	***Date Installed***	***Rationale***
		➢ Provide additional data for characterization of the plume midpoint between MW4-LGR and CS-1 and to further define the shape of Plume 1.
CS-MW26-UGR CS-MW27-UGR CS-MW28-UGR CS-MW29-UGR CS-MW30-UGR CS-MW31-UGR CS-MW32-UGR CS-MW33-UGR CS-MW34-UGR	May 2010 December 2009 May 2010 May 2010 April 2010 April 2010 April 2010 May 2010 May 2010	➢ Nine wells to provide data for a refined understanding of local groundwater occurrence and movement in the shallow Upper Glen Rose (UGR) groundwater around the bioreactor. ➢ Additional characterization of subsurface contamination related to past and present activities at SWMU B-3, and for other general monitoring of the ongoing bioreactor treatability study.
CS-MW35-LGR	March 2011	➢ Provides data for area southeast of Building 90 (AOC-65) and provide detection monitoring for public supply wells along southern post boundary.
CS-MW36-LGR	March 2011	➢ Provides data on the production interval of the LGR at the AOC-65 source area. Generally describes the contaminant condition of the production interval of the basal transmissive zone at the CSSA property boundary.
CS-12	February 2009	➢ A production well to supply CSSA with potable water, and is an open-hole completions fully penetrating throughout the thickness of the Middle Trinity aquifer. ➢ Well CS-12 will help alleviate the workload of wells CS-10 and CS-1 which provide CSSA with potable drinking water. It will replace the production of CS-9 and CS-11 which have been taken offline for various reasons. ➢ CS-9 is generally inactive and CS-11 is no longer used due to coliform contamination and ultimately, both wells were plugged in August 2015.
CS-13	April 2012	➢ A production well to supply CSSA with potable water, and is an open-hole completions fully penetrating throughout the thickness of the Middle Trinity aquifer. ➢ Well CS-13 will help alleviate the workload of wells CS-1, CS-10, and CS-12 which provide CSSA with potable drinking water. It will replace the production of CS-9 and CS-11 which have been taken offline for various reasons and were plugged in August 2015. ➢ The location in the southeast corner of the distribution system will mitigate low chlorine residuals in dead-end segments in the East Pasture, and provide non-existent fire protection to the range.
CS-EXW01-LGR CS-EXW02-LGR CS-EXW03-LGR CS-EXW04-LGR CS-EXW05-LGR	May 2009 June 2010 May 2011 June 2011 June 2012	➢ A series of cased-open borehole wells completed through the entire thickness of the Lower Glen Rose (LGR) at locations in, and around the bioreactor at SWMU B-3. The wells are used for contaminant monitoring, and to provide a source of groundwater for the bioreactor system. ➢ EXW01-LGR is located adjacent to the former SWMU B-3 trenches. EXW02-LGR is located adjacent to the former O-1 disposal pit to the south. EXW03-LGR is located west of the bioreactor within a large subsurface fracture network. EXW04-LGR is located to the southwest towards the Salado Creek flowpath. EXW05-LGR is located to the east in an upgradient position. Containment at the northern end of SWMU B-3 is covered by the MW16-LGR and –CC well pair. ➢ The wells are positioned around the Plume 1 source area to capture, and provide containment of VOC contamination originating from SWMU B-3. Each well is connected to a distribution system that pumps water to a centralized facility, which then re-injects the groundwater into the Bioreactor.