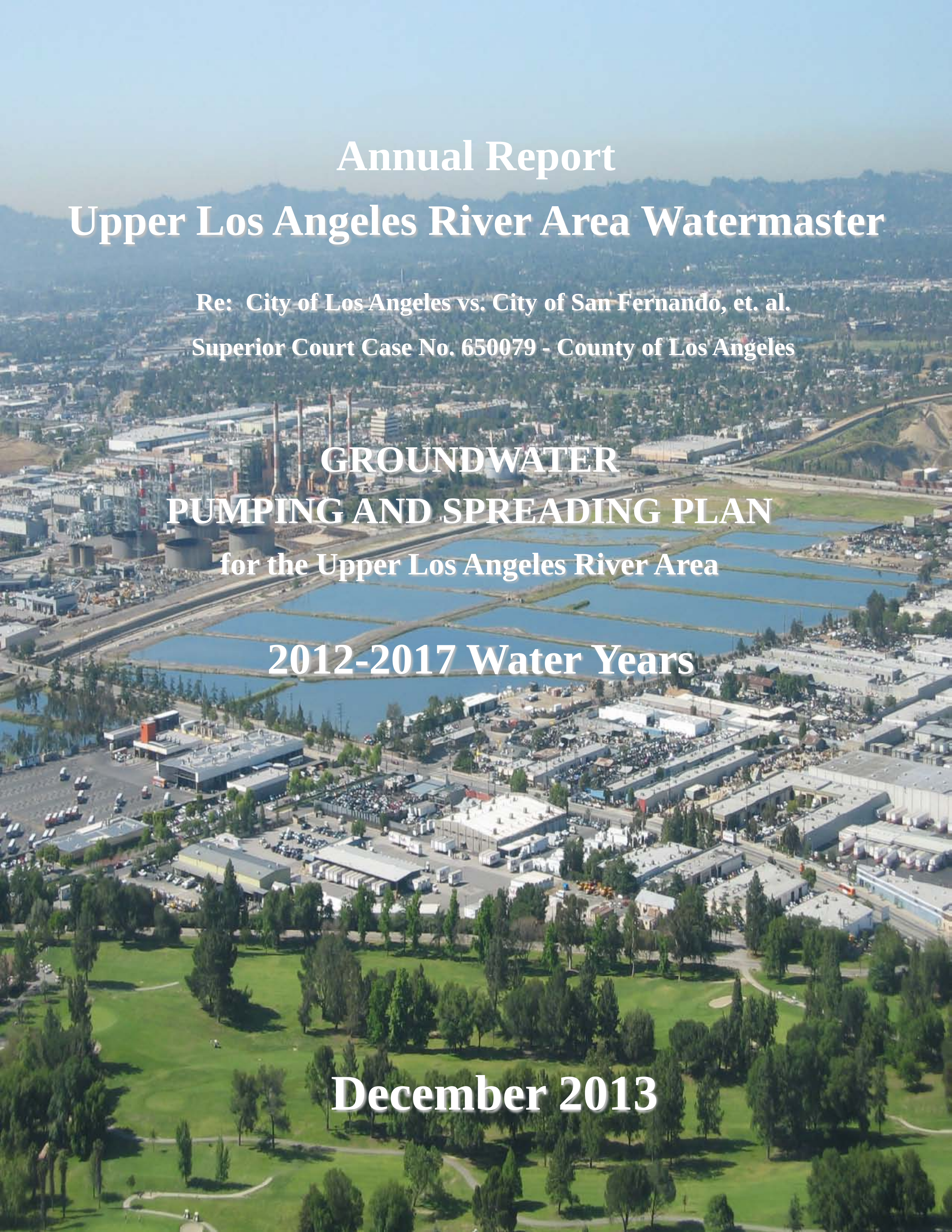

Annual Report

Upper Los Angeles River Area Watermaster

Re: City of Los Angeles vs. City of San Fernando, et. al.

Superior Court Case No. 650079 - County of Los Angeles

GROUNDWATER PUMPING AND SPREADING PLAN

for the Upper Los Angeles River Area

2012-2017 Water Years

December 2013

ANNUAL REPORT

UPPER LOS ANGELES RIVER AREA WATERMASTER

Re: City Of Los Angeles vs. City Of San Fernando, et. al.
Superior Court Case No. 650079 - County Of Los Angeles

GROUNDWATER PUMPING AND SPREADING PLAN FOR THE UPPER LOS ANGELES RIVER AREA (ULARA) LOS ANGELES COUNTY, CALIFORNIA

2012-2017 WATER YEARS
October 2012 – September 2017

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Copies of this report may be downloaded from the
ULARA Watermaster Website (http://ularawatermaster.com).

December 2013

TABLE OF CONTENTS

IX. TABLES

X. FIGURE

XI. PLATES

I. EXECUTIVE SUMMARY

As the Watermaster for the Court-adjudicated Upper Los Angeles River Area (ULARA), I am pleased to submit this Annual Report for the Groundwater Pumping and Spreading Plan for Water Years 2012-13 through 2016-17. Note that this Annual Report is being submitted to the Court later than the anticipated July 2013 filing date. Due to various technical personnel issues at the Watermaster's office, the report was provided to the Court in September 2014. However, to avoid confusion with the submittal to the Court later this year of the Annual Pumping and Spreading Plan for Water Years 2013-14 through 2017-18, this current report has been purposely dated December 2013.

This report has been prepared to be in compliance with Section 5.4 of the Policies and Procedures document, as developed by the original ULARA Watermaster, which established the Watermaster's responsibility for management of the four groundwater basins in ULARA (the San Fernando, Verdugo, Sylmar and Eagle Rock basins). Also provided in this Groundwater Pumping and Spreading Plan, as appendices, are the individual pumping and spreading plans submitted by each of the five major pumping Parties (the cities of Burbank, Glendale, Los Angeles and San Fernando, and the Crescenta Valley Water District) for their proposed operations during Water Years 2012-13 through 2016-17. Further, this report discusses the possible changes in recharge, spreading, pumping rates and pumping patterns, especially in relation to the present and future plans for cleanup of the contaminated groundwater in the eastern portion of the San Fernando Groundwater Basin.

In this current Water Year which ended September 30, 2013, the cities of Los Angeles and San Fernando both encountered pumping difficulties in the Sylmar Basin and expect to pump less than their annual entitlements from this basin. Overall pumping in the San Fernando Basin (SFB) will also be less than its long-term average. Specifically, the cities of Burbank and Glendale are on track to produce more than their adjudicated water rights from SFB, whereas the City of Los Angeles continues to experience considerable challenges with groundwater contamination in this basin and thus will pump less groundwater than its annual entitlement. In the Verdugo Basin, both the Crescenta Valley Water District (CVWD), due to local problems with groundwater contamination, and Glendale, due to its limited local pumping capacity, expects to produce less than their adjudicated water right during Water Year 2012-2013.

Currently, there are five major groundwater cleanup facilities (each with its own water wells and treatment plant) in operation in ULARA. These include: the North Hollywood Operable Unit (NHOU) and the Pollock Wells Treatment Plant, both of which are located in the City of Los

Angeles; the Burbank OU (BOU) in Burbank; the Glendale OU (GOU) in Los Angeles, which contains a North Operable Unit (GNOU) and a South Operable Unit (GSOU); and the CVWD Glenwood Nitrate Removal Plant in La Crescenta. Glendale operates its grant-funded Weak Base Anion (WBA) Chromium Removal facility to remove hexavalent chromium from a portion of the groundwater produced by its OU wells. In addition to the WBA treatment, an existing 100-gpm demonstration facility uses reduction, coagulation and filtration (RCF) technology to remove hexavalent chromium from the groundwater. The City of Los Angeles continues to operate wellhead treatment facilities on a few of its twelve wells at its Tujunga Wellfield in the SFB.

The groundwater model, which is updated each year by the Watermaster support group at the Los Angeles Department of Water and Power (LADWP), continues to be used to simulate the combined effects of the projected pumping and spreading operations on groundwater elevations in the SFB for the five-year period ending September 30, 2018. The most significant effects shown by their recent modeling effort include the rebound of simulated water levels in the basin resulting from increased recharge activity in the spreading basins that has occurred over time. This rebound is likely to continue into the future, in part because of the expected continued reduction in groundwater pumping by Los Angeles from the SFB. As simulated by the model, water levels may increase by as much as 20 to 45 feet in some areas. However, Los Angeles has had to reduce its pumping in some of its wellfields in response to ongoing water quality concerns regarding the existence of certain contaminants at concentrations that exceed their regulatory limits in the groundwater. As a result, LADWP is taking steps to site, design and eventually construct water treatment facilities to treat the contaminated groundwater in an effort to regain the operational capacity of its wellfields over the next several years. Also noteworthy are the simulated groundwater elevation contours in the areas near the BOU wells which appear to show some possible effects of plume containment by those wells. In summary, the estimated cumulative amounts of recharge have been projected to exceed the cumulative amounts of extractions by approximately 235,190 AF over the next five years, as simulated by the LADWP model.

In closing, I would like to thank each Party for taking the time and making the effort to provide its individual Spreading and Pumping Plan for the next five Water Years, and express my appreciation to each of those Parties for providing information and data that were essential to the preparation of this Annual Pumping and Spreading Plan document for Water Years 2012-13 through 2016-17. Also much appreciated has been the continued assistance of the Watermaster support group at LADWP (including Mr. Hadi Jonny, Ms. Fatema Akhter, Ms. Araceli Carrillo and Mr. Greg Reed) in helping with data analyses, modeling and preparation of the figures for this report.

RICHARD C. SLADE
ULARA Watermaster

II. INTRODUCTION

As a result of the groundwater contamination that was detected in certain water wells in the eastern portion of the San Fernando Basin in the late-1970s, the original ULARA Watermaster and Administrative Committee, together with the Los Angeles Regional Water Quality Control Board (LARWQCB), revised the ULARA Watermaster's Policies and Procedures (in July 1993) to help prevent further degradation of groundwater quality and to help limit the spread of contamination in all four ULARA groundwater basins. The Policies and Procedures document was revised again by that Watermaster in February 1998 to organize the material into a more comprehensive document.

Section 5.4 of the Policies and Procedures requires each of the five municipal-supply purveyors (Parties) in ULARA to prepare its own annual Groundwater Pumping and Spreading Plan for each successive five-year period. These five Parties include the cities of Burbank, Glendale, Los Angeles and San Fernando, and the Crescenta Valley Water District (CVWD). Thus, each of these municipal-supply pumpers is required to annually submit (on or before May 1 of each Water Year) its own Groundwater Pumping and Spreading Plan to the ULARA Watermaster. Each plan is to include the projected groundwater pumping and spreading volumes, recent water quality data for each active water well, and possible modifications planned for key facilities owned/operated by that Party (e.g., constructing or destroying wells, building or modifying treatment plants, etc) for the next five-year period.

The ULARA Watermaster is required to: evaluate the five individual plans in regard to the potential impacts of the combined pumping and spreading activities by all Parties regarding the implementation of the San Fernando Judgment of January 26, 1979; and provide, if needed, recommendations for improving groundwater management and/or for helping to protect groundwater quality in the ULARA groundwater basins. The Watermaster's evaluation and recommendations are to be included in each Annual Groundwater Pumping and Spreading Plan, and the Administrative Committee is to review and approve the plan so that it is provided to the Court in July of each Water Year.

This Annual Report represents the Groundwater Pumping and Spreading Plan for the five Water Year period of 2012-13 through 2016-17 for ULARA, and it has been prepared pursuant to Section 5.4 of the Policies and Procedures document. This report provides basic information to the Administrative Committee for use in possibly improving basin management, providing protection of the water rights of each Party, and protecting water quality within ULARA.

III. PLANS FOR THE 2012-13 THROUGH 2016-17 WATER YEARS

A. Projected Groundwater Pumping for 2012-13 Water Year

The estimated pumping capacities of the various municipal-supply water wells owned by each of the five Parties within the San Fernando, Sylmar and Verdugo basins are listed on Table 3-1; note that there are no municipal-supply wells in the Eagle Rock Basin. Also shown on Table 3-1 are the number of active wells owned by each Party in each basin, the total number of municipal-supply wells owned by all Parties in each basin, and the estimated pumping capacity of each well (as reported by each Party). Clearly, the SFB has the most Parties (3) and the total largest number of currently active municipal-supply water wells (76); the Sylmar Basin has the fewest number of active wells (4). The number of active wells in each basin is subject to change each year due to various problems, such as water level declines, mechanical problems, and impacts from groundwater contamination.

Table 3-1A has been prepared to show the actual and projected volumes of groundwater pumped by the five Parties for Water Year 2012-13 in the San Fernando, Sylmar and Verdugo groundwater basins. Actual values listed on Table 3-1A represent the specific volumes of groundwater pumped by each Party for the period October 2012 through March 2013, as reported to the Watermaster by the respective Party. Projected values shown on Table 3-1A are the groundwater extractions estimated (or projected) by each Party for the remainder of Water Year 2012-13 through September 2013 for each of the three ULARA groundwater basins. As seen on Table 3-1A, the 5 Parties expect to pump a total of approximately 75,906 acre feet (AF) of groundwater during Water Year 2012-13 from the three groundwater basins. These total groundwater extractions for Water Year 2012-13 by the five Parties are expected to include 65,708 AF from San Fernando Basin, 4,754 AF from Sylmar Basin and 5,444 AF from Verdugo Basin.

The total volume of groundwater expected to be pumped by all Parties (75,906 AF) during the current Water Year is 18,720 AF less than the 33-year (1979-2012) historical average extractions from the three basins. The estimated volume of pumping for the next Water Year (2013-14) is shown on Table 3-1A to be 63,756 AF, which is also less than the historical long-term (1979-2012) average of 94,626 AF.

As shown on Table 3-1B, the City of Burbank plans to pump 11,083 AF of groundwater from the SFB in the 2012-13 Water Year; this volume exceeds its annual pumping entitlement from this basin (including extractions by Valhalla Mortuary). Including approximately 350 AF of pumping by Valhalla Mortuary, extractions by Burbank will be 1,670 AF more than its five-year average of 9,413 AF, and 5,234 AF higher than its long-term average of 5,849 AF for the period of 1979-2012. Burbank's annual entitlement for the 2012-13 Water Year is 4,117 AF, based on its 20 percent import return credit (as reported in the 2011-12 Annual Watermaster Report). Existing and planned extractions by Burbank are required by its EPA-mandated groundwater clean-up operations by its Burbank Operable Unit (BOU) facilities; the BOU has a total pumping capacity of 9,000 gallons per minute (gpm) or about 14,000 acre-feet per year (AF/Y). Burbank can account for its pumping in excess of its annual import return credit by electing to purchase as much as 4,200 AF of Physical Solution water from Los Angeles. Also, since the completion of the Foothill Feeder connection, Burbank can spread MWD water in the Pacoima spreading grounds, and accumulate credit for the spread water. As of April 2013, Burbank has spread 6,702.5 AF of MWD water in the Pacoima Spreading Grounds during Water Year 2012-2013. Burbank may also purchase and import water from the Metropolitan Water District of Southern California (MWD) and store it in the SFB, or obtain stored water credits from the cities of Los Angeles and/or Glendale. Burbank can also use a portion of its *available* groundwater storage credits, which were 4,442 AF as of October 1, 2012 (Burbank also has an additional 7,863 AF of stored water credits *on reserve*).

CVWD plans to pump 3,211 AF in 2012-13, which is less than its full right of 3,294 AF/Y from Verdugo Basin. This planned pumping by CVWD from the Verdugo Basin is 233 AF more than its long-term average pumping of 2,853 AF for the period 1979-2012 and 358 AF more than its five-year average of 2,978 AF (2007-2012).

The City of Glendale resumed significant pumping from the SFB when its Glendale Operable Unit (GOU) began operating in September 2000. In the 2012-13 Water Year, Glendale plans to pump 7,483 AF from the SFB; this volume is 447 AF less than its five-year average of 7,930 AF (2007-2012). In the SFB, Glendale's annual water right is 4,898 AF, based on its 20 percent import return credit for water delivered to its service area within the SFB during the 2011-12 Water Year. Glendale has the right to purchase up to 5,500 AF/Y of Physical Solution water from Los Angeles to cover the excess pumping. Glendale can also use a portion of its *available* stored water credits, which totaled 16,688 AF as of October 1, 2012 (Glendale also has an additional 29,536 AF of stored water credits *on reserve*). In the Verdugo Basin, Glendale plans to pump 2,233 AF in Water Year 2012-13; this volume is 28 AF less than its 33-year (1979-2012) historical average of 2,261 AF, and represents an increase of 90 AF relative to its average pumping during the recent five-year period of 2007-2012 (see Table 3-1B). Glendale has recently been taking steps to increase its pumping capacity from the Verdugo Basin. In 2010-11, Glendale rehabilitated an old, unused well on Foothill Boulevard and connected it to the City's water supply system in mid-2011. Additionally, a new well at the Rockhaven Sanitarium was constructed in mid-2011, but, due to elevated concentrations of nitrate, the City has had to begin evaluating various nitrate treatment options. This new well will remain off-line until a final treatment method has been determined and a treatment facility has been constructed; construction of such a treatment facility is expected to be completed in 2015. Glendale is also planning on rehabilitating its Glorietta Wells 3 and 4 in their 2012-13 fiscal year

The City of Los Angeles expects to pump 47,142 AF this Water Year from the SFB, a volume that is 26,706 AF less than its long-term (1979-2012) annual average of 73,848 AF, and 4,075 AF less than its average pumping over the past five years (2007-2012). Los Angeles expects to pump 1,704 AF of groundwater from the Sylmar Basin; this volume is 1,103 AF less than its 1979-2012 average of 2,717 AF. As of October 1, 2012, Los Angeles' *available* stored water credits were 184,666 AF in the SFB (Los Angeles also has an additional 326,835 AF of stored water credits *on reserve* in the SFB). In the Sylmar Basin, Los Angeles has 9,014 AF of "frozen" water credits, or 8,826 AF of credits using the 5-year calculation method.

For 2012-13, the City of San Fernando plans to pump 3,050 AF from the Sylmar Basin. This volume is 264 AF less than its average pumping for the past five years and 53 AF less than its 32-year long-term average (for 1979 to 2012). San Fernando has 404 AF of "frozen" water credits, or 629 AF of credits using the 5-year calculation method.

Estimated pumping capacities of the ULARA wellfields are provided in Table 3-1A. Actual and projected amounts of pumping and spreading by the major parties during 2012-13 are shown in Tables 3-1A, 3-1B, and 5-1A.

B. Constraints on Pumping as of 2012-13

CONSTRAINTS ON PUMPING IN THE SAN FERNANDO BASIN

City of Burbank – The United States Environmental Protection Agency (USEPA) Consent Decree project implemented the Burbank Operable Unit (BOU) treatment facility which became fully operational on January 3, 1996.

As part of the requirement to close the first consent decree, USEPA required Burbank to demonstrate that the BOU would operate at its design capacity. In the summer of 2010, Burbank successfully completed a 60-day performance test at the BOU operating at 9,000 gpm. To ensure the effectiveness of the remedy EPA monitored drawdown and the extent of the cone of depression by conducting a multi-well pumping test for 30 days during the demonstration time frame. EPA used water levels and pumping ratio data monitored during this pumping test to update BOU hydraulic conductivity, transmissivity, and storativity values in the Basinwide groundwater model.

Groundwater extracted by the City of Burbank also contains chromium, which cannot be removed by the BOU or by Burbank's other groundwater treatment facility (the Lake Street GAC Treatment Plant). In January 2002, USEPA approved an operational mode for the BOU that allows the BOU wells to be pumped and also permits the blending of this pumped groundwater with imported MWD water to keep total chromium at concentrations at or below 5 micrograms per liter (µg/L); 1 µg/L is equivalent to one part per billion (ppb). This 5 µg/L concentration limit is still the goal established by the Burbank City Council for delivered water within the City during Water Year 2012-2013.

Currently, the BOU operations are limited by fluctuations in City-wide water demands and blending requirements to manage chromium concentrations. However, Burbank plans to continue the voluntary shut down of the Lake Street GAC Treatment Plant and nearby wells due to the inability to blend the extracted groundwater to lower chromium concentrations to 5 µg/L or less. Pumping of the GAC Treatment Plant and Lake Street wells during Water Year 2010-11 occurred only for water quality sampling purposes, and the treated extractions were delivered to Burbank's power plant for use as cooling tower water. Lockheed-Martin had arranged to utilize the capacity of the GAC Treatment Plant, when available, to augment the production of the BOU to reach the 9,000 gpm capacity of the BOU plant. The plant will not be operated in the future except for water quality testing and for emergency water supply.

The City of Burbank currently contracts with APT Water Services, LLC, for the day-to-day operation of the BOU.

<u>City of Glendale</u> – The Glendale Operable Unit (GOU) began operating in September 2000 but hexavalent chromium was encountered shortly thereafter in the pumped groundwater. However, because the Glendale OU was not designed to treat for chromium, Glendale has had to blend the treated water with imported supplies from MWD to achieve the target concentration of 5 µg/L (still used by the Glendale City Council) for this contaminant during Water Year 2012-13.

Glendale has continued to pursue an aggressive research program to identify viable treatment technologies for the removal of hexavalent chromium from its pumped groundwater. Glendale has received grants from federal and state appropriations, and the Water Research Foundation (WaterRF), and others, to investigate technology capable of large-scale treatment of hexavalent chromium. As a result, Glendale constructed the

Weak Base Anion (WBA) Chromium Removal facility to remove hexavalent chromium from groundwater produced by GSOU Well GS-3 using WBA exchange technology. They also constructed a 100-gpm demonstration scale facility next to its Glendale Water Treatment Plant; this plant uses reduction, coagulation and filtration (RCF) technology. The treatment facilities using the two technologies identified in a prior study by Malcolm Prinie were constructed and placed into service by April 2010; these facilities have been generally effective in removing chromium in the groundwater to concentrations below 5 μg/L.

City of Los Angeles - All wellfields operated by Los Angeles within the SFB have been impacted by groundwater contamination, primarily from volatile organic compounds (VOCs), such as trichloroethylene (TCE) and perchloroethylene (PCE). This contamination has greatly impacted the ability of Los Angeles to pump groundwater from the SFB. Contaminant concentrations have exceeded the respective Primary MCLs for these VOCs in a large percentage of the active wells operated by Los Angeles. Whereas Los Angeles' five-year pumping plans reflect continued reductions in its groundwater pumping, this City is responding to the challenges of groundwater contamination by pursuing plans to build new facilities for contaminant removal; when completed, these facilities will help restore Los Angeles' ability to pump and serve potable groundwater to its customers.

Hexavalent chromium contamination also resulted in the discontinued operation of one of Los Angeles' extraction wells, Aeration Well No. 2, at the North Hollywood Operable Unit (NHOU) facility. Under a March 2007 Amendment to an existing Clean-up and Abatement Order (CAO) issued by the LARWQCB, Honeywell International Inc. (Honeywell) was ordered to, among other things, provide or pay LADWP for uninterrupted replacement water and provide wellhead treatment for this extraction well. Honeywell continues to discharge groundwater from Aeration Well No. 2 to the sanitary sewer for plume containment while continuing to develop the treatment process that will return the use of this well for potable water supply.

CONSTRAINTS ON PUMPING IN THE SYLMAR BASIN

City of San Fernando - All of the groundwater pumped by the City of San Fernando is extracted from the Sylmar Basin. To date, VOC contamination has not been detected in any of its municipal-supply wells in this basin. However, two of its wells have pumped groundwater with nitrate concentrations that have exceeded the Primary MCL for nitrate (as NO3) of 45 mg/L. One of these wells (Well 7A) was placed on inactive status whereas the other well (Well 3) has been on stand-by status while awaiting implementation of a nitrate mitigation plan. Old septic systems and past agricultural practices in the region are the likely causes of these elevated nitrate concentrations. The City of San Fernando selected a consultant to design a nitrate removal system and a transmission line. Current projections include the installation of an ion exchange nitrate removal unit and placing that treatment system on-line in 2012/2013.

City of Los Angeles - Los Angeles has been unable to pump its full adjudicated water right from the Sylmar Basin due to elevated concentrations of TCE in at least two wells in its Mission Wellfield and also to the physical deterioration of the infrastructure at this facility. A project to rehabilitate this wellfield is underway by LADWP. Phase 1 of the project provided for the replacement of a water storage tank and related control systems. LADWP is now planning Phase 2, which will include the construction of three new water-supply wells, the destruction of two deteriorated/older water wells, and the construction of additionally-required infrastructure.

A feasibility study of installing wellhead treatment units for the two existing water wells is also underway. Once the project is complete, Los Angeles will be more capable of pumping its annual water right and utilizing its stored water credits from this basin under the 5-year calculation method for Sylmar Basin.

CONSTRAINTS ON PUMPING IN THE VERDUGO BASIN

Crescenta Valley Water District - All of the groundwater rights of CVWD occur in the Verdugo Basin. Groundwater contamination from VOCs has been negligible to date; however, nitrate contamination is widespread and methyl tertiary butyl ether (MTBE), a component of gasoline, has also been detected in a few CVWD-owned wells. Elevated nitrate concentrations are mitigated in the water supply by treating a portion of the pumped groundwater using anion exchange at the existing Glenwood Nitrate Removal Plant, and by blending untreated groundwater with treated groundwater and/or with imported MWD supplies in order to meet drinking water standards.

From its initial detection in 2005, groundwater pumped by the 12 wells in CVWD's service area has encountered MTBE concentrations ranging up to approximately 50 µg/L. In August 2006, concentrations of MTBE increased to values above its Primary MCL of 13 µg/L in Well 7, whereupon this well was immediately taken out of service. The prior Watermaster responded by establishing the Verdugo Basin MTBE Task Force in

November 2006; task force members included the CDPH, the LARWQCB, the ULARA Watermaster, Glendale Water and Power, CVWD, and various oil companies and independent gas station owners in Verdugo Basin. The Task Force had historically been meeting at the CVWD office on a bi-monthly basis to coordinate site-remediation activities among the various responsible parties.

In April 2008, MTBE concentrations in CVWD Well 7 decreased to less than 0.5 µg/L, thereby allowing this well to be put back into service. Since then, CVWD has continued to monitor MTBE concentrations on a frequent basis in its water wells. From initial deletions in July 2008, MTBE concentrations in Well 5 increased to values as high as 14 µg/L in September 2008. As a result, Well 5 was taken out of service and data from ongoing monitoring have shown concentrations for this contaminant had increased over time to 67 µg/L by October 2009. Subsequent concentrations have reportedly steadily decreased over time.

In the Water Year 2009-10, CVWD received a grant from CDPH under the Drinking Water Treatment and Research Fund for funding the installation of a granulated activated carbon (GAC) water treatment system for removal of MTBE at the Well 5 site. In February 2011, CVWD performed a pumping test at Well 5 to determine if the MTBE levels would increase after pumping activity. The results of the pumping test were that the MTBE level remained steady at 0.20 µg/L. CVWD was given permission by CDPH to place Well 5 back into service in March 2011 and, in addition, CDPH suspended CVWD's grant for funding the installation of the GAC at Well 5. Since the MTBE levels in Well 5 were below the secondary and primary MCL levels, grant funding was put on hold until such time that the MTBE might increase once again. In 2011-12, the grant funding was eliminated by the State. If MTBE levels do rise again, CVWD will have to find a new funding source for the treatment.

<u>City of Glendale</u> - The City of Glendale has made only limited use of its maximum adjudicated rights of 3,856 AF/Y from the Verdugo Basin, due to water quality problems, groundwater level declines, and limited extraction capacity in this basin.

In order to increase the use of its water rights, the City completed construction of the Verdugo Park Water Treatment Plant (“VPWTP”) in 1996. This facility treats water from the two low-capacity wells, and from a subsurface horizontal infiltration system along Verdugo Canyon.

In 2010-11, the City completed the rehabilitation of its Foothill Well and constructed its new Rockhaven Well in the Montrose area in a further attempt to increase its extraction capacity from the Verdugo Basin. The Foothill Well was connected to the City's water supply system in mid-2011. However, as a result of excess nitrate concentrations in the new Rockhaven well, this well will remain off-line until a final treatment alternative for nitrate has been selected. A treatment facility is expected to be constructed and online by 2015.

TABLE 3-1: ESTIMATED CAPACITY OF EXISTING WELLFIELDS

Party/Well Field	Number of Active Wells	Number of Standby Wells	Estimated Capacity (All Wells) (cfs)	(gpm)
SAN FERNANDO BASIN				
City of Los Angeles				
Aeration (NHOU)	7	---	2.4	1,077
Erwin	2	---	6.1	2,738
North Hollywood	14	3	69.6	31,237
Pollock	2	---	5.9	2,648
Rinaldi-Toluca	15	---	113.0	50,714
Tujunga	12	---	98.2	44,072
Verdugo	2	---	7.4	3,321
Whitnall	4	---	14.8	6,642
City of Burbank	8	2	24.5	11,000
City of Glendale	10	---	17.0	7,650
TOTAL	76	5	359.0	161,099
SYLMAR BASIN				
City of Los Angeles	2	---	5.0	2,244
City of San Fernando	2	1	8.5	3,800
TOTAL	4	1	13.5	6,044
VERDUGO BASIN				
CVWD	12	---	5.3	2,400
City of Glendale	7	---	5.0	2,240
TOTAL	19	---	10.3	4,640

TABLE 3-1A: HISTORIC AND PROJECTED GROUNDWATER EXTRACTIONS 2012-13

(Acre-feet)

Party/Well Field	2012			2013									Total
	Oct.	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
						SAN FERNANDO BASIN							
City of Los Angeles													
Aeration (NHOU)	63	61	39	0	0	55	104	108	104	126	126	122	908
Erwin	3	0	0	0	18	0	0	0	357	369	185	179	1,111
North Hollywood	1,515	744	39	44	1,735	1,021	0	1,230	1,190	1,292	1,415	1,250	11,475
Pollock	333	0	0	0	0	0	0	185	179	185	0	179	1,061
Rinaldi-Toluca	1,430	367	0	132	600	400	0	1,722	1,667	1,292	1,538	1,488	10,636
Tujunga	2,126	2,068	1,725	1,859	2,541	2,067	893	1,169	1,131	1,169	1,169	1,131	19,048
Verdugo	1	0	0	0	0	0	0	246	238	228	228	220	1,161
Whitnall	1	2	0	0	42	1	0	0	417	431	431	417	1,742
SUB TOTAL City of Los Angeles:	5,472	3,242	1,803	2,035	4,936	3,544	997	4,660	5,283	5,092	5,092	4,986	47,142
City of Burbank[A]	1,118	988	731	822	753	933	956	956	956	956	956	956	11,083
City of Glendale[B]	702	611	649	689	518	645	611	611	611	611	611	611	7,483
TOTAL San Fernando Basin:	**7,292**	**4,841**	**3,183**	**3,546**	**6,207**	**5,122**	**2,565**	**6,228**	**6,851**	**6,660**	**6,660**	**6,554**	**65,708**
						SYLMAR BASIN							
City of Los Angeles	158	159	172	173	153	161	179	0	0	185	185	179	1,704
City of San Fernando	294	247	202	224	206	252	271	271	271	271	271	271	3,050
TOTAL Sylmar Basin:	**452**	**406**	**374**	**397**	**359**	**413**	**450**	**271**	**271**	**456**	**456**	**450**	**4,754**
						VERDUGO BASIN							
Crescenta Valley Water Dist.	273	246	228	232	220	271	435	435	435	435	435	435	3,211
City of Glendale	156	145	157	163	138	167	218	218	218	218	218	218	2,233
TOTAL Verdugo Basin:	**429**	**391**	**385**	**395**	**358**	**438**	**653**	**653**	**653**	**653**	**653**	**653**	**5,444**
ULARA TOTAL:	**8,173**	**5,638**	**3,942**	**4,338**	**6,924**	**5,973**	**3,668**	**7,152**	**7,775**	**7,769**	**7,769**	**7,657**	**75,906**

Notes:

A. Includes BOU and Valhalla.

B. Includes GOU, Forest Lawn, and Grayson Power Plant

C. Shaded Cells denote projected values

D. There are no municipal-supply water wells in the Eagle Rock Basin.

TABLE 3-1B: HISTORIC AVERAGE AND PROJECTED GROUNDWATER EXTRACTIONS

(Acre-feet)

Party/Wellfield	Historic Average Pumping (AF)		Projected Groundwater Pumping (AF)				
SAN FERNANDO BASIN							
City of Los Angeles	1979-2012[A]	2007-2012[B]	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Aeration (NHOU)	-	1,055	908	1,377	1,937	4,923	4,923
Erwin	-	1,323	1,111	1,089	0	0	0
North Hollywood	-	10,491	11,475	5,824	1,493	0	0
Pollock	-	2,695	1,061	2,178	2,178	2,178	2,178
Rinaldi-Toluca	-	15,576	10,636	5,494	1,493	0	0
Tujunga	-	15,741	19,048	15,674	15,674	15,674	15,674
Verdugo	-	1,602	1,161	1,159	0	0	0
Whitnall	-	2,733	1,742	1,694	0	0	0
SUBTOTAL City of Los Angeles	73,848	51,217	47,142	34,489	22,775	22,775	22,775
City of Burbank[C]	5,849	9,790	11,083	10,909	10,909	10,909	10,909
City of Glendale[D]	3,995	7,930	7,483	7,748	7,748	7,748	7,748
TOTAL San Fernando Basin:	**83,692**	**68,937**	**65,708**	**53,146**	**41,432**	**41,432**	**41,432**
SYLMAR BASIN							
City of Los Angeles	2,717	1,693	1,704	1,262	0	0	0
City of San Fernando	3,103	3,314	3,050	3,150	3,175	3,200	3,200
TOTAL Sylmar Basin:	**5,820**	**5,007**	**4,754**	**4,412**	**3,175**	**3,200**	**3,200**
VERDUGO BASIN							
Crescenta Valley Water District	2,853	2,978	3,211	3,290	3,290	3,290	3,290
City of Glendale	2,261	2,143	2,233	2,908	3,349	3,856	3,856
TOTAL Verdugo Basin:	**5,114**	**5,121**	**5,444**	**6,198**	**6,639**	**7,146**	**7,146**
TOTAL ULARA:	94,626	79,065	75,906	63,756	51,246	51,778	51,778

Notes:

A. In prior reports, the longterm-average included only muncipal well field pumping. Herein, the averages include physical solution pumping for burbank, Glendale and CVWD (but not Los Angeles). Historic pumping averages include wells that are no longer in service.

B. 5-year average. Please note that in the historic report dated July 2011, this 5-year average did not include physical solution pumping.

C. Includes BOU, City pumping, and Valhalla. Valhalla pumping not included in projections after 2013-14. Vallhalla is expected to be using recycled water in lieu of puming beginning sometime during the 2013-14 WY.

D. Includes Forest Lawn, GOU, and Grayson Power Plant pumping.

E. There are no municipal-supply water wells in the Eagle Rock Basin.

IV. GROUNDWATER PUMPING AND TREATMENT FACILITIES

A. Wellfields

As shown on Table 3-1, there are ten municipal-supply wellfields located in the San Fernando Basin (SFB), two in the Sylmar Basin, and two in the Verdugo Basin; there are no municipal-supply wells in the Eagle Rock Basin. Table 3-1, as mentioned previously, also lists the current number of active wells in each basin and the estimated pumping capacity of each wellfield (as reported by each Party). The general locations of wellfields within the SFB are shown on Plate 3.

Table 4-1 has been prepared to summarize the volumes (in AF) of groundwater that have reportedly been pumped and treated in the San Fernando, Sylmar and Verdugo basins by each of the various treatment facilities owned and/or operated by the five Parties. The volumes of treated groundwater are listed for the years 1985-86 through 2011-12. As seen on Table 4-1, an approximate total of 405,498 AF of groundwater has been treated during that time period within the eight listed treatment facilities. Table 4-2 lists the volumes (in AF) of groundwater that are projected to be treated at the seven listed treatment facilities for the period 2012-13 through 2016-17. As shown on Table 4-2, the Parties report that an approximate total of 203,348 AF are projected to be treated at their existing treatment facilities between Water Years 2012-13 through 2016-17.

TABLE 4-1 HISTORIC AND CURRENT GROUNDWATER TREATMENT

(Acre-feet)

Water Year	Burbank GAC	Lockheed Aqua Detox	Burbank OU	Glendale North/South OU	CVWD Glenwood Nitrate Removal Plant	Los Angeles North Hollywood OU	Los Angeles Pollock Wells Treatment Plant	Los Angeles Tujunga Wells Treatment Plant	Annual Total
1985-86		1							1
1986-87		1							1
1987-88		1							1
1988-89		924							924
1989-90		1,108				1,148			2,256
1990-91		747				1,438			2,185
1991-92		917			847	786			2,550
1992-93	1,205	692			337	1,279			3,513
1993-94	2,395	425	378		1,550	726			5,474
1994-95	2,590		462		1,626	1,626			6,304
1995-96	2,295		5,772		1,419	1,182			10,668
1996-97	1,620		9,280		1,562	1,448			13,910
1997-98	1,384		2,580		1,391	2,166			7,521
1998-99	1,555		9,184		1,281	1,515	1,513		15,048
1999-00	1,096		11,451	979	1,137	1,213	1,851		17,727
2000-01	995		9,133	6,345	989	1,092	1,256		19,810
2001-02	0		10,540	6,567	515	998	1,643		20,263
2002-03	0		9,170	7,508	216	1,838	1,720		20,452
2003-04	0		9,660	6,941	164	1,150	1,137		19,052
2004-05	0		6,399	7,541	782	1,042	1,752		17,517
2005-06	0		10,108	6,777	997	1,766	2,442		22,090
2006-07	0		9,780	7,562	644	1,307	2,231		21,524
2007-08	0		6,817	7,347	660	1,038	2,573		18,435
2008-09	148		9,818	7,148	459	662	1,698		19,932
2009-10	5		10,043	7,031	410	11,475	1,061	19,047	49,072
2010-11	4		10,394	7,473	592	5,824	3,127	12,200	39,614
2011-12	4		9,993	7,830	447	7,774	2,957	20,648	49,654
Total AF	**15,296**	**4,815**	**150,963**	**87,049**	**18,025**	**50,494**	**26,961**	**51,895**	**405,498**

TABLE 4-2 PROJECTED GROUNDWATER TREATMENT

(Acre-feet)

	Burbank GAC	Burbank OU	Glendale North/South OUs [1]	CVWD Glenwood Nitrate Removal Plant	Los Angeles North Hollywood OU	Los Angeles Pollock Wells Treatment Plant	Los Angeles Tujunga Wells Treatment Plant [2]	Annual Total
2012-13	0	10,733	7,031	525	11,475	1,061	19,047	49,872
2013-14	0	10,909	7,300	490	5,824	2,178	15,674	42,375
2014-15	0	10,909	7,300	475	1,493	2,178	15,674	38,029
2015-16	0	10,909	7,300	475	0	2,178	15,674	36,536
2016-17	0	10,909	7,300	475	0	2,178	15,674	36,536
TOTAL	**0**	**54,369**	**36,231**	**2,440**	**18,792**	**9,773**	**81,743**	**203,348**

1. Groundwater treatment includes chromium via theWBA Chromium Removal facility and the RCF demonstration project.
2. Treatment plant utilizing GAC wellhead treatment only on Wells #6 and #7 of the twelve extraction wells at Tujunga Wellfield

B. Active Groundwater Pumping and Treatment Facilities

Glendale OU (GOU) – City of Glendale

The GOU has been producing and treating groundwater for VOCs since September 2000 from the SFB. On April 23, 2001, the City of Glendale assumed operation of the GOU. Prior to that time, the Glendale Respondents Group had operated the treatment plant through a contract with Camp Dresser & McKee, a consulting engineering firm.

The GOU is comprised of a treatment plant, eight groundwater extraction wells, a pumping plant, a disinfection facility, and associated piping. The facility is designed to treat groundwater contaminated by TCE and PCE at a combined rate of approximately 5,000 gpm using aeration and granulated activated carbon (GAC). The treated water is then blended with imported supplies to control nitrate concentrations. Currently, the wells are being pumped and blended in a manner to limit hexavalent chromium concentrations to achieve the City's target of 5 μg/L. As mentioned above, Glendale has continued to pursue an aggressive research program to identify viable treatment technologies for the removal of hexavalent chromium from its pumped groundwater. These technologies consist of the Weak Base Anion (WBA) Chromium Removal facility, as well as a 100-gpm demonstration scale facility that uses reduction, coagulation and filtration (RCF) technology. The treatment facilities using the two technologies identified in a study by Malcolm Prinie were constructed and placed into service by April 2010; these facilities have been relatively effective in removing chromium in the groundwater to concentrations below 5 μg/L.

Burbank OU (BOU) – City of Burbank

The remediation of groundwater contamination in the SFB was significantly enhanced by the startup of the BOU on January 3, 1996. The BOU, which consists of eight water wells and air-stripping towers followed by liquid- and vapor-phase GAC, has a total design capacity of 9,000 gpm (14,000 AF/yr). Under the terms of the Second Consent Decree, Burbank assumed operation of the BOU on March 12, 2001 and will be the long-term primary operator of this facility. The City of Burbank, in cooperation with the USEPA and Lockheed-Martin, continued with design improvements and operational changes to make the facility mechanically more reliable. During the 2011-12 Water Year, a total of 9,993 AF of groundwater was treated at the BOU, a decrease of 401 AF from the volume treated in the prior water year. As a requirement of the Consent Decree, Burbank also reduces the concentrations of nitrate in the groundwater by blending the treated effluent with imported supplies from MWD at its blending facility before delivery to customers in the City of Burbank.

GAC Treatment Plant - City of Burbank

This facility, which includes the two Lake Street wells, was operated by the City of Burbank from 1992-2001. These two wells can deliver water at a combined rate of 2,000 gpm to the liquid-phase GAC plant for removal of volatile organic compounds (VOC). When the plant is in use, the treated water supplements production from the BOU and can be delivered to the Burbank distribution system. The GAC Treatment Plant would normally operate during the summer season. However, current plans are to keep the plant shut down, except for emergencies or to permit the groundwater to be sampled and tested for its water quality, because of the prior detections of hexavalent chromium (Chromium VI) in the groundwater. As a result, in the 2011-12 Water Year, only 4 AF of water were treated. The existing GAC treatment process does not remove chromium, and blending facilities are not available. Total chromium in the plant effluent would exceed the limit of 5 µg/L set by the Burbank City Council as a policy for water delivered to its distribution system.

North Hollywood OU (NHOU) - City of Los Angeles

Constructed as an interim remedy in 1989, the NHOU provides a design capacity of 2,000 gpm to achieve VOC plume containment and reduction of contaminant mass utilizing seven shallow extraction wells and air-stripping towers followed by vapor-phase GAC treatment. The inability of this facility to fully contain the contaminant plume and the discovery of new contaminants, such as chromium and 1,4-dioxane, necessitates the design and implementation of a new interim remedy referred to by USEPA as the NHOU Second Interim Remedy. USEPA issued its Record of Decision for this new interim remedy in September 2009, providing for the deepening of existing extraction wells and the installation of new wells and treatment facilities to treat VOCs, chromium, 1,4-dioxane, and other contaminants of concern. The USEPA continues to be in discussions with potentially responsible parties to enter into a Second Consent Decree to fund, construct, and operate the NHOU Second Interim Remedy.

Due to significant increasing concentrations of hexavalent chromium in one of its active wells (up to ±400 µg/L), Los Angeles was forced to discontinue operating this well (Extraction Well No. 2) in 2007. Under a March 2007 Amendment to an existing Clean-up and Abatement Order (CAO) issued by the LARWQCB, Honeywell International Inc. (Honeywell) was ordered to, among other things, provide or pay LADWP for uninterrupted replacement water, which may include well treatment, for the Well No. 2 Extraction well. In September 2008, Honeywell began and continues to discharge groundwater from Extraction Well No. 2 to the sanitary sewer for plume containment, while also continuing to develop the treatment process that will allow the groundwater from this well to be delivered to Los Angeles' distribution system.

Pollock Wells Treatment Plant - City of Los Angeles

The Pollock Wells Treatment Plant, with a reported design capacity of 3,000 gpm, began operating in March 1999. This project is owned, operated, and funded by the City of Los Angeles. Pumping by these Pollock Wells helps to reduce rising groundwater in the area that otherwise would flow out of ULARA. These wells also serve to enhance overall groundwater cleanup in the Los Angeles River Narrows area near the downgradient end of the SFB. When the wells are actively pumped, the groundwater is treated by liquid-phase GAC vessels for VOC removal, followed by chlorination and then blending to further reduce nitrate concentrations. The treated water is then delivered to LADWP's distribution system.

Tujunga Wellfield Demonstration Project – City of Los Angeles

This Los Angeles project restores the use of two of the 12 wells in this wellfield, and provides approximately 12,000 AF/Y of pumping capacity that was previously unavailable due to groundwater contamination. The project utilizes liquid-phase GAC adsorption vessels on Well Nos. 6 and 7 to treat the groundwater and remove certain VOCs like TCE, PCE, carbon tetrachloride, and 1,1 dichloroethene (DCE). As of May 2010, CDPH permitted the operation of these wellhead treatment facilities for discharge of the treated water to the water distribution system of the City of Los Angeles. Through June 2013 of the current Water Year (2012-13), nearly 8,500 AF of groundwater have been pumped and treated to remove VOC contamination.

Glenwood Nitrate Removal Plant – Crescenta Valley Water District

Groundwater pumped from wells operated by CVWD in the Verdugo Basin often contains elevated to excessive concentrations of nitrate. A portion of the pumped groundwater is treated by ion exchange and then blended with untreated water from MWD and/or imported water to reduce nitrate concentrations to values that are below the Primary MCL for nitrate (as NO_3) of 45 mg/L. In the past few years, the ion-exchange plant has been in operation for the majority of each year to help maximize the use of local groundwater. For the 2011-12 Water Year, the ion-exchange plant was in operation for ten months.

C. Other Issues

1. Future Groundwater Pumping and Treatment Facilities

   Verdugo Basin Wells – City of Glendale

   Glendale completed the rehabilitation of the Foothill Well and constructed its new Rockhaven Well in 2010-11 in Verdugo Basin. The Foothill well was connected to the City's water supply system in mid-2011; however, the new Rockhaven Well has been off-line since its construction due to elevated nitrate concentrations. The basic purposes of these two wells were to increase the local pumping capacity and to help Glendale obtain its full adjudicated water right of Glendale from this basin.

   GAC Treatment Facility – Crescenta Valley Water District

   In April 2008, CVWD re-applied to the CDPH for grant funding under the Drinking Water Treatment and Research Fund for installation of a new granulated activated carbon (GAC) water treatment system for removal of MTBE at the Mills Plant. The application was revised in August 2008 to move the location of the GAC treatment plant to the Well 5 site since MTBE concentrations in that well had increased to concentrations that were above its MCL at that time. In 2009-10, CVWD received a grant from CDPH under the Drinking Water Treatment and Research Fund for funding the installation of a granulated activated carbon (GAC) water treatment system for removal of MTBE at the Well 5 site. However, a pumping test performed in February 2011 showed that the MTBE concentration in the water discharged from Well 5 remained steady at 0.20 μg/L throughout the pumping test. Because of the results of the pumping test revealed that MTBE concentrations did not exceed its current MCL, CDPH suspended CVWD's grant for funding the installation of the GAC at Well 5, and gave CVWD permission to place Well 5 back into service in March 2011.

   Mission Wells Wellfield Rehabilitation – City of Los Angeles

   LADWP is continuing to pursue capital improvements at its Mission Wellfield and restore the capacity needed to fully utilize its entitlement to groundwater from the Sylmar Basin. These improvements will address the decline in pumping capacity caused by mechanical deterioration and water quality problems that have restricted the use of this wellfield. Phase 1 of the project completed the replacement of an onsite water storage tank and related control systems. LADWP is now planning

Phase 2, which will provide for the construction of three new water-supply wells, the destruction of two deteriorated/older water wells, and the construction of additionally-required infrastructure.

Mission Wellfield Groundwater Remediation

LADWP is pursuing the construction of offsite groundwater monitoring wells to investigate contamination affecting the area surrounding its Mission Wellfield in Sylmar Basin. Currently, the primary contaminant of concern is TCE, a well known VOC. Based on the extent of the contamination present in the groundwater, LADWP may expedite the development of facilities to remediate, contain, cleanup, and remove the contamination and prevent further loss of Sylmar Basin groundwater. Information gained from the new monitoring wells will be provided to environmental regulators to assist their investigation of potentially responsible parties who may be held responsible for the cleanup costs.

San Fernando Basin Groundwater Treatment Complex – City of Los Angeles

Los Angeles has initiated a fast-tracked and ambitious undertaking to restore its lost groundwater production via the construction of a groundwater treatment complex in the San Fernando Basin. This will enable Los Angeles to safely manage and extract groundwater from its existing wellfields and to conduct future groundwater recharge efforts. This program includes a centralized treatment facility in the vicinity of the North Hollywood Wellfield and localized wellhead treatment in the vicinity of the Tujunga Wellfield. The estimated $600 to $900 million groundwater treatment facility will greatly reduce Los Angeles' reliance on imported water and help secure locally sustainable water supplies for Los Angeles. The groundwater treatment complex will also enable Los Angeles to fully realize the benefits of its efforts to enhance local groundwater supplies through stormwater capture and groundwater replenishment.

2. Other Groundwater Remediation Projects

Many privately-owned industrial-type properties in the ULARA groundwater basins have been found to have contaminated the soils and/or the groundwater beneath their facilities. Many of these facilities are under Cleanup and Abatement Orders from the LARWQCB; some sites are under the regulatory authority of the State Department of Toxic Substance Control (DTSC). Each known contaminated site typically has groundwater monitoring wells and some have extraction wells, treatment facilities, and/or injection wells to help mitigate the spread of contamination.

The USEPA has been including hexavalent chromium in the quarterly sampling from its monitoring wells in SFB as a step in the eventual containment and cleanup of this contaminant. The RWQCB-Los Angeles has also been evaluating properties and/or facilities in the eastern portion of the SFB for possible use, storage and/or release of hexavalent chromium to the environment.

3. Dewatering Operations

Temporary Construction Dewatering

Temporary construction excavations, such as for subterranean parking structures and pipelines, sometimes require dewatering in areas that have a high (shallow) water table. Groundwater that is discharged from such temporary dewatering operations may, depending on volume, be required to be accounted for by the Watermaster, and the annual groundwater withdrawals by these dewatering activities would be deducted from the local water right holder.

Permanent Dewatering Operations

Some facilities along the southern and western portions of the SFB have deep foundations and subterranean parking structures that have been excavated and constructed into areas of shallow (high) groundwater; these facilities require permanent dewatering. The amount of groundwater pumped at each such facility is required to be reported to the Watermaster. These activities are subject to approval by the affected municipal-supply party, and the dewaterer is required to pay for the replacement cost of the extracted groundwater. The pumped groundwater is subtracted from the affected Party's water right by the Watermaster.

4. Unauthorized Pumping in the County

There are numerous individuals, primarily within the unincorporated hill and mountain area of ULARA, who are or may be pumping groundwater without reporting the annual volume of production to the Watermaster, as is required by the Judgment. This groundwater was adjudicated and is owned by the City of Los Angeles; the volume produced by each pumper is probably small. Working in cooperation with the Los Angeles County Department of Public Health and Los Angeles County Planning, the former Watermaster and LADWP initiated a process to help begin to identify and monitor the water usage of these private pumpers through a water license agreement.

V. GROUNDWATER RECHARGE FACILITIES AND PROGRAMS

A. Agency-Owned Spreading Facilities

There are five active spreading facilities located in the SFB (Plate 1). The Los Angeles County Department of Public Works (LACDPW) operates the Branford, Hansen, Lopez, and Pacoima spreading grounds, whereas the LACDPW, in cooperation with the City of Los Angeles, operates the Tujunga Spreading Grounds. These spreading facilities are used for spreading native and imported water, when available. Projects are underway to deepen and improve the capacity of these spreading basins and the LACDPW and the LADWP are also working to identify ways to maximize spreading, including possible changes to the operations at each spreading basin. The City of Burbank completed construction of MWD's new Foothill Feeder connection in 2010, which is capable of delivering 50 cfs to the Pacoima Spreading Grounds, in order to enable Burbank to spread imported water when it is available. These facilities also allow Burbank to direct water to the Lopez Spreading Grounds. Burbank spread 1,371 AF of water in the Pacoima spreading grounds in the 2011-12 Water Year and, to date in this 2012-13 Water Year, Burbank has spread nearly 6,700 AF in these spreading grounds.

B. Proposed Spreading Facilities

Strathern Pit

Strathern Wetlands Park Project consists of constructing stormwater capture and treatment facilities within the bounds of a 46-acre site formerly used as a gravel borrow pit known as the Strathern Pit. The proposed project entails constructing detention ponds and wetlands to help store and treat local stormwater runoff. The treated flows will then be pumped to the adjacent Sun Valley Park for infiltration into the local groundwater basin. In addition to increased groundwater recharge, flood protection, and water quality improvements, the project will include habitat restoration and various recreational opportunities.

The project benefits include: average annual water supply benefit estimated at 900 AF; reduced peak flows and improved water quality downstream in the Tujunga Wash and Los Angeles River channels; and open space enhancements, including active and passive recreation, habitat, and educational trails. Design is estimated to be completed by Fall 2013 and construction is scheduled to begin in 2014.

C. Actual and Projected Spreading Operations

Table 5-1A shows the recent and projected volumes of native and imported water spread in the San Fernando Basin for the current 2012-13 Water Year. An estimated 10,795 AF of native runoff and imported water are projected to be spread, in Water Year 2012-13. This represents a decrease when compared to both the long-term (1968-2012) average of 27,136 AF and the past five-year (2007-2012) average of 32,795 AF.

TABLE 5-1A RECENT AND PROJECTED SPREADING OPERATIONS 2012-13

(Acre-feet)

Month	Basin Operator					Total
	LACDPW				LACDPW and LADWP	
	Branford	Hansen	Lopez	Pacoima[A,B]	Tujunga[A]	
Actual						
Oct-12	25	160	355	1,670	110	2,320
Nov-12	82	0	75	2,420	412	2,989
Dec-12	126	311	0	2,100	65	2,602
Jan-13	85	464	0	79	23	651
Feb-13	39	394	0	25	0	458
Mar-13	69	406	0	44	0	519
Apr-13	23	19	72	424	120	658
Projected						
May-13	25	0	0	40	100	165
Jun-13	20	90	0	0	0	110
Jul-13	21	93	0	0	0	114
Aug-13	21	93	0	0	0	114
Sep-13	20	75	0	0	0	95
TOTAL	556	2,105	502	6,802	830	10,795
2007-2012 Average	606	11,141	987	8,751	11,310	32,795
1968-2012 Average	553	13,840	598	6,876	5,270	27,136

Headworks Spreading Grounds out of service since 1981-82. The average spreading from 1968-69 to 1981-82 was 5,283 AF.

A) Includes native and imported water.

B) Includes water spread via the new Foothill Feeder connection

Precipitation on the valley fill area in the SFB is projected to be about 18 inches for 2012-13 compared to the long-term average of 17.92 inches per year; the previous five-year average was 16.21 inches per year.

TABLE 5-1B HISTORICAL PRECIPITATION ON THE VALLEY FILL

(Inches per year)

1968-12	2007-12	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13**
17.92	16.21	15.10	11.64	19.08	24.44	10.81	18.07

** Projected

The estimated capacities (in AF/yr) of the five spreading grounds in the northeastern portion of the SFB are shown on Table 5-2. Also listed for each spreading grounds are: the site operator; the type of facility; and the approximate total wetted area. As shown, the total maximum capacity of these five spreading grounds is currently on the order of 105,100 AF/yr.

TABLE 5-2 ESTIMATED CAPACITIES OF EXISTING SPREADING GROUNDS

Spreading Ground	Type	Total wetted area [ac]	Capacity [ac-ft/yr.]
Operated by LACDPW			
Branford	Deep basin	7	2,100
Hansen	Med. Depth basins	107	35,000
Lopez	Shallow basins	12	2,000
Pacoima	Med. Depth basins	107	23,000
Operated by LACDPW and LADWP			
Tujunga	Shallow basins	83	43,000
		TOTAL:	105,100

D. <u>Stormwater Recharge Capacity Enhancements</u>

<u>Background Information</u>

During the 1997-98 Water Year, weighted-average precipitation in the valley-fill and hill-and-mountain areas in ULARA was approximately 225% of normal. This event provided a well above-average volume of stormwater runoff that became available for capture in upstream reservoirs and diversion into existing spreading grounds. In April 1998, a former Watermaster received notice from the LACDPW that spreading at both the Hansen and Tujunga spreading grounds would be temporarily suspended. The reasons for curtailing spreading were that: the water table had risen to a level that threatened to inundate the base of the Bradley-East Landfill near the Hansen Spreading Grounds; and methane gas generated from the refuse was migrating from the Sheldon-Arleta Landfill and into the surrounding neighborhood due to the recharge operations at the nearby Tujunga Spreading Grounds. At that time, reservoirs in Los Angeles County were full, and thus thousands of acre-feet of surface water runoff would be spilled and lost to the ocean. The spreading activities were suspended for at least one month at that time.

In response to this undesirable condition, in May 1998, that former Watermaster formed the Tujunga and Hansen Spreading Grounds Task Force which later became the San Fernando Basin Recharge Task Force. The task force included representatives from the LACDPW, LADWP, Los Angeles Bureau of Sanitation and the Watermaster. After a series of meetings, the task force developed preliminary mitigation measures to help improve the utilization of both spreading grounds, particularly during years of above-normal runoff and recharge.

The task force met as the Stormwater Recharge Committee for a period of time, and has since become a collaborative effort between LACDPW and LADWP to focus on projects to enhance the recharge capacity of spreading basins. As a result, watershed management groups have been formed within both the LACDPW and LADWP to address the entire cycle of pumping and recharge as an interrelated discipline, and these groups are working in partnership to study and develop solutions to enhance the groundwater supply in the SFB.

<u>Projects</u>

- <u>Hansen Spreading Grounds</u>

This 156-acre parcel is located adjacent to Tujunga Wash and just downstream of Hansen Dam. Capital improvements at the Hansen Spreading Grounds have increased its capacity and efficiency for flood protection and stormwater retention. Phase 1 improvements were completed in November 2009 and have increased overall storage capacity by combining and deepening the existing spreading basins. Phase 2 work will retrofit and automate the existing intake structure from Tujunga Wash into the spreading grounds and this construction is scheduled to begin in the summer of 2012. LACDPW is leading the project, working in partnership with Los Angeles, and it is estimated that these improvements will increase average annual stormwater capture by approximately 1200 AF.

- Sheldon-Arleta Project – Cesar Chavez Recreational Complex Project (Phase I)

Located adjacent to the Tujunga Spreading Grounds is the Sheldon-Arleta Landfill, which has caused an environmental concern due to the methane gas that is produced (as a byproduct of landfill operations) and released into the subsurface.

During the spreading of surface water at the adjoining Tujunga Spreading Grounds, recharge water moving downward through the underlying soil displaces the air from voids within the unsaturated soil matrix. The resulting lateral migration of the air mass has the potential to displace methane gas out of the adjacent landfill. In recent years, the methane has occasionally migrated offsite, and elevated concentrations of methane have been reported at a nearby school. To avoid such occurrences, limitations have been placed on the amount of stormwater that can be spread at the Tujunga Spreading Grounds.

To mitigate the displacement of methane gas, LADWP, the Los Angeles Bureau of Sanitation, and the Los Angeles Bureau of Engineering completed the replacement of the existing methane gas collection system at the Sheldon-Arleta Landfill with a new gas collection system. This new system enhances the containment of the methane gas within the landfill, restores the historic spreading flow capacity of 250 cfs at the Tujunga Spreading Grounds, and restores operations at some of the spreading basins closest to the landfill. Construction was completed in 2009 and the three agencies will eventually conduct an evaluation during the next (substantial) storm season to determine the maximum recharge capacity of the improved facility. It is expected that the project could increase average annual stormwater capture by 3,000 AF, to a total of 5,000 AF, at the nearby spreading grounds.

- Tujunga Spreading Grounds

The groundwater recharge capacity of the Tujunga Spreading Grounds was restored through the recent installation of systems designed to control the migration of methane gas from the Sheldon-Arleta Landfill. Plans are underway to increase the storage capacity of this 188-acre facility by combining and deepening the existing spreading basins, improving the intake facilities, and adding a second intake facility downstream of the confluence of the Tujunga and Pacoima Wash channels. Design is 95 percent complete and construction is scheduled to begin in 2013. It is estimated that these improvements will increase average annual stormwater capture by approximately 8,000 AF.

Pacoima Spreading Grounds

These 169-acre spreading grounds are located along both sides of the old Pacoima Wash Channel downstream of the Pacoima Dam. Designs are being prepared for improvements to the spreading basins and upgrades to the intake facility with construction scheduled to begin in 2013. It is estimated that these improvements will increase average annual stormwater capture by approximately 2,000 AF.

- Lopez Spreading Grounds

The Lopez Spreading Grounds Enhancement Project consolidates the six existing spreading basins into two deeper basins that would increase storage capacity from 24 AF to a total of 175 AF. Flow would be diverted from Pacoima Wash to the reconfigured basins using a new rubber dam diversion. This project will increase recharge by approximately 750 AF/Y. The final concept report and design is scheduled for completion by the end of 2013. Pending the allocation of funds to build the project, construction may begin as early as 2014.

- Branford Spreading Grounds

Most of the water tributary to this spreading basin is urban runoff from Branford Street Channel. The total wetted area of the spreading grounds is 7 acres with a maximum intake of 1,540 cfs and a maximum storage capacity of 137 AF. Average annual recharge for the facility has been approximately 549 AF based on LA County historical records. A project to revitalize the use of this spreading basin for stormwater capture and recharge is scheduled to be completed by 2018.

- Big Tujunga Dam Seismic Retrofit

Big Tujunga Dam was constructed by LACDPW in the 1930s primarily as a flood control facility. In the 1970s, a seismic analysis indicated the dam was susceptible to damage from a large earthquake. Since then, the dam has been operated at a reduced capacity for safety reasons.

LACDPW completed a major seismic retrofit of this dam in January 2012 and this effort has also restored its storage capacity for flood control and water conservation. Specifically, the structural improvements to Big Tujunga Dam increased its storage capacity from 1,500 AF to 6,000 AF. This project, which was partially funded by Los Angeles, greatly enhances LACDPW's ability to retain and manage stormwater for flood protection, water conservation, and environmental restoration.

- Additional Recharge Projects

LADWP is exploring partnerships, projects, and programs that promote infiltration of rainfall runoff close to its point of origin. Several partnerships that LADWP continues to develop are with LACDPW, the LACFCD, MWD, Tree People, and the Los Angeles and San Gabriel Rivers Watershed Council. Some of the projects and programs being developed include facility retrofits, neighborhood retrofits, and local stormwater recharge projects along medians, power line easements, and parkways.

VI. GROUNDWATER INVESTIGATION PROGRAMS

Pacoima Area Groundwater Investigation

A significant VOC contaminant plume exists in the groundwater in the Pacoima area of the SFB near the intersection of San Fernando Road and the Simi Valley Freeway (118 Freeway). This area lies approximately 2.5 miles north of and upgradient from the LADWP Tujunga wellfield; groundwater pumped at this wellfield has experienced increasing concentrations of VOCs over time.

To help characterize the extent and potential migration of contamination in the Pacoima area, LADWP constructed two groundwater monitoring wells in 1997, including: PA-01, approximately 0.5 miles downgradient; and PA-02, approximately 1.25 miles downgradient from the suspected source area.

The reportedly suspected sources include the Chase chemical (formerly Holchem) and the Black & Decker (formerly Price-Pfister) sites, which are under the jurisdiction of DTSC and LARWQCB, respectively. Background information for these two facilities is included in Section 3.8 of the ULARA Annual Watermaster Report.

Chromium Investigations

The LARWQCB, funded in part with a grant from the USEPA, reviewed a large number of sites for potential hexavalent chromium contamination in the SFB and published its original findings in December 2002. Based on this LARWQCB review, 255 suspected hexavalent chromium sites were identified and inspected. As a result of these inspections, the LARWQCB recommended closure (i.e., no further action) for 150 of these sites and the further assessment of the remaining 105 sites. In addition, the LARWQCB issued Cleanup and Abatement Orders to several sites, including, among others, B.F. Goodrich (formerly Menasco Aerospace Division), PRC-Desoto (formerly Courtauld), Drilube, Honeywell (formerly Allied Signal), Lockheed (2), ITT, and Excello Plating; it may eventually issue additional orders to several other sites. The Cleanup and Abatement Orders require a responsible party to assess, clean up, and remediate the effects of contamination encountered in the soil and groundwater. Increasing concentrations of hexavalent chromium in the groundwater have caused the shutdown or reduced pumping of several municipal-supply water wells associated with groundwater treatment plants because those plants were not designed to remove either this contaminant or any other emerging chemicals. Shutdowns of these wells may possibly allow the continued vertical and lateral migration of the

VOCs and chromium to other production wells, and also continue to complicate the extraction, management, and delivery of potable water by the Parties within the SFB.

On August 20, 2009 the California Office of Environmental Health Hazard Assessment (OEHHA) announced its draft Public Health Goal (PHG) for hexavalent chromium to be 0.06 µg/L (or 0.06 ppb) and invited public comments through October 19, 2009. A final PHG for hexavalent chromium of 0.02 ppb was adopted in July 2011. It is expected that the CDPH will eventually promulgate a new MCL for this constituent after the final PHG is announced.

Tujunga Discovery Project

In 2008, the LADWP, in conjunction with USEPA and DTSC, formed a task force to conduct an inter-agency investigation into contamination that is present in the Tujunga wellfield. The investigation began with LADWP's comprehensive sampling of eight existing groundwater monitoring wells in the vicinity of this wellfield. Two additional monitoring wells were sampled in December 2009. The lack of VOCs detected in groundwater samples collected from monitoring well TJ-MW-01 suggests that the Sheldon-Arleta landfill, adjacent to the Tujunga wellfield, may not be the source of contamination.

USEPA's contractor performed soil vapor sampling and limited soil sampling along several miles of transects upgradient of LADWP's Tujunga wellfield. The site-specific soil vapor results indicate low levels of PCE at most of the investigated sites. In early 2010, sediment sampling was conducted in the adjacent Branford spreading grounds to determine whether sediments in this basin might be a source of VOC contamination. Numerous borings were drilled and a large number of soil samples were analyzed for various analytes, including VOCs; however, TCE was not detected in any of these soils samples. Further, sample results were deemed inconclusive due to the detection of acetone and 2-butanone in certain samples, which may be related to laboratory contamination.

The next stage of the investigation will involve the construction of several new groundwater monitoring wells in the capture zone of the Tujunga wellfield. The locations of these new wells were prioritized based on data gaps in the existing wellfield. LADWP completed the construction of 4 monitoring wells near the Tujunga wellfield between April 2012 and June 2013, and 2 other monitoring wells will be constructed by September 2013. USEPA also began the construction of a monitoring well (TJ-MW-09) in April 2013.

Groundwater System Improvement Study (GSIS)

In February 2009, LADWP began a six-year, multi-million study in the SFB to evaluate groundwater quality near its major wellfields and to provide recommendations for treatment options that will enable Los Angeles to remediate the contamination and recover the full use of its groundwater supply from this basin. The study includes construction of a network of 26 monitoring wells within the capture zone of these major wellfields. This network of new monitoring wells, along with other existing wells in nearby areas, will provide important water level and water quality information necessary to complete this important study.

VII. ULARA WATERMASTER MODELING ACTIVITIES

A. Introduction

LADWP continues to support the ULARA Watermaster by performing groundwater modeling of the San Fernando Basin. The basic purpose of this groundwater modeling is to evaluate the combined effects of the proposed groundwater pumping and estimated groundwater recharge in the SFB projected over a five-year period. The projected pumping volumes used in the model were obtained from the "Water Years 2012-13 through 2016-17 Pumping and Spreading Plans" that were recently submitted by each Party pursuant to the provisions established in the revised February 1998 Policies and Procedures report. A copy of the Groundwater Pumping and Spreading Plan of each Party is included in the appendices of this report.

The groundwater flow model used by LADWP is a comprehensive three-dimensional computer model that was developed originally for the USEPA during the Remedial Investigation Study of the San Fernando Valley (December 1992). The model is a tool and it has been used herein to estimate the future response to pumping and spreading in the SFB for the five-year period ending September 30, 2017.

The model code, "Modular Three-Dimensional Finite-Difference Groundwater Flow Model," commonly called MODFLOW, was originally developed by the U.S. Geological Survey (McDonald-Harbaugh); this model is currently used to develop the San Fernando Basin Groundwater Flow Model. This model consists of 64 rows, 86 columns, and up to four layers to reflect the varying geologic and hydrogeologic characteristics of the SFB in three dimensions. In the deepest portion of the San Fernando Basin, the model is subdivided into four layers, each layer characterizing a specific depth zone. The model has a variable horizontal grid that ranges from 1,000 by 1,000 feet in size in the southeastern portion of the SFB, to 3,000 by 3,000 feet in size in the northwestern portion of this basin (Figure 7-1) or where less data are available; LADWP regularly updates this model.

B. Model Inputs

The input data for this model are illustrated in Table 7-1. Table 7-1A provides the various elements of recharge into the SFB; recharge is considered to occur from precipitation, delivered water, hill and mountain runoff, spreading, and subsurface inflow. Table 7-1B provides the volumes of groundwater extracted from SFB by each major producer, including the cities of Los Angeles, Burbank, and Glendale, and other individual pumpers. Both tables show projected values for the five-year period, from Fall 2012 to Fall 2017, as well as any actual values that have been reported for the first half of the 2012-13 Water Year.

In Table 7-1A, the projected values for percolation and spreading activities were estimated using the long-term average rainfall and recharge amounts, and the resulting estimates were then used as inputs to the LADWP model. The projections for 2012 through 2017 include the actual amounts reported for the first half of the current Water Year (2012-13). The spreading estimates reflect temporary shutdowns during construction of the Tujunga Spreading Grounds (TSG). Construction to enhance the spreading capacity at the TSG is planned to occur from 2014 through 2016. The anticipated spreading of imported water at the Pacoima Spreading Grounds (PSG) by the City of Burbank is also included in these projections. Subsurface inflows to the SFB occur from the Sylmar Basin (through the Sylmar Notch and Pacoima Notch) were estimated by this Watermaster to be approximately 250 AF/yr. The amounts of subsurface inflows from the Verdugo Basin were determined in the 1962 Report of Referee. These values were used as constants in the model throughout the current five-year study.

The volumes for all groundwater extractions shown on Table 7-1B and used as model inputs were obtained from the recent "Groundwater Pumping and Spreading Plan" submitted by each of the five municipal–supply producers; a copy of each of these plans is included in the appendix of this report. The total extraction by each wellfield was initially allocated among the individual wells comprising each wellfield, and then a percentage of the pumping allocated to each well was assigned to each model layer based on the percentage of casing perforations considered by LADWP to be contained within each layer.

The initial head values (groundwater elevations) were derived from the actual data from Water Year of 2011-12, and these values set the initial conditions for model analysis for the subsequent five-year period. These initial conditions reflect the increase in simulated groundwater elevations observed in most areas of the SFB resulting from decreased pumping, and increased artificial recharge in the spreading grounds, that occurred despite the decreased precipitation compared to that in the 2010-11 Water Year.

At the close of every Water Year, Watermaster staff at LADWP updates the model input files with the actual basin recharge and extraction data; this activity is performed each year by LADWP.

Table 7-1
MODEL INPUT
San Fernando Basin Recharge & Extractions
2012-2017

Table 7-1A

Projected San Fernando Basin Recharge 2012-17

	SAN FERNANDO BASIN RECHARGE (AF/Y)																		
	RAINFALL (IN/Y)		PERCOLATION			H&M (A)	SPREADING GROUNDS								SUBSURFACE INFLOW				
										PACOIMA									
WATER YEAR	VALLEY	HILL & MTN	VALLEY FILL	RETURN WATER	SUB TOTAL	HILL & MTN	BRANFORD	HANSEN (B) (NATIVE)	LOPEZ	PACOIMA (NATIVE)	PACOIMA (C) (MWD)	PACOIMA (TOTAL)	TUJUNGA (D)	SUB - TOTAL	PACOIMA NOTCH (E)	SYLMAR NOTCH (E)	VERDUGO BASIN	SUB - TOTAL	TOTAL RECHARGE
2012-13	6.82	8.46	4,737	46,694	51,431	1,445	556	2,105	502	6,802	6,700	13,502	830	17,495	117	133	70	320	70,691
2013-14	18.07	22.47	12,553	54,347	66,900	3,838	540	11,000	540	6,564	7,000	13,564	7,534	33,178	117	133	70	320	104,236
2014-15	18.07	22.47	12,553	54,347	66,900	3,838	540	18,534	540	6,564	7,000	13,564	0	33,178	117	133	70	320	104,236
2015-16	18.07	22.47	12,553	54,347	66,900	3,838	540	18,534	540	6,564	6,200	12,764	0	32,378	117	133	70	320	103,436
2016-17	18.07	22.47	12,553	54,347	66,900	3,838	540	11,000	540	6,564	6,200	12,764	7,534	32,378	117	133	70	320	103,436

Table 7-1B

Projected San Fernando Basin Extraction 2012-17

	SAN FERNANDO BASIN EXTRACTIONS (AF/Y)																			
	LADWP											BURBANK			GLENDALE			OTHERS		
WATER YEAR	AE	EB	HW	NH (WEST)	NH (EAST)	PL	RT	TJ	VD	WH	TOTAL LADWP (F)	BURBANK PSD	LOCKHEED	NON-BURBANK (VMP)	CITY OF GLENDALE	OU-NORTH	OU-SOUTH	TOTAL NON-LADWP	TOTAL NON-GLENDALE (F. LAWN)	TOTAL EXTRACTION
2012-13	-908	-1,112	0	-11,475	0	-1,061	-10,636	-19,047	-1,161	-1,743	-47,143	0	-10,733	-350	-53	-4,570	-2,461	-1,028	-400	-66,738
2013-14	-1,377	-1,089	0	-5,824	0	-2,178	-5,494	-15,674	-1,159	-1,694	-34,489	0	-10,909	0	-48	-4,745	-2,555	-1,028	-400	-54,174
2014-15	-1,937	0	0	-1,493	0	-2,178	-1,493	-15,674	-2,553	0	-25,328	0	-10,909	0	-48	-4,745	-2,555	-1,028	-400	-45,013
2015-16	-4,923	0	0	0	0	-2,178	0	-15,674	0	0	-22,775	0	-10,909	0	-48	-4,745	-2,555	-1,028	-400	-42,460
2016-17	-4,923	0	0	0	0	-2,178	0	-15,674	0	0	-22,775	0	-10,909	0	-48	-4,745	-2,555	-1,028	-400	-42,460

NOTES:

(A) Hill & Mountain runoff

(B) Hansen Spreading Grounds activated in the water year of 2009-10 after completing the modification work

(C) Burbank projected to spread between 6,200 to 7,000 AF of imported water (MWD) at Pacoima Spreading Grounds on a yearly basis.

(D) Tujunga Spreading Grounds will be taken out of service during the water years of 2014-16 for modifications to increase storage capacity

(E) The values were estimated on the updated Safe Yield for the Sylmar Basin by Mr. Richard Slade, the Watermaster of Upper Los Angeles River Area.

(F) The values shown for Los Angeles on this extraction plan are estimates only. The estimated groundwtaer pumping amounts for the above-mentioned wellfields may be increased as treatment faculities are installed or as the blending with external source of water will continue to be allowable.

C. Simulated Groundwater Elevations and Flow Directions

After running the model for five separate but successive stress periods (Water Years 2012-2017), each lasting 365 days, MODFLOW generated various numerical data, including simulated heads (groundwater elevations), the drawdown (change in groundwater elevations), and the cell-by-cell flow (vector or flow direction data). These numerical data were used to create the following figures and plates:

- The simulated contours of equal elevation of groundwater (water table) for Model Layer 1 for Fall 2017 are shown on Plate 1; the simulated elevation contours for groundwater for Model Layer 2 are shown on Plate 2 for the same period.
- The changes in the simulated groundwater elevation contours were generated from the drawdown data from the Fall 2012 to Fall 2017 stress period and the results are shown on Plate 3 for Layer 1 and on Plate 4 for Layer 2.
- The simulated horizontal groundwater flow directions for Fall 2017 are shown on Plate 5 for Model Layer 1 and on Plate 6 for Layer 2 for the same period.
- Plates 7 through 10 depict the most recently generated contaminant plumes for TCE, PCE, nitrate as NO_3, and total dissolved chromium (as adapted from 2010-dated work published by the USEPA), superimposed onto the Layer 1 simulated horizontal groundwater flow direction for the year 2017.

D. Evaluation of Model Results

Plate 1: Simulated Groundwater Elevation Contours, Model Layer 1 – Fall 2017

The most noticeable feature of the simulated groundwater elevation contours shown on Plate 1 is the cone of depression (pumping cone) that has developed around the Burbank OU. Groundwater extractions by this facility reportedly occur primarily from Layer 1, although Layer 2 may provide some recharge to Layer 1. Burbank has projected pumping of about 10,909 AF/Y from its BOU for the period from Fall 2012 to Fall 2017. The radius of influence, as determined by the model, may extend as far as 2,240 ft in the downgradient (southeasterly) direction. The upgradient radius of influence may be greater than the downgradient radius of influence.

Plate 1 illustrates the more subtle pumping influence of the Glendale OU wells, and the Pollock Treatment Plant Wells.

Plate 2: Simulated Groundwater Elevation Contours, Model Layer 2 – Fall 2017

The most significant features of the simulated groundwater elevation contours shown on Plate 2 are the simulated cones of depression near the Tujunga wellfield and the wells within the Burbank OU. Over 75 percent of the groundwater pumped from the Tujunga wellfield is reportedly from model Layers 2, 3 and 4.

Plate 3: Change in Groundwater Elevations, Model Layer 1 – Fall 2012 to Fall 2017

In general, the model simulation showed an increase in groundwater elevations in most areas of SFB, particularly in areas near the wellfields and the spreading grounds. This rebound in simulated water level elevations would result from the substantial reductions in groundwater pumping expected by the City of Los Angeles; their five-year plan indicates pumping would be reduced each year down to as low as 22,775 AF during Water Year 2016-17 (See Table 7-1B). While Los Angeles's pumping would likely be reduced in response to water quality concerns (such as detection of elevated concentrations of VOCs in its groundwater), steps are being taken by Los Angeles to construct treatment systems to treat and serve the groundwater, and therefore not lose the operation of its wellfields over the next several years.

In summary, the estimated total recharge volumes expected over the next five years substantially exceeds total groundwater extractions over the same period by about 235,190 AF, cumulatively. The information below provides a more detailed review of Plate 3:

- The area in the vicinity of Tujunga Spreading Grounds shows an increase in simulated groundwater elevations of about 46 feet, as a result of resumed spreading activities at TSG in 2016 and reduced pumping at the nearby Tujunga wellfield.
- The area in the vicinity of Hansen Spreading Grounds shows an increase in simulated groundwater elevation of about 41 feet.
- The increase in simulated groundwater elevations from 2012 to 2017 in the vicinity of Pacoima Spreading Grounds is due to the proposed spreading of imported water by Burbank (6,200 AF/Y) in addition to the normal recharge of native surface water by LACDPW.
- The simulated groundwater elevations within the cone of depressions created by the Rinaldi-Toluca and North Hollywood West wellfields were shown by the model to rebound with increases in the simulated groundwater elevations by about 46 and 41 ft, respectively. This simulated rebound in groundwater elevations in areas near these wellfields would result from the proposed reduced pumping anticipated by Los Angeles.

- Groundwater elevations near the Erwin, Whitnall and Verdugo wellfields were simulated to increase by 16 to 31 ft, due to the reduction in projected pumping from these wellfields between 2012 and 2017.
- Simulated groundwater elevations near the Burbank OU showed an expected increase by about 21 ft, and the groundwater elevations near the Glendale North OU were projected to increase by 3 ft from 2012 to 2017.

Plate 4: Change in Groundwater Elevations, Model Layer 2 – Fall 2012 to Fall 2017

- Similar to Model Layer 1, Plate 4 illustrates much of the same substantial increases in simulated groundwater elevations in Model Layer 2; once again, these would result from the reduced pumping anticipated by Los Angeles as well as the anticipated increased recharge activity at the spreading basins.
- The model simulated an increase in groundwater elevations by 41 to 46 feet in the area near the Rinaldi-Toluca and North Hollywood-West wellfields. Simulated groundwater elevations in the area near the Erwin, Whitnall and Verdugo wellfields were projected by the model to increase by 16 to 31 ft. The model also simulated a rebound in the groundwater elevations by about 41 ft in the area upgradient of the Tujunga wellfield.

Plate 5: Simulated Groundwater Flow Directions, Model Layer 1 – Fall 2017

- Plate 5 illustrates groundwater flow direction arrows superimposed on the simulated groundwater elevation contours; the arrows reveal the general (regional) direction of groundwater flow within Layer 1 of the model.
- Groundwater pumped at the Rinaldi-Toluca, Tujunga, North Hollywood, GOU, and BOU wellfields and water spread at the Hansen, Pacoima and Tujunga spreading grounds appear to have caused the most pronounced effect on the direction of groundwater flow in the SFB. In particular, the BOU may create such a significant cone of pumping depression that groundwater appears to flow inward toward the wellfield from all directions (radial flow*)*.
- A groundwater divide apparently develops south of the Burbank OU wells. This appears to be primarily due to the "pumping trough" formed by pumping at the BOU.

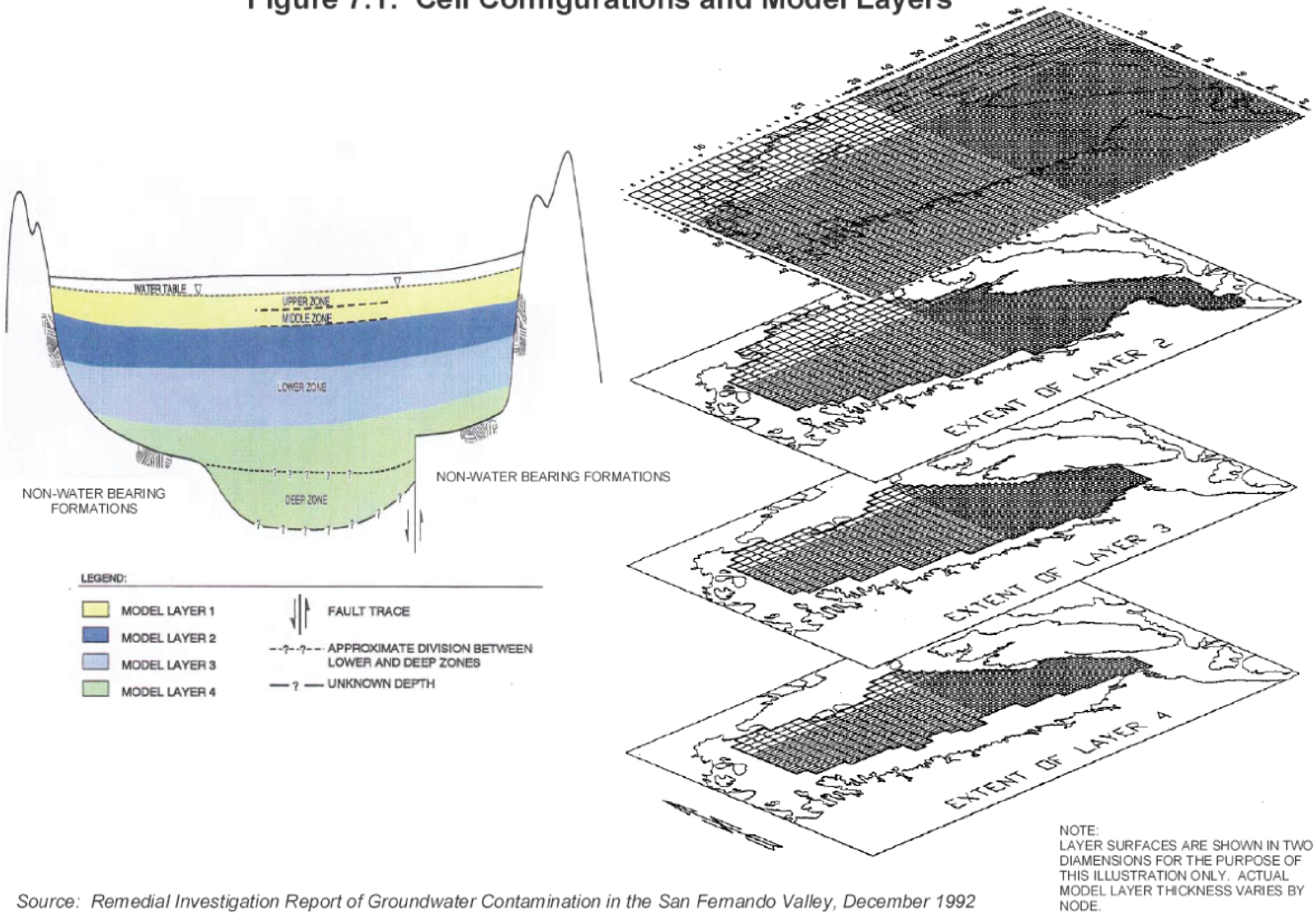
Plate 6: Simulated Groundwater Flow Directions, Model Layer 2 – Fall 2017

- Plate 6 consists of groundwater flow direction arrows superimposed on the simulated groundwater elevation contours to illustrate the general or regional direction of groundwater flow within Layer 2 of the model.

Plates 7 – 10: Simulated Groundwater Flow Directions, and TCE, PCE, NO_3, and Chromium (Cr) Contamination in Model Layer 1 – Fall 2017

- Plates 7 through 10 depict the most recent TCE, PCE, NO_3, and Cr contaminant plumes available from the work of USEPA (as of 2010), and these plumes have been superimposed onto the horizontal direction of groundwater movement in Layer 1 for Fall 2017. The BOU appears to contain most of the 1,000 to 5,000 μg/L plumes of TCE and PCE and a large portion of the 0-5, 5-50, 100-500, and 500-1,000 μg/L plumes of TCE and PCE. The uncaptured portions of these plumes are likely to continue migrating southeasterly in the direction of the Los Angeles River Narrows area and toward the Glendale OU.
- Pumping by the Burbank OU (10,909 AF/Y) tends to flatten the horizontal gradient in a southeasterly direction and may slow the movement of groundwater southeasterly of the plume in the area of the Burbank OU.
- Wells in the Glendale NOU and SOU capture a portion of the plume(s) that is (are) not captured by the Burbank OU wells. Glendale OU wells reportedly also capture the plume upgradient from but within the radius of influence of these wells.
- Whenever the Pollock wells are pumped, there appears to be little effect on Layer 1 because approximately 75 percent of the pumping by this facility would reportedly extract groundwater from the zones within Layer 2.
- Plate 9 (NO_3 contamination) indicates that Layer 1 extractions by the NHOU, BOU and GOU wells may be impacted by nitrate as NO_3.
- Plate 10 (Total Dissolved Chromium) indicates that Layer 1 extractions by wells in the NHOU, BOU, the north and south GOUs, and the Pollock wells might be impacted by the chromium plume(s).

Figure 7.1: Cell Configurations and Model Layers



Source: Remedial Investigation Report of Groundwater Contamination in the San Fernando Valley, December 1992

VIII. WATERMASTER EVALUATION AND RECOMMENDATIONS

Declining groundwater levels in some wells combined with continually increasing Stored Water Credits for the three municipal-supply Parties in the SFB represent serious problems that require ongoing analysis and review with respect to the hydrogeology and management of this basin. The 2007-dated Stipulated Agreement between these Parties (Burbank, Glendale and Los Angeles) will help to limit the future pumping of Stored Water Credits in the SFB. Importantly, this Watermaster has opined that groundwater pumping by the municipal-supply purveyors will need to be reduced until basin recharge and their groundwater extraction volumes become more in equilibrium over time. Further, in an effort to increase stormwater recharge in SFB, the City and County of Los Angeles performed and funded an ambitious and very important program to increase the recharge capacity in several of the local spreading grounds, and the City of Los Angeles continues to investigate additional alternatives to increase water conservation. This Watermaster commends the City and County of Los Angeles for these vital efforts.

VOC contamination continues to be the most serious challenge to water quality and to the ability of the Parties to pump their water rights (without treatment) from the SFB. The various contaminant plumes continue to be large and to migrate, despite years of groundwater remediation and treatment. For example, the VOC plumes in North Hollywood have not been completely controlled by the extraction wells in the NHOU, due in large part to declining groundwater levels which have resulted in the reduced pumping capacity of those extraction wells. It is encouraging to see USEPA's proposed Second Interim Remedy for the NHOU which entails facility improvements to increase its peak pumping capacity to as much as 4,000 gpm (3,050 gpm on average). Although the planned implementation of these improvements is several years away, this Remedy should eventually help remove additional contaminant mass and control contaminant migration in the nearby plume(s). The BOU has undergone several capital improvements and that facility now operates with much greater reliability to pump and treat VOC-contaminated groundwater near its 9,000 gpm design capacity on a consistent basis.

The Watermaster is also aware of the rising trends in and/or recent detections of hexavalent chromium in several production wells in the eastern portion of the SFB. Currently, none of the existing water treatment plants are capable of removing this contaminant. As Watermaster, I continue to support an aggressive approach by regulatory agencies including USEPA, LARWQCB, and DTSC in identifying the various sources of this contaminant and in requiring effective, efficient and timely cleanup by the responsible parties. The Watermaster appreciates Glendale's lead in the development of chromium treatment technology in the area and in the construction of its Chromium Removal Demonstration Facilities, in light of the impending chromium MCL announcement by the California DPH.

Another ongoing concern of this Watermaster is that MTBE is still present in certain CVWD municipal-supply water wells in Verdugo Basin. The MTBE Task Force was successful in identifying several potential source sites and, along with the LARWQCB, is pursuing additional subsurface investigations and cleanup by the responsible parties at various active and even abandoned service stations in Verdugo Basin. The support and enforcement actions of the LARWQCB have been very helpful in helping to define and mitigate the MTBE problems in this basin.

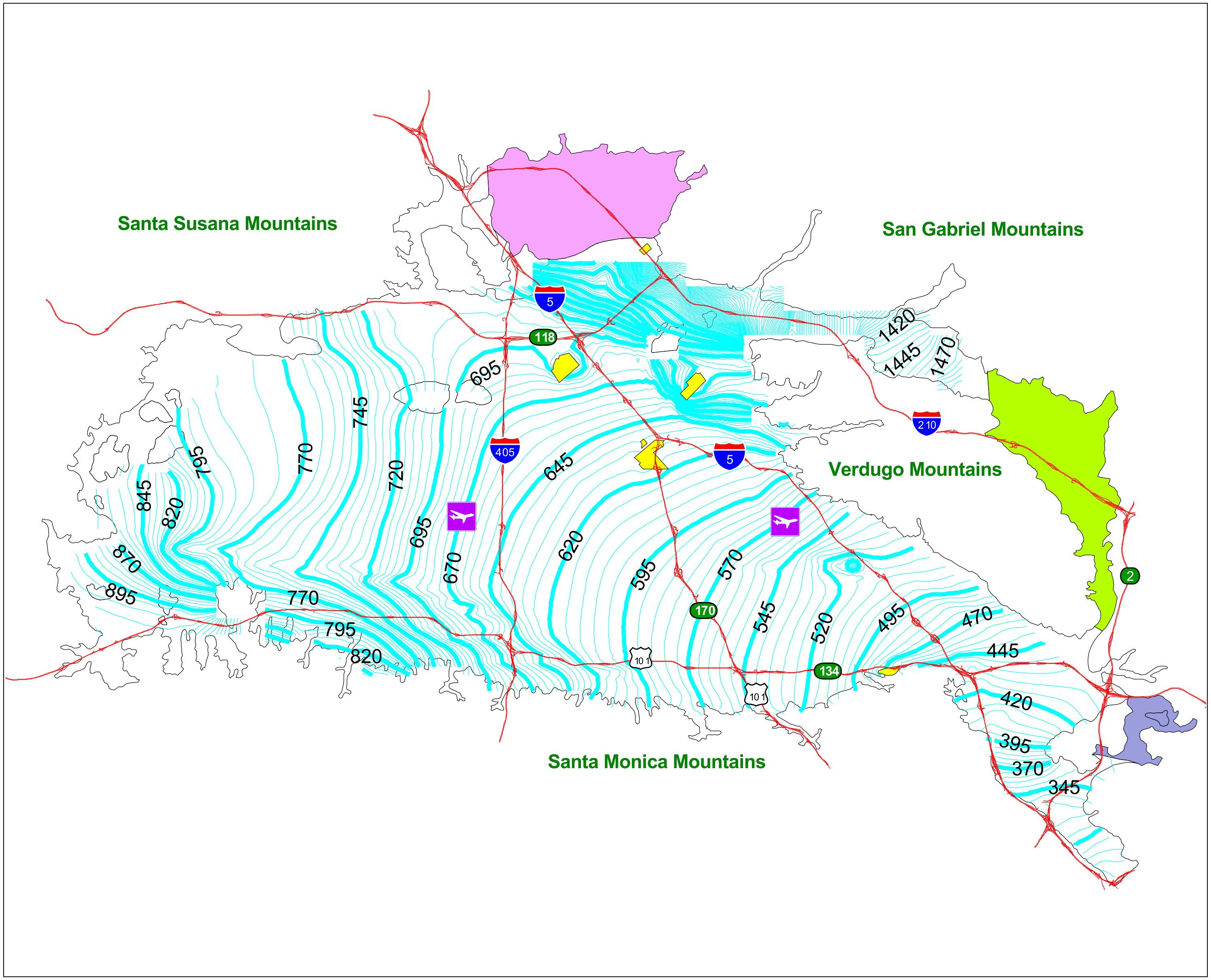
Due to the geologic conditions in Verdugo Basin and the presence of local bedrock constrictions, groundwater tends to rise to ground surface near the Verdugo Wash Narrows and eventually leaves this basin as surface outflow. Glendale is currently unable to pump its full right from the Verdugo Basin, but by rehabilitating one of its previously-abandoned wells and constructing a new municipal-supply well, Glendale has taken steps to increase its extractions from the Verdugo Basin and help reduce the continued groundwater outflow from this basin. The Watermaster commends the ongoing efforts of Glendale to increase its pumping capacity and also the efforts of CVWD to begin an evaluation of potential stormwater recharge projects in Verdugo Basin.

The Parties should continue to expect to face significant challenges to both the availability and quality of the groundwater in the ULARA groundwater basins during the next five water years. It is the opinion of this Watermaster that, over the forthcoming years, it will be essential for the continuing safe yield operation of the ULARA groundwater basins to continue to: provide more recharge at existing spreading basins; define and implement new locations and/or other methods (such as the use of injection wells) for recharging these groundwater basins; actively pursue the possible use of recycled water to augment groundwater recharge that occurs naturally during the rainy season each year in the existing spreading basins; and to begin working with CDPH and the LARWQCB to define the possibility of the direct recharge of highly treated recycled water into injection wells that could be located near or east of the 405 Freeway in the SFB.

PLATES

PLATE 1

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2012- 2017 Water Years



LEGEND

Groundwater Contour
Spreading Grounds
Airport

Groundwater Basins

San Fernando
Sylmar
Verdugo
Eagle Rock

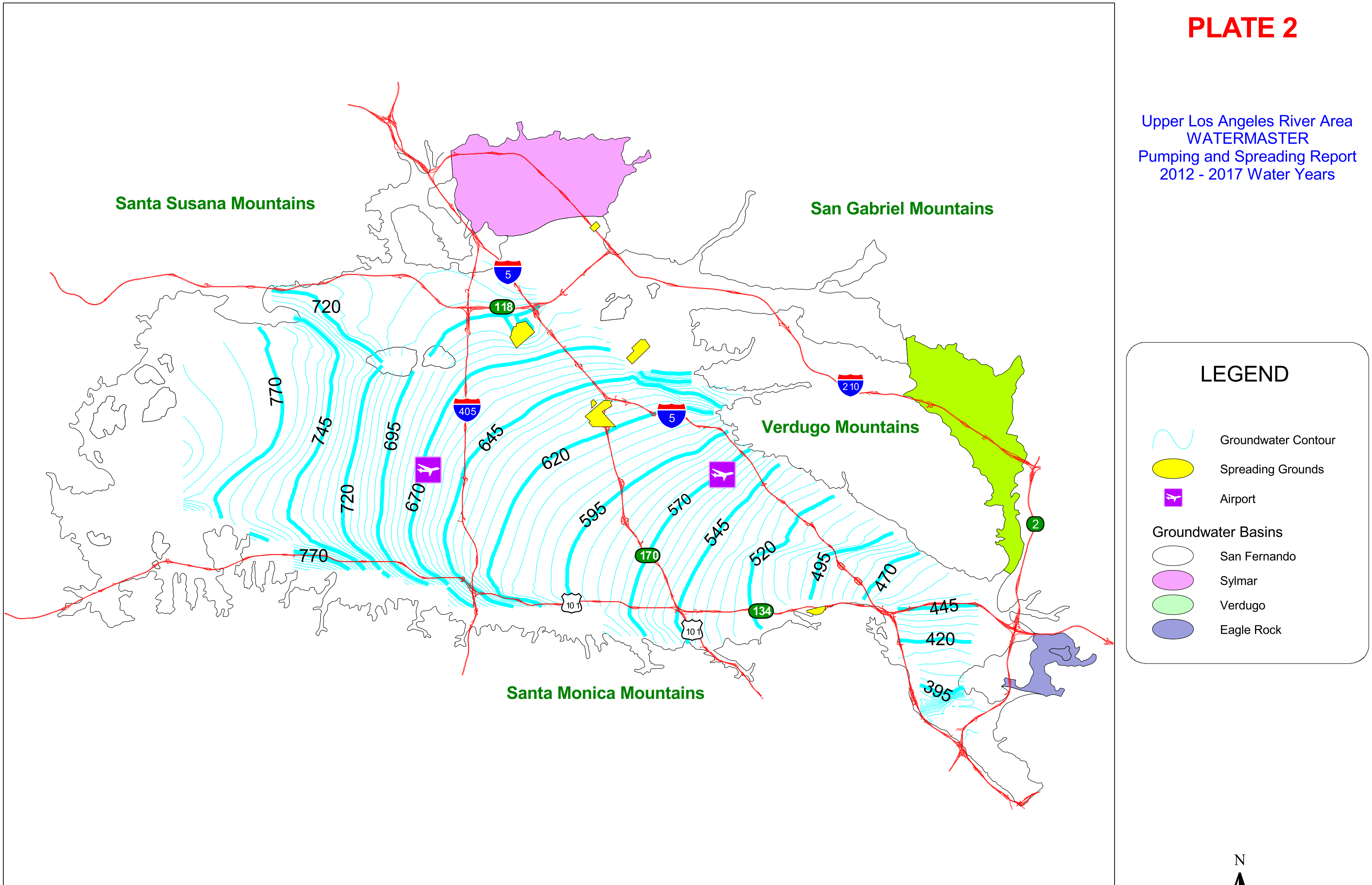
N

2 0 2 Miles

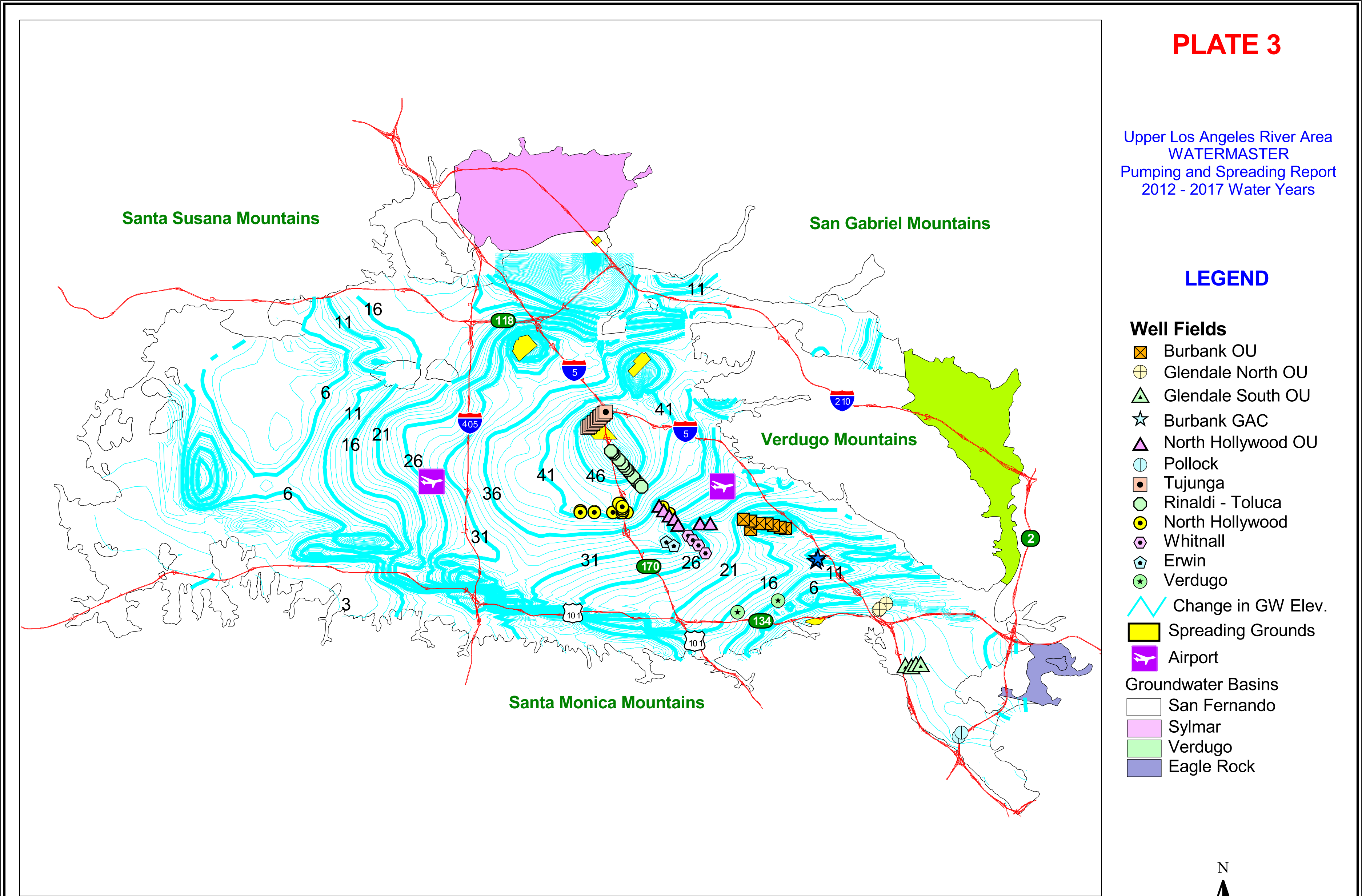
Simulated Groundwater Contours - Model Layer 1
FALL 2017

PLATE 2

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2012 - 2017 Water Years



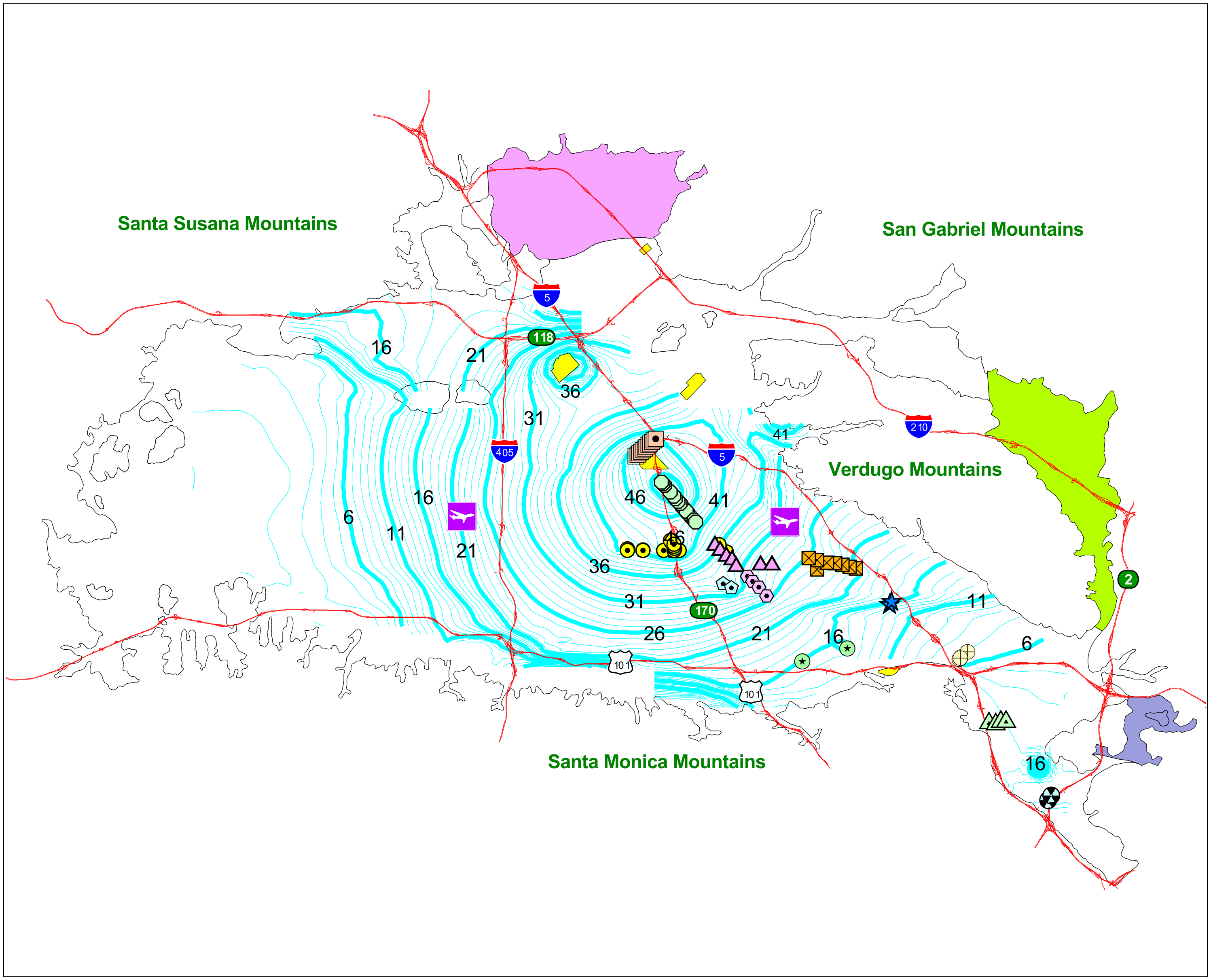
Simulated Groundwater Contours - Model Layer 2
FALL 2017



Simulated Change in Groundwater Elevation - Model Layer 1
Fall 2012 - Fall 2017

PLATE 4

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2012 - 2017 Water Years



LEGEND

Well Fields

- Burbank OU
- Glendale North OU
- Glendale South OU
- Burbank GAC
- North Hollywood OU
- Pollock
- Tujunga
- Rinaldi - Toluca
- North Hollywood
- Whitnall
- Erwin
- Verdugo
- Change in GW Elev.
- Spreading Grounds
- Airport

Groundwater Basins

- San Fernando
- Sylmar
- Verdugo
- Eagle Rock

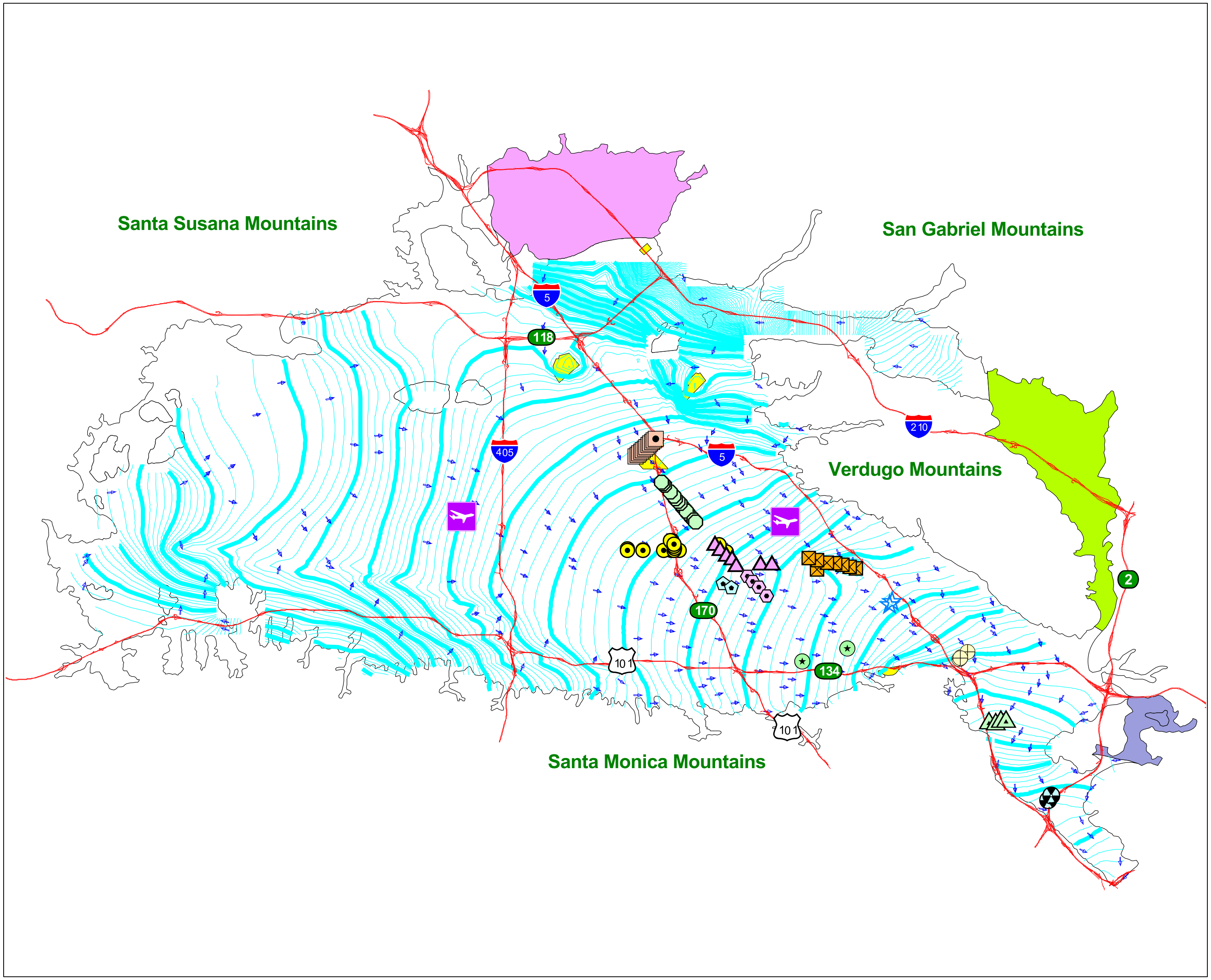
N

2 0 2 Miles

Simulated Change in Groundwater Elevation - Model Layer 2
Fall 2012 - Fall 2017

PLATE 5

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2012- 2017 Water Years



LEGEND

Well Fields

- Burbank OU
- Glendale North OU
- Glendale South OU
- Burbank GAC
- North Hollywood OU
- Pollock
- Tujunga
- Rinaldi - Toluca
- North Hollywood
- Whitnall
- Erwin
- Verdugo

Groundwater Flow Direction

Groundwater Contour

Spreading Grounds

Airport

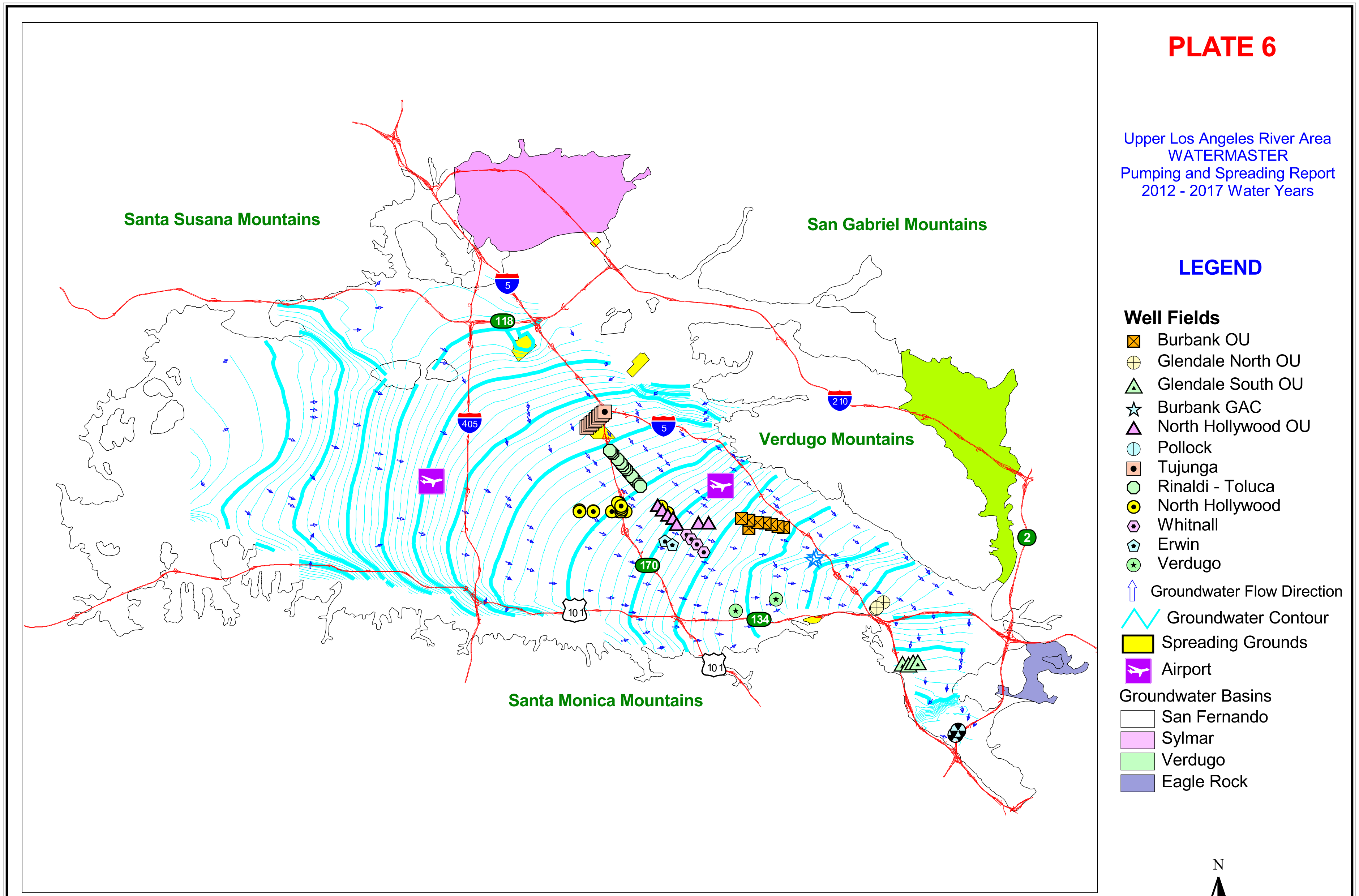
Groundwater Basins

- San Fernando
- Sylmar
- Verdugo
- Eagle Rock

N

2 0 2 Miles

Simulated Groundwater Flow Direction - Model Layer 1
FALL 2017



Simulated Groundwater Flow Direction - Model Layer 2
FALL 2017

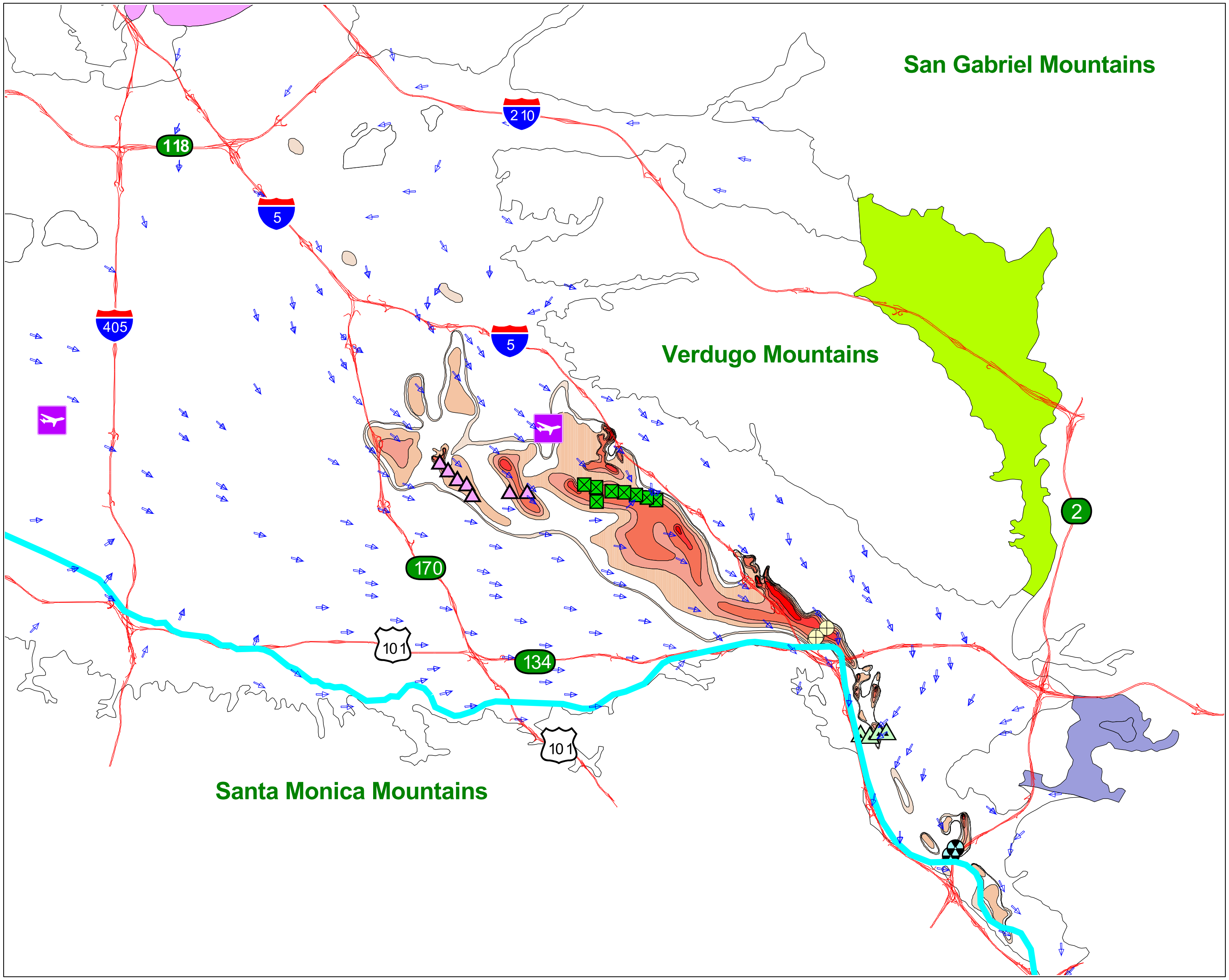


PLATE 7

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2012 - 2017 Water Years

LEGEND

- Burbank OU
- Glendale North OU
- Glendale South OU
- North Hollywood OU
- Pollock Wells

TCE Plume (Source: EPA)

- > DL - 5 ug/L (MCL)
- 5.01 - 50 ug/L
- 50.01 - 100 ug/L
- 100.01 - 500 ug/L
- 500.01 - 1000 ug/L
- 1000.01 - 5000 ug/L
- Groundwater Flow Direction
- Los Angeles River
- Airport

Groundwater Basins

- San Fernando
- Sylmar
- Verdugo
- Eagle Rock

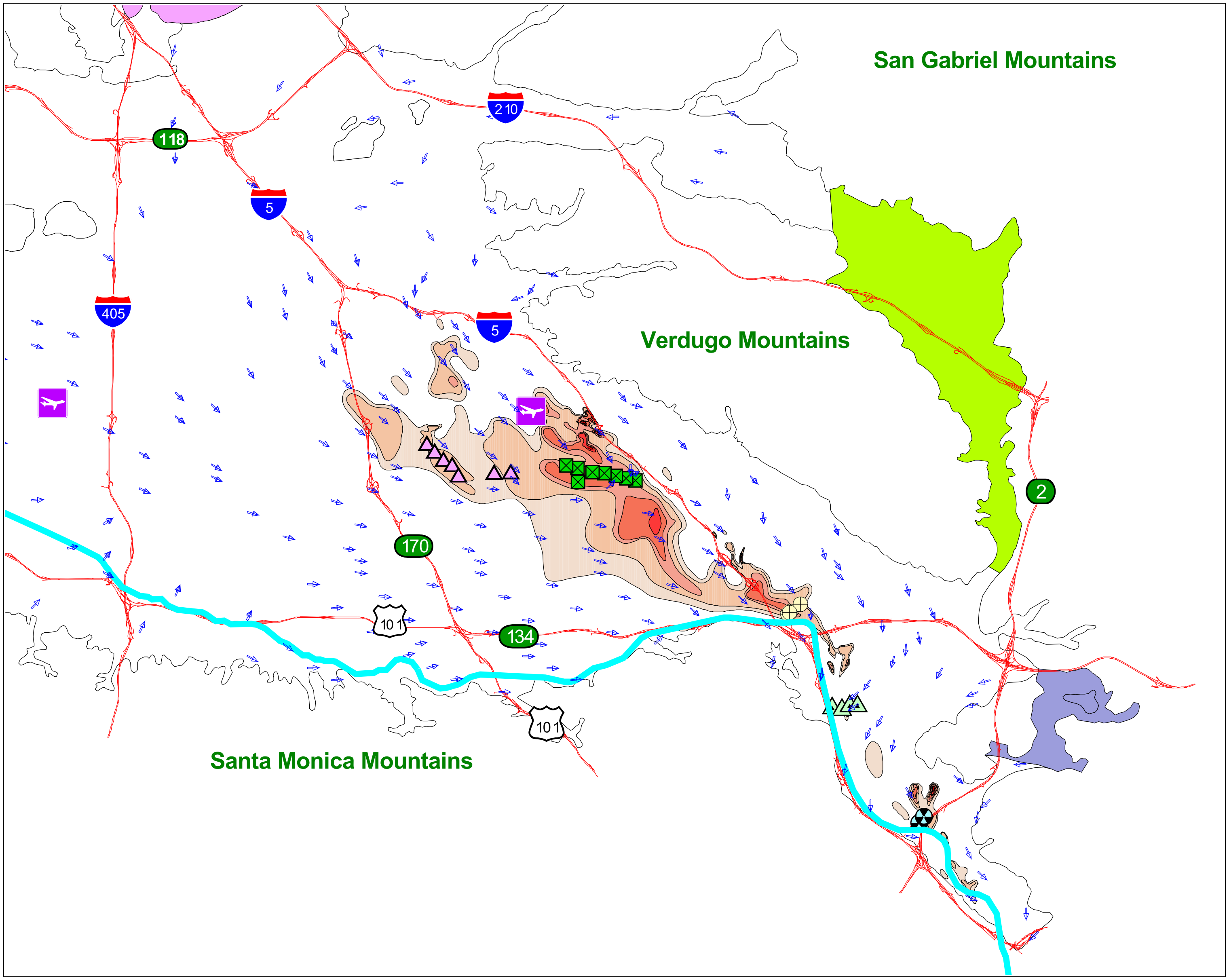
N

1 0 1 2 Miles

2010 TCE Contamination and 2017 Simulated Groundwater Flow Direction
Model Layer 1

PLATE 8

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2012 - 2017 Water Years



LEGEND

Burbank OU
Glendale North OU
Glendale South OU
North Hollywood OU
Pollock Wells

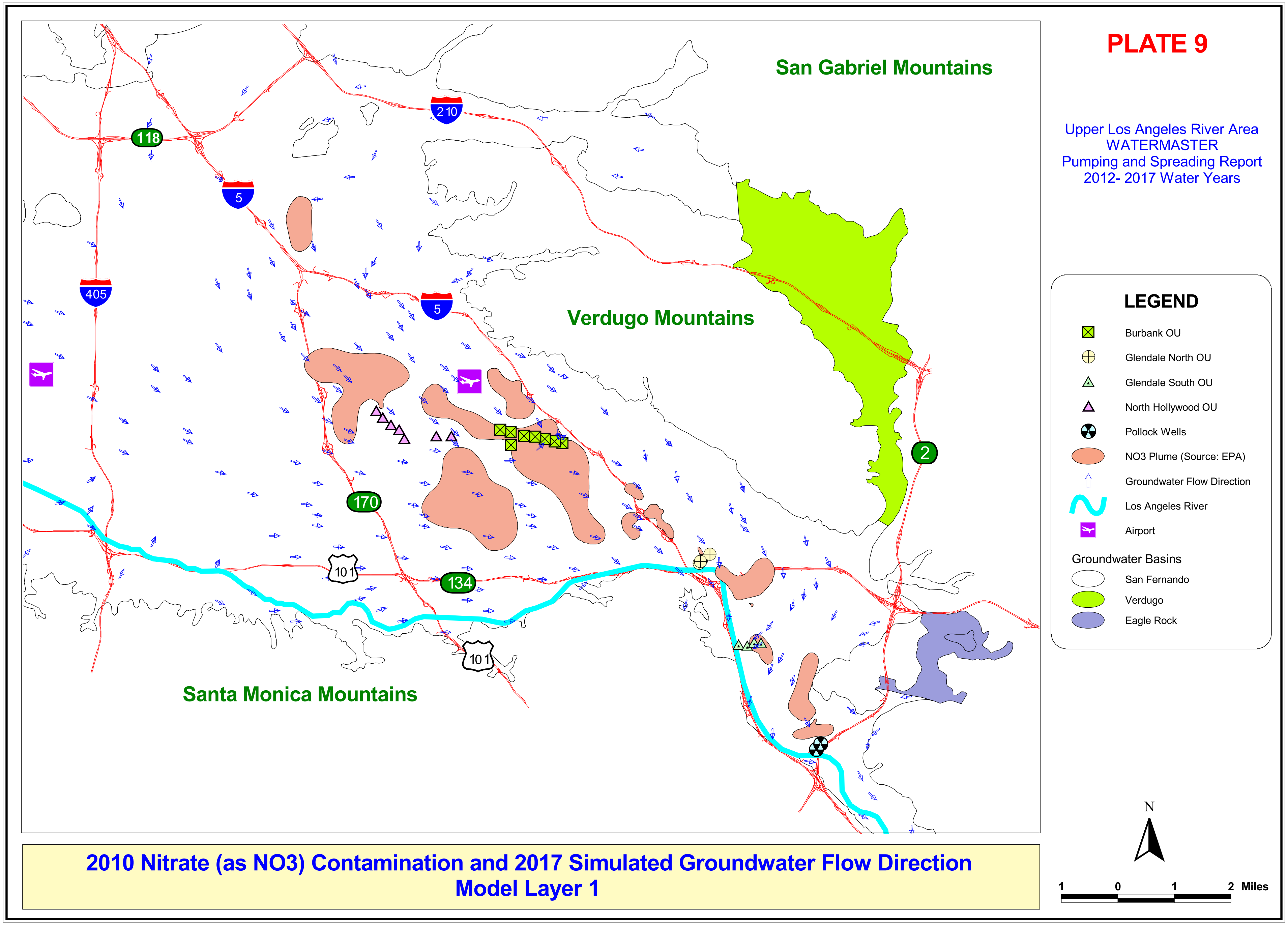
PCE Plume (Source: EPA)
> DL - 5 ug/L (MCL)
5.01 - 50 ug/L
50.01 - 100 ug/L
100.01 - 500 ug/L
500.01 - 1000 ug/L
1000.01 - 5000 ug/L
Groundwater Flow Direction
Los Angeles River
Airport

Groundwater Basins
San Fernando
Sylmar
Verdugo
Eagle Rock

N

1 0 1 2 Miles

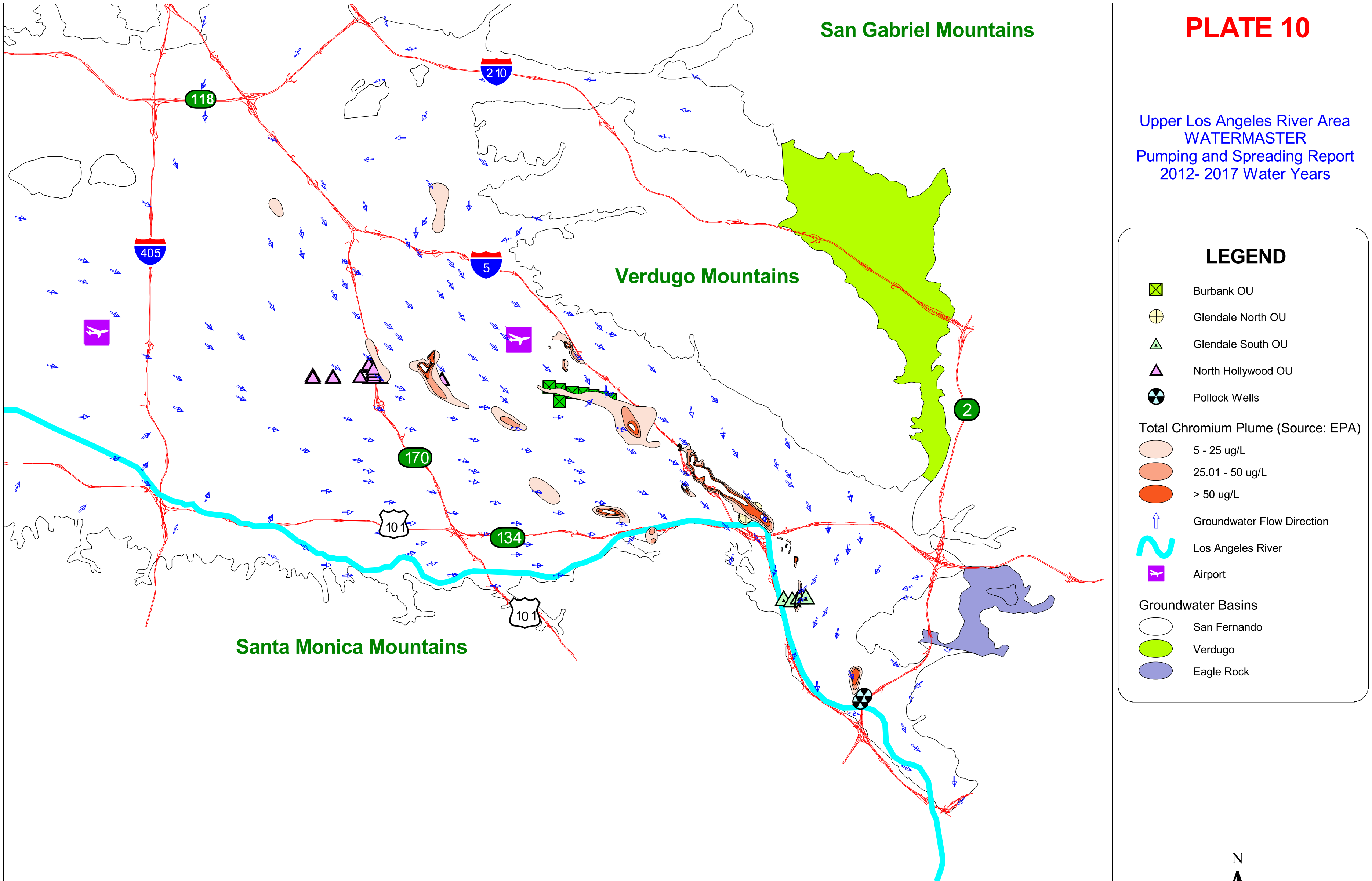
2010 PCE Contamination and 2017 Simulated Groundwater Flow Direction
Model Layer 1



2010 Nitrate (as NO3) Contamination and 2017 Simulated Groundwater Flow Direction
Model Layer 1

PLATE 10

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2012- 2017 Water Years



2010 Total Dissolved Chromium Contamination and 2017 Simulated Groundwater Flow Direction
Model Layer 1

APPENDIX A

CITY OF LOS ANGELES

PUMPING AND SPREADING PLAN

2012-2017 Water Years

CITY OF LOS ANGELES
GROUNDWATER PUMPING AND SPREADING PLAN
IN THE UPPER LOS ANGELES RIVER AREA
FOR WATER YEARS 2012-2017

MAY 2013

Prepared by:
Groundwater Management Group
WATER QUALITY DIVISION
Los Angeles Department of Water and Power

TABLE OF CONTENTS

Introduction

The water rights in the Upper Los Angeles River Area (ULARA) were set forth in a Final Judgment, entered on January 26, 1979, ending litigation that lasted over 20 years. The ULARA Watermaster's Policies and Procedures give a summary of the decreed extraction rights within ULARA, together with a detailed statement describing the ULARA Administrative Committee operations, reports to and by the Watermaster and necessary measuring tests and inspection programs. The ULARA Policies and Procedures have been revised several times since the original issuance, to reflect current groundwater management thinking.

In Section 5.4 of the ULARA Policies and Procedures as amended in February 1998, it is stated that:

"...all parties or non-parties who pump groundwater are required to submit annual reports by May 1 to the Watermaster that include the following:

- *A 5-year projection of annual groundwater pumping rates and volumes.*
- *A 5-year projection of annual spreading rates and volumes.*
- *The most recent water quality data for each well."*

This 2013 report presents the five-year Groundwater Pumping and Spreading Plan for the Water Years 2012–2017 for the City of Los Angeles.

Section 1: Facilities Description

This section describes facilities that influence groundwater conditions in ULARA and relate to Los Angeles.

a.) Spreading Grounds: There are five spreading ground facilities that can be used for groundwater recharge of native water in ULARA. The Los Angeles County Department of Public Works (LACDPW) operates the Branford, Hansen, Lopez, and Pacoima spreading grounds. LACDPW and LADWP operate the Tujunga Spreading Grounds cooperatively. Estimated capacities for these are shown in Table 1-1 and their locations are shown in Figure 1-1.

TABLE 1-1
ESTIMATED CAPACITIES OF ULARA SPREADING GROUNDS

Spreading Ground	Type	Total wetted area [ac]	Capacity [ac-ft/yr.]
Operated by LACDPW			
Branford	Deep basin	7	2,100
Hansen	Med. Depth basins	107	35,000
Lopez	Shallow basins	12	2,000
Pacoima	Med. Depth basins	107	23,000
Operated by LACDPW and LADWP			
Tujunga	Shallow basins	83	43,000
		TOTAL:	105,100

b.) Extraction Wells: The LADWP has nine well fields in the San Fernando Basin, and one in the Sylmar Basin. The rated capacities of the nine well fields are shown in Table 1-2. The rated capacities are approximate as operating capacities vary depending on the water levels. Actual groundwater pumping is dependent on maintenance schedules and water quality for each well.

TABLE 1-2
RATED CAPACITIES OF LADWP WELL FIELDS IN ULARA

Well Field	Number of Wells			Rated Capacity	
San Fernando Basin	Active	Stand-by	Total	cfs	gpm
Aeration	7	---	7	2.4	1,077
Crystal Springs (A)	---	---	---	---	---
Erwin	2	0	2	6.1	2,738
Headworks			---	---	---
North Hollywood	14	3	17	69.6	31,237
Pollock	2	0	2	5.9	2,648
Rinaldi-Toluca	15	---	15	113	50,714
Tujunga	12	---	12	98.2	44,072
Verdugo	2	---	2	7.4	3,321
Whitnall	4	---	4	14.8	6,642
Sylmar Basin					
Mission	2	---	2	5	2,244
TOTAL	60	3	63	322	144,693

(A) Well field has been abandoned pursuant to sale of property to DreamWorks, Inc.

c.) Groundwater Treatment Facilities: The LADWP operates three groundwater treatment facilities. Water treated by these facilities is conveyed to the water distribution system and delivered to LADWP customers for potable supply and beneficial use.

North Hollywood Groundwater Treatment Facility: The North Hollywood Operable Unit (NHOU) was placed into service December 1989 is being operated and maintained under the direction of the United States Environmental Protection Agency (USEPA) in accordance with the Cooperative Agreement between these two agencies. USEPA provides 90% of the funding for the operations and maintenance of this facility.

The NHOU was designed to achieve a groundwater treatment capacity of up to 2,000 gallons per minute (gpm) utilizing eight shallow extraction wells and an aeration tower to remove volatile organic compounds (VOC) from the extracted groundwater. Vapor-phase granular activated carbon (GAC) vessels are utilized to remove VOCs from the air emissions from the aeration tower.

Pollock Wells Treatment Plant: This plant was placed into service in March 1999 to remove VOCs from the groundwater at a rate up to 3,000 gpm from the Pollock Well Field. The facility features the use of liquid-phase GAC, restores the use of Pollock Wells, and addresses the excessive rising groundwater discharges from the San Fernando Basin into the Los Angeles River.

Tujunga Wells Treatment Plant: New Liquid-Phase GAC groundwater treatment vessels were installed on two production wells at the Tujunga Wellfield, and has restored the use of 12,000 Acre Feet per Year (AFY) of pumping capacity that was unavailable due to water quality constraints. The wellhead treatment facilities were placed into service in May 2010.

Section 2: Annual Pumping And Spreading Projections

a.) Pumping Projections for the Water Years 2012-2017: The City of Los Angeles has the following four sources of water supply:

1) Los Angeles Aqueduct supply imported from the Owens Valley/Mono Basin areas;
2) Local groundwater supply from the Central, San Fernando, and Sylmar Basins;
3) Metropolitan Water District of Southern California (MWD) supply imported from the Sacramento Bay Delta via the State Water Project and the Colorado River Aqueduct; and
4) Recycled water.

LADWP's use of groundwater from the San Fernando Basin fluctuates from year to year depending on the availability of the imported water sources, which can vary as a result of climatic and operational constraints. Use of the San Fernando Basin groundwater supply is largely constrained by the impacts due to groundwater contamination, including increasing concentrations of hexavalent chromium detetected in water supply wells, the detection of other emerging chemicals, and the significant impact of volatile organic compounds, including VOCs which have escaped the containment area of the NHOU thereby affecting nearby groundwater supply wells.

The San Fernando Basin and Sylmar Basin provide most of the City's local groundwater supply. The City of Los Angeles has the following average annual water rights, in acre feet (AF), which comprise approximately 11% of the City's supply:

San Fernando Basin:	87,000 AF
Sylmar Basin:	3,570 AF

Table 2-1 shows the amount of groundwater extractions that are expected during the 2012-13 Water Year from the San Fernando and Sylmar Basins. Table 2-2 provides groundwater extraction projections from 2012 to 2017. These projections are based upon assumed demand and Los Angeles Aqueduct flows, and are subject to yearly adjustments.

TABLE 2-1
ACTUAL AND PROJECTED PUMPING
BY THE CITY OF LOS ANGELES FOR WY 2012-2013
(in acre-feet)

San Fernando Basin		Actual Extraction (Acre-Feet)						Projected Extraction (Acre-Feet)					
	TOTAL	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13
AERATION	908	63	61	39	0	0	55	104	108	104	126	126	122
ERWIN	1,112	3	0	0	0	18	0	0	0	357	369	185	179
HEADWORKS	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH HOLLYWOOD	11,475	1,515	744	39	44	1,735	1,021	0	1,230	1,190	1,292	1,415	1,250
POLLOCK	1,061	333	0	0	0	0	0	0	185	179	185	0	179
RINALDI-TOLUCA	10,636	1,430	367	0	132	600	400	0	1,722	1,667	1,292	1,538	1,488
TUJUNGA	19,047	2,126	2,068	1,725	1,859	2,541	2,067	893	1,169	1,131	1,169	1,169	1,131
VERDUGO	1,161	1	0	0	0	0	0	0	246	238	228	228	220
WHITNALL	1,743	1	2	0	0	42	1	0	0	417	431	431	417
SAN FERNANDO BASIN TOTAL:	47,143	5,472	3,243	1,803	2,035	4,936	3,544	997	4,660	5,283	5,092	5,092	4,986
Sylmar Basin													
MISSION	1,704	158	159	172	173	153	161	179	0	0	185	185	179
ULARA TOTAL:	48,847	5,630	3,402	1,975	2,208	5,089	3,705	1,176	4,660	5,283	5,277	5,277	5,165

TABLE 2-2
PROJECTED PUMPING IN THE SAN FERNANDO BASIN
BY THE CITY OF LOS ANGELES FOR 2012-2017
(in acre-feet)

WELL FIELD	2012-13	2013-14	2014-15	2015-16	2016-17
AERATION	908	1,377	1,937	4,923	4,923
ERWIN	1,112	1,089	0	0	0
HEADWORKS	0	0	0	0	0
NO HOLLYWOOD	11,475	5,824	1,493	0	0
POLLOCK	1,061	2,178	2,178	2,178	2,178
RINALDI-TOLUCA	10,636	5,494	1,493	0	0
TUJUNGA	19,047	15,674	15,674	15,674	15,674
VERDUGO	1,161	1,159	0	0	0
WHITNAL	1,743	1,694	0	0	0
TOTAL ACRE-FEET	47,143	34,489	22,775	22,775	22,775

***Note**: The Extraction plan numbers for San Fernando Basin can be increased if some of the contaminated wells are treated or if the blending with external source of water will continue to be allowable in future*

Sylmar Basin	1,704	1,262	0	0	0

b.) Spreading Projections for the 2012-13 Water Year: Native groundwater recharge from captured storm runoff occurs primarily as a result of the use of man-made spreading grounds. Spreading ground operations are primarily controlled by the Los Angeles County Department of Public Works (LACDPW). Table 2-3 represents the anticipated spreading volumes for Water Year 2012-13.

TABLE 2-3
ACTUAL AND PROJECTED SPREADING
IN ULARA SPREADING GROUNDS FOR WY 2012-13
(in acre-feet)

Operated by:							
	LACDPW				**LADWP**	**LACDPW and LADWP**	**Monthly Total**
Month	**Branford**	**Hansen**	**Lopez**	**Pacoima**	**Headworks (A)**	**Tujunga**	
Actual							
Oct-12	25	160	355	1,670	0	110	2,320
Nov-12	82	0	75	2,420	0	412	2,989
Dec-12	126	311	0	2,100	0	65	2,602
Jan-13	85	464	0	79	0	23	651
Feb-13	39	394	0	25	0	0	458
Mar-13	69	406	0	44	0	0	519
Apr-13	23	19	72	424	0	120	658
Projected							
May-13	25	0	0	40	0	100	165
Jun-13	20	90	0	0	0	0	110
Jul-13	21	93	0	0	0	0	114
Aug-13	21	93	0	0	0	0	114
Sep-13	20	75	0	0	0	0	95
Total	**556**	**2,105**	**502**	**6,802**	**0**	**830**	**10,795**

(A) 1992-93 Water Year was the last year of spreading.

Section 3: Water Quality Monitoring Program Description

All of LADWP's 60 active wells in ULARA are monitored in conformance with the requirements set forth in Title 22, California Code of Regulations. For all active wells, monitoring is required whether the well is in production or not. State regulations require the following types of monitoring regimens:

1. Inorganic compounds
2. Organic compounds
3. Phase II and V Initial monitoring
4. Radiological compounds
5. Quarterly organics compounds

Each well, whether on active or standby status, is monitored every three years for a full range of inorganic and organic compounds. Phase II and V Initial monitoring involves analysis for newly regulated organic compounds at all wells. Each well must be sampled for four consecutive quarters within a three-year period. Quarterly monitoring of organic compounds is performed for each well where such compounds have been detected. A complete list of the parameters that must be tested for is contained in Title 22 of the California Code of Regulations.

Appendix A provides the concentrations of various compounds detected in LADWP's groundwater wells in the San Fernando and Sylmar Basins during the period of April 2012 through March 2013. This report includes concentrations detected for nitrate, TCE, PCE, perchlorate, total chromium, iron, manganese, 1,2-dichloroethene-cis, carbon tetrachloride, total coliform, 1,1-DCA, 1,1-DCE, 1,4-dioxane, bromide, and MTBE.

Section 4: Groundwater Treatment Facilities Operations Summary

North Hollywood Operable Unit (NHOU): Despite efforts to maintain the facility and equipment, the age and deterioration of this facility have resulted in numerous plant shutdowns. Over the past two years in particular, plant outages have totaled 80 days in 2011 and 171 days in 2012.

Leaks in the aeration tower effluent line caused a considerable impact to facility operations with three plant outages over a one-year period (March 2012, September 2012, and January 2013). The effluent line is a 16-inch riveted steel pipeline installed in 1925, and is nearly 1,900 feet in length. Repairing these leaks required the replacement of approximately 54 linear feet of pipe.

Other plant shutdowns were caused by various equipment failures, repairs to the aeration tower blower, equipment malfunctions, and outages resulting from power bumps and spikes in the power distribution system. A planned facility shutdown recently went into effect, which allows for the installation of isolation valves on a downstream water distribution trunk line.

Emerging contaminants have also impacted operational reliability of the NHOU. North Hollywood Extraction Well Nos. 2 and 3 (NHE-2, NHE-3) have been shut down due to elevated concentrations of hexavalent chromium (CR-VI). The NHOU was not designed to remove CR-VI. In 2007, NHE-2 was shut down in response to CR-VI concentrations exceeding 400 micrograms per liter (ug/L). To contain the plume, the responsible party, Honeywell Internatioal, Inc. began operating NHE-2 in 2009, with the untreated effluent being discharge into the sanitary sewer. In October 2012 and in March 2013, concentrations of CR-VI in NHE-3 exceeded the maximum contaminant levels of 50 ug/L set by the State of California. In response, NHE-3 was also shut down from further operation.

USEPA is working with the responsible parties to develop plans to replace the NHOU with a new facility, the NHOU Second Interim Remedy. This new facility will provide expanded treatment technology to remove emerging contaminants, such as CR-VI in addition to the volatile organic compounds (VOC) that are removed, currently, by the aeration tower.

Table 4-1 provides the volume of groundwater extracted by each North Hollywood extraction well and treated through the aeration tower for VOC removal. This table also provides the concentrations of TCE and PCE detected in the raw groundwater from each wellhead before aeration treatment. Water quality measurements from the treated effluent show that VOCs were effectively removed by the treatment process.

TABLE 4-1
GROUNDWATER TREATMENT FROM THE NORTH HOLLYWOOD OPERABLE UNIT (AERATION) WELLS
(in acre-feet)

Mon/Yr	Groundwater Treatment (AF) from Aeration Wells								TCE/PCE (µg/L)	
	No. 2*	No. 3**	No. 4	No. 5	No. 6	No. 7	No. 8	Total	Influent	Effluent
Apr-12	4.07	8.26	12.86	0	33.45	36.41	37.28	**132.33**	21.3/5.75	ND/ND
May-12	15.37	7.76	11.78	0	31.18	35.10	35.93	**137.12**	22.0/5.82	ND/ND
Jun-12	15.1	9.62	14.51	0	0	44.01	45.55	**128.79**	30.5/7.01	ND/ND
Jul-12	18.71	11.78	16.21	0	0	49.24	35.84	**131.78**	25.6/6.59	ND/ND
Aug-12	15.67	10.35	14.72	0	18.66	46.26	46.72	**152.38**	27.0/7.36	ND/ND
Sep-12	16.3	0	0	0	0	0	0	**16.3**	ns	ns
Oct-12	17.51	4.32	6.66	0	11.94	19.70	20.43	**80.56**	27.8/6.47	ND/ND
Nov-12	10.18	5.81	7.90	0	0	23.35	24.10	**71.34**	ns	ns
Dec-12	14.26	3.28	5.05	0	0	14.76	15.45	**52.8**	ns	ns
Jan-13	17.81	0	0	0	0	0	0	**17.81**	ns	ns
Feb-13	15.32	0	0	0	0	0	0	**15.32**	ns	ns
Mar-13	14.28	0.02	7.37	0.00	13.91	9.78	24.13	**69.49**	19.9/4.80	ND/ND
Total								**1,006.02**		

Note:
* Honeywell Inc. has been operating Aeration Well No. 2 (NHE-2) since 9/16/08, per Los Angeles Regional Water Quality Control Board clean-up and abatement order R4-2003-0037. Extraction from NHE-2 is currently being diverted to a sanitary sewer, and therefore does not enter the NHOU.
** Well No.3 was shut down in March 2013 due to elevated chromium concentrations.
ND: Not Detected
ns: Not Sampled

<u>Pollock Wells Treatment Plant (PWTP)</u>: PWTP was shut down from March to May 2012 to replace the spent granular activated carbon (GAC). The PWTP was shutdown, again, in October 2012 for GAC changeout and is scheduled to remain offline until August 2013 to allow for major facility upgrades.

Table 4-2 provides the volume of groundwater extracted by each well and treated through the liquid-phase GAC vessels for VOC removal. This table also provides the concentrations of TCE and PCE detected in the raw groundwater from the influent line before treatment. Water quality measurements from the treated effluent show that VOCs were effectively removed by the treatment process.

TABLE 4-2

GROUNDWATER TREATMENT FROM POLLOCK WELLS

(in acre-feet)

	Treatment (AF) from Pollock Wells			TCE/PCE (µg/L)	
Mon/Yr	**No. 4**	**No. 6**	**Total**	**Influent**	**Effluent**
Apr-12	0	0	**0**	ns	ns
May-12	18.20	0.01	**18.21**	ns	ns
Jun-12	126.90	92.67	**219.57**	4.97 / 5.65	ns
Jul-12	184.96	182.22	**367.18**	6.94 / 7.61	ND/ND
Aug-12	172.48	172.03	**344.51**	7.81 / 8.27	ND/ND
Sep-12	171.30	175.14	**346.44**	7.42 / 8.13	ND/ND
Oct-12	165.64	167.62	**333.26**	7.68 / 8.54	ND/ND
Nov-12	0	0	**0**	ns	ns
Dec-12	0	0	**0**	ns	ns
Jan-13	0	0	**0**	ns	ns
Feb-13	0	0	**0**	ns	ns
Mar-13	0	0	**0**	ns	ns
Total			**1,629.17**		

Note:
ND: Not Detected
ns: Not Sampled

<u>Tujunga Wells Treatment Plant (TWTP)</u>: The TWTP was shut down from February 15, 2011 to October 20, 2012 to proceed with facility maintenance and obtain a replacement contract for GAC media. The facility has been operating reliably since October 2012.

Table 4-3 provides the volume of groundwater extracted by each well and treated through the liquid-phase GAC vessels for VOC removal. This table also provides the concentrations of TCE and PCE detected in the raw groundwater from each wellhead before treatment. Water quality measurements from the treated effluent show that VOCs were effectively removed by the treatment process.

TABLE 4-3

GROUNDWATER TREATMENT FROM TUJUNGA WELLS

(in acre-feet)

	Tujunga Well No. 6			Tujunga Well No. 7			
	Treatment (AF)	TCE / PCE (µg/L)		Treatment (AF)	TCE / PCE (µg/L)		
Mon/Yr		**Influent**	**Effluent**		**Influent**	**Effluent**	**Treatment Totals**
Apr-12	0	ns	ns	0	ns	ns	**0**
May-12	0	ns	ns	0	ns	ns	**0**
Jun-12	0	ns	ns	0	ns	ns	**0**
Jul-12	0	ns	ns	0	ns	ns	**0**
Aug-12	0	ns	ns	0	ns	ns	**0**
Sep-12	0	ns	ns	0	ns	ns	**0**
Oct-12	443.16	38.4/43.1	ND/ND	407.28	35.8/31.6	ND/ND	**850.44**
Nov-12	525.90	28.4/31.6	ND/ND	491.85	26.3/24.6	ND/ND	**1,017.75**
Dec-12	432.78	26.8/29.2	ND/ND	412.01	21.0/21.2	ND/ND	**844.79**
Jan-13	463.04	21.4/24.7	ND/ND	434.39	15.7/17.1	ND/ND	**897.43**
Feb-13	563.73	18.8/22.8	ND/ND	528.63	17.5/12.7	ND/ND	**1,092.36**
Mar-13	529.20	17.1/19.9	ND/ND	486.25	27.0/15.0	ND/ND	**1,015.45**
Total							**5,718.22**

Note:
ND: Not Detected
ns: Not Sampled

Section 5: Plans For Facility Modifications

LADWP and the Los Angeles County Flood Control District (LACFCD), in cooperation with the City of Los Angeles Bureau of Engineering and Bureau of Sanitation, continue to partner on, jointly fund, and collaborate on several projects that will enhance the capacity for recharge of native water into the groundwater table via existing spreading grounds in the eastern portion of the San Fernando Basin. This section describes plans for modifying existing spreading facilities and plans for constructing new facilities to provide new opportunities for enhancing the recharge capacity in the San Fernando.

a.) Spreading Grounds:

Hansen Spreading Grounds: This 156-acre parcel is located adjacent to the Tujunga Wash Channel and just downstream of Hansen Dam. Phase 1 improvements combined and deepened the spreading basins at this facility and were completed in November 2009. Phase 2 will retrofit and automate the existing intake structure on Tujunga Wash, and is scheduled to be completed by Winter 2013. LADWP and LACFCD share equally in the $8.2 million cost for constructing this project, and it is expected that the project will increase average stormwater capture by 2,100 AFY.

Tujunga Spreading Grounds: Owned by LADWP and operated by LACFCD, the Tujunga Spreading Grounds is a 150-acre parcel located along the Tujunga Wash Channel at its confluence with the Pacoima Wash Channel. Plans are underway to enhance the facility by relocating and automating the current intake structure on Tujunga Wash, installing a second automated intake to receive flows from the Pacoima Wash, and reconfiguring the existing spreading basins. Other enhancements include constructing and/or improving recreational walking trails, native habitat, and educational facilities on property not needed for the primary function of stormwater capture. These improvements will greatly increase stormwater capture and subsequent groundwater recharge while improving flood protection, water quality, and open space attributes.

Design of this project is scheduled to be completed by Winter 2013, whereas construction is to occur from 2014 through 2016. It is expected that this project will increase annual stormwater capture by 8,000 AFY. LADWP will provide $20 million to the LACFCD to construct the project.

Pacoima Spreading Grounds: The 169-acre Pacoima Spreading Grounds, owned and operated by LACFCD, is located on both sides of the old Pacoima Wash Channel downstream of the Pacoima Dam and Reservoir. LADWP and LACFCD are currently working cooperatively to improve stormwater capture by upgrading and automating the intake facility and revitalizing the recharge basins.

This project is expected to increase average annual stormwater capture by 2,000 AFY. Final designs are scheduled to be completed by spring 2013, and are to be followed by construction in 2014 through 2016. LADWP will provide up to $15 million for design and construction of the $30 million project.

Lopez Spreading Grounds: The Lopez Spreading Grounds Enhancement Project consolidates the six existing spreading basins into two deeper basins that would increase storage capacity from 24 AF to a total of 175 AF. Flow would be diverted from Pacoima Wash to the reconfigured basins using a new rubber dam diversion. This project will increase recharge by approximately 750 AFY. The final concept report and design is scheduled for completion by the end of 2013. Pending the allocation of funds to build the project, construction may begin as early as 2014.

Branford Spreading Basin: Most of the water tributary to this spreading basin is urban runoff from Branford Street Channel. The total wetted area of the spreading grounds is 7 acres with a maximum intake of 1,540 cfs and storage capacity of 137 AF. Average annual recharge for the facility is approximately 552 AF based on LA County historical record. A project to revitalize the use of this basin for stormwater capture and recharge is scheduled to be completed by 2018. These improvements are expected to yield an additional 500 AFY of recharge.

Headworks Spreading Grounds: Historically, water from the LA River was diverted into Headworks Spreading Grounds; however it ceased operating as a groundwater recharge site in the mid-1980s when the Tillman Water Reclamation Plant began discharging treated effluent into the Los Angeles River, upstream of Headworks. The site is now being prepared for a multi-phased construction project, which includes a 110-million gallon buried concrete reservoir. This reservoir will replace the operational storage capacity of Silver Lake and Ivanhoe Reservoirs.

Strathern Pit: Strathern Wetlands Park Project consists of constructing stormwater capture and treatment facilities within the bounds of a 46-acre site formerly used as a gravel pit. This project will construct detention ponds and wetlands to store and treat stormwater runoff. The treated flows will then be pumped to the adjacent Sun Valley Park for infiltration in the underground basins. In addition to increased groundwater recharge, flood protection, and water quality improvements, the project will include habitat restoration and recreational opportunities.

The project benefits are: 1) average annual water supply benefit estimated at 550 AFY; 2) reduced peak flows and improved water quality downstream in the Tujunga Wash and Los Angeles River channels; and 3) open space enhancements including active and passive recreation, habitat, and educational trails. Design is at 60 percent and is estimated to be completed by Fall 2013. Construction is scheduled to begin in 2014.

b.) Groundwater Treatment Facilities:

North Hollywood Operable Unit (NHOU): Since the 1980 discovery of volatile organic compounds (VOC) in the San Fernando Basin groundwater supply, LADWP has worked with state and federal agencies to contain and remediate the high-concentration plumes in the North Hollywood area. With 90 percent funding provided by the United States Environmental Protection Agency (USEPA) and 10 percent funding provided by the California Department of Public Health, the NHOU was designed and implemented to contain and remove the VOC contamination at a total groundwater pumping rate of 2,000 gpm. This system consisted of seven extraction wells and an air-stripping tower with vapor-phase granular activated carbon for control of air emissions. An eighth extraction well has been dry and, hence, never operated as part of the remedy. Unfortunately this NHOU remedy has failed to fully contain the plumes, resulting in contaminants escaping the containment areas and forcing the closure of other nearby LADWP water supply wells.

Newly emerging constituents have been detected in the operable unit extraction wells, such as hexavalent chromium and 1,4-dioxane, for which the remedy was not designed to remove. Concentrations of hexavalent chromium in excess of 400 micrograms per liter (ug/L) have forced the closure of extraction well NHE-2 and since 2009 the effluent has been diverted to the sanitary sewer. Concentrations for this contaminant have also recently spiked in NHE-3 and now exceed the maximum contaminant level (MCL) of 50 ug/L set by the California regulatory agencies for total chromium.

NHE-3 has been closed as a result of the Cr6 pending additional direction from USEPA and the RWQCB. The remedy has also become increasingly unreliable due to equipment failures and deteriorating infrastructure, resulting in numerous plant shutdowns. In 2011 and 2012, the plant was shut down for 80 days and 171 days, respectively.

These problems have clearly shown the urgent need for a new remedy that is able to address the emerging contaminants, adequately contain the plumes, and prevent contaminants from escaping to other areas outside the containment zones. USEPA's 15-year Consent Decree expired on December 31, 2004 and LADWP is working with this agency on the new remedy. The Record of Decision (ROD) for the NHOU Second Interim Remedy (NHOU2IR) was issued during September 2009. It is expected that this new remedy will include the deepening of several extraction wells, addition of more extraction wells, and a new treatment facility designed to remove VOCs, chromium, 1,4 dioxane and other contaminants of concern. However, this remedy will focus on containing and removing only the highest concentrations of contaminant mass which exceed 10 times the MCL. More needs to be done to remove contaminant mass that are lower in concentration, yet still exceeding the state and federal MCLs.

To address the increasing levels of hexavalent chromium, the Los Angeles Regional Water Quality Control Board (LARWQCB), issued a Cleanup and Abatement Order (CAO) to the responsible party, Honeywell Inc. Under this CAO, Honeywell took over operating NHE-2 to contain the plume by treating the water and discharging the effluent to the local sewer system while evaluating remedial alternatives. During the 2011-12 Water Year, 171 AF of groundwater was discharged to the sanitary sewer. Hexavalent chromium levels are decreasing at NHE-2, but the levels are increasing at the down gradient extraction well NHE-3 and now exceed the MCL of 50 ug/L per California regulations.

Although NHE-2 is being operated under the CAO by Honeywell, LADWP continues to operate and maintain the facility under the direction of USEPA pursuant to a Cooperative Agreement between the two parties. Current operations include use of five of the seven extraction wells.

c.) Recycled Water Projects:

Water Recycling Projects in the San Fernando Valley: LADWP's Recycled Water Master Planning (RWMP) documents are a series of draft reports that identify opportunities to use recycled water for groundwater replenishment (GWR), and/or non-potable reuse. These RWMP documents are comprised of the following reports:

- Groundwater Replenishment Master Planning Report
- Groundwater Replenishment Treatment Pilot Study
- Non-Potable Reuse Master Planning Report
- Terminal Island Water Reclamation Plant Supplement, and Non-Potable Reuse Concepts Report
- Long-Term Concepts Report

LADWP's most recent Urban Water Management Plan (2010 UWMP) established a goal of increasing recycled water use within the City of Los Angeles to 59,000 AFY by the year 2035. Of this 59,000 AFY, LADWP expects to deliver as much as 29,000 AF of recycled water annually for non-potable reuse within the City of Los Angeles, which includes 5,212 AFY to customers within the San Fernando Basin originating from the Donald C. Tillman (DCT) and LA Glendale (LAG) water reclamation plants. This provides 3,788 AFY of recycled water for irrigation and 1,424 AFY for industrial cooling. Construction of pipelines to supply Valley Presbyterian Hospital and Van Nuys High School with recycled water was completed in February 2010. In late2010, LADWP began supplying recycled water to the Van Nuys High School for irrigation uses to meet an expected onsite demand of 30 AFY. Staff continues to work with Valley Presbyterian Hospital personnel on their on-site conversion to recycled water.

Distribution facilities are also being designed to deliver approximately 200 AFY and 500 AFY of recycled water to Woodley Park and to the Hansen Dam Golf Course, respectively. Woodley Park began irrigating with recycled water in 2012, and the facilities for Hansen Golf Course will be constructed and in service by the middle of 2013.

LADWP has added the following customers to its recycled water customer portfolio for the period October 1, 2011 to Sept 30, 2012. These customers will utilize recycled water obtained from the two reclamation plants in SFB.

Customer	On Date	Use Type	Expected Annual Use	Source
LA Media Center	10/31/2012	Irrigation	10 AF	LAG
Woodley Park Phase I	9/19/2012	Irrigation	150 AF	DCT
LA Community College N.E. Campus	6/26/2012	Irrigation	2 AF	LAG
Gibson Ranch	5/8/2012	Dust Control	2 AF	DCT

Los Angeles has entered into agreements with the City of Burbank (Burbank) to provide groundwater storage credits in exchange for recycled water delivery from Burbank. These agreements include expanding Burbank's recycled water distribution system to the city boundary where Los Angeles will receive the recycled water for distribution to potential recycled water customers. Per the agreements, Burbank would deliver up to 1,500 AFY of recycled water to Los Angeles, once all proposed infrastructure improvements are completed.

In November of 2012, LADWP finalized an agreement to establish additional connections to the City of Glendale's water reclamation pipeline originating from LAG. This will facilitate conversion of several customer sites in the LAG area including Atwater Park, Chevy Chase Park, and Los Feliz Golf Course, all of which are maintained by Los Angeles Department of Recreation and Parks.

LADWP has facilitated successful approval and use of recycled water via water truck for permanent dust control at the Gibson Ranch in Sunland. This water comes from one of a dozen fill stations on LADWP's recycled water system. There are potentially dozens of customers who are interested in this application and LADWP expects to add many more customers, as well as expand its fill station network.

APPENDIX A:
Water Quality Sampling Results,
April 2012 through March 2013

SAN FERNANDO AND SYLAMR BASINS WELL FIELDS
NITRATE AS (NO3), PCE, TCE, PERCHLORATE, CHROMIUM, IRON, MANGANESE
1,2-DICHLOROETHENE-CIS, CARBON TETRACHLORIDE, TOTAL COLIFORM
1,1- DCA, 1,1-DCE, 1,4-DIOXANE, BROMIDE, AND MTBE CONCENTRATIONS
SAMPLES TAKEN BETWEEN 4/1/2012 AND 3/31/2013

Location Code	Analyte Name	Result	Collection Date	Unit
AT002	1,1-Dichloroethane (1,1-DCA)	0.733	26-Apr-12	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.66	21-May-12	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.729	27-Jun-12	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.685	23-Jul-12	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.622	22-Aug-12	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.92	04-Oct-12	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.552	25-Mar-13	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	9.2	26-Apr-12	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	8.93	21-May-12	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	9.04	27-Jun-12	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	9.12	23-Jul-12	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	9.05	22-Aug-12	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	9.95	04-Oct-12	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	11.6	25-Mar-13	µg/L
AT002	1,2-Dichloroethene-cis	3.53	26-Apr-12	µg/L
AT002	1,2-Dichloroethene-cis	3.37	21-May-12	µg/L
AT002	1,2-Dichloroethene-cis	3.57	27-Jun-12	µg/L
AT002	1,2-Dichloroethene-cis	3.2	23-Jul-12	µg/L
AT002	1,2-Dichloroethene-cis	2.94	22-Aug-12	µg/L
AT002	1,2-Dichloroethene-cis	4.95	04-Oct-12	µg/L
AT002	1,2-Dichloroethene-cis	3.26	25-Mar-13	µg/L
AT002	1,4-Dioxane	2.43	17-Apr-12	ug/L
AT002	1,4-Dioxane	2.4	16-May-12	ug/L
AT002	1,4-Dioxane	2.51	27-Jun-12	ug/L
AT002	1,4-Dioxane	2.43	17-Jul-12	ug/L
AT002	1,4-Dioxane	2.53	22-Aug-12	ug/L
AT002	1,4-Dioxane	2.92	04-Oct-12	ug/L
AT002	1,4-Dioxane	3.43	25-Mar-13	ug/L
AT002	Carbon tetrachloride	1.01	26-Apr-12	µg/L
AT002	Carbon tetrachloride	1.04	21-May-12	µg/L
AT002	Carbon tetrachloride	1.22	27-Jun-12	µg/L
AT002	Carbon tetrachloride	1.04	23-Jul-12	µg/L
AT002	Carbon tetrachloride	1.09	22-Aug-12	µg/L
AT002	Carbon tetrachloride	1.08	04-Oct-12	µg/L
AT002	Carbon tetrachloride	1.05	25-Mar-13	µg/L
AT002	Chromium (Cr) Total, ICP/MS	53.9	26-Apr-12	ug/L
AT002	Chromium (Cr) Total, ICP/MS	51.5	21-May-12	ug/L
AT002	Chromium (Cr) Total, ICP/MS	45	27-Jun-12	ug/L
AT002	Chromium (Cr) Total, ICP/MS	48.3	23-Jul-12	ug/L
AT002	Chromium (Cr) Total, ICP/MS	41.8	22-Aug-12	ug/L
AT002	Chromium (Cr) Total, ICP/MS	46.4	04-Oct-12	ug/L
AT002	Chromium (Cr) Total, ICP/MS	38.2	25-Mar-13	ug/L
AT002	Chromium (Cr+6) ,Diphenylcarbazide col	53.3	26-Apr-12	µg/L
AT002	Chromium (Cr+6) ,Diphenylcarbazide col	50.6	21-May-12	µg/L
AT002	Chromium (Cr+6) ,Diphenylcarbazide col	50.7	27-Jun-12	µg/L
AT002	Chromium (Cr+6) ,Diphenylcarbazide col	45.6	23-Jul-12	µg/L
AT002	Chromium (Cr+6) ,Diphenylcarbazide col	43.3	22-Aug-12	µg/L
AT002	Chromium (Cr+6) ,Diphenylcarbazide col	43.1	04-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT002	Chromium (Cr+6) ,Diphenylcarbazide col	39.1	25-Mar-13	µg/L
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-May-12	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Jun-12	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Jul-12	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Aug-12	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Oct-12	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Mar-13	NUM/100ml
AT002	Methyl-t-butyl ether (MTBE)	ND	26-Apr-12	µg/L
AT002	Methyl-t-butyl ether (MTBE)	ND	21-May-12	µg/L
AT002	Methyl-t-butyl ether (MTBE)	ND	27-Jun-12	µg/L
AT002	Methyl-t-butyl ether (MTBE)	ND	23-Jul-12	µg/L
AT002	Methyl-t-butyl ether (MTBE)	ND	22-Aug-12	µg/L
AT002	Methyl-t-butyl ether (MTBE)	ND	04-Oct-12	µg/L
AT002	Methyl-t-butyl ether (MTBE)	ND	25-Mar-13	µg/L
AT002	Nitrate (as NO3) ,calculated IC value	37	26-Apr-12	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	38	21-May-12	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	38.1	27-Jun-12	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	38.8	23-Jul-12	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	40.4	22-Aug-12	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	37.6	04-Oct-12	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	41.6	25-Mar-13	mg/L
AT002	Perchlorate	ND	26-Apr-12	µg/L
AT002	Perchlorate	ND	21-May-12	µg/L
AT002	Perchlorate	ND	27-Jun-12	µg/L
AT002	Perchlorate	ND	23-Jul-12	µg/L
AT002	Perchlorate	2.28	22-Aug-12	µg/L
AT002	Perchlorate	ND	04-Oct-12	µg/L
AT002	Perchlorate	ND	25-Mar-13	µg/L
AT002	Tetrachloroethylene (PCE)	30.8	26-Apr-12	µg/L
AT002	Tetrachloroethylene (PCE)	31.9	21-May-12	µg/L
AT002	Tetrachloroethylene (PCE)	33	27-Jun-12	µg/L
AT002	Tetrachloroethylene (PCE)	28.8	23-Jul-12	µg/L
AT002	Tetrachloroethylene (PCE)	33.2	22-Aug-12	µg/L
AT002	Tetrachloroethylene (PCE)	31	04-Oct-12	µg/L
AT002	Tetrachloroethylene (PCE)	37.3	25-Mar-13	µg/L
AT002	Trichloroethene (TCE)	164	26-Apr-12	µg/L
AT002	Trichloroethene (TCE)	164	21-May-12	µg/L
AT002	Trichloroethene (TCE)	162	27-Jun-12	µg/L
AT002	Trichloroethene (TCE)	148	23-Jul-12	µg/L
AT002	Trichloroethene (TCE)	142	22-Aug-12	µg/L
AT002	Trichloroethene (TCE)	162	04-Oct-12	µg/L
AT002	Trichloroethene (TCE)	176	25-Mar-13	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.08	26-Apr-12	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.07	21-May-12	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.32	27-Jun-12	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.34	23-Jul-12	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.31	29-Aug-12	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.66	04-Oct-12	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	2.51	25-Mar-13	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	3.39	26-Apr-12	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	3.32	21-May-12	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.86	27-Jun-12	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.87	23-Jul-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT003	1,1-Dichloroethene (1,1-DCE)	4.8	29-Aug-12	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	6.15	04-Oct-12	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	5.41	25-Mar-13	µg/L
AT003	1,2-Dichloroethene-cis	3.24	26-Apr-12	µg/L
AT003	1,2-Dichloroethene-cis	3.23	21-May-12	µg/L
AT003	1,2-Dichloroethene-cis	3.79	27-Jun-12	µg/L
AT003	1,2-Dichloroethene-cis	3.68	23-Jul-12	µg/L
AT003	1,2-Dichloroethene-cis	3.34	29-Aug-12	µg/L
AT003	1,2-Dichloroethene-cis	4.66	04-Oct-12	µg/L
AT003	1,2-Dichloroethene-cis	7.41	25-Mar-13	µg/L
AT003	1,4-Dioxane	1.63	17-Apr-12	ug/L
AT003	1,4-Dioxane	1.8	16-May-12	ug/L
AT003	1,4-Dioxane	1.95	27-Jun-12	ug/L
AT003	1,4-Dioxane	1.98	17-Jul-12	ug/L
AT003	1,4-Dioxane	2	29-Aug-12	ug/L
AT003	1,4-Dioxane	2.41	04-Oct-12	ug/L
AT003	1,4-Dioxane	5.52	25-Mar-13	ug/L
AT003	Carbon tetrachloride	0.377	26-Apr-12	µg/L
AT003	Carbon tetrachloride	0.363	21-May-12	µg/L
AT003	Carbon tetrachloride	0.482	27-Jun-12	µg/L
AT003	Carbon tetrachloride	0.431	23-Jul-12	µg/L
AT003	Carbon tetrachloride	0.464	29-Aug-12	µg/L
AT003	Carbon tetrachloride	0.542	04-Oct-12	µg/L
AT003	Carbon tetrachloride	0.486	25-Mar-13	µg/L
AT003	Chromium (Cr) Total, ICP/MS	20.4	26-Apr-12	ug/L
AT003	Chromium (Cr) Total, ICP/MS	22.7	21-May-12	ug/L
AT003	Chromium (Cr) Total, ICP/MS	26.4	27-Jun-12	ug/L
AT003	Chromium (Cr) Total, ICP/MS	34.8	23-Jul-12	ug/L
AT003	Chromium (Cr) Total, ICP/MS	42.3	29-Aug-12	ug/L
AT003	Chromium (Cr) Total, ICP/MS	52	04-Oct-12	ug/L
AT003	Chromium (Cr) Total, ICP/MS	168	25-Mar-13	ug/L
AT003	Chromium (Cr+6) ,Diphenylcarbazide col	20	26-Apr-12	µg/L
AT003	Chromium (Cr+6) ,Diphenylcarbazide col	23.2	21-May-12	µg/L
AT003	Chromium (Cr+6) ,Diphenylcarbazide col	29.6	27-Jun-12	µg/L
AT003	Chromium (Cr+6) ,Diphenylcarbazide col	33.8	23-Jul-12	µg/L
AT003	Chromium (Cr+6) ,Diphenylcarbazide col	43.6	29-Aug-12	µg/L
AT003	Chromium (Cr+6) ,Diphenylcarbazide col	51.5	04-Oct-12	µg/L
AT003	Chromium (Cr+6) ,Diphenylcarbazide col	163	25-Mar-13	µg/L
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-May-12	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Jun-12	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Jul-12	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Aug-12	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Oct-12	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Mar-13	NUM/100ml
AT003	Methyl-t-butyl ether (MTBE)	ND	26-Apr-12	µg/L
AT003	Methyl-t-butyl ether (MTBE)	ND	21-May-12	µg/L
AT003	Methyl-t-butyl ether (MTBE)	ND	27-Jun-12	µg/L
AT003	Methyl-t-butyl ether (MTBE)	ND	23-Jul-12	µg/L
AT003	Methyl-t-butyl ether (MTBE)	ND	29-Aug-12	µg/L
AT003	Methyl-t-butyl ether (MTBE)	ND	04-Oct-12	µg/L
AT003	Methyl-t-butyl ether (MTBE)	ND	25-Mar-13	µg/L
AT003	Nitrate (as NO3) ,calculated IC value	27.3	26-Apr-12	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	28.4	21-May-12	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	30.5	27-Jun-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT003	Nitrate (as NO3) ,calculated IC value	31.5	23-Jul-12	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	32	29-Aug-12	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	30.6	04-Oct-12	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	33.8	25-Mar-13	mg/L
AT003	Perchlorate	ND	26-Apr-12	µg/L
AT003	Perchlorate	ND	21-May-12	µg/L
AT003	Perchlorate	ND	27-Jun-12	µg/L
AT003	Perchlorate	ND	23-Jul-12	µg/L
AT003	Perchlorate	ND	29-Aug-12	µg/L
AT003	Perchlorate	ND	04-Oct-12	µg/L
AT003	Perchlorate	ND	25-Mar-13	µg/L
AT003	Tetrachloroethylene (PCE)	7.08	26-Apr-12	µg/L
AT003	Tetrachloroethylene (PCE)	7.45	21-May-12	µg/L
AT003	Tetrachloroethylene (PCE)	9	27-Jun-12	µg/L
AT003	Tetrachloroethylene (PCE)	8.56	23-Jul-12	µg/L
AT003	Tetrachloroethylene (PCE)	10.8	29-Aug-12	µg/L
AT003	Tetrachloroethylene (PCE)	10.5	04-Oct-12	µg/L
AT003	Tetrachloroethylene (PCE)	9.61	25-Mar-13	µg/L
AT003	Trichloroethene (TCE)	75	26-Apr-12	µg/L
AT003	Trichloroethene (TCE)	77.9	21-May-12	µg/L
AT003	Trichloroethene (TCE)	82.6	27-Jun-12	µg/L
AT003	Trichloroethene (TCE)	79	23-Jul-12	µg/L
AT003	Trichloroethene (TCE)	85.5	29-Aug-12	µg/L
AT003	Trichloroethene (TCE)	94.2	04-Oct-12	µg/L
AT003	Trichloroethene (TCE)	116	25-Mar-13	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	ND	26-Apr-12	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	ND	21-May-12	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	ND	27-Jun-12	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	ND	23-Jul-12	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.513	29-Aug-12	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	ND	04-Oct-12	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	ND	25-Mar-13	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	ND	26-Apr-12	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	ND	21-May-12	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	ND	27-Jun-12	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	ND	23-Jul-12	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	ND	29-Aug-12	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	ND	04-Oct-12	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	ND	25-Mar-13	µg/L
AT004	1,2-Dichloroethene-cis	1.69	26-Apr-12	µg/L
AT004	1,2-Dichloroethene-cis	1.64	21-May-12	µg/L
AT004	1,2-Dichloroethene-cis	2.18	27-Jun-12	µg/L
AT004	1,2-Dichloroethene-cis	2.35	23-Jul-12	µg/L
AT004	1,2-Dichloroethene-cis	2.48	29-Aug-12	µg/L
AT004	1,2-Dichloroethene-cis	2.27	04-Oct-12	µg/L
AT004	1,2-Dichloroethene-cis	1.75	25-Mar-13	µg/L
AT004	1,4-Dioxane	ND	17-Apr-12	ug/L
AT004	1,4-Dioxane	ND	16-May-12	ug/L
AT004	1,4-Dioxane	1.06	27-Jun-12	ug/L
AT004	1,4-Dioxane	1.15	17-Jul-12	ug/L
AT004	1,4-Dioxane	1.13	29-Aug-12	ug/L
AT004	1,4-Dioxane	1.03	04-Oct-12	ug/L
AT004	1,4-Dioxane	1.01	25-Mar-13	ug/L
AT004	Bromide ,Ion-Chromatography	0.118	26-Apr-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT004	Carbon tetrachloride	ND	26-Apr-12	µg/L
AT004	Carbon tetrachloride	ND	21-May-12	µg/L
AT004	Carbon tetrachloride	ND	27-Jun-12	µg/L
AT004	Carbon tetrachloride	ND	23-Jul-12	µg/L
AT004	Carbon tetrachloride	ND	29-Aug-12	µg/L
AT004	Carbon tetrachloride	ND	04-Oct-12	µg/L
AT004	Carbon tetrachloride	ND	25-Mar-13	µg/L
AT004	Chromium (Cr) Total, ICP/MS	3.9	26-Apr-12	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4	21-May-12	ug/L
AT004	Chromium (Cr) Total, ICP/MS	3.9	27-Jun-12	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.5	23-Jul-12	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.2	29-Aug-12	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.6	04-Oct-12	ug/L
AT004	Chromium (Cr) Total, ICP/MS	5.2	25-Mar-13	ug/L
AT004	Chromium (Cr+6) ,Diphenylcarbazide col	3.84	26-Apr-12	µg/L
AT004	Chromium (Cr+6) ,Diphenylcarbazide col	3.94	21-May-12	µg/L
AT004	Chromium (Cr+6) ,Diphenylcarbazide col	4.06	27-Jun-12	µg/L
AT004	Chromium (Cr+6) ,Diphenylcarbazide col	4.02	23-Jul-12	µg/L
AT004	Chromium (Cr+6) ,Diphenylcarbazide col	4.37	29-Aug-12	µg/L
AT004	Chromium (Cr+6) ,Diphenylcarbazide col	4.71	04-Oct-12	µg/L
AT004	Chromium (Cr+6) ,Diphenylcarbazide col	5.39	25-Mar-13	µg/L
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-May-12	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Jun-12	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Jul-12	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Aug-12	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Oct-12	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Mar-13	NUM/100ml
AT004	Methyl-t-butyl ether (MTBE)	ND	26-Apr-12	µg/L
AT004	Methyl-t-butyl ether (MTBE)	ND	21-May-12	µg/L
AT004	Methyl-t-butyl ether (MTBE)	ND	27-Jun-12	µg/L
AT004	Methyl-t-butyl ether (MTBE)	ND	23-Jul-12	µg/L
AT004	Methyl-t-butyl ether (MTBE)	ND	29-Aug-12	µg/L
AT004	Methyl-t-butyl ether (MTBE)	ND	04-Oct-12	µg/L
AT004	Methyl-t-butyl ether (MTBE)	ND	25-Mar-13	µg/L
AT004	Nitrate (as NO3) ,calculated IC value	18.7	26-Apr-12	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	19	21-May-12	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	20	27-Jun-12	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	21	23-Jul-12	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	22	29-Aug-12	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	22.2	04-Oct-12	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	21.7	25-Mar-13	mg/L
AT004	Perchlorate	ND	26-Apr-12	µg/L
AT004	Perchlorate	ND	21-May-12	µg/L
AT004	Perchlorate	ND	27-Jun-12	µg/L
AT004	Perchlorate	ND	23-Jul-12	µg/L
AT004	Perchlorate	ND	29-Aug-12	µg/L
AT004	Perchlorate	ND	04-Oct-12	µg/L
AT004	Perchlorate	ND	25-Mar-13	µg/L
AT004	Tetrachloroethylene (PCE)	3.41	26-Apr-12	µg/L
AT004	Tetrachloroethylene (PCE)	3.45	21-May-12	µg/L
AT004	Tetrachloroethylene (PCE)	3.97	27-Jun-12	µg/L
AT004	Tetrachloroethylene (PCE)	4.2	23-Jul-12	µg/L
AT004	Tetrachloroethylene (PCE)	4.57	29-Aug-12	µg/L
AT004	Tetrachloroethylene (PCE)	4.17	04-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT004	Tetrachloroethylene (PCE)	2.28	25-Mar-13	µg/L
AT004	Trichloroethene (TCE)	11.2	26-Apr-12	µg/L
AT004	Trichloroethene (TCE)	10.9	21-May-12	µg/L
AT004	Trichloroethene (TCE)	12.5	27-Jun-12	µg/L
AT004	Trichloroethene (TCE)	13	23-Jul-12	µg/L
AT004	Trichloroethene (TCE)	13.8	29-Aug-12	µg/L
AT004	Trichloroethene (TCE)	14.4	04-Oct-12	µg/L
AT004	Trichloroethene (TCE)	11.3	25-Mar-13	µg/L
AT005	1,1-Dichloroethane (1,1-DCA)	0.934	25-Mar-13	µg/L
AT005	1,1-Dichloroethene (1,1-DCE)	ND	25-Mar-13	µg/L
AT005	1,2-Dichloroethene-cis	4.75	25-Mar-13	µg/L
AT005	1,4-Dioxane	2.28	25-Mar-13	ug/L
AT005	Carbon tetrachloride	ND	25-Mar-13	µg/L
AT005	Chromium (Cr) Total, ICP/MS	3.8	25-Mar-13	ug/L
AT005	Chromium (Cr+6) ,Diphenylcarbazide col	0.66	25-Mar-13	µg/L
AT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Mar-13	NUM/100ml
AT005	Methyl-t-butyl ether (MTBE)	ND	25-Mar-13	µg/L
AT005	Nitrate (as NO3) ,calculated IC value	30.2	25-Mar-13	mg/L
AT005	Perchlorate	ND	25-Mar-13	µg/L
AT005	Tetrachloroethylene (PCE)	9.04	25-Mar-13	µg/L
AT005	Trichloroethene (TCE)	10.5	25-Mar-13	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	ND	26-Apr-12	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	ND	21-May-12	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	ND	29-Aug-12	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	ND	04-Oct-12	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	ND	25-Mar-13	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	ND	26-Apr-12	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	ND	21-May-12	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	ND	29-Aug-12	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	ND	04-Oct-12	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	ND	25-Mar-13	µg/L
AT006	1,2-Dichloroethene-cis	0.766	26-Apr-12	µg/L
AT006	1,2-Dichloroethene-cis	0.765	21-May-12	µg/L
AT006	1,2-Dichloroethene-cis	0.88	29-Aug-12	µg/L
AT006	1,2-Dichloroethene-cis	0.806	04-Oct-12	µg/L
AT006	1,2-Dichloroethene-cis	0.606	25-Mar-13	µg/L
AT006	1,4-Dioxane	ND	17-Apr-12	ug/L
AT006	1,4-Dioxane	ND	16-May-12	ug/L
AT006	1,4-Dioxane	ND	29-Aug-12	ug/L
AT006	1,4-Dioxane	ND	04-Oct-12	ug/L
AT006	1,4-Dioxane	ND	25-Mar-13	ug/L
AT006	Carbon tetrachloride	ND	26-Apr-12	µg/L
AT006	Carbon tetrachloride	ND	21-May-12	µg/L
AT006	Carbon tetrachloride	ND	29-Aug-12	µg/L
AT006	Carbon tetrachloride	ND	04-Oct-12	µg/L
AT006	Carbon tetrachloride	ND	25-Mar-13	µg/L
AT006	Chromium (Cr) Total, ICP/MS	3	26-Apr-12	ug/L
AT006	Chromium (Cr) Total, ICP/MS	2.9	21-May-12	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.4	29-Aug-12	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3	04-Oct-12	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.1	25-Mar-13	ug/L
AT006	Chromium (Cr+6) ,Diphenylcarbazide col	2.91	26-Apr-12	µg/L
AT006	Chromium (Cr+6) ,Diphenylcarbazide col	3	21-May-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT006	Chromium (Cr+6) ,Diphenylcarbazide col	3.42	29-Aug-12	µg/L
AT006	Chromium (Cr+6) ,Diphenylcarbazide col	3.06	04-Oct-12	µg/L
AT006	Chromium (Cr+6) ,Diphenylcarbazide col	2.88	25-Mar-13	µg/L
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-May-12	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Aug-12	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Oct-12	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Mar-13	NUM/100ml
AT006	Methyl-t-butyl ether (MTBE)	ND	26-Apr-12	µg/L
AT006	Methyl-t-butyl ether (MTBE)	ND	21-May-12	µg/L
AT006	Methyl-t-butyl ether (MTBE)	ND	29-Aug-12	µg/L
AT006	Methyl-t-butyl ether (MTBE)	ND	04-Oct-12	µg/L
AT006	Methyl-t-butyl ether (MTBE)	ND	25-Mar-13	µg/L
AT006	Nitrate (as NO3) ,calculated IC value	15.2	26-Apr-12	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	15.1	21-May-12	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	15.4	29-Aug-12	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	13.4	04-Oct-12	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	11.6	25-Mar-13	mg/L
AT006	Perchlorate	ND	26-Apr-12	µg/L
AT006	Perchlorate	ND	21-May-12	µg/L
AT006	Perchlorate	ND	29-Aug-12	µg/L
AT006	Perchlorate	ND	04-Oct-12	µg/L
AT006	Perchlorate	ND	25-Mar-13	µg/L
AT006	Tetrachloroethylene (PCE)	4.44	26-Apr-12	µg/L
AT006	Tetrachloroethylene (PCE)	4.68	21-May-12	µg/L
AT006	Tetrachloroethylene (PCE)	4.5	29-Aug-12	µg/L
AT006	Tetrachloroethylene (PCE)	3.83	04-Oct-12	µg/L
AT006	Tetrachloroethylene (PCE)	2.25	25-Mar-13	µg/L
AT006	Trichloroethene (TCE)	8.04	26-Apr-12	µg/L
AT006	Trichloroethene (TCE)	8.9	21-May-12	µg/L
AT006	Trichloroethene (TCE)	8.62	29-Aug-12	µg/L
AT006	Trichloroethene (TCE)	7.19	04-Oct-12	µg/L
AT006	Trichloroethene (TCE)	4.55	25-Mar-13	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.777	26-Apr-12	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.734	21-May-12	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.669	27-Jun-12	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.768	23-Jul-12	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.707	29-Aug-12	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.986	04-Oct-12	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.9	25-Mar-13	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.579	26-Apr-12	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.585	21-May-12	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.8	27-Jun-12	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.835	23-Jul-12	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.778	29-Aug-12	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.511	04-Oct-12	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.679	25-Mar-13	µg/L
AT007	1,2-Dichloroethene-cis	0.556	26-Apr-12	µg/L
AT007	1,2-Dichloroethene-cis	0.553	21-May-12	µg/L
AT007	1,2-Dichloroethene-cis	0.52	27-Jun-12	µg/L
AT007	1,2-Dichloroethene-cis	0.599	23-Jul-12	µg/L
AT007	1,2-Dichloroethene-cis	0.538	29-Aug-12	µg/L
AT007	1,2-Dichloroethene-cis	0.535	04-Oct-12	µg/L
AT007	1,2-Dichloroethene-cis	0.625	25-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT007	1,4-Dioxane	1.18	17-Apr-12	ug/L
AT007	1,4-Dioxane	1.18	16-May-12	ug/L
AT007	1,4-Dioxane	1.37	27-Jun-12	ug/L
AT007	1,4-Dioxane	1.34	17-Jul-12	ug/L
AT007	1,4-Dioxane	1.35	29-Aug-12	ug/L
AT007	1,4-Dioxane	ND	04-Oct-12	ug/L
AT007	1,4-Dioxane	ND	25-Mar-13	ug/L
AT007	Bromide ,Ion-Chromatography	0.158	21-May-12	mg/L
AT007	Carbon tetrachloride	0.288	26-Apr-12	µg/L
AT007	Carbon tetrachloride	0.269	21-May-12	µg/L
AT007	Carbon tetrachloride	0.372	27-Jun-12	µg/L
AT007	Carbon tetrachloride	0.344	23-Jul-12	µg/L
AT007	Carbon tetrachloride	0.316	29-Aug-12	µg/L
AT007	Carbon tetrachloride	ND	04-Oct-12	µg/L
AT007	Carbon tetrachloride	ND	25-Mar-13	µg/L
AT007	Chromium (Cr) Total, ICP/MS	ND	26-Apr-12	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1	21-May-12	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.2	27-Jun-12	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.3	23-Jul-12	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.1	29-Aug-12	ug/L
AT007	Chromium (Cr) Total, ICP/MS	ND	04-Oct-12	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1	25-Mar-13	ug/L
AT007	Chromium (Cr+6) ,Diphenylcarbazide col	0.88	26-Apr-12	µg/L
AT007	Chromium (Cr+6) ,Diphenylcarbazide col	0.91	21-May-12	µg/L
AT007	Chromium (Cr+6) ,Diphenylcarbazide col	0.99	27-Jun-12	µg/L
AT007	Chromium (Cr+6) ,Diphenylcarbazide col	1.01	23-Jul-12	µg/L
AT007	Chromium (Cr+6) ,Diphenylcarbazide col	1.08	29-Aug-12	µg/L
AT007	Chromium (Cr+6) ,Diphenylcarbazide col	0.86	04-Oct-12	µg/L
AT007	Chromium (Cr+6) ,Diphenylcarbazide col	0.84	25-Mar-13	µg/L
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-May-12	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Jun-12	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Jul-12	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Aug-12	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Oct-12	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Mar-13	NUM/100ml
AT007	Methyl-t-butyl ether (MTBE)	ND	26-Apr-12	µg/L
AT007	Methyl-t-butyl ether (MTBE)	ND	21-May-12	µg/L
AT007	Methyl-t-butyl ether (MTBE)	ND	27-Jun-12	µg/L
AT007	Methyl-t-butyl ether (MTBE)	ND	23-Jul-12	µg/L
AT007	Methyl-t-butyl ether (MTBE)	ND	29-Aug-12	µg/L
AT007	Methyl-t-butyl ether (MTBE)	ND	04-Oct-12	µg/L
AT007	Methyl-t-butyl ether (MTBE)	ND	25-Mar-13	µg/L
AT007	Nitrate (as NO3) ,calculated IC value	24.8	26-Apr-12	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	25.9	21-May-12	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	27.9	27-Jun-12	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	28.4	23-Jul-12	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	30.3	29-Aug-12	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	23.7	04-Oct-12	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	24	25-Mar-13	mg/L
AT007	Perchlorate	ND	26-Apr-12	µg/L
AT007	Perchlorate	ND	21-May-12	µg/L
AT007	Perchlorate	ND	27-Jun-12	µg/L
AT007	Perchlorate	ND	23-Jul-12	µg/L
AT007	Perchlorate	ND	29-Aug-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT007	Perchlorate	ND	04-Oct-12	µg/L
AT007	Perchlorate	ND	25-Mar-13	µg/L
AT007	Tetrachloroethylene (PCE)	5.24	26-Apr-12	µg/L
AT007	Tetrachloroethylene (PCE)	5.54	21-May-12	µg/L
AT007	Tetrachloroethylene (PCE)	6.5	27-Jun-12	µg/L
AT007	Tetrachloroethylene (PCE)	6.57	23-Jul-12	µg/L
AT007	Tetrachloroethylene (PCE)	6.83	29-Aug-12	µg/L
AT007	Tetrachloroethylene (PCE)	6.21	04-Oct-12	µg/L
AT007	Tetrachloroethylene (PCE)	6.43	25-Mar-13	µg/L
AT007	Trichloroethene (TCE)	6.66	26-Apr-12	µg/L
AT007	Trichloroethene (TCE)	7.11	21-May-12	µg/L
AT007	Trichloroethene (TCE)	10.4	27-Jun-12	µg/L
AT007	Trichloroethene (TCE)	10.9	23-Jul-12	µg/L
AT007	Trichloroethene (TCE)	11.2	29-Aug-12	µg/L
AT007	Trichloroethene (TCE)	5.78	04-Oct-12	µg/L
AT007	Trichloroethene (TCE)	4.59	25-Mar-13	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	ND	26-Apr-12	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	ND	21-May-12	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	ND	27-Jun-12	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	ND	23-Jul-12	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	ND	29-Aug-12	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	ND	04-Oct-12	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	ND	25-Mar-13	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.54	26-Apr-12	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.44	21-May-12	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.8	27-Jun-12	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	0.548	23-Jul-12	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.8	29-Aug-12	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.9	04-Oct-12	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.42	25-Mar-13	µg/L
AT008	1,2-Dichloroethene-cis	ND	26-Apr-12	µg/L
AT008	1,2-Dichloroethene-cis	ND	21-May-12	µg/L
AT008	1,2-Dichloroethene-cis	ND	27-Jun-12	µg/L
AT008	1,2-Dichloroethene-cis	ND	23-Jul-12	µg/L
AT008	1,2-Dichloroethene-cis	ND	29-Aug-12	µg/L
AT008	1,2-Dichloroethene-cis	ND	04-Oct-12	µg/L
AT008	1,2-Dichloroethene-cis	ND	25-Mar-13	µg/L
AT008	1,4-Dioxane	1.21	17-Apr-12	ug/L
AT008	1,4-Dioxane	1.15	16-May-12	ug/L
AT008	1,4-Dioxane	1.25	27-Jun-12	ug/L
AT008	1,4-Dioxane	1.09	17-Jul-12	ug/L
AT008	1,4-Dioxane	1.14	29-Aug-12	ug/L
AT008	1,4-Dioxane	1.26	04-Oct-12	ug/L
AT008	1,4-Dioxane	1.49	25-Mar-13	ug/L
AT008	Carbon tetrachloride	2.28	26-Apr-12	µg/L
AT008	Carbon tetrachloride	2.19	21-May-12	µg/L
AT008	Carbon tetrachloride	2.84	27-Jun-12	µg/L
AT008	Carbon tetrachloride	0.98	23-Jul-12	µg/L
AT008	Carbon tetrachloride	2.6	29-Aug-12	µg/L
AT008	Carbon tetrachloride	2.96	04-Oct-12	µg/L
AT008	Carbon tetrachloride	2.1	25-Mar-13	µg/L
AT008	Chromium (Cr) Total, ICP/MS	ND	26-Apr-12	ug/L
AT008	Chromium (Cr) Total, ICP/MS	ND	21-May-12	ug/L
AT008	Chromium (Cr) Total, ICP/MS	ND	27-Jun-12	ug/L

Location Code	Analyte Name	Result	Collection Date	Unit
AT008	Chromium (Cr) Total, ICP/MS	1	23-Jul-12	ug/L
AT008	Chromium (Cr) Total, ICP/MS	ND	29-Aug-12	ug/L
AT008	Chromium (Cr) Total, ICP/MS	ND	04-Oct-12	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1.1	25-Mar-13	ug/L
AT008	Chromium (Cr+6) ,Diphenylcarbazide col	0.83	26-Apr-12	µg/L
AT008	Chromium (Cr+6) ,Diphenylcarbazide col	0.87	21-May-12	µg/L
AT008	Chromium (Cr+6) ,Diphenylcarbazide col	0.9	27-Jun-12	µg/L
AT008	Chromium (Cr+6) ,Diphenylcarbazide col	0.62	23-Jul-12	µg/L
AT008	Chromium (Cr+6) ,Diphenylcarbazide col	0.92	29-Aug-12	µg/L
AT008	Chromium (Cr+6) ,Diphenylcarbazide col	0.87	04-Oct-12	µg/L
AT008	Chromium (Cr+6) ,Diphenylcarbazide col	0.85	25-Mar-13	µg/L
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-May-12	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Jun-12	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Jul-12	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Aug-12	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Oct-12	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Mar-13	NUM/100ml
AT008	Methyl-t-butyl ether (MTBE)	ND	26-Apr-12	µg/L
AT008	Methyl-t-butyl ether (MTBE)	ND	21-May-12	µg/L
AT008	Methyl-t-butyl ether (MTBE)	ND	27-Jun-12	µg/L
AT008	Methyl-t-butyl ether (MTBE)	ND	23-Jul-12	µg/L
AT008	Methyl-t-butyl ether (MTBE)	ND	29-Aug-12	µg/L
AT008	Methyl-t-butyl ether (MTBE)	ND	04-Oct-12	µg/L
AT008	Methyl-t-butyl ether (MTBE)	ND	25-Mar-13	µg/L
AT008	Nitrate (as NO3) ,calculated IC value	24.5	26-Apr-12	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	24.7	21-May-12	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	24.6	27-Jun-12	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	15.5	23-Jul-12	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.1	29-Aug-12	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.4	04-Oct-12	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	26.3	25-Mar-13	mg/L
AT008	Perchlorate	ND	26-Apr-12	µg/L
AT008	Perchlorate	ND	21-May-12	µg/L
AT008	Perchlorate	ND	27-Jun-12	µg/L
AT008	Perchlorate	ND	23-Jul-12	µg/L
AT008	Perchlorate	ND	29-Aug-12	µg/L
AT008	Perchlorate	ND	04-Oct-12	µg/L
AT008	Perchlorate	ND	25-Mar-13	µg/L
AT008	Tetrachloroethylene (PCE)	7.38	26-Apr-12	µg/L
AT008	Tetrachloroethylene (PCE)	7.36	21-May-12	µg/L
AT008	Tetrachloroethylene (PCE)	7.83	27-Jun-12	µg/L
AT008	Tetrachloroethylene (PCE)	6.52	23-Jul-12	µg/L
AT008	Tetrachloroethylene (PCE)	7.18	29-Aug-12	µg/L
AT008	Tetrachloroethylene (PCE)	7.58	04-Oct-12	µg/L
AT008	Tetrachloroethylene (PCE)	5.32	25-Mar-13	µg/L
AT008	Trichloroethene (TCE)	34.8	26-Apr-12	µg/L
AT008	Trichloroethene (TCE)	35	21-May-12	µg/L
AT008	Trichloroethene (TCE)	39.1	27-Jun-12	µg/L
AT008	Trichloroethene (TCE)	17.2	23-Jul-12	µg/L
AT008	Trichloroethene (TCE)	37	29-Aug-12	µg/L
AT008	Trichloroethene (TCE)	48.1	04-Oct-12	µg/L
AT008	Trichloroethene (TCE)	61.9	25-Mar-13	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	30-May-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
ER006	1,1-Dichloroethane (1,1-DCA)	ND	15-Jun-12	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	11-Jul-12	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	01-Aug-12	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	19-Sep-12	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	31-Oct-12	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	27-Nov-12	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	ND	27-Mar-13	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	30-May-12	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	15-Jun-12	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	11-Jul-12	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	01-Aug-12	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	19-Sep-12	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	31-Oct-12	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	27-Nov-12	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	ND	27-Mar-13	µg/L
ER006	1,2-Dichloroethene-cis	ND	30-May-12	µg/L
ER006	1,2-Dichloroethene-cis	ND	15-Jun-12	µg/L
ER006	1,2-Dichloroethene-cis	ND	11-Jul-12	µg/L
ER006	1,2-Dichloroethene-cis	ND	01-Aug-12	µg/L
ER006	1,2-Dichloroethene-cis	ND	19-Sep-12	µg/L
ER006	1,2-Dichloroethene-cis	0.566	31-Oct-12	µg/L
ER006	1,2-Dichloroethene-cis	0.575	27-Nov-12	µg/L
ER006	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
ER006	1,2-Dichloroethene-cis	ND	27-Mar-13	µg/L
ER006	1,4-Dioxane	ND	30-May-12	ug/L
ER006	Carbon tetrachloride	ND	30-May-12	µg/L
ER006	Carbon tetrachloride	ND	15-Jun-12	µg/L
ER006	Carbon tetrachloride	ND	11-Jul-12	µg/L
ER006	Carbon tetrachloride	ND	01-Aug-12	µg/L
ER006	Carbon tetrachloride	ND	19-Sep-12	µg/L
ER006	Carbon tetrachloride	ND	31-Oct-12	µg/L
ER006	Carbon tetrachloride	ND	27-Nov-12	µg/L
ER006	Carbon tetrachloride	ND	28-Feb-13	µg/L
ER006	Carbon tetrachloride	ND	27-Mar-13	µg/L
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-May-12	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-Jun-12	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jul-12	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Aug-12	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Sep-12	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	31-Oct-12	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Nov-12	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
ER006	Methyl-t-butyl ether (MTBE)	ND	30-May-12	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	15-Jun-12	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	11-Jul-12	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	01-Aug-12	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	19-Sep-12	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	31-Oct-12	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	27-Nov-12	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
ER006	Methyl-t-butyl ether (MTBE)	ND	27-Mar-13	µg/L
ER006	Nitrate (as NO3) ,calculated IC value	30	30-May-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
ER006	Nitrate (as NO3) ,calculated IC value	30.1	15-Jun-12	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	29.2	11-Jul-12	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	29.3	01-Aug-12	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	27.7	19-Sep-12	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	27.8	31-Oct-12	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	27.9	27-Nov-12	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	28.8	28-Feb-13	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	26.5	27-Mar-13	mg/L
ER006	Perchlorate	ND	27-Mar-13	µg/L
ER006	Tetrachloroethylene (PCE)	1.8	30-May-12	µg/L
ER006	Tetrachloroethylene (PCE)	1.92	15-Jun-12	µg/L
ER006	Tetrachloroethylene (PCE)	2.2	11-Jul-12	µg/L
ER006	Tetrachloroethylene (PCE)	2.07	01-Aug-12	µg/L
ER006	Tetrachloroethylene (PCE)	2.79	19-Sep-12	µg/L
ER006	Tetrachloroethylene (PCE)	2.58	31-Oct-12	µg/L
ER006	Tetrachloroethylene (PCE)	2.77	27-Nov-12	µg/L
ER006	Tetrachloroethylene (PCE)	1.5	28-Feb-13	µg/L
ER006	Tetrachloroethylene (PCE)	1.29	27-Mar-13	µg/L
ER006	Trichloroethene (TCE)	20.9	30-May-12	µg/L
ER006	Trichloroethene (TCE)	20.6	15-Jun-12	µg/L
ER006	Trichloroethene (TCE)	22.2	11-Jul-12	µg/L
ER006	Trichloroethene (TCE)	21.3	01-Aug-12	µg/L
ER006	Trichloroethene (TCE)	36	19-Sep-12	µg/L
ER006	Trichloroethene (TCE)	43.1	31-Oct-12	µg/L
ER006	Trichloroethene (TCE)	42.3	27-Nov-12	µg/L
ER006	Trichloroethene (TCE)	35.4	28-Feb-13	µg/L
ER006	Trichloroethene (TCE)	32.3	27-Mar-13	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	30-May-12	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	15-Jun-12	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	11-Jul-12	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	01-Aug-12	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	19-Sep-12	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	30-Oct-12	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	27-Nov-12	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	ND	27-Mar-13	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	30-May-12	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	15-Jun-12	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	11-Jul-12	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	01-Aug-12	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	19-Sep-12	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	30-Oct-12	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	27-Nov-12	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	ND	27-Mar-13	µg/L
ER010	1,2-Dichloroethene-cis	ND	30-May-12	µg/L
ER010	1,2-Dichloroethene-cis	ND	15-Jun-12	µg/L
ER010	1,2-Dichloroethene-cis	ND	11-Jul-12	µg/L
ER010	1,2-Dichloroethene-cis	ND	01-Aug-12	µg/L
ER010	1,2-Dichloroethene-cis	ND	19-Sep-12	µg/L
ER010	1,2-Dichloroethene-cis	ND	30-Oct-12	µg/L
ER010	1,2-Dichloroethene-cis	ND	27-Nov-12	µg/L
ER010	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
ER010	1,2-Dichloroethene-cis	ND	27-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
ER010	1,4-Dioxane	ND	30-May-12	ug/L
ER010	Carbon tetrachloride	ND	30-May-12	µg/L
ER010	Carbon tetrachloride	ND	15-Jun-12	µg/L
ER010	Carbon tetrachloride	ND	11-Jul-12	µg/L
ER010	Carbon tetrachloride	ND	01-Aug-12	µg/L
ER010	Carbon tetrachloride	ND	19-Sep-12	µg/L
ER010	Carbon tetrachloride	ND	30-Oct-12	µg/L
ER010	Carbon tetrachloride	ND	27-Nov-12	µg/L
ER010	Carbon tetrachloride	ND	28-Feb-13	µg/L
ER010	Carbon tetrachloride	ND	27-Mar-13	µg/L
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-May-12	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-Jun-12	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jul-12	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Aug-12	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Sep-12	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Oct-12	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Nov-12	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
ER010	Methyl-t-butyl ether (MTBE)	ND	30-May-12	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	15-Jun-12	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	11-Jul-12	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	01-Aug-12	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	19-Sep-12	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	30-Oct-12	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	27-Nov-12	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
ER010	Methyl-t-butyl ether (MTBE)	ND	27-Mar-13	µg/L
ER010	Nitrate (as NO3) ,calculated IC value	14.8	30-May-12	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	16.7	15-Jun-12	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	17.1	11-Jul-12	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	16.7	01-Aug-12	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	8.55	19-Sep-12	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	5.98	30-Oct-12	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	5.23	27-Nov-12	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	8.99	28-Feb-13	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	3.94	27-Mar-13	mg/L
ER010	Perchlorate	ND	15-Jun-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	30-May-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	15-Jun-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	11-Jul-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	01-Aug-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	19-Sep-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	30-Oct-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	27-Nov-12	µg/L
ER010	Tetrachloroethylene (PCE)	ND	28-Feb-13	µg/L
ER010	Tetrachloroethylene (PCE)	ND	27-Mar-13	µg/L
ER010	Trichloroethene (TCE)	1.69	30-May-12	µg/L
ER010	Trichloroethene (TCE)	1.86	15-Jun-12	µg/L
ER010	Trichloroethene (TCE)	2.24	11-Jul-12	µg/L
ER010	Trichloroethene (TCE)	2.15	01-Aug-12	µg/L
ER010	Trichloroethene (TCE)	4.21	19-Sep-12	µg/L
ER010	Trichloroethene (TCE)	2.98	30-Oct-12	µg/L
ER010	Trichloroethene (TCE)	2.64	27-Nov-12	µg/L
ER010	Trichloroethene (TCE)	3.35	28-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
ER010	Trichloroethene (TCE)	0.66	27-Mar-13	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	24-Apr-12	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	18-May-12	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	18-May-12	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	23-May-12	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	29-Jun-12	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	30-Aug-12	µg/L
MH002A	1,1-Dichloroethane (1,1-DCA)	ND	12-Sep-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	24-Apr-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	18-May-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	18-May-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	23-May-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	29-Jun-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	30-Aug-12	µg/L
MH002A	1,1-Dichloroethene (1,1-DCE)	ND	12-Sep-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	24-Apr-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	18-May-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	18-May-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	23-May-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	29-Jun-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	30-Aug-12	µg/L
MH002A	1,2-Dichloroethene-cis	ND	12-Sep-12	µg/L
MH002A	1,4-Dioxane	ND	24-Apr-12	ug/L
MH002A	Bromide ,Ion-Chromatography	0.234	24-Apr-12	mg/L
MH002A	Carbon tetrachloride	ND	24-Apr-12	µg/L
MH002A	Carbon tetrachloride	ND	18-May-12	µg/L
MH002A	Carbon tetrachloride	ND	18-May-12	µg/L
MH002A	Carbon tetrachloride	ND	23-May-12	µg/L
MH002A	Carbon tetrachloride	ND	29-Jun-12	µg/L
MH002A	Carbon tetrachloride	ND	24-Jul-12	µg/L
MH002A	Carbon tetrachloride	ND	30-Aug-12	µg/L
MH002A	Carbon tetrachloride	ND	12-Sep-12	µg/L
MH002A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Apr-12	NUM/100ml
MH002A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-May-12	NUM/100ml
MH002A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Jun-12	NUM/100ml
MH002A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Jul-12	NUM/100ml
MH002A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Aug-12	NUM/100ml
MH002A	Iron (Fe), ICP-OES	ND	24-Apr-12	ug/L
MH002A	Manganese	ND	24-Apr-12	ug/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	24-Apr-12	µg/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	18-May-12	µg/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	18-May-12	µg/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	23-May-12	µg/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	29-Jun-12	µg/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	30-Aug-12	µg/L
MH002A	Methyl-t-butyl ether (MTBE)	ND	12-Sep-12	µg/L
MH002A	Nitrate (as NO3) ,calculated IC value	16.4	24-Apr-12	mg/L
MH002A	Perchlorate	ND	23-May-12	µg/L
MH002A	Tetrachloroethylene (PCE)	0.706	24-Apr-12	µg/L
MH002A	Tetrachloroethylene (PCE)	0.866	18-May-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MH002A	Tetrachloroethylene (PCE)	0.754	18-May-12	µg/L
MH002A	Tetrachloroethylene (PCE)	0.581	23-May-12	µg/L
MH002A	Tetrachloroethylene (PCE)	0.895	29-Jun-12	µg/L
MH002A	Tetrachloroethylene (PCE)	0.642	24-Jul-12	µg/L
MH002A	Tetrachloroethylene (PCE)	0.894	30-Aug-12	µg/L
MH002A	Tetrachloroethylene (PCE)	0.769	12-Sep-12	µg/L
MH002A	Trichloroethene (TCE)	5.73	24-Apr-12	µg/L
MH002A	Trichloroethene (TCE)	0.506	18-May-12	µg/L
MH002A	Trichloroethene (TCE)	0.636	18-May-12	µg/L
MH002A	Trichloroethene (TCE)	6.91	23-May-12	µg/L
MH002A	Trichloroethene (TCE)	4.9	29-Jun-12	µg/L
MH002A	Trichloroethene (TCE)	7.95	24-Jul-12	µg/L
MH002A	Trichloroethene (TCE)	3.48	30-Aug-12	µg/L
MH002A	Trichloroethene (TCE)	8.66	12-Sep-12	µg/L
MH005	1,1-Dichloroethane (1,1-DCA)	ND	24-Apr-12	µg/L
MH005	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
MH005	1,1-Dichloroethane (1,1-DCA)	ND	12-Sep-12	µg/L
MH005	1,1-Dichloroethene (1,1-DCE)	ND	24-Apr-12	µg/L
MH005	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
MH005	1,1-Dichloroethene (1,1-DCE)	ND	12-Sep-12	µg/L
MH005	1,2-Dichloroethene-cis	ND	24-Apr-12	µg/L
MH005	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L
MH005	1,2-Dichloroethene-cis	ND	12-Sep-12	µg/L
MH005	1,4-Dioxane	ND	29-Jun-12	ug/L
MH005	1,4-Dioxane	ND	24-Jul-12	ug/L
MH005	Bromide ,Ion-Chromatography	0.17	12-Sep-12	mg/L
MH005	Carbon tetrachloride	ND	24-Apr-12	µg/L
MH005	Carbon tetrachloride	ND	24-Jul-12	µg/L
MH005	Carbon tetrachloride	ND	12-Sep-12	µg/L
MH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Apr-12	NUM/100ml
MH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Jun-12	NUM/100ml
MH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Jul-12	NUM/100ml
MH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Sep-12	NUM/100ml
MH005	Iron (Fe), ICP-OES	ND	12-Sep-12	ug/L
MH005	Manganese	13.8	12-Sep-12	ug/L
MH005	Methyl-t-butyl ether (MTBE)	ND	24-Apr-12	µg/L
MH005	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
MH005	Methyl-t-butyl ether (MTBE)	ND	12-Sep-12	µg/L
MH005	Nitrate (as NO3) ,calculated IC value	9.26	12-Sep-12	mg/L
MH005	Tetrachloroethylene (PCE)	ND	24-Apr-12	µg/L
MH005	Tetrachloroethylene (PCE)	ND	24-Jul-12	µg/L
MH005	Tetrachloroethylene (PCE)	ND	12-Sep-12	µg/L
MH005	Trichloroethene (TCE)	0.715	24-Apr-12	µg/L
MH005	Trichloroethene (TCE)	0.721	24-Jul-12	µg/L
MH005	Trichloroethene (TCE)	0.736	12-Sep-12	µg/L
MH006A	1,1-Dichloroethane (1,1-DCA)	ND	24-Apr-12	µg/L
MH006A	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
MH006A	1,1-Dichloroethane (1,1-DCA)	ND	12-Sep-12	µg/L
MH006A	1,1-Dichloroethene (1,1-DCE)	ND	24-Apr-12	µg/L
MH006A	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
MH006A	1,1-Dichloroethene (1,1-DCE)	ND	12-Sep-12	µg/L
MH006A	1,2-Dichloroethene-cis	ND	24-Apr-12	µg/L
MH006A	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MH006A	1,2-Dichloroethene-cis	ND	12-Sep-12	µg/L
MH006A	Bromide ,Ion-Chromatography	0.16	22-May-12	mg/L
MH006A	Carbon tetrachloride	ND	24-Apr-12	µg/L
MH006A	Carbon tetrachloride	ND	24-Jul-12	µg/L
MH006A	Carbon tetrachloride	ND	12-Sep-12	µg/L
MH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Apr-12	NUM/100ml
MH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-May-12	NUM/100ml
MH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Jun-12	NUM/100ml
MH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Jul-12	NUM/100ml
MH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Sep-12	NUM/100ml
MH006A	Iron (Fe), ICP-OES	ND	22-May-12	ug/L
MH006A	Manganese	5.9	22-May-12	ug/L
MH006A	Manganese (Mn) ,ICP/MS	5.2	24-Apr-12	µg/L
MH006A	Manganese (Mn) ,ICP/MS	6.4	24-Jul-12	µg/L
MH006A	Methyl-t-butyl ether (MTBE)	ND	24-Apr-12	µg/L
MH006A	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
MH006A	Methyl-t-butyl ether (MTBE)	ND	12-Sep-12	µg/L
MH006A	Nitrate (as NO3) ,calculated IC value	16.5	22-May-12	mg/L
MH006A	Tetrachloroethylene (PCE)	ND	24-Apr-12	µg/L
MH006A	Tetrachloroethylene (PCE)	ND	24-Jul-12	µg/L
MH006A	Tetrachloroethylene (PCE)	ND	12-Sep-12	µg/L
MH006A	Trichloroethene (TCE)	0.8	24-Apr-12	µg/L
MH006A	Trichloroethene (TCE)	0.872	24-Jul-12	µg/L
MH006A	Trichloroethene (TCE)	0.768	12-Sep-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	12-Apr-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	19-Apr-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	30-May-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	15-Jun-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	22-Jun-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	04-Jul-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	11-Jul-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	20-Jul-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	25-Jul-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	30-Jul-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	28-Aug-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	20-Sep-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	25-Sep-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	19-Oct-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	29-Oct-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	06-Nov-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	14-Nov-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	20-Nov-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	05-Dec-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	12-Dec-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	19-Dec-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	26-Dec-12	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	02-Jan-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	09-Jan-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	16-Jan-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	23-Jan-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	31-Jan-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	06-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MI006	1,1-Dichloroethane (1,1-DCA)	ND	13-Feb-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	20-Feb-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	06-Mar-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	21-Mar-13	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	ND	27-Mar-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	12-Apr-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	19-Apr-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	30-May-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	15-Jun-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	22-Jun-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	04-Jul-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	11-Jul-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	20-Jul-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	25-Jul-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	30-Jul-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	28-Aug-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	20-Sep-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	25-Sep-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	19-Oct-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	29-Oct-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	06-Nov-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	14-Nov-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	20-Nov-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	05-Dec-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	12-Dec-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	19-Dec-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	26-Dec-12	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	02-Jan-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	09-Jan-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	16-Jan-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	23-Jan-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	31-Jan-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	06-Feb-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	13-Feb-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	20-Feb-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	06-Mar-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	21-Mar-13	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	ND	27-Mar-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	12-Apr-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	19-Apr-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	30-May-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	15-Jun-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	22-Jun-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	04-Jul-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	11-Jul-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	20-Jul-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	25-Jul-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	30-Jul-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	28-Aug-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	20-Sep-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MI006	1,2-Dichloroethene-cis	ND	25-Sep-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	19-Oct-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	29-Oct-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	06-Nov-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	14-Nov-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	20-Nov-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	05-Dec-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	12-Dec-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	19-Dec-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	26-Dec-12	µg/L
MI006	1,2-Dichloroethene-cis	ND	02-Jan-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	09-Jan-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	16-Jan-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	23-Jan-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	31-Jan-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	06-Feb-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	13-Feb-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	20-Feb-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	06-Mar-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	21-Mar-13	µg/L
MI006	1,2-Dichloroethene-cis	ND	27-Mar-13	µg/L
MI006	1,4-Dioxane	ND	19-Apr-12	ug/L
MI006	1,4-Dioxane	ND	07-Jun-12	ug/L
MI006	Bromide ,Ion-Chromatography	0.099	31-Jan-13	mg/L
MI006	Carbon tetrachloride	ND	12-Apr-12	µg/L
MI006	Carbon tetrachloride	ND	19-Apr-12	µg/L
MI006	Carbon tetrachloride	ND	30-May-12	µg/L
MI006	Carbon tetrachloride	ND	07-Jun-12	µg/L
MI006	Carbon tetrachloride	ND	15-Jun-12	µg/L
MI006	Carbon tetrachloride	ND	22-Jun-12	µg/L
MI006	Carbon tetrachloride	ND	04-Jul-12	µg/L
MI006	Carbon tetrachloride	ND	11-Jul-12	µg/L
MI006	Carbon tetrachloride	ND	20-Jul-12	µg/L
MI006	Carbon tetrachloride	ND	25-Jul-12	µg/L
MI006	Carbon tetrachloride	ND	30-Jul-12	µg/L
MI006	Carbon tetrachloride	ND	28-Aug-12	µg/L
MI006	Carbon tetrachloride	ND	20-Sep-12	µg/L
MI006	Carbon tetrachloride	ND	25-Sep-12	µg/L
MI006	Carbon tetrachloride	ND	19-Oct-12	µg/L
MI006	Carbon tetrachloride	ND	29-Oct-12	µg/L
MI006	Carbon tetrachloride	ND	06-Nov-12	µg/L
MI006	Carbon tetrachloride	ND	14-Nov-12	µg/L
MI006	Carbon tetrachloride	ND	20-Nov-12	µg/L
MI006	Carbon tetrachloride	ND	29-Nov-12	µg/L
MI006	Carbon tetrachloride	ND	05-Dec-12	µg/L
MI006	Carbon tetrachloride	ND	12-Dec-12	µg/L
MI006	Carbon tetrachloride	ND	19-Dec-12	µg/L
MI006	Carbon tetrachloride	ND	26-Dec-12	µg/L
MI006	Carbon tetrachloride	ND	02-Jan-13	µg/L
MI006	Carbon tetrachloride	ND	09-Jan-13	µg/L
MI006	Carbon tetrachloride	ND	16-Jan-13	µg/L
MI006	Carbon tetrachloride	ND	23-Jan-13	µg/L
MI006	Carbon tetrachloride	ND	31-Jan-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MI006	Carbon tetrachloride	ND	06-Feb-13	µg/L
MI006	Carbon tetrachloride	ND	13-Feb-13	µg/L
MI006	Carbon tetrachloride	ND	20-Feb-13	µg/L
MI006	Carbon tetrachloride	ND	26-Feb-13	µg/L
MI006	Carbon tetrachloride	ND	06-Mar-13	µg/L
MI006	Carbon tetrachloride	ND	21-Mar-13	µg/L
MI006	Carbon tetrachloride	ND	27-Mar-13	µg/L
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Apr-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-May-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jul-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Aug-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Sep-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Oct-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Nov-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	05-Dec-12	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-Jan-13	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Mar-13	NUM/100ml
MI006	Methyl-t-butyl ether (MTBE)	ND	12-Apr-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	19-Apr-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	30-May-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	15-Jun-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	22-Jun-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	04-Jul-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	11-Jul-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	20-Jul-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	25-Jul-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	30-Jul-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	28-Aug-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	20-Sep-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	25-Sep-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	19-Oct-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	29-Oct-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	06-Nov-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	14-Nov-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	20-Nov-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	05-Dec-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	12-Dec-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	19-Dec-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	26-Dec-12	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	02-Jan-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	09-Jan-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	16-Jan-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	23-Jan-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	31-Jan-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	06-Feb-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	13-Feb-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	20-Feb-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	06-Mar-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	21-Mar-13	µg/L
MI006	Methyl-t-butyl ether (MTBE)	ND	27-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MI006	Nitrate (as NO3) ,calculated IC value	17.1	19-Apr-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	12.5	30-May-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.9	07-Jun-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.7	11-Jul-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.5	28-Aug-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.9	25-Sep-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.6	29-Oct-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	17	05-Dec-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.9	12-Dec-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.9	19-Dec-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	17.1	26-Dec-12	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	17	02-Jan-13	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.9	09-Jan-13	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	17	16-Jan-13	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	17.2	23-Jan-13	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.7	31-Jan-13	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.7	26-Feb-13	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.5	21-Mar-13	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.8	27-Mar-13	mg/L
MI006	Perchlorate	ND	07-Jun-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	12-Apr-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	19-Apr-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	30-May-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	07-Jun-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	15-Jun-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	22-Jun-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	04-Jul-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	11-Jul-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	20-Jul-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	25-Jul-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	30-Jul-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	28-Aug-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	20-Sep-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	25-Sep-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	19-Oct-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	29-Oct-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	06-Nov-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	14-Nov-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	20-Nov-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	29-Nov-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	05-Dec-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	12-Dec-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	19-Dec-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	26-Dec-12	µg/L
MI006	Tetrachloroethylene (PCE)	ND	02-Jan-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	09-Jan-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	16-Jan-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	23-Jan-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	31-Jan-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	06-Feb-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	13-Feb-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	20-Feb-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	06-Mar-13	µg/L
MI006	Tetrachloroethylene (PCE)	ND	21-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MI006	Tetrachloroethylene (PCE)	ND	27-Mar-13	µg/L
MI006	Trichloroethene (TCE)	1.91	12-Apr-12	µg/L
MI006	Trichloroethene (TCE)	2.42	19-Apr-12	µg/L
MI006	Trichloroethene (TCE)	1.57	30-May-12	µg/L
MI006	Trichloroethene (TCE)	2.4	07-Jun-12	µg/L
MI006	Trichloroethene (TCE)	2.8	15-Jun-12	µg/L
MI006	Trichloroethene (TCE)	2.9	22-Jun-12	µg/L
MI006	Trichloroethene (TCE)	3.01	04-Jul-12	µg/L
MI006	Trichloroethene (TCE)	2.99	11-Jul-12	µg/L
MI006	Trichloroethene (TCE)	2.69	20-Jul-12	µg/L
MI006	Trichloroethene (TCE)	2.88	25-Jul-12	µg/L
MI006	Trichloroethene (TCE)	2.89	30-Jul-12	µg/L
MI006	Trichloroethene (TCE)	3.01	28-Aug-12	µg/L
MI006	Trichloroethene (TCE)	3.3	20-Sep-12	µg/L
MI006	Trichloroethene (TCE)	3.09	25-Sep-12	µg/L
MI006	Trichloroethene (TCE)	3.37	19-Oct-12	µg/L
MI006	Trichloroethene (TCE)	3.4	29-Oct-12	µg/L
MI006	Trichloroethene (TCE)	ND	06-Nov-12	µg/L
MI006	Trichloroethene (TCE)	4.23	14-Nov-12	µg/L
MI006	Trichloroethene (TCE)	4.04	20-Nov-12	µg/L
MI006	Trichloroethene (TCE)	4.33	29-Nov-12	µg/L
MI006	Trichloroethene (TCE)	3.95	05-Dec-12	µg/L
MI006	Trichloroethene (TCE)	3.67	12-Dec-12	µg/L
MI006	Trichloroethene (TCE)	3.83	19-Dec-12	µg/L
MI006	Trichloroethene (TCE)	3.71	26-Dec-12	µg/L
MI006	Trichloroethene (TCE)	3.84	02-Jan-13	µg/L
MI006	Trichloroethene (TCE)	3.1	09-Jan-13	µg/L
MI006	Trichloroethene (TCE)	2.69	16-Jan-13	µg/L
MI006	Trichloroethene (TCE)	2.54	23-Jan-13	µg/L
MI006	Trichloroethene (TCE)	2.42	31-Jan-13	µg/L
MI006	Trichloroethene (TCE)	2.54	06-Feb-13	µg/L
MI006	Trichloroethene (TCE)	2.83	13-Feb-13	µg/L
MI006	Trichloroethene (TCE)	2.56	20-Feb-13	µg/L
MI006	Trichloroethene (TCE)	2.49	26-Feb-13	µg/L
MI006	Trichloroethene (TCE)	2.87	06-Mar-13	µg/L
MI006	Trichloroethene (TCE)	2.71	21-Mar-13	µg/L
MI006	Trichloroethene (TCE)	2.94	27-Mar-13	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	20-Apr-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	28-Jun-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	20-Jul-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	28-Aug-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	25-Sep-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	29-Oct-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	30-Nov-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	18-Dec-12	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	31-Jan-13	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	ND	21-Mar-13	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	20-Apr-12	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	28-Jun-12	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	20-Jul-12	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	28-Aug-12	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	25-Sep-12	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	29-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MI007	1,1-Dichloroethene (1,1-DCE)	ND	30-Nov-12	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	18-Dec-12	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	31-Jan-13	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	ND	21-Mar-13	µg/L
MI007	1,2-Dichloroethene-cis	ND	20-Apr-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	28-Jun-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	20-Jul-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	28-Aug-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	25-Sep-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	29-Oct-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	30-Nov-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	18-Dec-12	µg/L
MI007	1,2-Dichloroethene-cis	ND	31-Jan-13	µg/L
MI007	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
MI007	1,2-Dichloroethene-cis	ND	21-Mar-13	µg/L
MI007	1,4-Dioxane	ND	20-Apr-12	ug/L
MI007	1,4-Dioxane	ND	28-Jun-12	ug/L
MI007	Bromide ,Ion-Chromatography	0.151	30-Nov-12	mg/L
MI007	Carbon tetrachloride	ND	20-Apr-12	µg/L
MI007	Carbon tetrachloride	ND	28-Jun-12	µg/L
MI007	Carbon tetrachloride	ND	20-Jul-12	µg/L
MI007	Carbon tetrachloride	ND	28-Aug-12	µg/L
MI007	Carbon tetrachloride	ND	25-Sep-12	µg/L
MI007	Carbon tetrachloride	ND	29-Oct-12	µg/L
MI007	Carbon tetrachloride	ND	30-Nov-12	µg/L
MI007	Carbon tetrachloride	ND	18-Dec-12	µg/L
MI007	Carbon tetrachloride	ND	31-Jan-13	µg/L
MI007	Carbon tetrachloride	ND	26-Feb-13	µg/L
MI007	Carbon tetrachloride	ND	21-Mar-13	µg/L
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	2	20-Apr-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Jun-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Jul-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Aug-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Sep-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Oct-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Nov-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Dec-12	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	31-Jan-13	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Mar-13	NUM/100ml
MI007	Methyl-t-butyl ether (MTBE)	ND	20-Apr-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	28-Jun-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	20-Jul-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	28-Aug-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	25-Sep-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	29-Oct-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	30-Nov-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	18-Dec-12	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	31-Jan-13	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
MI007	Methyl-t-butyl ether (MTBE)	ND	21-Mar-13	µg/L
MI007	Nitrate (as NO3) ,calculated IC value	31.2	20-Apr-12	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	24.5	28-Jun-12	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	24	20-Jul-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
MI007	Nitrate (as NO3) ,calculated IC value	25.9	28-Aug-12	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	26.4	25-Sep-12	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	26	29-Oct-12	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	26.8	30-Nov-12	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	25.6	18-Dec-12	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	26.2	31-Jan-13	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	26.9	26-Feb-13	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	27.1	21-Mar-13	mg/L
MI007	Perchlorate	2.08	28-Jun-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	20-Apr-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	28-Jun-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	20-Jul-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	28-Aug-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	25-Sep-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	29-Oct-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	30-Nov-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	18-Dec-12	µg/L
MI007	Tetrachloroethylene (PCE)	ND	31-Jan-13	µg/L
MI007	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
MI007	Tetrachloroethylene (PCE)	ND	21-Mar-13	µg/L
MI007	Trichloroethene (TCE)	ND	20-Apr-12	µg/L
MI007	Trichloroethene (TCE)	ND	28-Jun-12	µg/L
MI007	Trichloroethene (TCE)	ND	20-Jul-12	µg/L
MI007	Trichloroethene (TCE)	1.29	28-Aug-12	µg/L
MI007	Trichloroethene (TCE)	1.56	25-Sep-12	µg/L
MI007	Trichloroethene (TCE)	0.537	29-Oct-12	µg/L
MI007	Trichloroethene (TCE)	1.02	30-Nov-12	µg/L
MI007	Trichloroethene (TCE)	0.891	18-Dec-12	µg/L
MI007	Trichloroethene (TCE)	1.12	31-Jan-13	µg/L
MI007	Trichloroethene (TCE)	1.65	26-Feb-13	µg/L
MI007	Trichloroethene (TCE)	1.83	21-Mar-13	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	03-Apr-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	19-Apr-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	15-May-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	12-Jun-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	19-Sep-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	03-Oct-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	06-Dec-12	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	ND	14-Mar-13	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	03-Apr-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	19-Apr-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	15-May-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	12-Jun-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	10-Jul-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	23-Aug-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	19-Sep-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	03-Oct-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	06-Dec-12	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH004	1,1-Dichloroethene (1,1-DCE)	ND	14-Mar-13	µg/L
NH004	1,2-Dichloroethene-cis	ND	03-Apr-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	19-Apr-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	15-May-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	12-Jun-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	23-Aug-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	19-Sep-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	03-Oct-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	06-Dec-12	µg/L
NH004	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
NH004	1,2-Dichloroethene-cis	ND	14-Mar-13	µg/L
NH004	1,4-Dioxane	ND	15-May-12	ug/L
NH004	Bromide ,Ion-Chromatography	0.272	26-Feb-13	mg/L
NH004	Carbon tetrachloride	ND	03-Apr-12	µg/L
NH004	Carbon tetrachloride	ND	19-Apr-12	µg/L
NH004	Carbon tetrachloride	ND	15-May-12	µg/L
NH004	Carbon tetrachloride	ND	12-Jun-12	µg/L
NH004	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH004	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH004	Carbon tetrachloride	ND	19-Sep-12	µg/L
NH004	Carbon tetrachloride	ND	03-Oct-12	µg/L
NH004	Carbon tetrachloride	ND	29-Nov-12	µg/L
NH004	Carbon tetrachloride	ND	06-Dec-12	µg/L
NH004	Carbon tetrachloride	ND	26-Feb-13	µg/L
NH004	Carbon tetrachloride	ND	14-Mar-13	µg/L
NH004	Coliform Total (CL,MPN) ,MM0-MUG	ND	03-Apr-12	MPN/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	03-Apr-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Apr-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	1	15-May-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Jun-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Sep-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	03-Oct-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Dec-12	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Mar-13	NUM/100ml
NH004	Iron (Fe), ICP-OES	ND	26-Feb-13	ug/L
NH004	Manganese	ND	26-Feb-13	ug/L
NH004	Methyl-t-butyl ether (MTBE)	ND	03-Apr-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	19-Apr-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	15-May-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	12-Jun-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	19-Sep-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	03-Oct-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	06-Dec-12	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
NH004	Methyl-t-butyl ether (MTBE)	ND	14-Mar-13	µg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.06	19-Apr-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH004	Nitrate (as NO3) ,calculated IC value	ND	15-May-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	11.5	12-Jun-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	15.4	10-Jul-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	17.4	23-Aug-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	15.5	19-Sep-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	3.65	03-Oct-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	16.1	29-Nov-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	14.7	06-Dec-12	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	11	26-Feb-13	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	10.7	14-Mar-13	mg/L
NH004	Perchlorate	ND	12-Jun-12	µg/L
NH004	Tetrachloroethylene (PCE)	ND	03-Apr-12	µg/L
NH004	Tetrachloroethylene (PCE)	0.509	19-Apr-12	µg/L
NH004	Tetrachloroethylene (PCE)	ND	15-May-12	µg/L
NH004	Tetrachloroethylene (PCE)	ND	12-Jun-12	µg/L
NH004	Tetrachloroethylene (PCE)	ND	10-Jul-12	µg/L
NH004	Tetrachloroethylene (PCE)	0.876	23-Aug-12	µg/L
NH004	Tetrachloroethylene (PCE)	1.13	19-Sep-12	µg/L
NH004	Tetrachloroethylene (PCE)	ND	03-Oct-12	µg/L
NH004	Tetrachloroethylene (PCE)	1.68	29-Nov-12	µg/L
NH004	Tetrachloroethylene (PCE)	1.21	06-Dec-12	µg/L
NH004	Tetrachloroethylene (PCE)	0.548	26-Feb-13	µg/L
NH004	Tetrachloroethylene (PCE)	0.588	14-Mar-13	µg/L
NH004	Trichloroethene (TCE)	ND	03-Apr-12	µg/L
NH004	Trichloroethene (TCE)	ND	19-Apr-12	µg/L
NH004	Trichloroethene (TCE)	ND	15-May-12	µg/L
NH004	Trichloroethene (TCE)	ND	12-Jun-12	µg/L
NH004	Trichloroethene (TCE)	ND	10-Jul-12	µg/L
NH004	Trichloroethene (TCE)	ND	23-Aug-12	µg/L
NH004	Trichloroethene (TCE)	ND	19-Sep-12	µg/L
NH004	Trichloroethene (TCE)	ND	03-Oct-12	µg/L
NH004	Trichloroethene (TCE)	ND	29-Nov-12	µg/L
NH004	Trichloroethene (TCE)	ND	06-Dec-12	µg/L
NH004	Trichloroethene (TCE)	ND	26-Feb-13	µg/L
NH004	Trichloroethene (TCE)	ND	14-Mar-13	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	10-May-12	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	21-Jun-12	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	19-Sep-12	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	24-Oct-12	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	ND	18-Mar-13	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.54	10-May-12	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	6.58	21-Jun-12	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	7.1	10-Jul-12	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	6.28	23-Aug-12	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	5.92	19-Sep-12	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	3.17	24-Oct-12	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	3.31	29-Nov-12	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.96	28-Feb-13	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.71	18-Mar-13	µg/L
NH022	1,2-Dichloroethene-cis	ND	10-May-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH022	1,2-Dichloroethene-cis	ND	21-Jun-12	µg/L
NH022	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH022	1,2-Dichloroethene-cis	ND	23-Aug-12	µg/L
NH022	1,2-Dichloroethene-cis	ND	19-Sep-12	µg/L
NH022	1,2-Dichloroethene-cis	ND	24-Oct-12	µg/L
NH022	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
NH022	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
NH022	1,2-Dichloroethene-cis	ND	18-Mar-13	µg/L
NH022	1,4-Dioxane	ND	10-May-12	ug/L
NH022	Carbon tetrachloride	ND	10-May-12	µg/L
NH022	Carbon tetrachloride	ND	21-Jun-12	µg/L
NH022	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH022	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH022	Carbon tetrachloride	ND	19-Sep-12	µg/L
NH022	Carbon tetrachloride	ND	24-Oct-12	µg/L
NH022	Carbon tetrachloride	ND	29-Nov-12	µg/L
NH022	Carbon tetrachloride	ND	28-Feb-13	µg/L
NH022	Carbon tetrachloride	ND	18-Mar-13	µg/L
NH022	Coliform Total (CL,MPN) ,MM0-MUG	1.1	15-May-12	MPN/100ml
NH022	Coliform Total (CL,MPN) ,MM0-MUG	ND	25-Sep-12	MPN/100ml
NH022	Coliform Total (CL,MPN) ,MM0-MUG	1.1	30-Oct-12	MPN/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	1	10-May-12	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Jun-12	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	2	19-Sep-12	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	1	24-Oct-12	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Mar-13	NUM/100ml
NH022	Methyl-t-butyl ether (MTBE)	ND	10-May-12	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	21-Jun-12	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	19-Sep-12	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	24-Oct-12	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
NH022	Methyl-t-butyl ether (MTBE)	ND	18-Mar-13	µg/L
NH022	Nitrate (as NO3) ,calculated IC value	23.2	10-May-12	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	40.1	21-Jun-12	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	40.3	10-Jul-12	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	37.8	23-Aug-12	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	37.8	19-Sep-12	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	36.5	24-Oct-12	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	34	29-Nov-12	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	28.4	28-Feb-13	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	24	18-Mar-13	mg/L
NH022	Perchlorate	ND	23-Aug-12	µg/L
NH022	Tetrachloroethylene (PCE)	ND	10-May-12	µg/L
NH022	Tetrachloroethylene (PCE)	1.38	21-Jun-12	µg/L
NH022	Tetrachloroethylene (PCE)	1.45	10-Jul-12	µg/L
NH022	Tetrachloroethylene (PCE)	1.53	23-Aug-12	µg/L
NH022	Tetrachloroethylene (PCE)	1.28	19-Sep-12	µg/L
NH022	Tetrachloroethylene (PCE)	0.695	24-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH022	Tetrachloroethylene (PCE)	0.696	29-Nov-12	µg/L
NH022	Tetrachloroethylene (PCE)	ND	28-Feb-13	µg/L
NH022	Tetrachloroethylene (PCE)	ND	18-Mar-13	µg/L
NH022	Trichloroethene (TCE)	2.46	10-May-12	µg/L
NH022	Trichloroethene (TCE)	11.2	21-Jun-12	µg/L
NH022	Trichloroethene (TCE)	12.1	10-Jul-12	µg/L
NH022	Trichloroethene (TCE)	12.3	23-Aug-12	µg/L
NH022	Trichloroethene (TCE)	9.55	19-Sep-12	µg/L
NH022	Trichloroethene (TCE)	5.22	24-Oct-12	µg/L
NH022	Trichloroethene (TCE)	5.1	29-Nov-12	µg/L
NH022	Trichloroethene (TCE)	2.94	28-Feb-13	µg/L
NH022	Trichloroethene (TCE)	2.44	18-Mar-13	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	0.536	21-Jun-12	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	ND	25-Jul-12	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	ND	14-Nov-12	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	ND	19-Mar-13	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	0.613	21-Jun-12	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	0.658	25-Jul-12	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	0.591	23-Aug-12	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	0.778	14-Nov-12	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	0.697	19-Mar-13	µg/L
NH023	1,2-Dichloroethene-cis	ND	21-Jun-12	µg/L
NH023	1,2-Dichloroethene-cis	0.569	25-Jul-12	µg/L
NH023	1,2-Dichloroethene-cis	0.542	23-Aug-12	µg/L
NH023	1,2-Dichloroethene-cis	0.699	14-Nov-12	µg/L
NH023	1,2-Dichloroethene-cis	0.517	28-Feb-13	µg/L
NH023	1,2-Dichloroethene-cis	0.842	19-Mar-13	µg/L
NH023	1,4-Dioxane	3.92	25-Jul-12	ug/L
NH023	Bromide ,Ion-Chromatography	0.279	25-Jul-12	mg/L
NH023	Carbon tetrachloride	ND	21-Jun-12	µg/L
NH023	Carbon tetrachloride	ND	25-Jul-12	µg/L
NH023	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH023	Carbon tetrachloride	ND	14-Nov-12	µg/L
NH023	Carbon tetrachloride	ND	28-Feb-13	µg/L
NH023	Carbon tetrachloride	ND	19-Mar-13	µg/L
NH023	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Jun-12	NUM/100ml
NH023	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Jul-12	NUM/100ml
NH023	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH023	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Nov-12	NUM/100ml
NH023	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
NH023	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Mar-13	NUM/100ml
NH023	Iron (Fe), ICP-OES	312	25-Jul-12	ug/L
NH023	Iron (Fe), ICP-OES	187	23-Aug-12	ug/L
NH023	Iron (Fe), ICP-OES	64.4	14-Nov-12	ug/L
NH023	Iron (Fe), ICP-OES	66.4	19-Mar-13	ug/L
NH023	Manganese	4.5	25-Jul-12	ug/L
NH023	Methyl-t-butyl ether (MTBE)	ND	21-Jun-12	µg/L
NH023	Methyl-t-butyl ether (MTBE)	ND	25-Jul-12	µg/L
NH023	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH023	Methyl-t-butyl ether (MTBE)	ND	14-Nov-12	µg/L
NH023	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH023	Methyl-t-butyl ether (MTBE)	ND	19-Mar-13	µg/L
NH023	Nitrate (as NO3) ,calculated IC value	37.8	21-Jun-12	mg/L
NH023	Nitrate (as NO3) ,calculated IC value	35.8	25-Jul-12	mg/L
NH023	Nitrate (as NO3) ,calculated IC value	34.3	23-Aug-12	mg/L
NH023	Nitrate (as NO3) ,calculated IC value	28.8	14-Nov-12	mg/L
NH023	Nitrate (as NO3) ,calculated IC value	31.3	28-Feb-13	mg/L
NH023	Nitrate (as NO3) ,calculated IC value	28	19-Mar-13	mg/L
NH023	Tetrachloroethylene (PCE)	15.2	21-Jun-12	µg/L
NH023	Tetrachloroethylene (PCE)	13.2	25-Jul-12	µg/L
NH023	Tetrachloroethylene (PCE)	13	23-Aug-12	µg/L
NH023	Tetrachloroethylene (PCE)	9.31	14-Nov-12	µg/L
NH023	Tetrachloroethylene (PCE)	8.32	28-Feb-13	µg/L
NH023	Tetrachloroethylene (PCE)	6.08	19-Mar-13	µg/L
NH023	Trichloroethene (TCE)	25	21-Jun-12	µg/L
NH023	Trichloroethene (TCE)	24.7	25-Jul-12	µg/L
NH023	Trichloroethene (TCE)	25.6	23-Aug-12	µg/L
NH023	Trichloroethene (TCE)	19.8	14-Nov-12	µg/L
NH023	Trichloroethene (TCE)	17.4	28-Feb-13	µg/L
NH023	Trichloroethene (TCE)	18.1	19-Mar-13	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	19-Apr-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	15-May-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	12-Jun-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	01-Aug-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	19-Sep-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	03-Oct-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	08-Nov-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	06-Dec-12	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	ND	07-Feb-13	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	ND	19-Apr-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.98	15-May-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	2.2	12-Jun-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.95	10-Jul-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.62	01-Aug-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.71	19-Sep-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.52	03-Oct-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	ND	08-Nov-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.71	06-Dec-12	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.41	07-Feb-13	µg/L
NH025	1,2-Dichloroethene-cis	ND	19-Apr-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	15-May-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	12-Jun-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	01-Aug-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	19-Sep-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	03-Oct-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	08-Nov-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	06-Dec-12	µg/L
NH025	1,2-Dichloroethene-cis	ND	07-Feb-13	µg/L
NH025	1,4-Dioxane	ND	15-May-12	ug/L
NH025	Carbon tetrachloride	ND	19-Apr-12	µg/L
NH025	Carbon tetrachloride	ND	15-May-12	µg/L
NH025	Carbon tetrachloride	ND	12-Jun-12	µg/L
NH025	Carbon tetrachloride	ND	10-Jul-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH025	Carbon tetrachloride	ND	01-Aug-12	µg/L
NH025	Carbon tetrachloride	ND	19-Sep-12	µg/L
NH025	Carbon tetrachloride	ND	03-Oct-12	µg/L
NH025	Carbon tetrachloride	ND	08-Nov-12	µg/L
NH025	Carbon tetrachloride	ND	06-Dec-12	µg/L
NH025	Carbon tetrachloride	ND	07-Feb-13	µg/L
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Apr-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-May-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Jun-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Aug-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Sep-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	03-Oct-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Nov-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Dec-12	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Feb-13	NUM/100ml
NH025	Methyl-t-butyl ether (MTBE)	ND	19-Apr-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	15-May-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	12-Jun-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	01-Aug-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	19-Sep-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	03-Oct-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	08-Nov-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	06-Dec-12	µg/L
NH025	Methyl-t-butyl ether (MTBE)	ND	07-Feb-13	µg/L
NH025	Nitrate (as NO3) ,calculated IC value	6.82	19-Apr-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	20.7	15-May-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.7	12-Jun-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.2	10-Jul-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	20.7	01-Aug-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.8	19-Sep-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.1	03-Oct-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.1	08-Nov-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.7	06-Dec-12	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	20.3	07-Feb-13	mg/L
NH025	Perchlorate	ND	19-Jul-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	19-Apr-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	15-May-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	12-Jun-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	10-Jul-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	01-Aug-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	19-Sep-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	03-Oct-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	08-Nov-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	06-Dec-12	µg/L
NH025	Tetrachloroethylene (PCE)	ND	07-Feb-13	µg/L
NH025	Trichloroethene (TCE)	ND	19-Apr-12	µg/L
NH025	Trichloroethene (TCE)	2.37	15-May-12	µg/L
NH025	Trichloroethene (TCE)	2.31	12-Jun-12	µg/L
NH025	Trichloroethene (TCE)	1.96	10-Jul-12	µg/L
NH025	Trichloroethene (TCE)	1.63	01-Aug-12	µg/L
NH025	Trichloroethene (TCE)	1.61	19-Sep-12	µg/L
NH025	Trichloroethene (TCE)	1.37	03-Oct-12	µg/L
NH025	Trichloroethene (TCE)	ND	08-Nov-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH025	Trichloroethene (TCE)	1.66	06-Dec-12	µg/L
NH025	Trichloroethene (TCE)	1.3	07-Feb-13	µg/L
NH026	1,1-Dichloroethane (1,1-DCA)	ND	24-Oct-12	µg/L
NH026	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
NH026	1,1-Dichloroethene (1,1-DCE)	2.02	24-Oct-12	µg/L
NH026	1,1-Dichloroethene (1,1-DCE)	1.97	29-Nov-12	µg/L
NH026	1,2-Dichloroethene-cis	ND	24-Oct-12	µg/L
NH026	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
NH026	1,4-Dioxane	ND	29-Nov-12	ug/L
NH026	Bromide ,Ion-Chromatography	0.268	29-Nov-12	mg/L
NH026	Carbon tetrachloride	ND	24-Oct-12	µg/L
NH026	Carbon tetrachloride	ND	29-Nov-12	µg/L
NH026	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Oct-12	NUM/100ml
NH026	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
NH026	Iron (Fe), ICP-OES	ND	29-Nov-12	ug/L
NH026	Manganese	ND	29-Nov-12	ug/L
NH026	Methyl-t-butyl ether (MTBE)	ND	24-Oct-12	µg/L
NH026	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
NH026	Nitrate (as NO3) ,calculated IC value	22.6	24-Oct-12	mg/L
NH026	Nitrate (as NO3) ,calculated IC value	22.5	29-Nov-12	mg/L
NH026	Perchlorate	ND	24-Oct-12	µg/L
NH026	Perchlorate	ND	29-Nov-12	µg/L
NH026	Tetrachloroethylene (PCE)	0.876	24-Oct-12	µg/L
NH026	Tetrachloroethylene (PCE)	1.26	29-Nov-12	µg/L
NH026	Trichloroethene (TCE)	4.36	24-Oct-12	µg/L
NH026	Trichloroethene (TCE)	4.98	29-Nov-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	19-Apr-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	15-May-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	12-Jun-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	01-Aug-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	19-Sep-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	03-Oct-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	08-Nov-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	06-Dec-12	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	ND	07-Feb-13	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	19-Apr-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	15-May-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	12-Jun-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	10-Jul-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	01-Aug-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	19-Sep-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	03-Oct-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	08-Nov-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	06-Dec-12	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	ND	07-Feb-13	µg/L
NH032	1,2-Dichloroethene-cis	ND	19-Apr-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	15-May-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	12-Jun-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	01-Aug-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	19-Sep-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	03-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH032	1,2-Dichloroethene-cis	ND	08-Nov-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	06-Dec-12	µg/L
NH032	1,2-Dichloroethene-cis	ND	07-Feb-13	µg/L
NH032	1,4-Dioxane	ND	15-May-12	ug/L
NH032	Bromide ,Ion-Chromatography	0.304	06-Dec-12	mg/L
NH032	Carbon tetrachloride	ND	19-Apr-12	µg/L
NH032	Carbon tetrachloride	ND	15-May-12	µg/L
NH032	Carbon tetrachloride	ND	12-Jun-12	µg/L
NH032	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH032	Carbon tetrachloride	ND	01-Aug-12	µg/L
NH032	Carbon tetrachloride	ND	19-Sep-12	µg/L
NH032	Carbon tetrachloride	ND	03-Oct-12	µg/L
NH032	Carbon tetrachloride	ND	08-Nov-12	µg/L
NH032	Carbon tetrachloride	ND	06-Dec-12	µg/L
NH032	Carbon tetrachloride	ND	07-Feb-13	µg/L
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Apr-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-May-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Jun-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Aug-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Sep-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	03-Oct-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Nov-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Dec-12	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Feb-13	NUM/100ml
NH032	Manganese (Mn) ,ICP/MS	79.5	19-Apr-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	52.1	15-May-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	47.4	12-Jun-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	46.1	10-Jul-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	45.3	01-Aug-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	41.9	19-Sep-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	43.2	03-Oct-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	45.2	08-Nov-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	45.6	06-Dec-12	µg/L
NH032	Manganese (Mn) ,ICP/MS	48.9	07-Feb-13	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	19-Apr-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	15-May-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	12-Jun-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	01-Aug-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	19-Sep-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	03-Oct-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	08-Nov-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	06-Dec-12	µg/L
NH032	Methyl-t-butyl ether (MTBE)	ND	07-Feb-13	µg/L
NH032	Nitrate (as NO3) ,calculated IC value	1.46	19-Apr-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.08	15-May-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.56	12-Jun-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.65	10-Jul-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.87	01-Aug-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.7	19-Sep-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.47	03-Oct-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.65	08-Nov-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.74	06-Dec-12	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.08	07-Feb-13	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH032	Perchlorate	ND	19-Apr-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	19-Apr-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	15-May-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	12-Jun-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	10-Jul-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	01-Aug-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	19-Sep-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	03-Oct-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	08-Nov-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	06-Dec-12	µg/L
NH032	Tetrachloroethylene (PCE)	ND	07-Feb-13	µg/L
NH032	Trichloroethene (TCE)	ND	19-Apr-12	µg/L
NH032	Trichloroethene (TCE)	ND	15-May-12	µg/L
NH032	Trichloroethene (TCE)	ND	12-Jun-12	µg/L
NH032	Trichloroethene (TCE)	ND	10-Jul-12	µg/L
NH032	Trichloroethene (TCE)	ND	01-Aug-12	µg/L
NH032	Trichloroethene (TCE)	ND	19-Sep-12	µg/L
NH032	Trichloroethene (TCE)	ND	03-Oct-12	µg/L
NH032	Trichloroethene (TCE)	ND	08-Nov-12	µg/L
NH032	Trichloroethene (TCE)	ND	06-Dec-12	µg/L
NH032	Trichloroethene (TCE)	ND	07-Feb-13	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	ND	15-May-12	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	ND	07-Feb-13	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	ND	18-Mar-13	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	ND	15-May-12	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	ND	07-Feb-13	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	ND	18-Mar-13	µg/L
NH033	1,2-Dichloroethene-cis	ND	15-May-12	µg/L
NH033	1,2-Dichloroethene-cis	ND	07-Feb-13	µg/L
NH033	1,2-Dichloroethene-cis	ND	18-Mar-13	µg/L
NH033	1,4-Dioxane	ND	15-May-12	ug/L
NH033	Carbon tetrachloride	ND	15-May-12	µg/L
NH033	Carbon tetrachloride	ND	07-Feb-13	µg/L
NH033	Carbon tetrachloride	ND	18-Mar-13	µg/L
NH033	Coliform Total (CL,MPN) ,MM0-MUG	2.2	19-Mar-13	MPN/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	16	06-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	1	06-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	83.9	26-Apr-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	3	15-May-12	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Feb-13	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	2	18-Mar-13	NUM/100ml
NH033	Coliform Total(MPN),MultTube Fermentatn	16	26-Apr-12	MPN/100ml
NH033	Coliform Total(MPN),MultTube Fermentatn	3.6	26-Apr-12	MPN/100ml
NH033	Coliform Total(MPN),MultTube Fermentatn	2.2	26-Apr-12	MPN/100ml
NH033	Coliform Total(MPN),MultTube Fermentatn	3.6	26-Apr-12	MPN/100ml
NH033	Methyl-t-butyl ether (MTBE)	ND	15-May-12	µg/L
NH033	Methyl-t-butyl ether (MTBE)	ND	07-Feb-13	µg/L
NH033	Methyl-t-butyl ether (MTBE)	ND	18-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH033	Nitrate (as NO3) ,calculated IC value	3.61	15-May-12	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	4.92	07-Feb-13	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	5.18	18-Mar-13	mg/L
NH033	Perchlorate	ND	07-Feb-13	µg/L
NH033	Tetrachloroethylene (PCE)	ND	15-May-12	µg/L
NH033	Tetrachloroethylene (PCE)	ND	07-Feb-13	µg/L
NH033	Tetrachloroethylene (PCE)	ND	18-Mar-13	µg/L
NH033	Trichloroethene (TCE)	ND	15-May-12	µg/L
NH033	Trichloroethene (TCE)	ND	07-Feb-13	µg/L
NH033	Trichloroethene (TCE)	ND	18-Mar-13	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	ND	18-Apr-12	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	ND	10-May-12	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	ND	12-Jun-12	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	ND	01-Aug-12	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	ND	18-Sep-12	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	ND	18-Apr-12	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	ND	10-May-12	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0.715	12-Jun-12	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0.982	10-Jul-12	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0.777	01-Aug-12	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0.892	18-Sep-12	µg/L
NH034	1,2-Dichloroethene-cis	ND	18-Apr-12	µg/L
NH034	1,2-Dichloroethene-cis	ND	10-May-12	µg/L
NH034	1,2-Dichloroethene-cis	ND	12-Jun-12	µg/L
NH034	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH034	1,2-Dichloroethene-cis	ND	01-Aug-12	µg/L
NH034	1,2-Dichloroethene-cis	ND	18-Sep-12	µg/L
NH034	1,4-Dioxane	ND	10-May-12	ug/L
NH034	Carbon tetrachloride	ND	18-Apr-12	µg/L
NH034	Carbon tetrachloride	ND	10-May-12	µg/L
NH034	Carbon tetrachloride	ND	12-Jun-12	µg/L
NH034	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH034	Carbon tetrachloride	ND	01-Aug-12	µg/L
NH034	Carbon tetrachloride	ND	18-Sep-12	µg/L
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Apr-12	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-May-12	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Jun-12	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Aug-12	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Sep-12	NUM/100ml
NH034	Methyl-t-butyl ether (MTBE)	ND	18-Apr-12	µg/L
NH034	Methyl-t-butyl ether (MTBE)	ND	10-May-12	µg/L
NH034	Methyl-t-butyl ether (MTBE)	ND	12-Jun-12	µg/L
NH034	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH034	Methyl-t-butyl ether (MTBE)	ND	01-Aug-12	µg/L
NH034	Methyl-t-butyl ether (MTBE)	ND	18-Sep-12	µg/L
NH034	Nitrate (as NO3) ,calculated IC value	7.8	18-Apr-12	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	15.4	10-May-12	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	21.7	12-Jun-12	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	23	10-Jul-12	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	21.8	01-Aug-12	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	22.5	18-Sep-12	mg/L
NH034	Tetrachloroethylene (PCE)	ND	18-Apr-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH034	Tetrachloroethylene (PCE)	ND	10-May-12	µg/L
NH034	Tetrachloroethylene (PCE)	0.752	12-Jun-12	µg/L
NH034	Tetrachloroethylene (PCE)	0.992	10-Jul-12	µg/L
NH034	Tetrachloroethylene (PCE)	0.779	01-Aug-12	µg/L
NH034	Tetrachloroethylene (PCE)	1.07	18-Sep-12	µg/L
NH034	Trichloroethene (TCE)	ND	18-Apr-12	µg/L
NH034	Trichloroethene (TCE)	0.697	10-May-12	µg/L
NH034	Trichloroethene (TCE)	1.61	12-Jun-12	µg/L
NH034	Trichloroethene (TCE)	2.16	10-Jul-12	µg/L
NH034	Trichloroethene (TCE)	1.7	01-Aug-12	µg/L
NH034	Trichloroethene (TCE)	2.16	18-Sep-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	18-Apr-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	10-May-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	21-Jun-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	18-Sep-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	24-Oct-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	14-Nov-12	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	11-Jan-13	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	07-Feb-13	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	ND	19-Mar-13	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	ND	18-Apr-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	ND	10-May-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	2.1	21-Jun-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	2.04	10-Jul-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	2.99	23-Aug-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	2.22	18-Sep-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	1.68	24-Oct-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	1.5	14-Nov-12	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0.674	11-Jan-13	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0.658	07-Feb-13	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	1.01	19-Mar-13	µg/L
NH036	1,2-Dichloroethene-cis	ND	18-Apr-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	10-May-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	21-Jun-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	23-Aug-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	18-Sep-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	24-Oct-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	14-Nov-12	µg/L
NH036	1,2-Dichloroethene-cis	ND	11-Jan-13	µg/L
NH036	1,2-Dichloroethene-cis	ND	07-Feb-13	µg/L
NH036	1,2-Dichloroethene-cis	ND	19-Mar-13	µg/L
NH036	1,4-Dioxane	ND	10-May-12	ug/L
NH036	Carbon tetrachloride	ND	18-Apr-12	µg/L
NH036	Carbon tetrachloride	ND	10-May-12	µg/L
NH036	Carbon tetrachloride	ND	21-Jun-12	µg/L
NH036	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH036	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH036	Carbon tetrachloride	ND	18-Sep-12	µg/L
NH036	Carbon tetrachloride	ND	24-Oct-12	µg/L
NH036	Carbon tetrachloride	ND	14-Nov-12	µg/L
NH036	Carbon tetrachloride	ND	11-Jan-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH036	Carbon tetrachloride	ND	07-Feb-13	µg/L
NH036	Carbon tetrachloride	ND	19-Mar-13	µg/L
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Apr-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-May-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Jun-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Sep-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Oct-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Nov-12	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jan-13	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Feb-13	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Mar-13	NUM/100ml
NH036	Methyl-t-butyl ether (MTBE)	ND	18-Apr-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	10-May-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	21-Jun-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	18-Sep-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	24-Oct-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	14-Nov-12	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	11-Jan-13	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	07-Feb-13	µg/L
NH036	Methyl-t-butyl ether (MTBE)	ND	19-Mar-13	µg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.75	18-Apr-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.93	10-May-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	24	21-Jun-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	22.5	10-Jul-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	24.3	23-Aug-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	16.4	18-Sep-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	24.3	24-Oct-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	24.8	14-Nov-12	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	19.8	11-Jan-13	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	20.2	07-Feb-13	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	23.8	19-Mar-13	mg/L
NH036	Perchlorate	ND	24-Oct-12	µg/L
NH036	Perchlorate	ND	11-Jan-13	µg/L
NH036	Tetrachloroethylene (PCE)	ND	18-Apr-12	µg/L
NH036	Tetrachloroethylene (PCE)	ND	10-May-12	µg/L
NH036	Tetrachloroethylene (PCE)	0.952	21-Jun-12	µg/L
NH036	Tetrachloroethylene (PCE)	0.899	10-Jul-12	µg/L
NH036	Tetrachloroethylene (PCE)	1.27	23-Aug-12	µg/L
NH036	Tetrachloroethylene (PCE)	0.717	18-Sep-12	µg/L
NH036	Tetrachloroethylene (PCE)	0.752	24-Oct-12	µg/L
NH036	Tetrachloroethylene (PCE)	0.81	14-Nov-12	µg/L
NH036	Tetrachloroethylene (PCE)	ND	11-Jan-13	µg/L
NH036	Tetrachloroethylene (PCE)	ND	07-Feb-13	µg/L
NH036	Tetrachloroethylene (PCE)	ND	19-Mar-13	µg/L
NH036	Trichloroethene (TCE)	ND	18-Apr-12	µg/L
NH036	Trichloroethene (TCE)	ND	10-May-12	µg/L
NH036	Trichloroethene (TCE)	4.23	21-Jun-12	µg/L
NH036	Trichloroethene (TCE)	4.25	10-Jul-12	µg/L
NH036	Trichloroethene (TCE)	6.85	23-Aug-12	µg/L
NH036	Trichloroethene (TCE)	4.24	18-Sep-12	µg/L
NH036	Trichloroethene (TCE)	3.59	24-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH036	Trichloroethene (TCE)	3.22	14-Nov-12	µg/L
NH036	Trichloroethene (TCE)	1.61	11-Jan-13	µg/L
NH036	Trichloroethene (TCE)	1.52	07-Feb-13	µg/L
NH036	Trichloroethene (TCE)	2.11	19-Mar-13	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	18-Apr-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	10-May-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	21-Jun-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	18-Sep-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	24-Oct-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	14-Nov-12	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	07-Feb-13	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	ND	19-Mar-13	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	ND	18-Apr-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	ND	10-May-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	ND	21-Jun-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0.541	10-Jul-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0.801	23-Aug-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	ND	18-Sep-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0.865	24-Oct-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	1.24	14-Nov-12	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	ND	07-Feb-13	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0.831	19-Mar-13	µg/L
NH037	1,2-Dichloroethene-cis	ND	18-Apr-12	µg/L
NH037	1,2-Dichloroethene-cis	ND	10-May-12	µg/L
NH037	1,2-Dichloroethene-cis	ND	21-Jun-12	µg/L
NH037	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH037	1,2-Dichloroethene-cis	0.667	23-Aug-12	µg/L
NH037	1,2-Dichloroethene-cis	ND	18-Sep-12	µg/L
NH037	1,2-Dichloroethene-cis	ND	24-Oct-12	µg/L
NH037	1,2-Dichloroethene-cis	ND	14-Nov-12	µg/L
NH037	1,2-Dichloroethene-cis	ND	07-Feb-13	µg/L
NH037	1,2-Dichloroethene-cis	ND	19-Mar-13	µg/L
NH037	1,4-Dioxane	ND	10-May-12	ug/L
NH037	Carbon tetrachloride	ND	18-Apr-12	µg/L
NH037	Carbon tetrachloride	ND	10-May-12	µg/L
NH037	Carbon tetrachloride	ND	21-Jun-12	µg/L
NH037	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH037	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH037	Carbon tetrachloride	ND	18-Sep-12	µg/L
NH037	Carbon tetrachloride	ND	24-Oct-12	µg/L
NH037	Carbon tetrachloride	ND	14-Nov-12	µg/L
NH037	Carbon tetrachloride	ND	07-Feb-13	µg/L
NH037	Carbon tetrachloride	ND	19-Mar-13	µg/L
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Apr-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-May-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Jun-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Sep-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Oct-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Nov-12	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Feb-13	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Mar-13	NUM/100ml
NH037	Methyl-t-butyl ether (MTBE)	ND	18-Apr-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	10-May-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	21-Jun-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	18-Sep-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	24-Oct-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	14-Nov-12	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	07-Feb-13	µg/L
NH037	Methyl-t-butyl ether (MTBE)	ND	19-Mar-13	µg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.42	18-Apr-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	7.71	10-May-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	16.3	21-Jun-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	16.6	10-Jul-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	18.8	23-Aug-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	10.9	18-Sep-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	21.4	24-Oct-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	23.4	14-Nov-12	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	17.1	07-Feb-13	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	23	19-Mar-13	mg/L
NH037	Perchlorate	ND	14-Nov-12	µg/L
NH037	Tetrachloroethylene (PCE)	ND	18-Apr-12	µg/L
NH037	Tetrachloroethylene (PCE)	ND	10-May-12	µg/L
NH037	Tetrachloroethylene (PCE)	2.02	21-Jun-12	µg/L
NH037	Tetrachloroethylene (PCE)	2.52	10-Jul-12	µg/L
NH037	Tetrachloroethylene (PCE)	4.96	23-Aug-12	µg/L
NH037	Tetrachloroethylene (PCE)	1.7	18-Sep-12	µg/L
NH037	Tetrachloroethylene (PCE)	4.39	24-Oct-12	µg/L
NH037	Tetrachloroethylene (PCE)	4.52	14-Nov-12	µg/L
NH037	Tetrachloroethylene (PCE)	0.805	07-Feb-13	µg/L
NH037	Tetrachloroethylene (PCE)	1.75	19-Mar-13	µg/L
NH037	Trichloroethene (TCE)	ND	18-Apr-12	µg/L
NH037	Trichloroethene (TCE)	ND	10-May-12	µg/L
NH037	Trichloroethene (TCE)	1.56	21-Jun-12	µg/L
NH037	Trichloroethene (TCE)	1.97	10-Jul-12	µg/L
NH037	Trichloroethene (TCE)	3.8	23-Aug-12	µg/L
NH037	Trichloroethene (TCE)	1.37	18-Sep-12	µg/L
NH037	Trichloroethene (TCE)	3.62	24-Oct-12	µg/L
NH037	Trichloroethene (TCE)	4.25	14-Nov-12	µg/L
NH037	Trichloroethene (TCE)	0.976	07-Feb-13	µg/L
NH037	Trichloroethene (TCE)	2.44	19-Mar-13	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	18-Apr-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	10-May-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	21-Jun-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	26-Sep-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	24-Oct-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	ND	19-Mar-13	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	ND	18-Apr-12	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	ND	10-May-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH043A	1,1-Dichloroethene (1,1-DCE)	ND	21-Jun-12	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0.646	10-Jul-12	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	1.59	23-Aug-12	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	1.96	26-Sep-12	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	1.15	24-Oct-12	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	1.69	29-Nov-12	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	1.48	28-Feb-13	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	1.54	19-Mar-13	µg/L
NH043A	1,2-Dichloroethene-cis	ND	18-Apr-12	µg/L
NH043A	1,2-Dichloroethene-cis	ND	10-May-12	µg/L
NH043A	1,2-Dichloroethene-cis	ND	21-Jun-12	µg/L
NH043A	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH043A	1,2-Dichloroethene-cis	ND	23-Aug-12	µg/L
NH043A	1,2-Dichloroethene-cis	ND	26-Sep-12	µg/L
NH043A	1,2-Dichloroethene-cis	ND	24-Oct-12	µg/L
NH043A	1,2-Dichloroethene-cis	0.937	29-Nov-12	µg/L
NH043A	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
NH043A	1,2-Dichloroethene-cis	ND	19-Mar-13	µg/L
NH043A	1,4-Dioxane	ND	10-May-12	ug/L
NH043A	Bromide ,Ion-Chromatography	0.267	21-Jun-12	mg/L
NH043A	Bromide ,Ion-Chromatography	0.237	26-Sep-12	mg/L
NH043A	Carbon tetrachloride	ND	18-Apr-12	µg/L
NH043A	Carbon tetrachloride	ND	10-May-12	µg/L
NH043A	Carbon tetrachloride	ND	21-Jun-12	µg/L
NH043A	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH043A	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH043A	Carbon tetrachloride	ND	26-Sep-12	µg/L
NH043A	Carbon tetrachloride	ND	24-Oct-12	µg/L
NH043A	Carbon tetrachloride	ND	29-Nov-12	µg/L
NH043A	Carbon tetrachloride	ND	28-Feb-13	µg/L
NH043A	Carbon tetrachloride	ND	19-Mar-13	µg/L
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Apr-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-May-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Jun-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Sep-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Oct-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Mar-13	NUM/100ml
NH043A	Iron (Fe), ICP-OES	21.4	26-Sep-12	ug/L
NH043A	Manganese	2.4	26-Sep-12	ug/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	18-Apr-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	10-May-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	21-Jun-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	26-Sep-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	24-Oct-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	ND	19-Mar-13	µg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.51	18-Apr-12	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.47	10-May-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH043A	Nitrate (as NO3) ,calculated IC value	11.3	21-Jun-12	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	14.2	10-Jul-12	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	23	23-Aug-12	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	28	26-Sep-12	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	19.8	24-Oct-12	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	23.2	29-Nov-12	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	26.8	28-Feb-13	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	27.3	19-Mar-13	mg/L
NH043A	Perchlorate	ND	10-May-12	µg/L
NH043A	Tetrachloroethylene (PCE)	ND	18-Apr-12	µg/L
NH043A	Tetrachloroethylene (PCE)	ND	10-May-12	µg/L
NH043A	Tetrachloroethylene (PCE)	ND	21-Jun-12	µg/L
NH043A	Tetrachloroethylene (PCE)	ND	10-Jul-12	µg/L
NH043A	Tetrachloroethylene (PCE)	2.05	23-Aug-12	µg/L
NH043A	Tetrachloroethylene (PCE)	2.15	26-Sep-12	µg/L
NH043A	Tetrachloroethylene (PCE)	2.74	24-Oct-12	µg/L
NH043A	Tetrachloroethylene (PCE)	8.15	29-Nov-12	µg/L
NH043A	Tetrachloroethylene (PCE)	3.93	28-Feb-13	µg/L
NH043A	Tetrachloroethylene (PCE)	2.49	19-Mar-13	µg/L
NH043A	Trichloroethene (TCE)	ND	18-Apr-12	µg/L
NH043A	Trichloroethene (TCE)	ND	10-May-12	µg/L
NH043A	Trichloroethene (TCE)	1.05	21-Jun-12	µg/L
NH043A	Trichloroethene (TCE)	1.5	10-Jul-12	µg/L
NH043A	Trichloroethene (TCE)	4.75	23-Aug-12	µg/L
NH043A	Trichloroethene (TCE)	5.46	26-Sep-12	µg/L
NH043A	Trichloroethene (TCE)	4.81	24-Oct-12	µg/L
NH043A	Trichloroethene (TCE)	10.4	29-Nov-12	µg/L
NH043A	Trichloroethene (TCE)	7.72	28-Feb-13	µg/L
NH043A	Trichloroethene (TCE)	6.37	19-Mar-13	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	24-Apr-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	10-May-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	21-Jun-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	18-Sep-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	24-Oct-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	07-Feb-13	µg/L
NH044	1,1-Dichloroethane (1,1-DCA)	ND	18-Mar-13	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	24-Apr-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	10-May-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	21-Jun-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	10-Jul-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	23-Aug-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	18-Sep-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	24-Oct-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	0.747	29-Nov-12	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	ND	07-Feb-13	µg/L
NH044	1,1-Dichloroethene (1,1-DCE)	0.695	18-Mar-13	µg/L
NH044	1,2-Dichloroethene-cis	ND	24-Apr-12	µg/L
NH044	1,2-Dichloroethene-cis	ND	10-May-12	µg/L
NH044	1,2-Dichloroethene-cis	ND	21-Jun-12	µg/L
NH044	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH044	1,2-Dichloroethene-cis	ND	23-Aug-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH044	1,2-Dichloroethene-cis	ND	18-Sep-12	µg/L
NH044	1,2-Dichloroethene-cis	ND	24-Oct-12	µg/L
NH044	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
NH044	1,2-Dichloroethene-cis	ND	07-Feb-13	µg/L
NH044	1,2-Dichloroethene-cis	ND	18-Mar-13	µg/L
NH044	1,4-Dioxane	ND	24-Apr-12	ug/L
NH044	1,4-Dioxane	ND	10-May-12	ug/L
NH044	Bromide ,Ion-Chromatography	0.353	24-Apr-12	mg/L
NH044	Bromide ,Ion-Chromatography	0.329	10-May-12	mg/L
NH044	Carbon tetrachloride	ND	24-Apr-12	µg/L
NH044	Carbon tetrachloride	ND	10-May-12	µg/L
NH044	Carbon tetrachloride	ND	21-Jun-12	µg/L
NH044	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH044	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH044	Carbon tetrachloride	ND	18-Sep-12	µg/L
NH044	Carbon tetrachloride	ND	24-Oct-12	µg/L
NH044	Carbon tetrachloride	ND	29-Nov-12	µg/L
NH044	Carbon tetrachloride	ND	07-Feb-13	µg/L
NH044	Carbon tetrachloride	ND	18-Mar-13	µg/L
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	2	24-Apr-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-May-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Jun-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Sep-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Oct-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Feb-13	NUM/100ml
NH044	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Mar-13	NUM/100ml
NH044	Iron (Fe), ICP-OES	902	24-Apr-12	ug/L
NH044	Iron (Fe), ICP-OES	532	21-Jun-12	ug/L
NH044	Iron (Fe), ICP-OES	292	10-Jul-12	ug/L
NH044	Iron (Fe), ICP-OES	275	23-Aug-12	ug/L
NH044	Iron (Fe), ICP-OES	371	18-Sep-12	ug/L
NH044	Iron (Fe), ICP-OES	61.2	29-Nov-12	ug/L
NH044	Iron (Fe), ICP-OES	ND	07-Feb-13	ug/L
NH044	Manganese	19.9	24-Apr-12	ug/L
NH044	Methyl-t-butyl ether (MTBE)	ND	24-Apr-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	10-May-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	21-Jun-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	18-Sep-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	24-Oct-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	07-Feb-13	µg/L
NH044	Methyl-t-butyl ether (MTBE)	ND	18-Mar-13	µg/L
NH044	Nitrate (as NO3) ,calculated IC value	4.92	24-Apr-12	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	4.87	10-May-12	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	8.02	21-Jun-12	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	7.89	10-Jul-12	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	10.2	23-Aug-12	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	8.11	18-Sep-12	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	11.3	24-Oct-12	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	12.4	29-Nov-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH044	Nitrate (as NO3) ,calculated IC value	9.35	07-Feb-13	mg/L
NH044	Nitrate (as NO3) ,calculated IC value	13.2	18-Mar-13	mg/L
NH044	Perchlorate	ND	24-Apr-12	µg/L
NH044	Perchlorate	ND	10-Jul-12	µg/L
NH044	Perchlorate	ND	24-Oct-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	24-Apr-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	10-May-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	21-Jun-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	10-Jul-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	23-Aug-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	18-Sep-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	24-Oct-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	29-Nov-12	µg/L
NH044	Tetrachloroethylene (PCE)	ND	07-Feb-13	µg/L
NH044	Tetrachloroethylene (PCE)	0.699	18-Mar-13	µg/L
NH044	Trichloroethene (TCE)	ND	24-Apr-12	µg/L
NH044	Trichloroethene (TCE)	ND	10-May-12	µg/L
NH044	Trichloroethene (TCE)	ND	21-Jun-12	µg/L
NH044	Trichloroethene (TCE)	ND	10-Jul-12	µg/L
NH044	Trichloroethene (TCE)	0.652	23-Aug-12	µg/L
NH044	Trichloroethene (TCE)	ND	18-Sep-12	µg/L
NH044	Trichloroethene (TCE)	0.968	24-Oct-12	µg/L
NH044	Trichloroethene (TCE)	1.74	29-Nov-12	µg/L
NH044	Trichloroethene (TCE)	0.625	07-Feb-13	µg/L
NH044	Trichloroethene (TCE)	2.52	18-Mar-13	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	18-Apr-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	10-May-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	12-Jun-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	10-Jul-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	23-Aug-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	18-Sep-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	24-Oct-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	14-Nov-12	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	ND	18-Mar-13	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	18-Apr-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	10-May-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	12-Jun-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	10-Jul-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	23-Aug-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	18-Sep-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	24-Oct-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	14-Nov-12	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	ND	18-Mar-13	µg/L
NH045	1,2-Dichloroethene-cis	ND	18-Apr-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	10-May-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	12-Jun-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	10-Jul-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	23-Aug-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	18-Sep-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	24-Oct-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	14-Nov-12	µg/L
NH045	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH045	1,2-Dichloroethene-cis	ND	18-Mar-13	µg/L
NH045	1,4-Dioxane	ND	10-May-12	ug/L
NH045	Carbon tetrachloride	ND	18-Apr-12	µg/L
NH045	Carbon tetrachloride	ND	10-May-12	µg/L
NH045	Carbon tetrachloride	ND	12-Jun-12	µg/L
NH045	Carbon tetrachloride	ND	10-Jul-12	µg/L
NH045	Carbon tetrachloride	ND	23-Aug-12	µg/L
NH045	Carbon tetrachloride	ND	18-Sep-12	µg/L
NH045	Carbon tetrachloride	ND	24-Oct-12	µg/L
NH045	Carbon tetrachloride	ND	14-Nov-12	µg/L
NH045	Carbon tetrachloride	ND	28-Feb-13	µg/L
NH045	Carbon tetrachloride	ND	18-Mar-13	µg/L
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Apr-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-May-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Jun-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jul-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Aug-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Sep-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Oct-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Nov-12	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Mar-13	NUM/100ml
NH045	Methyl-t-butyl ether (MTBE)	ND	18-Apr-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	10-May-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	12-Jun-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	10-Jul-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	23-Aug-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	18-Sep-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	24-Oct-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	14-Nov-12	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
NH045	Methyl-t-butyl ether (MTBE)	ND	18-Mar-13	µg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.31	18-Apr-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	5.94	10-May-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	10.1	12-Jun-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	11.3	10-Jul-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	11.9	23-Aug-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	12.5	18-Sep-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	12.6	24-Oct-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	12.8	14-Nov-12	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	13.5	28-Feb-13	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	13.1	18-Mar-13	mg/L
NH045	Perchlorate	ND	18-Apr-12	µg/L
NH045	Tetrachloroethylene (PCE)	ND	18-Apr-12	µg/L
NH045	Tetrachloroethylene (PCE)	ND	10-May-12	µg/L
NH045	Tetrachloroethylene (PCE)	ND	12-Jun-12	µg/L
NH045	Tetrachloroethylene (PCE)	ND	10-Jul-12	µg/L
NH045	Tetrachloroethylene (PCE)	ND	23-Aug-12	µg/L
NH045	Tetrachloroethylene (PCE)	ND	18-Sep-12	µg/L
NH045	Tetrachloroethylene (PCE)	0.504	24-Oct-12	µg/L
NH045	Tetrachloroethylene (PCE)	0.581	14-Nov-12	µg/L
NH045	Tetrachloroethylene (PCE)	ND	28-Feb-13	µg/L
NH045	Tetrachloroethylene (PCE)	0.516	18-Mar-13	µg/L
NH045	Trichloroethene (TCE)	ND	18-Apr-12	µg/L
NH045	Trichloroethene (TCE)	ND	10-May-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
NH045	Trichloroethene (TCE)	ND	12-Jun-12	µg/L
NH045	Trichloroethene (TCE)	0.708	10-Jul-12	µg/L
NH045	Trichloroethene (TCE)	1.07	23-Aug-12	µg/L
NH045	Trichloroethene (TCE)	1.27	18-Sep-12	µg/L
NH045	Trichloroethene (TCE)	1.15	24-Oct-12	µg/L
NH045	Trichloroethene (TCE)	1.31	14-Nov-12	µg/L
NH045	Trichloroethene (TCE)	0.799	28-Feb-13	µg/L
NH045	Trichloroethene (TCE)	1.21	18-Mar-13	µg/L
NN012	1,1-Dichloroethane (1,1-DCA)	ND	23-May-12	µg/L
NN012	1,1-Dichloroethene (1,1-DCE)	ND	23-May-12	µg/L
NN012	1,2-Dichloroethene-cis	ND	23-May-12	µg/L
NN012	Carbon tetrachloride	ND	23-May-12	µg/L
NN012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-May-12	NUM/100ml
NN012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Jun-12	NUM/100ml
NN012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Jul-12	NUM/100ml
NN012	Methyl-t-butyl ether (MTBE)	ND	23-May-12	µg/L
NN012	Nitrate (as NO3) ,calculated IC value	ND	14-Jun-12	mg/L
NN012	Tetrachloroethylene (PCE)	ND	23-May-12	µg/L
NN012	Trichloroethene (TCE)	ND	23-May-12	µg/L
NN013	1,1-Dichloroethane (1,1-DCA)	ND	11-Dec-12	µg/L
NN013	1,1-Dichloroethene (1,1-DCE)	ND	11-Dec-12	µg/L
NN013	1,2-Dichloroethene-cis	ND	11-Dec-12	µg/L
NN013	1,4-Dioxane	ND	24-Apr-12	ug/L
NN013	Bromide ,Ion-Chromatography	0.1	24-Apr-12	mg/L
NN013	Carbon tetrachloride	ND	11-Dec-12	µg/L
NN013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Apr-12	NUM/100ml
NN013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-May-12	NUM/100ml
NN013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Dec-12	NUM/100ml
NN013	Iron (Fe), ICP-OES	102	24-Apr-12	ug/L
NN013	Manganese	55.9	24-Apr-12	ug/L
NN013	Methyl-t-butyl ether (MTBE)	ND	11-Dec-12	µg/L
NN013	Nitrate (as NO3) ,calculated IC value	ND	24-Apr-12	mg/L
NN013	Nitrate (as NO3) ,calculated IC value	ND	11-Dec-12	mg/L
NN013	Tetrachloroethylene (PCE)	ND	11-Dec-12	µg/L
NN013	Trichloroethene (TCE)	ND	11-Dec-12	µg/L
NN014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Jun-12	NUM/100ml
NN014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Jul-12	NUM/100ml
NN015	1,1-Dichloroethane (1,1-DCA)	ND	24-Apr-12	µg/L
NN015	1,1-Dichloroethene (1,1-DCE)	ND	24-Apr-12	µg/L
NN015	1,2-Dichloroethene-cis	ND	24-Apr-12	µg/L
NN015	1,4-Dioxane	ND	24-Apr-12	ug/L
NN015	Bromide ,Ion-Chromatography	0.097	24-Apr-12	mg/L
NN015	Carbon tetrachloride	ND	24-Apr-12	µg/L
NN015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Apr-12	NUM/100ml
NN015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-May-12	NUM/100ml
NN015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Jun-12	NUM/100ml
NN015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	24-Jul-12	NUM/100ml
NN015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Aug-12	NUM/100ml
NN015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Dec-12	NUM/100ml
NN015	Iron (Fe), ICP-OES	ND	24-Apr-12	ug/L
NN015	Manganese	47.9	24-Apr-12	ug/L

Location Code	Analyte Name	Result	Collection Date	Unit
NN015	Methyl-t-butyl ether (MTBE)	ND	24-Apr-12	µg/L
NN015	Nitrate (as NO3) ,calculated IC value	ND	24-Apr-12	mg/L
NN015	Tetrachloroethylene (PCE)	ND	24-Apr-12	µg/L
NN015	Trichloroethene (TCE)	ND	24-Apr-12	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	ND	14-Jun-12	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	ND	26-Jul-12	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	ND	17-Aug-12	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	ND	11-Sep-12	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	ND	03-Oct-12	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	ND	14-Jun-12	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	0.965	26-Jul-12	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	0.874	17-Aug-12	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	0.832	11-Sep-12	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	0.801	03-Oct-12	µg/L
PL004	1,2-Dichloroethene-cis	ND	14-Jun-12	µg/L
PL004	1,2-Dichloroethene-cis	ND	26-Jul-12	µg/L
PL004	1,2-Dichloroethene-cis	ND	17-Aug-12	µg/L
PL004	1,2-Dichloroethene-cis	ND	11-Sep-12	µg/L
PL004	1,2-Dichloroethene-cis	ND	03-Oct-12	µg/L
PL004	Carbon tetrachloride	ND	14-Jun-12	µg/L
PL004	Carbon tetrachloride	ND	26-Jul-12	µg/L
PL004	Carbon tetrachloride	ND	17-Aug-12	µg/L
PL004	Carbon tetrachloride	ND	11-Sep-12	µg/L
PL004	Carbon tetrachloride	ND	03-Oct-12	µg/L
PL004	Chromium (Cr) Total, ICP/MS	1.7	14-Jun-12	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.7	26-Jul-12	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.6	17-Aug-12	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.7	11-Sep-12	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.7	03-Oct-12	ug/L
PL004	Chromium (Cr+6) ,Diphenylcarbazide col	1.64	14-Jun-12	µg/L
PL004	Chromium (Cr+6) ,Diphenylcarbazide col	1.62	26-Jul-12	µg/L
PL004	Chromium (Cr+6) ,Diphenylcarbazide col	1.65	17-Aug-12	µg/L
PL004	Chromium (Cr+6) ,Diphenylcarbazide col	1.63	11-Sep-12	µg/L
PL004	Chromium (Cr+6) ,Diphenylcarbazide col	1.6	03-Oct-12	µg/L
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Jun-12	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	17-Aug-12	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Sep-12	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	03-Oct-12	NUM/100ml
PL004	Methyl-t-butyl ether (MTBE)	ND	14-Jun-12	µg/L
PL004	Methyl-t-butyl ether (MTBE)	ND	26-Jul-12	µg/L
PL004	Methyl-t-butyl ether (MTBE)	ND	17-Aug-12	µg/L
PL004	Methyl-t-butyl ether (MTBE)	ND	11-Sep-12	µg/L
PL004	Methyl-t-butyl ether (MTBE)	ND	03-Oct-12	µg/L
PL004	Nitrate (as NO3) ,calculated IC value	34.3	14-Jun-12	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	28.2	26-Jul-12	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	27.2	17-Aug-12	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	27.4	11-Sep-12	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	26.6	03-Oct-12	mg/L
PL004	Perchlorate	2.33	03-Oct-12	µg/L
PL004	Tetrachloroethylene (PCE)	1.37	14-Jun-12	µg/L
PL004	Tetrachloroethylene (PCE)	2.24	26-Jul-12	µg/L
PL004	Tetrachloroethylene (PCE)	2.31	17-Aug-12	µg/L
PL004	Tetrachloroethylene (PCE)	2.32	11-Sep-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
PL004	Tetrachloroethylene (PCE)	2.16	03-Oct-12	µg/L
PL004	Trichloroethene (TCE)	1.93	14-Jun-12	µg/L
PL004	Trichloroethene (TCE)	3.26	26-Jul-12	µg/L
PL004	Trichloroethene (TCE)	3.22	17-Aug-12	µg/L
PL004	Trichloroethene (TCE)	3.32	11-Sep-12	µg/L
PL004	Trichloroethene (TCE)	3.26	03-Oct-12	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	ND	14-Jun-12	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	ND	26-Jul-12	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	ND	17-Aug-12	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	ND	11-Sep-12	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	ND	03-Oct-12	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	4.87	14-Jun-12	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	7.12	26-Jul-12	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	8.01	17-Aug-12	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	8.87	11-Sep-12	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	9.61	03-Oct-12	µg/L
PL006	1,2-Dichloroethene-cis	ND	14-Jun-12	µg/L
PL006	1,2-Dichloroethene-cis	ND	26-Jul-12	µg/L
PL006	1,2-Dichloroethene-cis	ND	17-Aug-12	µg/L
PL006	1,2-Dichloroethene-cis	ND	11-Sep-12	µg/L
PL006	1,2-Dichloroethene-cis	ND	03-Oct-12	µg/L
PL006	1,4-Dioxane	3.2	26-Jul-12	ug/L
PL006	1,4-Dioxane	3.3	17-Aug-12	ug/L
PL006	1,4-Dioxane	3.49	11-Sep-12	ug/L
PL006	1,4-Dioxane	3.65	03-Oct-12	ug/L
PL006	Carbon tetrachloride	ND	14-Jun-12	µg/L
PL006	Carbon tetrachloride	ND	26-Jul-12	µg/L
PL006	Carbon tetrachloride	0.283	17-Aug-12	µg/L
PL006	Carbon tetrachloride	0.262	11-Sep-12	µg/L
PL006	Carbon tetrachloride	0.296	03-Oct-12	µg/L
PL006	Chromium (Cr) Total, ICP/MS	2.1	14-Jun-12	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2.1	26-Jul-12	ug/L
PL006	Chromium (Cr) Total, ICP/MS	1.9	17-Aug-12	ug/L
PL006	Chromium (Cr) Total, ICP/MS	1.9	11-Sep-12	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2	03-Oct-12	ug/L
PL006	Chromium (Cr+6) ,Diphenylcarbazide col	2.12	14-Jun-12	µg/L
PL006	Chromium (Cr+6) ,Diphenylcarbazide col	1.96	26-Jul-12	µg/L
PL006	Chromium (Cr+6) ,Diphenylcarbazide col	1.98	17-Aug-12	µg/L
PL006	Chromium (Cr+6) ,Diphenylcarbazide col	1.96	11-Sep-12	µg/L
PL006	Chromium (Cr+6) ,Diphenylcarbazide col	1.91	03-Oct-12	µg/L
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Jun-12	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	17-Aug-12	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Sep-12	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	03-Oct-12	NUM/100ml
PL006	Methyl-t-butyl ether (MTBE)	ND	14-Jun-12	µg/L
PL006	Methyl-t-butyl ether (MTBE)	ND	26-Jul-12	µg/L
PL006	Methyl-t-butyl ether (MTBE)	ND	17-Aug-12	µg/L
PL006	Methyl-t-butyl ether (MTBE)	ND	11-Sep-12	µg/L
PL006	Methyl-t-butyl ether (MTBE)	ND	03-Oct-12	µg/L
PL006	Nitrate (as NO3) ,calculated IC value	37.8	14-Jun-12	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.6	26-Jul-12	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.6	17-Aug-12	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	37.6	11-Sep-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
PL006	Nitrate (as NO3) ,calculated IC value	37	03-Oct-12	mg/L
PL006	Perchlorate	3.08	11-Sep-12	µg/L
PL006	Perchlorate	2.79	03-Oct-12	µg/L
PL006	Tetrachloroethylene (PCE)	8.7	14-Jun-12	µg/L
PL006	Tetrachloroethylene (PCE)	11.8	26-Jul-12	µg/L
PL006	Tetrachloroethylene (PCE)	13.5	17-Aug-12	µg/L
PL006	Tetrachloroethylene (PCE)	12.7	11-Sep-12	µg/L
PL006	Tetrachloroethylene (PCE)	13.4	03-Oct-12	µg/L
PL006	Trichloroethene (TCE)	9.49	14-Jun-12	µg/L
PL006	Trichloroethene (TCE)	12.1	26-Jul-12	µg/L
PL006	Trichloroethene (TCE)	13.5	17-Aug-12	µg/L
PL006	Trichloroethene (TCE)	13.1	11-Sep-12	µg/L
PL006	Trichloroethene (TCE)	14	03-Oct-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	19-Jul-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	16-Oct-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	19-Jul-12	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	16-Oct-12	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT001	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT001	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT001	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT001	1,2-Dichloroethene-cis	ND	19-Jul-12	µg/L
RT001	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT001	1,2-Dichloroethene-cis	ND	16-Oct-12	µg/L
RT001	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
RT001	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT001	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT001	1,4-Dioxane	ND	06-Jun-12	ug/L
RT001	Bromide ,Ion-Chromatography	0.076	16-Oct-12	mg/L
RT001	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT001	Carbon tetrachloride	ND	08-May-12	µg/L
RT001	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT001	Carbon tetrachloride	ND	19-Jul-12	µg/L
RT001	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT001	Carbon tetrachloride	ND	16-Oct-12	µg/L
RT001	Carbon tetrachloride	ND	29-Nov-12	µg/L
RT001	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT001	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Jul-12	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Oct-12	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT001	Iron (Fe), ICP-OES	ND	16-Oct-12	ug/L
RT001	Manganese	ND	16-Oct-12	ug/L
RT001	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	19-Jul-12	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	16-Oct-12	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT001	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT001	Nitrate (as NO3) ,calculated IC value	7.35	04-Apr-12	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	7.13	08-May-12	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	14.2	06-Jun-12	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	17.6	19-Jul-12	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	18.4	16-Aug-12	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	13.1	16-Oct-12	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	17.9	29-Nov-12	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	14.7	26-Feb-13	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	19.3	26-Mar-13	mg/L
RT001	Perchlorate	ND	06-Jun-12	µg/L
RT001	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT001	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT001	Tetrachloroethylene (PCE)	0.858	06-Jun-12	µg/L
RT001	Tetrachloroethylene (PCE)	1.48	19-Jul-12	µg/L
RT001	Tetrachloroethylene (PCE)	1.75	16-Aug-12	µg/L
RT001	Tetrachloroethylene (PCE)	0.965	16-Oct-12	µg/L
RT001	Tetrachloroethylene (PCE)	1.79	29-Nov-12	µg/L
RT001	Tetrachloroethylene (PCE)	0.804	26-Feb-13	µg/L
RT001	Tetrachloroethylene (PCE)	1.6	26-Mar-13	µg/L
RT001	Trichloroethene (TCE)	ND	04-Apr-12	µg/L
RT001	Trichloroethene (TCE)	ND	08-May-12	µg/L
RT001	Trichloroethene (TCE)	18.3	06-Jun-12	µg/L
RT001	Trichloroethene (TCE)	30.2	19-Jul-12	µg/L
RT001	Trichloroethene (TCE)	33.4	16-Aug-12	µg/L
RT001	Trichloroethene (TCE)	14.1	16-Oct-12	µg/L
RT001	Trichloroethene (TCE)	25.9	29-Nov-12	µg/L
RT001	Trichloroethene (TCE)	15.6	26-Feb-13	µg/L
RT001	Trichloroethene (TCE)	25.6	26-Mar-13	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	19-Jul-12	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	17-Oct-12	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT002	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	19-Jul-12	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	17-Oct-12	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT002	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT002	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT002	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT002	1,2-Dichloroethene-cis	ND	19-Jul-12	µg/L
RT002	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT002	1,2-Dichloroethene-cis	ND	17-Oct-12	µg/L
RT002	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
RT002	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT002	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT002	1,4-Dioxane	ND	06-Jun-12	ug/L
RT002	Bromide ,Ion-Chromatography	0.098	26-Mar-13	mg/L
RT002	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT002	Carbon tetrachloride	ND	08-May-12	µg/L
RT002	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT002	Carbon tetrachloride	ND	19-Jul-12	µg/L
RT002	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT002	Carbon tetrachloride	ND	17-Oct-12	µg/L
RT002	Carbon tetrachloride	ND	29-Nov-12	µg/L
RT002	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT002	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Jul-12	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	17-Oct-12	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT002	Iron (Fe), ICP-OES	ND	26-Mar-13	ug/L
RT002	Manganese	ND	26-Mar-13	ug/L
RT002	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	19-Jul-12	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	17-Oct-12	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT002	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT002	Nitrate (as NO3) ,calculated IC value	14.7	04-Apr-12	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	14.3	08-May-12	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	21.4	06-Jun-12	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	23.7	19-Jul-12	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	22.5	16-Aug-12	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	14.8	17-Oct-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT002	Nitrate (as NO3) ,calculated IC value	14.8	29-Nov-12	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	16.9	26-Feb-13	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	21.2	26-Mar-13	mg/L
RT002	Perchlorate	5.97	17-Oct-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	06-Jun-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	19-Jul-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	17-Oct-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	29-Nov-12	µg/L
RT002	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
RT002	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT002	Trichloroethene (TCE)	0.761	04-Apr-12	µg/L
RT002	Trichloroethene (TCE)	0.703	08-May-12	µg/L
RT002	Trichloroethene (TCE)	0.889	06-Jun-12	µg/L
RT002	Trichloroethene (TCE)	1	19-Jul-12	µg/L
RT002	Trichloroethene (TCE)	1.17	16-Aug-12	µg/L
RT002	Trichloroethene (TCE)	0.893	17-Oct-12	µg/L
RT002	Trichloroethene (TCE)	1.17	29-Nov-12	µg/L
RT002	Trichloroethene (TCE)	0.654	26-Feb-13	µg/L
RT002	Trichloroethene (TCE)	0.95	26-Mar-13	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	06-Apr-12	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	09-May-12	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	19-Jul-12	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	17-Oct-12	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	21-Nov-12	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	11-Jan-13	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	27-Feb-13	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	06-Apr-12	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	09-May-12	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	19-Jul-12	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	17-Oct-12	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	21-Nov-12	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	11-Jan-13	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	27-Feb-13	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT003	1,2-Dichloroethene-cis	ND	06-Apr-12	µg/L
RT003	1,2-Dichloroethene-cis	ND	09-May-12	µg/L
RT003	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
RT003	1,2-Dichloroethene-cis	ND	19-Jul-12	µg/L
RT003	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT003	1,2-Dichloroethene-cis	ND	17-Oct-12	µg/L
RT003	1,2-Dichloroethene-cis	ND	21-Nov-12	µg/L
RT003	1,2-Dichloroethene-cis	ND	11-Jan-13	µg/L
RT003	1,2-Dichloroethene-cis	ND	27-Feb-13	µg/L
RT003	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT003	1,4-Dioxane	ND	07-Jun-12	ug/L
RT003	Carbon tetrachloride	ND	06-Apr-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT003	Carbon tetrachloride	ND	09-May-12	µg/L
RT003	Carbon tetrachloride	ND	07-Jun-12	µg/L
RT003	Carbon tetrachloride	ND	19-Jul-12	µg/L
RT003	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT003	Carbon tetrachloride	ND	17-Oct-12	µg/L
RT003	Carbon tetrachloride	ND	21-Nov-12	µg/L
RT003	Carbon tetrachloride	ND	11-Jan-13	µg/L
RT003	Carbon tetrachloride	ND	27-Feb-13	µg/L
RT003	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-May-12	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Jul-12	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	17-Oct-12	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jan-13	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Feb-13	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT003	Methyl-t-butyl ether (MTBE)	ND	06-Apr-12	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	09-May-12	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	19-Jul-12	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	17-Oct-12	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	11-Jan-13	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	27-Feb-13	µg/L
RT003	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT003	Nitrate (as NO3) ,calculated IC value	14.2	06-Apr-12	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	14.8	09-May-12	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	18	07-Jun-12	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	19.5	19-Jul-12	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	19.2	16-Aug-12	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	14.9	17-Oct-12	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	15.2	21-Nov-12	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	14	11-Jan-13	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	15.9	27-Feb-13	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	16.3	26-Mar-13	mg/L
RT003	Perchlorate	7.28	06-Apr-12	µg/L
RT003	Perchlorate	7.54	09-May-12	µg/L
RT003	Perchlorate	4.1	07-Jun-12	µg/L
RT003	Perchlorate	5.25	19-Jul-12	µg/L
RT003	Perchlorate	6.63	16-Aug-12	µg/L
RT003	Perchlorate	9.2	17-Oct-12	µg/L
RT003	Perchlorate	9.42	21-Nov-12	µg/L
RT003	Perchlorate	9.21	11-Jan-13	µg/L
RT003	Perchlorate	7.42	26-Mar-13	µg/L
RT003	Tetrachloroethylene (PCE)	ND	06-Apr-12	µg/L
RT003	Tetrachloroethylene (PCE)	ND	09-May-12	µg/L
RT003	Tetrachloroethylene (PCE)	ND	07-Jun-12	µg/L
RT003	Tetrachloroethylene (PCE)	ND	19-Jul-12	µg/L
RT003	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT003	Tetrachloroethylene (PCE)	ND	17-Oct-12	µg/L
RT003	Tetrachloroethylene (PCE)	ND	21-Nov-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT003	Tetrachloroethylene (PCE)	ND	11-Jan-13	µg/L
RT003	Tetrachloroethylene (PCE)	ND	27-Feb-13	µg/L
RT003	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT003	Trichloroethene (TCE)	0.929	06-Apr-12	µg/L
RT003	Trichloroethene (TCE)	0.959	09-May-12	µg/L
RT003	Trichloroethene (TCE)	1.01	07-Jun-12	µg/L
RT003	Trichloroethene (TCE)	1.15	19-Jul-12	µg/L
RT003	Trichloroethene (TCE)	1.29	16-Aug-12	µg/L
RT003	Trichloroethene (TCE)	1.19	17-Oct-12	µg/L
RT003	Trichloroethene (TCE)	1.64	21-Nov-12	µg/L
RT003	Trichloroethene (TCE)	1.01	11-Jan-13	µg/L
RT003	Trichloroethene (TCE)	0.644	27-Feb-13	µg/L
RT003	Trichloroethene (TCE)	0.992	26-Mar-13	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	06-Apr-12	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	09-May-12	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	19-Jul-12	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	17-Oct-12	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	21-Nov-12	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	11-Jan-13	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	27-Feb-13	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	06-Apr-12	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	09-May-12	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	19-Jul-12	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	17-Oct-12	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	21-Nov-12	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	11-Jan-13	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	27-Feb-13	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT004	1,2-Dichloroethene-cis	ND	06-Apr-12	µg/L
RT004	1,2-Dichloroethene-cis	ND	09-May-12	µg/L
RT004	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
RT004	1,2-Dichloroethene-cis	ND	19-Jul-12	µg/L
RT004	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT004	1,2-Dichloroethene-cis	ND	17-Oct-12	µg/L
RT004	1,2-Dichloroethene-cis	ND	21-Nov-12	µg/L
RT004	1,2-Dichloroethene-cis	ND	11-Jan-13	µg/L
RT004	1,2-Dichloroethene-cis	ND	27-Feb-13	µg/L
RT004	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT004	1,4-Dioxane	ND	07-Jun-12	ug/L
RT004	Bromide ,Ion-Chromatography	0.101	09-May-12	mg/L
RT004	Carbon tetrachloride	ND	06-Apr-12	µg/L
RT004	Carbon tetrachloride	ND	09-May-12	µg/L
RT004	Carbon tetrachloride	ND	07-Jun-12	µg/L
RT004	Carbon tetrachloride	ND	19-Jul-12	µg/L
RT004	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT004	Carbon tetrachloride	ND	17-Oct-12	µg/L
RT004	Carbon tetrachloride	ND	21-Nov-12	µg/L
RT004	Carbon tetrachloride	ND	11-Jan-13	µg/L
RT004	Carbon tetrachloride	ND	27-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT004	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-May-12	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Jul-12	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	17-Oct-12	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jan-13	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Feb-13	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT004	Methyl-t-butyl ether (MTBE)	ND	06-Apr-12	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	09-May-12	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	19-Jul-12	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	17-Oct-12	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	11-Jan-13	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	27-Feb-13	µg/L
RT004	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT004	Nitrate (as NO3) ,calculated IC value	13.7	06-Apr-12	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	16.1	09-May-12	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	19.4	07-Jun-12	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	21.2	19-Jul-12	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	20.3	16-Aug-12	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	15.3	17-Oct-12	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	16.5	21-Nov-12	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	14.5	11-Jan-13	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	15.9	27-Feb-13	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	16.7	26-Mar-13	mg/L
RT004	Perchlorate	5.21	06-Apr-12	µg/L
RT004	Perchlorate	4.57	19-Jul-12	µg/L
RT004	Perchlorate	8.25	17-Oct-12	µg/L
RT004	Perchlorate	7.94	11-Jan-13	µg/L
RT004	Perchlorate	7	26-Mar-13	µg/L
RT004	Tetrachloroethylene (PCE)	ND	06-Apr-12	µg/L
RT004	Tetrachloroethylene (PCE)	ND	09-May-12	µg/L
RT004	Tetrachloroethylene (PCE)	0.744	07-Jun-12	µg/L
RT004	Tetrachloroethylene (PCE)	ND	19-Jul-12	µg/L
RT004	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT004	Tetrachloroethylene (PCE)	ND	17-Oct-12	µg/L
RT004	Tetrachloroethylene (PCE)	ND	21-Nov-12	µg/L
RT004	Tetrachloroethylene (PCE)	ND	11-Jan-13	µg/L
RT004	Tetrachloroethylene (PCE)	ND	27-Feb-13	µg/L
RT004	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT004	Trichloroethene (TCE)	0.768	06-Apr-12	µg/L
RT004	Trichloroethene (TCE)	0.534	09-May-12	µg/L
RT004	Trichloroethene (TCE)	0.565	07-Jun-12	µg/L
RT004	Trichloroethene (TCE)	0.939	19-Jul-12	µg/L
RT004	Trichloroethene (TCE)	1.17	16-Aug-12	µg/L
RT004	Trichloroethene (TCE)	1.12	17-Oct-12	µg/L
RT004	Trichloroethene (TCE)	1.58	21-Nov-12	µg/L
RT004	Trichloroethene (TCE)	0.8	11-Jan-13	µg/L
RT004	Trichloroethene (TCE)	0.546	27-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT004	Trichloroethene (TCE)	0.91	26-Mar-13	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	ND	06-Apr-12	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	ND	09-May-12	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	ND	23-Oct-12	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	ND	08-Nov-12	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	ND	06-Apr-12	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	ND	09-May-12	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	ND	23-Oct-12	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	ND	08-Nov-12	µg/L
RT005	1,2-Dichloroethene-cis	ND	06-Apr-12	µg/L
RT005	1,2-Dichloroethene-cis	ND	09-May-12	µg/L
RT005	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
RT005	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L
RT005	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT005	1,2-Dichloroethene-cis	ND	23-Oct-12	µg/L
RT005	1,2-Dichloroethene-cis	ND	08-Nov-12	µg/L
RT005	1,4-Dioxane	ND	07-Jun-12	ug/L
RT005	Carbon tetrachloride	ND	06-Apr-12	µg/L
RT005	Carbon tetrachloride	ND	09-May-12	µg/L
RT005	Carbon tetrachloride	ND	07-Jun-12	µg/L
RT005	Carbon tetrachloride	ND	24-Jul-12	µg/L
RT005	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT005	Carbon tetrachloride	ND	23-Oct-12	µg/L
RT005	Carbon tetrachloride	ND	08-Nov-12	µg/L
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-May-12	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Oct-12	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Nov-12	NUM/100ml
RT005	Methyl-t-butyl ether (MTBE)	ND	06-Apr-12	µg/L
RT005	Methyl-t-butyl ether (MTBE)	ND	09-May-12	µg/L
RT005	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
RT005	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
RT005	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT005	Methyl-t-butyl ether (MTBE)	ND	23-Oct-12	µg/L
RT005	Methyl-t-butyl ether (MTBE)	ND	08-Nov-12	µg/L
RT005	Nitrate (as NO3) ,calculated IC value	13.2	06-Apr-12	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	15.1	09-May-12	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	16.3	07-Jun-12	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	17.6	24-Jul-12	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	18.2	16-Aug-12	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	17.9	23-Oct-12	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	18.3	08-Nov-12	mg/L
RT005	Perchlorate	2.29	06-Apr-12	µg/L
RT005	Perchlorate	ND	16-Aug-12	µg/L
RT005	Tetrachloroethylene (PCE)	ND	06-Apr-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT005	Tetrachloroethylene (PCE)	ND	09-May-12	µg/L
RT005	Tetrachloroethylene (PCE)	ND	07-Jun-12	µg/L
RT005	Tetrachloroethylene (PCE)	ND	24-Jul-12	µg/L
RT005	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT005	Tetrachloroethylene (PCE)	ND	23-Oct-12	µg/L
RT005	Tetrachloroethylene (PCE)	ND	08-Nov-12	µg/L
RT005	Trichloroethene (TCE)	ND	06-Apr-12	µg/L
RT005	Trichloroethene (TCE)	ND	09-May-12	µg/L
RT005	Trichloroethene (TCE)	ND	07-Jun-12	µg/L
RT005	Trichloroethene (TCE)	ND	24-Jul-12	µg/L
RT005	Trichloroethene (TCE)	ND	16-Aug-12	µg/L
RT005	Trichloroethene (TCE)	ND	23-Oct-12	µg/L
RT005	Trichloroethene (TCE)	ND	08-Nov-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	06-Apr-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	04-May-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	23-Oct-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	08-Nov-12	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	10-Jan-13	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	14-Feb-13	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	27-Feb-13	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	06-Apr-12	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	04-May-12	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	23-Oct-12	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	08-Nov-12	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	10-Jan-13	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	14-Feb-13	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	27-Feb-13	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT006	1,2-Dichloroethene-cis	ND	06-Apr-12	µg/L
RT006	1,2-Dichloroethene-cis	ND	04-May-12	µg/L
RT006	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
RT006	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L
RT006	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT006	1,2-Dichloroethene-cis	ND	23-Oct-12	µg/L
RT006	1,2-Dichloroethene-cis	ND	08-Nov-12	µg/L
RT006	1,2-Dichloroethene-cis	ND	10-Jan-13	µg/L
RT006	1,2-Dichloroethene-cis	ND	14-Feb-13	µg/L
RT006	1,2-Dichloroethene-cis	ND	27-Feb-13	µg/L
RT006	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT006	1,4-Dioxane	ND	07-Jun-12	ug/L
RT006	Carbon tetrachloride	ND	06-Apr-12	µg/L
RT006	Carbon tetrachloride	ND	04-May-12	µg/L
RT006	Carbon tetrachloride	ND	07-Jun-12	µg/L
RT006	Carbon tetrachloride	ND	24-Jul-12	µg/L
RT006	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT006	Carbon tetrachloride	ND	23-Oct-12	µg/L
RT006	Carbon tetrachloride	ND	08-Nov-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT006	Carbon tetrachloride	ND	10-Jan-13	µg/L
RT006	Carbon tetrachloride	ND	14-Feb-13	µg/L
RT006	Carbon tetrachloride	ND	27-Feb-13	µg/L
RT006	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-May-12	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Oct-12	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Nov-12	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jan-13	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Feb-13	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Feb-13	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT006	Methyl-t-butyl ether (MTBE)	ND	06-Apr-12	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	04-May-12	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	23-Oct-12	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	08-Nov-12	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	10-Jan-13	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	14-Feb-13	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	27-Feb-13	µg/L
RT006	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT006	Nitrate (as NO3) ,calculated IC value	12.6	06-Apr-12	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	12.9	04-May-12	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	13.1	07-Jun-12	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	13.2	24-Jul-12	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	13.2	16-Aug-12	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	12.7	23-Oct-12	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	13.1	08-Nov-12	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	12.6	10-Jan-13	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	13.4	14-Feb-13	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	13.6	27-Feb-13	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	13.8	26-Mar-13	mg/L
RT006	Perchlorate	ND	06-Apr-12	µg/L
RT006	Perchlorate	ND	04-May-12	µg/L
RT006	Perchlorate	ND	07-Jun-12	µg/L
RT006	Perchlorate	ND	24-Jul-12	µg/L
RT006	Perchlorate	ND	16-Aug-12	µg/L
RT006	Perchlorate	ND	23-Oct-12	µg/L
RT006	Perchlorate	ND	08-Nov-12	µg/L
RT006	Perchlorate	ND	10-Jan-13	µg/L
RT006	Perchlorate	ND	14-Feb-13	µg/L
RT006	Perchlorate	ND	26-Mar-13	µg/L
RT006	Tetrachloroethylene (PCE)	ND	06-Apr-12	µg/L
RT006	Tetrachloroethylene (PCE)	ND	04-May-12	µg/L
RT006	Tetrachloroethylene (PCE)	ND	07-Jun-12	µg/L
RT006	Tetrachloroethylene (PCE)	ND	24-Jul-12	µg/L
RT006	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT006	Tetrachloroethylene (PCE)	ND	23-Oct-12	µg/L
RT006	Tetrachloroethylene (PCE)	ND	08-Nov-12	µg/L
RT006	Tetrachloroethylene (PCE)	ND	10-Jan-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT006	Tetrachloroethylene (PCE)	ND	14-Feb-13	µg/L
RT006	Tetrachloroethylene (PCE)	ND	27-Feb-13	µg/L
RT006	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT006	Trichloroethene (TCE)	ND	06-Apr-12	µg/L
RT006	Trichloroethene (TCE)	ND	04-May-12	µg/L
RT006	Trichloroethene (TCE)	ND	07-Jun-12	µg/L
RT006	Trichloroethene (TCE)	ND	24-Jul-12	µg/L
RT006	Trichloroethene (TCE)	ND	16-Aug-12	µg/L
RT006	Trichloroethene (TCE)	ND	23-Oct-12	µg/L
RT006	Trichloroethene (TCE)	ND	08-Nov-12	µg/L
RT006	Trichloroethene (TCE)	ND	10-Jan-13	µg/L
RT006	Trichloroethene (TCE)	ND	14-Feb-13	µg/L
RT006	Trichloroethene (TCE)	ND	27-Feb-13	µg/L
RT006	Trichloroethene (TCE)	ND	26-Mar-13	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	06-Apr-12	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	09-May-12	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	23-Oct-12	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	21-Nov-12	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	11-Jan-13	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	27-Feb-13	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	06-Apr-12	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	09-May-12	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	23-Oct-12	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	21-Nov-12	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	11-Jan-13	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	27-Feb-13	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT007	1,2-Dichloroethene-cis	ND	06-Apr-12	µg/L
RT007	1,2-Dichloroethene-cis	ND	09-May-12	µg/L
RT007	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
RT007	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L
RT007	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT007	1,2-Dichloroethene-cis	ND	23-Oct-12	µg/L
RT007	1,2-Dichloroethene-cis	ND	21-Nov-12	µg/L
RT007	1,2-Dichloroethene-cis	ND	11-Jan-13	µg/L
RT007	1,2-Dichloroethene-cis	ND	27-Feb-13	µg/L
RT007	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT007	1,4-Dioxane	ND	07-Jun-12	ug/L
RT007	Bromide ,Ion-Chromatography	0.089	21-Nov-12	mg/L
RT007	Carbon tetrachloride	ND	06-Apr-12	µg/L
RT007	Carbon tetrachloride	ND	09-May-12	µg/L
RT007	Carbon tetrachloride	ND	07-Jun-12	µg/L
RT007	Carbon tetrachloride	ND	24-Jul-12	µg/L
RT007	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT007	Carbon tetrachloride	ND	23-Oct-12	µg/L
RT007	Carbon tetrachloride	ND	21-Nov-12	µg/L
RT007	Carbon tetrachloride	ND	11-Jan-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT007	Carbon tetrachloride	ND	27-Feb-13	µg/L
RT007	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-May-12	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Oct-12	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jan-13	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Feb-13	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT007	Methyl-t-butyl ether (MTBE)	ND	06-Apr-12	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	09-May-12	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	23-Oct-12	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	11-Jan-13	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	27-Feb-13	µg/L
RT007	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT007	Nitrate (as NO3) ,calculated IC value	15.1	06-Apr-12	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	16.7	09-May-12	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	15.6	07-Jun-12	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	17.5	24-Jul-12	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	18.3	16-Aug-12	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	16.1	23-Oct-12	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	17.8	21-Nov-12	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	15.9	11-Jan-13	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	15.4	27-Feb-13	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	15.6	26-Mar-13	mg/L
RT007	Perchlorate	ND	06-Apr-12	µg/L
RT007	Perchlorate	ND	09-May-12	µg/L
RT007	Perchlorate	ND	07-Jun-12	µg/L
RT007	Perchlorate	2.01	24-Jul-12	µg/L
RT007	Perchlorate	2.38	16-Aug-12	µg/L
RT007	Perchlorate	4.87	23-Oct-12	µg/L
RT007	Perchlorate	5.26	21-Nov-12	µg/L
RT007	Perchlorate	5.4	11-Jan-13	µg/L
RT007	Perchlorate	4.26	26-Mar-13	µg/L
RT007	Tetrachloroethylene (PCE)	ND	06-Apr-12	µg/L
RT007	Tetrachloroethylene (PCE)	ND	09-May-12	µg/L
RT007	Tetrachloroethylene (PCE)	ND	07-Jun-12	µg/L
RT007	Tetrachloroethylene (PCE)	ND	24-Jul-12	µg/L
RT007	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT007	Tetrachloroethylene (PCE)	ND	23-Oct-12	µg/L
RT007	Tetrachloroethylene (PCE)	ND	21-Nov-12	µg/L
RT007	Tetrachloroethylene (PCE)	ND	11-Jan-13	µg/L
RT007	Tetrachloroethylene (PCE)	ND	27-Feb-13	µg/L
RT007	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT007	Trichloroethene (TCE)	ND	06-Apr-12	µg/L
RT007	Trichloroethene (TCE)	ND	09-May-12	µg/L
RT007	Trichloroethene (TCE)	ND	07-Jun-12	µg/L
RT007	Trichloroethene (TCE)	ND	24-Jul-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT007	Trichloroethene (TCE)	0.577	16-Aug-12	µg/L
RT007	Trichloroethene (TCE)	1.64	23-Oct-12	µg/L
RT007	Trichloroethene (TCE)	2.67	21-Nov-12	µg/L
RT007	Trichloroethene (TCE)	1.48	11-Jan-13	µg/L
RT007	Trichloroethene (TCE)	0.816	27-Feb-13	µg/L
RT007	Trichloroethene (TCE)	1.4	26-Mar-13	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	06-Apr-12	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	09-May-12	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	23-Oct-12	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	21-Nov-12	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	11-Jan-13	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	27-Feb-13	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	06-Apr-12	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	09-May-12	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	23-Oct-12	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	21-Nov-12	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	11-Jan-13	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	27-Feb-13	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT008	1,2-Dichloroethene-cis	ND	06-Apr-12	µg/L
RT008	1,2-Dichloroethene-cis	ND	09-May-12	µg/L
RT008	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
RT008	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L
RT008	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT008	1,2-Dichloroethene-cis	ND	23-Oct-12	µg/L
RT008	1,2-Dichloroethene-cis	ND	21-Nov-12	µg/L
RT008	1,2-Dichloroethene-cis	ND	11-Jan-13	µg/L
RT008	1,2-Dichloroethene-cis	ND	27-Feb-13	µg/L
RT008	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT008	1,4-Dioxane	ND	07-Jun-12	ug/L
RT008	Bromide ,Ion-Chromatography	0.09	07-Jun-12	mg/L
RT008	Bromide ,Ion-Chromatography	0.074	11-Jan-13	mg/L
RT008	Carbon tetrachloride	ND	06-Apr-12	µg/L
RT008	Carbon tetrachloride	ND	09-May-12	µg/L
RT008	Carbon tetrachloride	ND	07-Jun-12	µg/L
RT008	Carbon tetrachloride	ND	24-Jul-12	µg/L
RT008	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT008	Carbon tetrachloride	ND	23-Oct-12	µg/L
RT008	Carbon tetrachloride	ND	21-Nov-12	µg/L
RT008	Carbon tetrachloride	ND	11-Jan-13	µg/L
RT008	Carbon tetrachloride	ND	27-Feb-13	µg/L
RT008	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-May-12	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Oct-12	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jan-13	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Feb-13	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT008	Methyl-t-butyl ether (MTBE)	ND	06-Apr-12	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	09-May-12	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	23-Oct-12	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	11-Jan-13	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	27-Feb-13	µg/L
RT008	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT008	Nitrate (as NO3) ,calculated IC value	13.3	06-Apr-12	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	13.6	09-May-12	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	14.2	07-Jun-12	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	14	24-Jul-12	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	13.8	16-Aug-12	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	8.82	23-Oct-12	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	14.9	21-Nov-12	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	14.3	11-Jan-13	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	10.8	27-Feb-13	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	12.1	26-Mar-13	mg/L
RT008	Perchlorate	ND	06-Apr-12	µg/L
RT008	Perchlorate	ND	09-May-12	µg/L
RT008	Perchlorate	ND	07-Jun-12	µg/L
RT008	Perchlorate	ND	24-Jul-12	µg/L
RT008	Perchlorate	ND	16-Aug-12	µg/L
RT008	Perchlorate	ND	23-Oct-12	µg/L
RT008	Perchlorate	3.48	21-Nov-12	µg/L
RT008	Perchlorate	3.85	11-Jan-13	µg/L
RT008	Perchlorate	2.34	26-Mar-13	µg/L
RT008	Tetrachloroethylene (PCE)	ND	06-Apr-12	µg/L
RT008	Tetrachloroethylene (PCE)	ND	09-May-12	µg/L
RT008	Tetrachloroethylene (PCE)	ND	07-Jun-12	µg/L
RT008	Tetrachloroethylene (PCE)	ND	24-Jul-12	µg/L
RT008	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT008	Tetrachloroethylene (PCE)	ND	23-Oct-12	µg/L
RT008	Tetrachloroethylene (PCE)	ND	21-Nov-12	µg/L
RT008	Tetrachloroethylene (PCE)	ND	11-Jan-13	µg/L
RT008	Tetrachloroethylene (PCE)	ND	27-Feb-13	µg/L
RT008	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT008	Trichloroethene (TCE)	ND	06-Apr-12	µg/L
RT008	Trichloroethene (TCE)	0.978	09-May-12	µg/L
RT008	Trichloroethene (TCE)	1.01	07-Jun-12	µg/L
RT008	Trichloroethene (TCE)	0.766	24-Jul-12	µg/L
RT008	Trichloroethene (TCE)	0.707	16-Aug-12	µg/L
RT008	Trichloroethene (TCE)	0.618	23-Oct-12	µg/L
RT008	Trichloroethene (TCE)	1.53	21-Nov-12	µg/L
RT008	Trichloroethene (TCE)	0.923	11-Jan-13	µg/L
RT008	Trichloroethene (TCE)	ND	27-Feb-13	µg/L
RT008	Trichloroethene (TCE)	0.588	26-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT009	1,1-Dichloroethane (1,1-DCA)	ND	06-Apr-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	04-May-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	07-Jun-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	24-Jul-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	23-Oct-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	08-Nov-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	21-Nov-12	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	10-Jan-13	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	27-Feb-13	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	06-Apr-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	04-May-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	07-Jun-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	24-Jul-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	23-Oct-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	08-Nov-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	21-Nov-12	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	10-Jan-13	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	27-Feb-13	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT009	1,2-Dichloroethene-cis	ND	06-Apr-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	04-May-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	07-Jun-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	24-Jul-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	23-Oct-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	08-Nov-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	21-Nov-12	µg/L
RT009	1,2-Dichloroethene-cis	ND	10-Jan-13	µg/L
RT009	1,2-Dichloroethene-cis	ND	27-Feb-13	µg/L
RT009	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT009	1,4-Dioxane	ND	07-Jun-12	ug/L
RT009	Carbon tetrachloride	ND	06-Apr-12	µg/L
RT009	Carbon tetrachloride	ND	04-May-12	µg/L
RT009	Carbon tetrachloride	ND	07-Jun-12	µg/L
RT009	Carbon tetrachloride	ND	24-Jul-12	µg/L
RT009	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT009	Carbon tetrachloride	ND	23-Oct-12	µg/L
RT009	Carbon tetrachloride	ND	08-Nov-12	µg/L
RT009	Carbon tetrachloride	ND	21-Nov-12	µg/L
RT009	Carbon tetrachloride	ND	10-Jan-13	µg/L
RT009	Carbon tetrachloride	ND	27-Feb-13	µg/L
RT009	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Apr-12	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-May-12	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Jun-12	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Oct-12	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Nov-12	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Jan-13	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Feb-13	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
RT009	Methyl-t-butyl ether (MTBE)	ND	06-Apr-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	04-May-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	07-Jun-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	24-Jul-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	23-Oct-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	08-Nov-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	10-Jan-13	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	27-Feb-13	µg/L
RT009	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT009	Nitrate (as NO3) ,calculated IC value	10.8	06-Apr-12	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	10.6	04-May-12	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	9.75	07-Jun-12	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	9.44	24-Jul-12	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	9.3	16-Aug-12	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	9.57	23-Oct-12	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	10	08-Nov-12	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	10.1	10-Jan-13	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	5.54	27-Feb-13	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	11.3	26-Mar-13	mg/L
RT009	Perchlorate	ND	04-May-12	µg/L
RT009	Perchlorate	ND	24-Jul-12	µg/L
RT009	Perchlorate	ND	10-Jan-13	µg/L
RT009	Tetrachloroethylene (PCE)	ND	06-Apr-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	04-May-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	07-Jun-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	24-Jul-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	16-Aug-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	23-Oct-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	08-Nov-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	21-Nov-12	µg/L
RT009	Tetrachloroethylene (PCE)	ND	10-Jan-13	µg/L
RT009	Tetrachloroethylene (PCE)	ND	27-Feb-13	µg/L
RT009	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT009	Trichloroethene (TCE)	0.588	06-Apr-12	µg/L
RT009	Trichloroethene (TCE)	0.636	04-May-12	µg/L
RT009	Trichloroethene (TCE)	0.606	07-Jun-12	µg/L
RT009	Trichloroethene (TCE)	0.668	24-Jul-12	µg/L
RT009	Trichloroethene (TCE)	0.699	16-Aug-12	µg/L
RT009	Trichloroethene (TCE)	0.729	23-Oct-12	µg/L
RT009	Trichloroethene (TCE)	ND	08-Nov-12	µg/L
RT009	Trichloroethene (TCE)	1.25	21-Nov-12	µg/L
RT009	Trichloroethene (TCE)	0.556	10-Jan-13	µg/L
RT009	Trichloroethene (TCE)	ND	27-Feb-13	µg/L
RT009	Trichloroethene (TCE)	ND	26-Mar-13	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	19-Jul-12	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	16-Aug-12	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	17-Oct-12	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT010	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	19-Jul-12	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	16-Aug-12	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	17-Oct-12	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT010	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT010	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT010	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT010	1,2-Dichloroethene-cis	ND	19-Jul-12	µg/L
RT010	1,2-Dichloroethene-cis	ND	16-Aug-12	µg/L
RT010	1,2-Dichloroethene-cis	ND	17-Oct-12	µg/L
RT010	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
RT010	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT010	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT010	1,4-Dioxane	ND	06-Jun-12	ug/L
RT010	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT010	Carbon tetrachloride	ND	08-May-12	µg/L
RT010	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT010	Carbon tetrachloride	ND	19-Jul-12	µg/L
RT010	Carbon tetrachloride	ND	16-Aug-12	µg/L
RT010	Carbon tetrachloride	ND	17-Oct-12	µg/L
RT010	Carbon tetrachloride	ND	29-Nov-12	µg/L
RT010	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT010	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Jul-12	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Aug-12	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	17-Oct-12	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT010	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	19-Jul-12	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	16-Aug-12	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	17-Oct-12	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT010	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT010	Nitrate (as NO3) ,calculated IC value	19.6	04-Apr-12	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	17.1	08-May-12	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	26.9	06-Jun-12	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	27.4	19-Jul-12	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	27.6	16-Aug-12	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	18.8	17-Oct-12	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	21.2	29-Nov-12	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	24.2	26-Feb-13	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT010	Nitrate (as NO3) ,calculated IC value	26.9	26-Mar-13	mg/L
RT010	Perchlorate	ND	17-Oct-12	µg/L
RT010	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT010	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT010	Tetrachloroethylene (PCE)	0.554	06-Jun-12	µg/L
RT010	Tetrachloroethylene (PCE)	0.736	19-Jul-12	µg/L
RT010	Tetrachloroethylene (PCE)	0.846	16-Aug-12	µg/L
RT010	Tetrachloroethylene (PCE)	ND	17-Oct-12	µg/L
RT010	Tetrachloroethylene (PCE)	ND	29-Nov-12	µg/L
RT010	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
RT010	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT010	Trichloroethene (TCE)	4.04	04-Apr-12	µg/L
RT010	Trichloroethene (TCE)	1.11	08-May-12	µg/L
RT010	Trichloroethene (TCE)	9.38	06-Jun-12	µg/L
RT010	Trichloroethene (TCE)	12.6	19-Jul-12	µg/L
RT010	Trichloroethene (TCE)	14.8	16-Aug-12	µg/L
RT010	Trichloroethene (TCE)	5.36	17-Oct-12	µg/L
RT010	Trichloroethene (TCE)	9.15	29-Nov-12	µg/L
RT010	Trichloroethene (TCE)	7.35	26-Feb-13	µg/L
RT010	Trichloroethene (TCE)	9.76	26-Mar-13	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	26-Jul-12	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	14-Aug-12	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	16-Oct-12	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	15-Nov-12	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	26-Jul-12	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	14-Aug-12	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	16-Oct-12	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	15-Nov-12	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT011	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT011	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT011	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT011	1,2-Dichloroethene-cis	ND	26-Jul-12	µg/L
RT011	1,2-Dichloroethene-cis	ND	14-Aug-12	µg/L
RT011	1,2-Dichloroethene-cis	ND	16-Oct-12	µg/L
RT011	1,2-Dichloroethene-cis	ND	15-Nov-12	µg/L
RT011	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT011	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT011	1,4-Dioxane	ND	06-Jun-12	ug/L
RT011	Bromide ,Ion-Chromatography	0.071	16-Oct-12	mg/L
RT011	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT011	Carbon tetrachloride	ND	08-May-12	µg/L
RT011	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT011	Carbon tetrachloride	ND	26-Jul-12	µg/L
RT011	Carbon tetrachloride	ND	14-Aug-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT011	Carbon tetrachloride	ND	16-Oct-12	µg/L
RT011	Carbon tetrachloride	ND	15-Nov-12	µg/L
RT011	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT011	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Aug-12	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Oct-12	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-Nov-12	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT011	Coliform Total(MPN),MultTube Fermentatn	ND	16-Oct-12	MPN/100ml
RT011	Iron (Fe), ICP-OES	56.8	16-Oct-12	ug/L
RT011	Manganese	2.3	16-Oct-12	ug/L
RT011	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	26-Jul-12	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	14-Aug-12	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	16-Oct-12	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	15-Nov-12	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT011	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT011	Nitrate (as NO3) ,calculated IC value	9.13	04-Apr-12	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	9.04	08-May-12	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	14	06-Jun-12	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	17.3	26-Jul-12	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	18	14-Aug-12	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	12	16-Oct-12	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	17.1	15-Nov-12	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	14.1	26-Feb-13	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	17.5	26-Mar-13	mg/L
RT011	Perchlorate	ND	08-May-12	µg/L
RT011	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT011	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT011	Tetrachloroethylene (PCE)	ND	06-Jun-12	µg/L
RT011	Tetrachloroethylene (PCE)	0.859	26-Jul-12	µg/L
RT011	Tetrachloroethylene (PCE)	0.979	14-Aug-12	µg/L
RT011	Tetrachloroethylene (PCE)	ND	16-Oct-12	µg/L
RT011	Tetrachloroethylene (PCE)	1.02	15-Nov-12	µg/L
RT011	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
RT011	Tetrachloroethylene (PCE)	0.566	26-Mar-13	µg/L
RT011	Trichloroethene (TCE)	ND	04-Apr-12	µg/L
RT011	Trichloroethene (TCE)	0.661	08-May-12	µg/L
RT011	Trichloroethene (TCE)	9.45	06-Jun-12	µg/L
RT011	Trichloroethene (TCE)	19.7	26-Jul-12	µg/L
RT011	Trichloroethene (TCE)	21.3	14-Aug-12	µg/L
RT011	Trichloroethene (TCE)	6.38	16-Oct-12	µg/L
RT011	Trichloroethene (TCE)	17.7	15-Nov-12	µg/L
RT011	Trichloroethene (TCE)	9.07	26-Feb-13	µg/L
RT011	Trichloroethene (TCE)	14.1	26-Mar-13	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT012	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	26-Jul-12	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	14-Aug-12	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	16-Oct-12	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	15-Nov-12	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	26-Jul-12	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	14-Aug-12	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	16-Oct-12	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	15-Nov-12	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT012	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT012	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT012	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT012	1,2-Dichloroethene-cis	ND	26-Jul-12	µg/L
RT012	1,2-Dichloroethene-cis	ND	14-Aug-12	µg/L
RT012	1,2-Dichloroethene-cis	ND	16-Oct-12	µg/L
RT012	1,2-Dichloroethene-cis	ND	15-Nov-12	µg/L
RT012	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT012	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT012	1,4-Dioxane	ND	06-Jun-12	ug/L
RT012	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT012	Carbon tetrachloride	ND	08-May-12	µg/L
RT012	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT012	Carbon tetrachloride	ND	26-Jul-12	µg/L
RT012	Carbon tetrachloride	ND	14-Aug-12	µg/L
RT012	Carbon tetrachloride	ND	16-Oct-12	µg/L
RT012	Carbon tetrachloride	ND	15-Nov-12	µg/L
RT012	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT012	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Aug-12	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Oct-12	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-Nov-12	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT012	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	26-Jul-12	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	14-Aug-12	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	16-Oct-12	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	15-Nov-12	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT012	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT012	Nitrate (as NO3) ,calculated IC value	10.2	04-Apr-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT012	Nitrate (as NO3) ,calculated IC value	9.7	08-May-12	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	13.4	06-Jun-12	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	20	26-Jul-12	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	20.3	14-Aug-12	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	12.4	16-Oct-12	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	12.5	15-Nov-12	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	13.2	26-Feb-13	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	15.1	26-Mar-13	mg/L
RT012	Perchlorate	2.43	16-Oct-12	µg/L
RT012	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT012	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT012	Tetrachloroethylene (PCE)	ND	06-Jun-12	µg/L
RT012	Tetrachloroethylene (PCE)	1.13	26-Jul-12	µg/L
RT012	Tetrachloroethylene (PCE)	1.28	14-Aug-12	µg/L
RT012	Tetrachloroethylene (PCE)	ND	16-Oct-12	µg/L
RT012	Tetrachloroethylene (PCE)	ND	15-Nov-12	µg/L
RT012	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
RT012	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT012	Trichloroethene (TCE)	ND	04-Apr-12	µg/L
RT012	Trichloroethene (TCE)	ND	08-May-12	µg/L
RT012	Trichloroethene (TCE)	3.91	06-Jun-12	µg/L
RT012	Trichloroethene (TCE)	16.6	26-Jul-12	µg/L
RT012	Trichloroethene (TCE)	18.4	14-Aug-12	µg/L
RT012	Trichloroethene (TCE)	3.12	16-Oct-12	µg/L
RT012	Trichloroethene (TCE)	5.21	15-Nov-12	µg/L
RT012	Trichloroethene (TCE)	2.9	26-Feb-13	µg/L
RT012	Trichloroethene (TCE)	4.84	26-Mar-13	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	26-Jul-12	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	14-Aug-12	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	16-Oct-12	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	15-Nov-12	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	26-Jul-12	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	14-Aug-12	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	16-Oct-12	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	15-Nov-12	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT013	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT013	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT013	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT013	1,2-Dichloroethene-cis	ND	26-Jul-12	µg/L
RT013	1,2-Dichloroethene-cis	ND	14-Aug-12	µg/L
RT013	1,2-Dichloroethene-cis	ND	16-Oct-12	µg/L
RT013	1,2-Dichloroethene-cis	ND	15-Nov-12	µg/L
RT013	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT013	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT013	1,4-Dioxane	ND	06-Jun-12	ug/L
RT013	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT013	Carbon tetrachloride	ND	08-May-12	µg/L
RT013	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT013	Carbon tetrachloride	ND	26-Jul-12	µg/L
RT013	Carbon tetrachloride	ND	14-Aug-12	µg/L
RT013	Carbon tetrachloride	ND	16-Oct-12	µg/L
RT013	Carbon tetrachloride	ND	15-Nov-12	µg/L
RT013	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT013	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Aug-12	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Oct-12	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-Nov-12	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT013	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	26-Jul-12	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	14-Aug-12	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	16-Oct-12	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	15-Nov-12	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT013	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT013	Nitrate (as NO3) ,calculated IC value	9.88	04-Apr-12	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	9.48	08-May-12	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	13.4	06-Jun-12	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	17.4	26-Jul-12	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	17.8	14-Aug-12	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	11.8	16-Oct-12	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	14.5	15-Nov-12	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	14	26-Feb-13	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	16.7	26-Mar-13	mg/L
RT013	Perchlorate	ND	16-Oct-12	µg/L
RT013	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT013	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT013	Tetrachloroethylene (PCE)	ND	06-Jun-12	µg/L
RT013	Tetrachloroethylene (PCE)	0.675	26-Jul-12	µg/L
RT013	Tetrachloroethylene (PCE)	0.813	14-Aug-12	µg/L
RT013	Tetrachloroethylene (PCE)	ND	16-Oct-12	µg/L
RT013	Tetrachloroethylene (PCE)	ND	15-Nov-12	µg/L
RT013	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
RT013	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT013	Trichloroethene (TCE)	ND	04-Apr-12	µg/L
RT013	Trichloroethene (TCE)	ND	08-May-12	µg/L
RT013	Trichloroethene (TCE)	3.94	06-Jun-12	µg/L
RT013	Trichloroethene (TCE)	12.9	26-Jul-12	µg/L
RT013	Trichloroethene (TCE)	15	14-Aug-12	µg/L
RT013	Trichloroethene (TCE)	2.2	16-Oct-12	µg/L
RT013	Trichloroethene (TCE)	7.46	15-Nov-12	µg/L
RT013	Trichloroethene (TCE)	5.85	26-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT013	Trichloroethene (TCE)	9.31	26-Mar-13	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	26-Jul-12	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	14-Aug-12	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	16-Oct-12	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	15-Nov-12	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	26-Jul-12	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	14-Aug-12	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	16-Oct-12	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	15-Nov-12	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT014	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT014	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT014	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT014	1,2-Dichloroethene-cis	ND	26-Jul-12	µg/L
RT014	1,2-Dichloroethene-cis	ND	14-Aug-12	µg/L
RT014	1,2-Dichloroethene-cis	ND	16-Oct-12	µg/L
RT014	1,2-Dichloroethene-cis	ND	15-Nov-12	µg/L
RT014	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT014	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT014	1,4-Dioxane	ND	06-Jun-12	ug/L
RT014	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT014	Carbon tetrachloride	ND	08-May-12	µg/L
RT014	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT014	Carbon tetrachloride	ND	26-Jul-12	µg/L
RT014	Carbon tetrachloride	ND	14-Aug-12	µg/L
RT014	Carbon tetrachloride	ND	16-Oct-12	µg/L
RT014	Carbon tetrachloride	ND	15-Nov-12	µg/L
RT014	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT014	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Aug-12	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Oct-12	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-Nov-12	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT014	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT014	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT014	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT014	Methyl-t-butyl ether (MTBE)	ND	26-Jul-12	µg/L
RT014	Methyl-t-butyl ether (MTBE)	ND	14-Aug-12	µg/L
RT014	Methyl-t-butyl ether (MTBE)	ND	16-Oct-12	µg/L
RT014	Methyl-t-butyl ether (MTBE)	ND	15-Nov-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT014	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT014	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT014	Nitrate (as NO3) ,calculated IC value	8.73	04-Apr-12	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	8.51	08-May-12	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	13.6	06-Jun-12	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	15.9	26-Jul-12	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	16.4	14-Aug-12	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	13.6	16-Oct-12	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	ND	15-Nov-12	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	14.8	26-Feb-13	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	18.3	26-Mar-13	mg/L
RT014	Perchlorate	ND	16-Oct-12	µg/L
RT014	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT014	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT014	Tetrachloroethylene (PCE)	0.619	06-Jun-12	µg/L
RT014	Tetrachloroethylene (PCE)	0.934	26-Jul-12	µg/L
RT014	Tetrachloroethylene (PCE)	1.05	14-Aug-12	µg/L
RT014	Tetrachloroethylene (PCE)	0.637	16-Oct-12	µg/L
RT014	Tetrachloroethylene (PCE)	1.54	15-Nov-12	µg/L
RT014	Tetrachloroethylene (PCE)	0.645	26-Feb-13	µg/L
RT014	Tetrachloroethylene (PCE)	1.08	26-Mar-13	µg/L
RT014	Trichloroethene (TCE)	1.11	04-Apr-12	µg/L
RT014	Trichloroethene (TCE)	1.67	08-May-12	µg/L
RT014	Trichloroethene (TCE)	21.1	06-Jun-12	µg/L
RT014	Trichloroethene (TCE)	33.3	26-Jul-12	µg/L
RT014	Trichloroethene (TCE)	34.8	14-Aug-12	µg/L
RT014	Trichloroethene (TCE)	19.6	16-Oct-12	µg/L
RT014	Trichloroethene (TCE)	37.1	15-Nov-12	µg/L
RT014	Trichloroethene (TCE)	21.7	26-Feb-13	µg/L
RT014	Trichloroethene (TCE)	36.1	26-Mar-13	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	04-Apr-12	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	08-May-12	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	06-Jun-12	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	26-Jul-12	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	14-Aug-12	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	16-Oct-12	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	15-Nov-12	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	26-Feb-13	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	ND	26-Mar-13	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	04-Apr-12	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	08-May-12	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	06-Jun-12	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	26-Jul-12	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	14-Aug-12	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	16-Oct-12	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	15-Nov-12	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	26-Feb-13	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	ND	26-Mar-13	µg/L
RT015	1,2-Dichloroethene-cis	ND	04-Apr-12	µg/L
RT015	1,2-Dichloroethene-cis	ND	08-May-12	µg/L
RT015	1,2-Dichloroethene-cis	ND	06-Jun-12	µg/L
RT015	1,2-Dichloroethene-cis	ND	26-Jul-12	µg/L
RT015	1,2-Dichloroethene-cis	ND	14-Aug-12	µg/L
RT015	1,2-Dichloroethene-cis	ND	16-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT015	1,2-Dichloroethene-cis	ND	15-Nov-12	µg/L
RT015	1,2-Dichloroethene-cis	ND	26-Feb-13	µg/L
RT015	1,2-Dichloroethene-cis	ND	26-Mar-13	µg/L
RT015	1,4-Dioxane	ND	06-Jun-12	ug/L
RT015	Bromide ,Ion-Chromatography	0.074	26-Feb-13	mg/L
RT015	Carbon tetrachloride	ND	04-Apr-12	µg/L
RT015	Carbon tetrachloride	ND	08-May-12	µg/L
RT015	Carbon tetrachloride	ND	06-Jun-12	µg/L
RT015	Carbon tetrachloride	ND	26-Jul-12	µg/L
RT015	Carbon tetrachloride	ND	14-Aug-12	µg/L
RT015	Carbon tetrachloride	ND	16-Oct-12	µg/L
RT015	Carbon tetrachloride	ND	15-Nov-12	µg/L
RT015	Carbon tetrachloride	ND	26-Feb-13	µg/L
RT015	Carbon tetrachloride	ND	26-Mar-13	µg/L
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	04-Apr-12	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-May-12	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Jun-12	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Jul-12	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Aug-12	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Oct-12	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	15-Nov-12	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Feb-13	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Mar-13	NUM/100ml
RT015	Methyl-t-butyl ether (MTBE)	ND	04-Apr-12	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	08-May-12	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	06-Jun-12	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	26-Jul-12	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	14-Aug-12	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	16-Oct-12	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	15-Nov-12	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	26-Feb-13	µg/L
RT015	Methyl-t-butyl ether (MTBE)	ND	26-Mar-13	µg/L
RT015	Nitrate (as NO3) ,calculated IC value	8.59	04-Apr-12	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	7.93	08-May-12	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	13.2	06-Jun-12	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	16.8	26-Jul-12	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	18.2	14-Aug-12	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	8.51	16-Oct-12	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	8.55	15-Nov-12	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	13.5	26-Feb-13	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	8.33	26-Mar-13	mg/L
RT015	Perchlorate	ND	14-Aug-12	µg/L
RT015	Tetrachloroethylene (PCE)	ND	04-Apr-12	µg/L
RT015	Tetrachloroethylene (PCE)	ND	08-May-12	µg/L
RT015	Tetrachloroethylene (PCE)	0.818	06-Jun-12	µg/L
RT015	Tetrachloroethylene (PCE)	1.24	26-Jul-12	µg/L
RT015	Tetrachloroethylene (PCE)	1.43	14-Aug-12	µg/L
RT015	Tetrachloroethylene (PCE)	ND	16-Oct-12	µg/L
RT015	Tetrachloroethylene (PCE)	ND	15-Nov-12	µg/L
RT015	Tetrachloroethylene (PCE)	ND	26-Feb-13	µg/L
RT015	Tetrachloroethylene (PCE)	ND	26-Mar-13	µg/L
RT015	Trichloroethene (TCE)	1.91	04-Apr-12	µg/L
RT015	Trichloroethene (TCE)	1.43	08-May-12	µg/L
RT015	Trichloroethene (TCE)	22.6	06-Jun-12	µg/L
RT015	Trichloroethene (TCE)	39.7	26-Jul-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
RT015	Trichloroethene (TCE)	45.7	14-Aug-12	µg/L
RT015	Trichloroethene (TCE)	3.83	16-Oct-12	µg/L
RT015	Trichloroethene (TCE)	5.47	15-Nov-12	µg/L
RT015	Trichloroethene (TCE)	16.1	26-Feb-13	µg/L
RT015	Trichloroethene (TCE)	3.57	26-Mar-13	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	13-Jun-12	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	20-Sep-12	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	29-Oct-12	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	20-Nov-12	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	05-Dec-12	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	22-Jan-13	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	14-Feb-13	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	ND	21-Mar-13	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	13-Jun-12	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	20-Sep-12	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	29-Oct-12	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	20-Nov-12	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	05-Dec-12	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	22-Jan-13	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	14-Feb-13	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	ND	21-Mar-13	µg/L
TJ001	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ001	1,2-Dichloroethene-cis	ND	13-Jun-12	µg/L
TJ001	1,2-Dichloroethene-cis	ND	20-Sep-12	µg/L
TJ001	1,2-Dichloroethene-cis	ND	29-Oct-12	µg/L
TJ001	1,2-Dichloroethene-cis	ND	20-Nov-12	µg/L
TJ001	1,2-Dichloroethene-cis	ND	05-Dec-12	µg/L
TJ001	1,2-Dichloroethene-cis	ND	22-Jan-13	µg/L
TJ001	1,2-Dichloroethene-cis	ND	14-Feb-13	µg/L
TJ001	1,2-Dichloroethene-cis	ND	21-Mar-13	µg/L
TJ001	1,4-Dioxane	ND	20-Sep-12	ug/L
TJ001	1,4-Dioxane	ND	20-Nov-12	ug/L
TJ001	1,4-Dioxane	ND	05-Dec-12	ug/L
TJ001	1,4-Dioxane	ND	22-Jan-13	ug/L
TJ001	Bromide ,Ion-Chromatography	0.081	13-Jun-12	mg/L
TJ001	Carbon tetrachloride	ND	29-May-12	µg/L
TJ001	Carbon tetrachloride	ND	13-Jun-12	µg/L
TJ001	Carbon tetrachloride	ND	20-Sep-12	µg/L
TJ001	Carbon tetrachloride	ND	29-Oct-12	µg/L
TJ001	Carbon tetrachloride	ND	20-Nov-12	µg/L
TJ001	Carbon tetrachloride	ND	05-Dec-12	µg/L
TJ001	Carbon tetrachloride	ND	22-Jan-13	µg/L
TJ001	Carbon tetrachloride	ND	14-Feb-13	µg/L
TJ001	Carbon tetrachloride	ND	21-Mar-13	µg/L
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jun-12	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Sep-12	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Oct-12	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Nov-12	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	05-Dec-12	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Jan-13	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Feb-13	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Mar-13	NUM/100ml
TJ001	Iron (Fe), ICP-OES	ND	13-Jun-12	ug/L
TJ001	Manganese	ND	13-Jun-12	ug/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	13-Jun-12	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	20-Sep-12	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	29-Oct-12	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	20-Nov-12	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	05-Dec-12	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	22-Jan-13	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	14-Feb-13	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	ND	21-Mar-13	µg/L
TJ001	Nitrate (as NO3) ,calculated IC value	19.3	29-May-12	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	18.7	13-Jun-12	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	24.2	20-Sep-12	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	23.1	29-Oct-12	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	23.9	20-Nov-12	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	23.2	05-Dec-12	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	24	22-Jan-13	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	21.2	14-Feb-13	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	21.5	21-Mar-13	mg/L
TJ001	Perchlorate	ND	29-May-12	µg/L
TJ001	Perchlorate	2.1	20-Sep-12	µg/L
TJ001	Perchlorate	2.39	29-Oct-12	µg/L
TJ001	Perchlorate	ND	20-Nov-12	µg/L
TJ001	Perchlorate	ND	05-Dec-12	µg/L
TJ001	Perchlorate	2.18	22-Jan-13	µg/L
TJ001	Perchlorate	2.49	14-Feb-13	µg/L
TJ001	Perchlorate	2.2	21-Mar-13	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	29-May-12	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	13-Jun-12	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	20-Sep-12	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	29-Oct-12	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	20-Nov-12	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	05-Dec-12	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	22-Jan-13	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	14-Feb-13	µg/L
TJ001	Tetrachloroethylene (PCE)	ND	21-Mar-13	µg/L
TJ001	Trichloroethene (TCE)	ND	29-May-12	µg/L
TJ001	Trichloroethene (TCE)	ND	13-Jun-12	µg/L
TJ001	Trichloroethene (TCE)	ND	20-Sep-12	µg/L
TJ001	Trichloroethene (TCE)	ND	29-Oct-12	µg/L
TJ001	Trichloroethene (TCE)	ND	20-Nov-12	µg/L
TJ001	Trichloroethene (TCE)	ND	05-Dec-12	µg/L
TJ001	Trichloroethene (TCE)	ND	22-Jan-13	µg/L
TJ001	Trichloroethene (TCE)	ND	14-Feb-13	µg/L
TJ001	Trichloroethene (TCE)	ND	21-Mar-13	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	ND	08-Jun-12	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	ND	08-Jun-12	µg/L
TJ002	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ002	1,2-Dichloroethene-cis	ND	08-Jun-12	µg/L
TJ002	Carbon tetrachloride	ND	29-May-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ002	Carbon tetrachloride	ND	08-Jun-12	µg/L
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Jun-12	NUM/100ml
TJ002	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	ND	08-Jun-12	µg/L
TJ002	Nitrate (as NO3) ,calculated IC value	17.5	29-May-12	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	18.4	08-Jun-12	mg/L
TJ002	Perchlorate	ND	08-Jun-12	µg/L
TJ002	Tetrachloroethylene (PCE)	ND	29-May-12	µg/L
TJ002	Tetrachloroethylene (PCE)	ND	08-Jun-12	µg/L
TJ002	Trichloroethene (TCE)	ND	29-May-12	µg/L
TJ002	Trichloroethene (TCE)	ND	08-Jun-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	08-Jun-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	11-Jul-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	27-Aug-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	18-Sep-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	29-Oct-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	20-Nov-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	13-Dec-12	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	22-Jan-13	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	14-Feb-13	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	ND	14-Mar-13	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	08-Jun-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	11-Jul-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	27-Aug-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	18-Sep-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	0.522	29-Oct-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	0.547	20-Nov-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	13-Dec-12	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	22-Jan-13	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	14-Feb-13	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	ND	14-Mar-13	µg/L
TJ003	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	08-Jun-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	11-Jul-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	27-Aug-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	18-Sep-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	29-Oct-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	20-Nov-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	13-Dec-12	µg/L
TJ003	1,2-Dichloroethene-cis	ND	22-Jan-13	µg/L
TJ003	1,2-Dichloroethene-cis	ND	14-Feb-13	µg/L
TJ003	1,2-Dichloroethene-cis	ND	14-Mar-13	µg/L
TJ003	1,4-Dioxane	ND	11-Jul-12	ug/L
TJ003	1,4-Dioxane	ND	27-Aug-12	ug/L
TJ003	1,4-Dioxane	ND	18-Sep-12	ug/L
TJ003	1,4-Dioxane	ND	20-Nov-12	ug/L
TJ003	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ003	1,4-Dioxane	ND	22-Jan-13	ug/L
TJ003	Carbon tetrachloride	ND	29-May-12	µg/L
TJ003	Carbon tetrachloride	ND	08-Jun-12	µg/L
TJ003	Carbon tetrachloride	ND	11-Jul-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ003	Carbon tetrachloride	ND	27-Aug-12	µg/L
TJ003	Carbon tetrachloride	ND	18-Sep-12	µg/L
TJ003	Carbon tetrachloride	ND	29-Oct-12	µg/L
TJ003	Carbon tetrachloride	ND	20-Nov-12	µg/L
TJ003	Carbon tetrachloride	ND	13-Dec-12	µg/L
TJ003	Carbon tetrachloride	ND	22-Jan-13	µg/L
TJ003	Carbon tetrachloride	ND	14-Feb-13	µg/L
TJ003	Carbon tetrachloride	ND	14-Mar-13	µg/L
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Jun-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jul-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Aug-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	18-Sep-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Oct-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Nov-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Dec-12	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Jan-13	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Feb-13	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Mar-13	NUM/100ml
TJ003	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	08-Jun-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	11-Jul-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	27-Aug-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	18-Sep-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	29-Oct-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	20-Nov-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	13-Dec-12	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	22-Jan-13	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	14-Feb-13	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	ND	14-Mar-13	µg/L
TJ003	Nitrate (as NO3) ,calculated IC value	15.6	29-May-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	15.8	08-Jun-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	16.3	11-Jul-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	18.6	27-Aug-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	18.7	18-Sep-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	19	29-Oct-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	19.8	20-Nov-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	18.9	13-Dec-12	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	19	22-Jan-13	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	18.7	14-Feb-13	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	18.9	14-Mar-13	mg/L
TJ003	Perchlorate	ND	11-Jul-12	µg/L
TJ003	Perchlorate	ND	27-Aug-12	µg/L
TJ003	Perchlorate	ND	18-Sep-12	µg/L
TJ003	Perchlorate	ND	29-Oct-12	µg/L
TJ003	Perchlorate	ND	20-Nov-12	µg/L
TJ003	Perchlorate	ND	13-Dec-12	µg/L
TJ003	Perchlorate	ND	22-Jan-13	µg/L
TJ003	Perchlorate	ND	14-Feb-13	µg/L
TJ003	Perchlorate	ND	14-Mar-13	µg/L
TJ003	Tetrachloroethylene (PCE)	ND	29-May-12	µg/L
TJ003	Tetrachloroethylene (PCE)	ND	08-Jun-12	µg/L
TJ003	Tetrachloroethylene (PCE)	ND	11-Jul-12	µg/L
TJ003	Tetrachloroethylene (PCE)	ND	27-Aug-12	µg/L
TJ003	Tetrachloroethylene (PCE)	1.37	18-Sep-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ003	Tetrachloroethylene (PCE)	3.19	29-Oct-12	µg/L
TJ003	Tetrachloroethylene (PCE)	3	20-Nov-12	µg/L
TJ003	Tetrachloroethylene (PCE)	2.12	13-Dec-12	µg/L
TJ003	Tetrachloroethylene (PCE)	1.22	22-Jan-13	µg/L
TJ003	Tetrachloroethylene (PCE)	0.729	14-Feb-13	µg/L
TJ003	Tetrachloroethylene (PCE)	ND	14-Mar-13	µg/L
TJ003	Trichloroethene (TCE)	0.51	29-May-12	µg/L
TJ003	Trichloroethene (TCE)	0.537	08-Jun-12	µg/L
TJ003	Trichloroethene (TCE)	ND	11-Jul-12	µg/L
TJ003	Trichloroethene (TCE)	ND	27-Aug-12	µg/L
TJ003	Trichloroethene (TCE)	1.46	18-Sep-12	µg/L
TJ003	Trichloroethene (TCE)	3.1	29-Oct-12	µg/L
TJ003	Trichloroethene (TCE)	3.15	20-Nov-12	µg/L
TJ003	Trichloroethene (TCE)	2.52	13-Dec-12	µg/L
TJ003	Trichloroethene (TCE)	1.24	22-Jan-13	µg/L
TJ003	Trichloroethene (TCE)	0.747	14-Feb-13	µg/L
TJ003	Trichloroethene (TCE)	0.577	14-Mar-13	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	08-Jun-12	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	11-Jul-12	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	27-Aug-12	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	20-Sep-12	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	29-Oct-12	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	13-Dec-12	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	22-Jan-13	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	14-Feb-13	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	ND	21-Mar-13	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	ND	08-Jun-12	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0.937	11-Jul-12	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	1.36	27-Aug-12	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	1.44	20-Sep-12	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0.61	29-Oct-12	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0.891	13-Dec-12	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0.599	22-Jan-13	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	ND	14-Feb-13	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	ND	21-Mar-13	µg/L
TJ004	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ004	1,2-Dichloroethene-cis	ND	08-Jun-12	µg/L
TJ004	1,2-Dichloroethene-cis	ND	11-Jul-12	µg/L
TJ004	1,2-Dichloroethene-cis	ND	27-Aug-12	µg/L
TJ004	1,2-Dichloroethene-cis	ND	20-Sep-12	µg/L
TJ004	1,2-Dichloroethene-cis	ND	29-Oct-12	µg/L
TJ004	1,2-Dichloroethene-cis	ND	13-Dec-12	µg/L
TJ004	1,2-Dichloroethene-cis	ND	22-Jan-13	µg/L
TJ004	1,2-Dichloroethene-cis	ND	14-Feb-13	µg/L
TJ004	1,2-Dichloroethene-cis	ND	21-Mar-13	µg/L
TJ004	1,4-Dioxane	ND	11-Jul-12	ug/L
TJ004	1,4-Dioxane	ND	27-Aug-12	ug/L
TJ004	1,4-Dioxane	ND	20-Sep-12	ug/L
TJ004	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ004	1,4-Dioxane	ND	22-Jan-13	ug/L
TJ004	Carbon tetrachloride	ND	29-May-12	µg/L
TJ004	Carbon tetrachloride	ND	08-Jun-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ004	Carbon tetrachloride	ND	11-Jul-12	µg/L
TJ004	Carbon tetrachloride	ND	27-Aug-12	µg/L
TJ004	Carbon tetrachloride	ND	20-Sep-12	µg/L
TJ004	Carbon tetrachloride	ND	29-Oct-12	µg/L
TJ004	Carbon tetrachloride	ND	13-Dec-12	µg/L
TJ004	Carbon tetrachloride	ND	22-Jan-13	µg/L
TJ004	Carbon tetrachloride	ND	14-Feb-13	µg/L
TJ004	Carbon tetrachloride	ND	21-Mar-13	µg/L
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	08-Jun-12	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jul-12	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Aug-12	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Sep-12	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Oct-12	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Dec-12	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Jan-13	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Feb-13	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Mar-13	NUM/100ml
TJ004	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	08-Jun-12	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	11-Jul-12	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	27-Aug-12	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	20-Sep-12	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	29-Oct-12	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	13-Dec-12	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	22-Jan-13	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	14-Feb-13	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	ND	21-Mar-13	µg/L
TJ004	Nitrate (as NO3) ,calculated IC value	16.5	29-May-12	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	17.2	08-Jun-12	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	19.6	11-Jul-12	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	26.3	27-Aug-12	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	25.6	20-Sep-12	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	23.1	29-Oct-12	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	23.7	13-Dec-12	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	23	22-Jan-13	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	22.9	14-Feb-13	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	23.2	21-Mar-13	mg/L
TJ004	Perchlorate	ND	11-Jul-12	µg/L
TJ004	Perchlorate	ND	27-Aug-12	µg/L
TJ004	Perchlorate	ND	20-Sep-12	µg/L
TJ004	Perchlorate	ND	29-Oct-12	µg/L
TJ004	Perchlorate	2.11	13-Dec-12	µg/L
TJ004	Perchlorate	ND	22-Jan-13	µg/L
TJ004	Perchlorate	ND	14-Feb-13	µg/L
TJ004	Perchlorate	2.44	21-Mar-13	µg/L
TJ004	Tetrachloroethylene (PCE)	1.83	29-May-12	µg/L
TJ004	Tetrachloroethylene (PCE)	2.77	08-Jun-12	µg/L
TJ004	Tetrachloroethylene (PCE)	6.78	11-Jul-12	µg/L
TJ004	Tetrachloroethylene (PCE)	8.08	27-Aug-12	µg/L
TJ004	Tetrachloroethylene (PCE)	7.39	20-Sep-12	µg/L
TJ004	Tetrachloroethylene (PCE)	1.61	29-Oct-12	µg/L
TJ004	Tetrachloroethylene (PCE)	3.27	13-Dec-12	µg/L
TJ004	Tetrachloroethylene (PCE)	2.15	22-Jan-13	µg/L
TJ004	Tetrachloroethylene (PCE)	0.972	14-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ004	Tetrachloroethylene (PCE)	ND	21-Mar-13	µg/L
TJ004	Trichloroethene (TCE)	2.34	29-May-12	µg/L
TJ004	Trichloroethene (TCE)	3.52	08-Jun-12	µg/L
TJ004	Trichloroethene (TCE)	7.4	11-Jul-12	µg/L
TJ004	Trichloroethene (TCE)	10.9	27-Aug-12	µg/L
TJ004	Trichloroethene (TCE)	10.5	20-Sep-12	µg/L
TJ004	Trichloroethene (TCE)	4.33	29-Oct-12	µg/L
TJ004	Trichloroethene (TCE)	7.12	13-Dec-12	µg/L
TJ004	Trichloroethene (TCE)	4.16	22-Jan-13	µg/L
TJ004	Trichloroethene (TCE)	1.6	14-Feb-13	µg/L
TJ004	Trichloroethene (TCE)	0.637	21-Mar-13	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	20-Jun-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	13-Jul-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	27-Aug-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	20-Sep-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	25-Oct-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	21-Nov-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	12-Dec-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	26-Dec-12	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	ND	09-Jan-13	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0.848	20-Jun-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	1.65	13-Jul-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	2.59	27-Aug-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	4.09	20-Sep-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	2.56	25-Oct-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	1.87	21-Nov-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	1.05	12-Dec-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0.863	26-Dec-12	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	ND	09-Jan-13	µg/L
TJ005	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	20-Jun-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	13-Jul-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	27-Aug-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	20-Sep-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	25-Oct-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	21-Nov-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	12-Dec-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	26-Dec-12	µg/L
TJ005	1,2-Dichloroethene-cis	ND	09-Jan-13	µg/L
TJ005	1,4-Dioxane	ND	29-May-12	ug/L
TJ005	1,4-Dioxane	ND	20-Jun-12	ug/L
TJ005	1,4-Dioxane	ND	13-Jul-12	ug/L
TJ005	1,4-Dioxane	ND	27-Aug-12	ug/L
TJ005	1,4-Dioxane	ND	20-Sep-12	ug/L
TJ005	1,4-Dioxane	ND	07-Nov-12	ug/L
TJ005	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ005	1,4-Dioxane	ND	09-Jan-13	ug/L
TJ005	Bromide ,Ion-Chromatography	0.1	07-Nov-12	mg/L
TJ005	Carbon tetrachloride	ND	29-May-12	µg/L
TJ005	Carbon tetrachloride	ND	20-Jun-12	µg/L
TJ005	Carbon tetrachloride	0.254	13-Jul-12	µg/L
TJ005	Carbon tetrachloride	0.455	27-Aug-12	µg/L
TJ005	Carbon tetrachloride	0.561	20-Sep-12	µg/L
TJ005	Carbon tetrachloride	0.444	25-Oct-12	µg/L
TJ005	Carbon tetrachloride	0.329	21-Nov-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ005	Carbon tetrachloride	ND	12-Dec-12	µg/L
TJ005	Carbon tetrachloride	ND	26-Dec-12	µg/L
TJ005	Carbon tetrachloride	ND	09-Jan-13	µg/L
TJ005	Chromium (Cr) Total, ICP/MS	1.2	29-May-12	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.2	20-Jun-12	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.4	13-Jul-12	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.5	27-Aug-12	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.5	20-Sep-12	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.4	13-Dec-12	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.5	09-Jan-13	ug/L
TJ005	Chromium (Cr+6) ,Diphenylcarbazide col	1.36	07-Nov-12	µg/L
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Jun-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jul-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Aug-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Sep-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Oct-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Nov-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Dec-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Dec-12	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-Jan-13	NUM/100ml
TJ005	Iron (Fe), ICP-OES	ND	07-Nov-12	ug/L
TJ005	Manganese	ND	07-Nov-12	ug/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	20-Jun-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	13-Jul-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	27-Aug-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	20-Sep-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	25-Oct-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	12-Dec-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	26-Dec-12	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	ND	09-Jan-13	µg/L
TJ005	Nitrate (as NO3) ,calculated IC value	16.5	29-May-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	20.8	20-Jun-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	26	13-Jul-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	33.5	27-Aug-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	33.8	20-Sep-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	30.3	25-Oct-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	29.9	07-Nov-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	30	21-Nov-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	27.4	12-Dec-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	26.1	26-Dec-12	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	25	09-Jan-13	mg/L
TJ005	Perchlorate	ND	29-May-12	µg/L
TJ005	Perchlorate	2.37	20-Jun-12	µg/L
TJ005	Perchlorate	2.1	13-Jul-12	µg/L
TJ005	Perchlorate	2.41	27-Aug-12	µg/L
TJ005	Perchlorate	2.79	20-Sep-12	µg/L
TJ005	Perchlorate	2.25	25-Oct-12	µg/L
TJ005	Perchlorate	2.35	07-Nov-12	µg/L
TJ005	Perchlorate	2.38	21-Nov-12	µg/L
TJ005	Perchlorate	2.76	12-Dec-12	µg/L
TJ005	Perchlorate	2.6	26-Dec-12	µg/L
TJ005	Perchlorate	2.54	09-Jan-13	µg/L
TJ005	Tetrachloroethylene (PCE)	1.49	29-May-12	µg/L
TJ005	Tetrachloroethylene (PCE)	3.6	20-Jun-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ005	Tetrachloroethylene (PCE)	5.94	13-Jul-12	µg/L
TJ005	Tetrachloroethylene (PCE)	7.68	27-Aug-12	µg/L
TJ005	Tetrachloroethylene (PCE)	8.37	20-Sep-12	µg/L
TJ005	Tetrachloroethylene (PCE)	2.95	25-Oct-12	µg/L
TJ005	Tetrachloroethylene (PCE)	3.77	21-Nov-12	µg/L
TJ005	Tetrachloroethylene (PCE)	1.98	12-Dec-12	µg/L
TJ005	Tetrachloroethylene (PCE)	1.66	26-Dec-12	µg/L
TJ005	Tetrachloroethylene (PCE)	1.15	09-Jan-13	µg/L
TJ005	Trichloroethene (TCE)	1.98	29-May-12	µg/L
TJ005	Trichloroethene (TCE)	5.09	20-Jun-12	µg/L
TJ005	Trichloroethene (TCE)	9.35	13-Jul-12	µg/L
TJ005	Trichloroethene (TCE)	15.1	27-Aug-12	µg/L
TJ005	Trichloroethene (TCE)	17.2	20-Sep-12	µg/L
TJ005	Trichloroethene (TCE)	11.6	25-Oct-12	µg/L
TJ005	Trichloroethene (TCE)	10.3	21-Nov-12	µg/L
TJ005	Trichloroethene (TCE)	6.71	12-Dec-12	µg/L
TJ005	Trichloroethene (TCE)	5.5	26-Dec-12	µg/L
TJ005	Trichloroethene (TCE)	3.19	09-Jan-13	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0.767	25-Oct-12	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0.572	21-Nov-12	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	ND	12-Dec-12	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	ND	09-Jan-13	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	ND	06-Feb-13	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	ND	13-Feb-13	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	ND	06-Mar-13	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	11.1	25-Oct-12	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	7.93	21-Nov-12	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	6.98	12-Dec-12	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	5.08	09-Jan-13	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	3.96	06-Feb-13	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	4	13-Feb-13	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	3.92	06-Mar-13	µg/L
TJ006	1,2-Dichloroethene-cis	1.07	25-Oct-12	µg/L
TJ006	1,2-Dichloroethene-cis	0.956	21-Nov-12	µg/L
TJ006	1,2-Dichloroethene-cis	0.831	12-Dec-12	µg/L
TJ006	1,2-Dichloroethene-cis	ND	09-Jan-13	µg/L
TJ006	1,2-Dichloroethene-cis	ND	06-Feb-13	µg/L
TJ006	1,2-Dichloroethene-cis	ND	13-Feb-13	µg/L
TJ006	1,2-Dichloroethene-cis	ND	06-Mar-13	µg/L
TJ006	1,4-Dioxane	1.16	07-Nov-12	ug/L
TJ006	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ006	1,4-Dioxane	ND	14-Dec-12	ug/L
TJ006	1,4-Dioxane	ND	09-Jan-13	ug/L
TJ006	Bromide ,Ion-Chromatography	0.13	07-Nov-12	mg/L
TJ006	Carbon tetrachloride	0.52	25-Oct-12	µg/L
TJ006	Carbon tetrachloride	0.301	21-Nov-12	µg/L
TJ006	Carbon tetrachloride	0.279	12-Dec-12	µg/L
TJ006	Carbon tetrachloride	ND	09-Jan-13	µg/L
TJ006	Carbon tetrachloride	ND	06-Feb-13	µg/L
TJ006	Carbon tetrachloride	ND	13-Feb-13	µg/L
TJ006	Carbon tetrachloride	ND	06-Mar-13	µg/L
TJ006	Chromium (Cr) Total, ICP/MS	1.2	13-Dec-12	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.3	09-Jan-13	ug/L
TJ006	Chromium (Cr+6) ,Diphenylcarbazide col	1.48	07-Nov-12	µg/L
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Oct-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Nov-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Nov-12	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Nov-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	05-Dec-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Dec-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Dec-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Dec-12	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	02-Jan-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-Jan-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Jan-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Jan-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	31-Jan-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Feb-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Feb-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Feb-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Mar-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Mar-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Mar-13	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
TJ006	Iron (Fe), ICP-OES	ND	07-Nov-12	ug/L
TJ006	Manganese	ND	07-Nov-12	ug/L
TJ006	Methyl-t-butyl ether (MTBE)	ND	25-Oct-12	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	ND	12-Dec-12	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	ND	09-Jan-13	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	ND	06-Feb-13	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	ND	13-Feb-13	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	ND	06-Mar-13	µg/L
TJ006	Nitrate (as NO3) ,calculated IC value	39.3	25-Oct-12	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	36.3	07-Nov-12	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	34.8	21-Nov-12	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	31.7	12-Dec-12	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	30.6	09-Jan-13	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	30.7	06-Feb-13	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	30.7	13-Feb-13	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	29	06-Mar-13	mg/L
TJ006	Perchlorate	2	25-Oct-12	µg/L
TJ006	Perchlorate	ND	07-Nov-12	µg/L
TJ006	Perchlorate	ND	21-Nov-12	µg/L
TJ006	Perchlorate	ND	12-Dec-12	µg/L
TJ006	Perchlorate	2.11	09-Jan-13	µg/L
TJ006	Perchlorate	2.29	06-Feb-13	µg/L
TJ006	Perchlorate	2.12	13-Feb-13	µg/L
TJ006	Tetrachloroethylene (PCE)	43.1	25-Oct-12	µg/L
TJ006	Tetrachloroethylene (PCE)	31.6	21-Nov-12	µg/L
TJ006	Tetrachloroethylene (PCE)	29.2	12-Dec-12	µg/L
TJ006	Tetrachloroethylene (PCE)	24.7	09-Jan-13	µg/L
TJ006	Tetrachloroethylene (PCE)	21.4	06-Feb-13	µg/L
TJ006	Tetrachloroethylene (PCE)	24.1	13-Feb-13	µg/L
TJ006	Tetrachloroethylene (PCE)	19.9	06-Mar-13	µg/L
TJ006	Trichloroethene (TCE)	38.4	25-Oct-12	µg/L
TJ006	Trichloroethene (TCE)	28.4	21-Nov-12	µg/L
TJ006	Trichloroethene (TCE)	26.8	12-Dec-12	µg/L
TJ006	Trichloroethene (TCE)	21.4	09-Jan-13	µg/L
TJ006	Trichloroethene (TCE)	18.2	06-Feb-13	µg/L
TJ006	Trichloroethene (TCE)	19.4	13-Feb-13	µg/L
TJ006	Trichloroethene (TCE)	17.1	06-Mar-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ007	1,1-Dichloroethane (1,1-DCA)	0.632	25-Oct-12	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0.646	21-Nov-12	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0.58	12-Dec-12	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	ND	09-Jan-13	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	ND	06-Feb-13	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	ND	13-Feb-13	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	ND	06-Mar-13	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	10.2	25-Oct-12	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	8.64	21-Nov-12	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	7.06	12-Dec-12	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	5.26	09-Jan-13	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	3.49	06-Feb-13	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	3.59	13-Feb-13	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	4.53	06-Mar-13	µg/L
TJ007	1,2-Dichloroethene-cis	0.714	25-Oct-12	µg/L
TJ007	1,2-Dichloroethene-cis	0.698	21-Nov-12	µg/L
TJ007	1,2-Dichloroethene-cis	0.642	12-Dec-12	µg/L
TJ007	1,2-Dichloroethene-cis	ND	09-Jan-13	µg/L
TJ007	1,2-Dichloroethene-cis	ND	06-Feb-13	µg/L
TJ007	1,2-Dichloroethene-cis	ND	13-Feb-13	µg/L
TJ007	1,2-Dichloroethene-cis	ND	06-Mar-13	µg/L
TJ007	1,4-Dioxane	1.2	07-Nov-12	ug/L
TJ007	1,4-Dioxane	1.1	13-Dec-12	ug/L
TJ007	1,4-Dioxane	1.05	14-Dec-12	ug/L
TJ007	1,4-Dioxane	1.01	09-Jan-13	ug/L
TJ007	1,4-Dioxane	ND	13-Feb-13	ug/L
TJ007	Bromide ,Ion-Chromatography	0.15	25-Oct-12	mg/L
TJ007	Bromide ,Ion-Chromatography	0.15	07-Nov-12	mg/L
TJ007	Carbon tetrachloride	0.911	25-Oct-12	µg/L
TJ007	Carbon tetrachloride	0.71	21-Nov-12	µg/L
TJ007	Carbon tetrachloride	0.601	12-Dec-12	µg/L
TJ007	Carbon tetrachloride	0.274	09-Jan-13	µg/L
TJ007	Carbon tetrachloride	ND	06-Feb-13	µg/L
TJ007	Carbon tetrachloride	0.286	13-Feb-13	µg/L
TJ007	Carbon tetrachloride	0.341	06-Mar-13	µg/L
TJ007	Chromium (Cr) Total, ICP/MS	1.5	13-Dec-12	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.5	09-Jan-13	ug/L
TJ007	Chromium (Cr+6) ,Diphenylcarbazide col	1.71	07-Nov-12	µg/L
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Oct-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Nov-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Nov-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Nov-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	05-Dec-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Dec-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	19-Dec-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Dec-12	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	02-Jan-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-Jan-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	16-Jan-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	23-Jan-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	31-Jan-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Feb-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Feb-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Feb-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Mar-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Mar-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Mar-13	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
TJ007	Iron (Fe), ICP-OES	ND	07-Nov-12	ug/L
TJ007	Manganese	ND	07-Nov-12	ug/L
TJ007	Methyl-t-butyl ether (MTBE)	ND	25-Oct-12	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	ND	12-Dec-12	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	ND	09-Jan-13	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	ND	06-Feb-13	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	ND	13-Feb-13	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	ND	06-Mar-13	µg/L
TJ007	Nitrate (as NO3) ,calculated IC value	40.8	25-Oct-12	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	37.7	07-Nov-12	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	36.8	21-Nov-12	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	34.8	12-Dec-12	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	34.4	09-Jan-13	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	34	06-Feb-13	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	33.8	13-Feb-13	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	33.2	06-Mar-13	mg/L
TJ007	Perchlorate	2.19	25-Oct-12	µg/L
TJ007	Perchlorate	ND	07-Nov-12	µg/L
TJ007	Perchlorate	ND	21-Nov-12	µg/L
TJ007	Perchlorate	2.8	12-Dec-12	µg/L
TJ007	Perchlorate	2.61	09-Jan-13	µg/L
TJ007	Perchlorate	2.82	06-Feb-13	µg/L
TJ007	Perchlorate	2.81	13-Feb-13	µg/L
TJ007	Tetrachloroethylene (PCE)	31.6	25-Oct-12	µg/L
TJ007	Tetrachloroethylene (PCE)	24.6	21-Nov-12	µg/L
TJ007	Tetrachloroethylene (PCE)	21.2	12-Dec-12	µg/L
TJ007	Tetrachloroethylene (PCE)	17.1	09-Jan-13	µg/L
TJ007	Tetrachloroethylene (PCE)	11.5	06-Feb-13	µg/L
TJ007	Tetrachloroethylene (PCE)	13.8	13-Feb-13	µg/L
TJ007	Tetrachloroethylene (PCE)	15	06-Mar-13	µg/L
TJ007	Trichloroethene (TCE)	35.8	25-Oct-12	µg/L
TJ007	Trichloroethene (TCE)	28.9	21-Nov-12	µg/L
TJ007	Trichloroethene (TCE)	26.3	12-Dec-12	µg/L
TJ007	Trichloroethene (TCE)	21	09-Jan-13	µg/L
TJ007	Trichloroethene (TCE)	15.7	06-Feb-13	µg/L
TJ007	Trichloroethene (TCE)	16.9	13-Feb-13	µg/L
TJ007	Trichloroethene (TCE)	18.1	06-Mar-13	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	13-Jun-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	13-Jul-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	27-Aug-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	20-Sep-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	25-Oct-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	21-Nov-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	12-Dec-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	26-Dec-12	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	09-Jan-13	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	ND	06-Mar-13	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	3.19	29-May-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	5.83	13-Jun-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	9.63	13-Jul-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	12.9	27-Aug-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ008	1,1-Dichloroethene (1,1-DCE)	15.9	20-Sep-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	8.42	25-Oct-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	6.86	21-Nov-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	5.82	12-Dec-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	4.95	26-Dec-12	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	3.23	09-Jan-13	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	3.15	06-Mar-13	µg/L
TJ008	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	13-Jun-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	13-Jul-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	27-Aug-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	20-Sep-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	25-Oct-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	21-Nov-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	12-Dec-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	26-Dec-12	µg/L
TJ008	1,2-Dichloroethene-cis	ND	09-Jan-13	µg/L
TJ008	1,2-Dichloroethene-cis	ND	06-Mar-13	µg/L
TJ008	1,4-Dioxane	ND	29-May-12	ug/L
TJ008	1,4-Dioxane	ND	13-Jun-12	ug/L
TJ008	1,4-Dioxane	ND	13-Jul-12	ug/L
TJ008	1,4-Dioxane	ND	27-Aug-12	ug/L
TJ008	1,4-Dioxane	ND	20-Sep-12	ug/L
TJ008	1,4-Dioxane	ND	07-Nov-12	ug/L
TJ008	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ008	1,4-Dioxane	ND	09-Jan-13	ug/L
TJ008	Bromide ,Ion-Chromatography	0.1	13-Jun-12	mg/L
TJ008	Bromide ,Ion-Chromatography	0.121	07-Nov-12	mg/L
TJ008	Carbon tetrachloride	ND	29-May-12	µg/L
TJ008	Carbon tetrachloride	0.387	13-Jun-12	µg/L
TJ008	Carbon tetrachloride	0.706	13-Jul-12	µg/L
TJ008	Carbon tetrachloride	1.34	27-Aug-12	µg/L
TJ008	Carbon tetrachloride	1.52	20-Sep-12	µg/L
TJ008	Carbon tetrachloride	0.728	25-Oct-12	µg/L
TJ008	Carbon tetrachloride	0.43	21-Nov-12	µg/L
TJ008	Carbon tetrachloride	0.448	12-Dec-12	µg/L
TJ008	Carbon tetrachloride	0.422	26-Dec-12	µg/L
TJ008	Carbon tetrachloride	ND	09-Jan-13	µg/L
TJ008	Carbon tetrachloride	ND	06-Mar-13	µg/L
TJ008	Chromium (Cr) Total, ICP/MS	ND	29-May-12	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	1.2	13-Jul-12	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	1.7	27-Aug-12	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	1.9	20-Sep-12	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	ND	13-Dec-12	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	ND	09-Jan-13	ug/L
TJ008	Chromium (Cr+6) ,Diphenylcarbazide col	0.97	07-Nov-12	µg/L
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jun-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jul-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Aug-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Sep-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	25-Oct-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	07-Nov-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Nov-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	12-Dec-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Dec-12	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	09-Jan-13	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	ND	06-Mar-13	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
TJ008	Iron (Fe), ICP-OES	ND	13-Jun-12	ug/L
TJ008	Iron (Fe), ICP-OES	ND	07-Nov-12	ug/L
TJ008	Manganese	ND	13-Jun-12	ug/L
TJ008	Manganese	ND	07-Nov-12	ug/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	13-Jun-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	13-Jul-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	27-Aug-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	20-Sep-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	25-Oct-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	21-Nov-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	12-Dec-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	26-Dec-12	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	09-Jan-13	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	ND	06-Mar-13	µg/L
TJ008	Nitrate (as NO3) ,calculated IC value	21.3	29-May-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	24.1	13-Jun-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	26.8	13-Jul-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	35.1	27-Aug-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	37.6	20-Sep-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	25.6	25-Oct-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	30.4	07-Nov-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	32.9	21-Nov-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	32.3	12-Dec-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	33.3	26-Dec-12	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	32.6	09-Jan-13	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	32.2	06-Mar-13	mg/L
TJ008	Perchlorate	ND	29-May-12	µg/L
TJ008	Perchlorate	ND	13-Jun-12	µg/L
TJ008	Perchlorate	ND	13-Jul-12	µg/L
TJ008	Perchlorate	ND	27-Aug-12	µg/L
TJ008	Perchlorate	ND	20-Sep-12	µg/L
TJ008	Perchlorate	ND	25-Oct-12	µg/L
TJ008	Perchlorate	ND	07-Nov-12	µg/L
TJ008	Perchlorate	ND	21-Nov-12	µg/L
TJ008	Perchlorate	ND	12-Dec-12	µg/L
TJ008	Perchlorate	ND	26-Dec-12	µg/L
TJ008	Perchlorate	2.01	09-Jan-13	µg/L
TJ008	Tetrachloroethylene (PCE)	1.9	29-May-12	µg/L
TJ008	Tetrachloroethylene (PCE)	3.49	13-Jun-12	µg/L
TJ008	Tetrachloroethylene (PCE)	7.93	13-Jul-12	µg/L
TJ008	Tetrachloroethylene (PCE)	13.6	27-Aug-12	µg/L
TJ008	Tetrachloroethylene (PCE)	14	20-Sep-12	µg/L
TJ008	Tetrachloroethylene (PCE)	6.77	25-Oct-12	µg/L
TJ008	Tetrachloroethylene (PCE)	6.75	21-Nov-12	µg/L
TJ008	Tetrachloroethylene (PCE)	3.81	12-Dec-12	µg/L
TJ008	Tetrachloroethylene (PCE)	2.91	26-Dec-12	µg/L
TJ008	Tetrachloroethylene (PCE)	1.97	09-Jan-13	µg/L
TJ008	Tetrachloroethylene (PCE)	1.54	06-Mar-13	µg/L
TJ008	Trichloroethene (TCE)	8.65	29-May-12	µg/L
TJ008	Trichloroethene (TCE)	13.5	13-Jun-12	µg/L
TJ008	Trichloroethene (TCE)	21.2	13-Jul-12	µg/L
TJ008	Trichloroethene (TCE)	32.2	27-Aug-12	µg/L
TJ008	Trichloroethene (TCE)	33.1	20-Sep-12	µg/L
TJ008	Trichloroethene (TCE)	18.2	25-Oct-12	µg/L
TJ008	Trichloroethene (TCE)	17.9	21-Nov-12	µg/L
TJ008	Trichloroethene (TCE)	15	12-Dec-12	µg/L
TJ008	Trichloroethene (TCE)	12.9	26-Dec-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ008	Trichloroethene (TCE)	9.04	09-Jan-13	µg/L
TJ008	Trichloroethene (TCE)	7.48	06-Mar-13	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	13-Jun-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	13-Jul-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	27-Aug-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	26-Sep-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	29-Oct-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	28-Nov-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	13-Dec-12	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	22-Jan-13	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	13-Feb-13	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	ND	21-Mar-13	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0.79	29-May-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	1.2	13-Jun-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	2.51	13-Jul-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	2.76	27-Aug-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	4.97	26-Sep-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	1.45	29-Oct-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	1.49	28-Nov-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	1.81	13-Dec-12	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	1.76	22-Jan-13	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	1.14	13-Feb-13	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	1.77	21-Mar-13	µg/L
TJ009	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	13-Jun-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	13-Jul-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	27-Aug-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	26-Sep-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	29-Oct-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	28-Nov-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	13-Dec-12	µg/L
TJ009	1,2-Dichloroethene-cis	ND	22-Jan-13	µg/L
TJ009	1,2-Dichloroethene-cis	ND	13-Feb-13	µg/L
TJ009	1,2-Dichloroethene-cis	ND	21-Mar-13	µg/L
TJ009	1,4-Dioxane	ND	13-Jul-12	ug/L
TJ009	1,4-Dioxane	ND	27-Aug-12	ug/L
TJ009	1,4-Dioxane	ND	26-Sep-12	ug/L
TJ009	1,4-Dioxane	ND	28-Nov-12	ug/L
TJ009	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ009	1,4-Dioxane	ND	22-Jan-13	ug/L
TJ009	Bromide ,Ion-Chromatography	0.122	13-Jun-12	mg/L
TJ009	Carbon tetrachloride	ND	29-May-12	µg/L
TJ009	Carbon tetrachloride	ND	13-Jun-12	µg/L
TJ009	Carbon tetrachloride	ND	13-Jul-12	µg/L
TJ009	Carbon tetrachloride	ND	27-Aug-12	µg/L
TJ009	Carbon tetrachloride	0.3	26-Sep-12	µg/L
TJ009	Carbon tetrachloride	ND	29-Oct-12	µg/L
TJ009	Carbon tetrachloride	ND	28-Nov-12	µg/L
TJ009	Carbon tetrachloride	ND	13-Dec-12	µg/L
TJ009	Carbon tetrachloride	ND	22-Jan-13	µg/L
TJ009	Carbon tetrachloride	ND	13-Feb-13	µg/L
TJ009	Carbon tetrachloride	ND	21-Mar-13	µg/L
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jun-12	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jul-12	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Aug-12	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Sep-12	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Oct-12	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Nov-12	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Dec-12	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Jan-13	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Feb-13	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Mar-13	NUM/100ml
TJ009	Iron (Fe), ICP-OES	ND	13-Jun-12	ug/L
TJ009	Manganese	ND	13-Jun-12	ug/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	13-Jun-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	13-Jul-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	27-Aug-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	26-Sep-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	29-Oct-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	28-Nov-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	13-Dec-12	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	22-Jan-13	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	13-Feb-13	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	ND	21-Mar-13	µg/L
TJ009	Nitrate (as NO3) ,calculated IC value	24.3	29-May-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	24.6	13-Jun-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	25.6	13-Jul-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	35.4	27-Aug-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	47.4	26-Sep-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	26.5	29-Oct-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	29.6	28-Nov-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	30.5	13-Dec-12	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	30.6	22-Jan-13	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	26.8	13-Feb-13	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	29.5	21-Mar-13	mg/L
TJ009	Perchlorate	2.38	29-May-12	µg/L
TJ009	Perchlorate	ND	13-Jul-12	µg/L
TJ009	Perchlorate	2.05	27-Aug-12	µg/L
TJ009	Perchlorate	2.88	26-Sep-12	µg/L
TJ009	Perchlorate	ND	29-Oct-12	µg/L
TJ009	Perchlorate	ND	28-Nov-12	µg/L
TJ009	Perchlorate	2.62	13-Dec-12	µg/L
TJ009	Perchlorate	2.12	22-Jan-13	µg/L
TJ009	Perchlorate	2.03	13-Feb-13	µg/L
TJ009	Perchlorate	2.01	21-Mar-13	µg/L
TJ009	Tetrachloroethylene (PCE)	1.93	29-May-12	µg/L
TJ009	Tetrachloroethylene (PCE)	2.41	13-Jun-12	µg/L
TJ009	Tetrachloroethylene (PCE)	2.21	13-Jul-12	µg/L
TJ009	Tetrachloroethylene (PCE)	2.85	27-Aug-12	µg/L
TJ009	Tetrachloroethylene (PCE)	4.62	26-Sep-12	µg/L
TJ009	Tetrachloroethylene (PCE)	1.35	29-Oct-12	µg/L
TJ009	Tetrachloroethylene (PCE)	1.3	28-Nov-12	µg/L
TJ009	Tetrachloroethylene (PCE)	1.48	13-Dec-12	µg/L
TJ009	Tetrachloroethylene (PCE)	1.17	22-Jan-13	µg/L
TJ009	Tetrachloroethylene (PCE)	0.925	13-Feb-13	µg/L
TJ009	Tetrachloroethylene (PCE)	1.04	21-Mar-13	µg/L
TJ009	Trichloroethene (TCE)	6.68	29-May-12	µg/L
TJ009	Trichloroethene (TCE)	7.46	13-Jun-12	µg/L
TJ009	Trichloroethene (TCE)	8.48	13-Jul-12	µg/L
TJ009	Trichloroethene (TCE)	10.8	27-Aug-12	µg/L
TJ009	Trichloroethene (TCE)	17.5	26-Sep-12	µg/L
TJ009	Trichloroethene (TCE)	5.78	29-Oct-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ009	Trichloroethene (TCE)	6.23	28-Nov-12	µg/L
TJ009	Trichloroethene (TCE)	7.64	13-Dec-12	µg/L
TJ009	Trichloroethene (TCE)	5.95	22-Jan-13	µg/L
TJ009	Trichloroethene (TCE)	4.92	13-Feb-13	µg/L
TJ009	Trichloroethene (TCE)	5.94	21-Mar-13	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	20-Jun-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	13-Jul-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	27-Aug-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	26-Sep-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	30-Oct-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	28-Nov-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	13-Dec-12	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	22-Jan-13	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	13-Feb-13	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	ND	21-Mar-13	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.577	20-Jun-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.695	13-Jul-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.828	27-Aug-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	1.6	26-Sep-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	ND	30-Oct-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.722	28-Nov-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.976	13-Dec-12	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.865	22-Jan-13	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.522	13-Feb-13	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0.844	21-Mar-13	µg/L
TJ010	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	20-Jun-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	13-Jul-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	27-Aug-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	26-Sep-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	30-Oct-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	28-Nov-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	13-Dec-12	µg/L
TJ010	1,2-Dichloroethene-cis	ND	22-Jan-13	µg/L
TJ010	1,2-Dichloroethene-cis	ND	13-Feb-13	µg/L
TJ010	1,2-Dichloroethene-cis	ND	21-Mar-13	µg/L
TJ010	1,4-Dioxane	ND	13-Jul-12	ug/L
TJ010	1,4-Dioxane	ND	27-Aug-12	ug/L
TJ010	1,4-Dioxane	ND	26-Sep-12	ug/L
TJ010	1,4-Dioxane	ND	28-Nov-12	ug/L
TJ010	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ010	1,4-Dioxane	ND	22-Jan-13	ug/L
TJ010	Bromide ,Ion-Chromatography	0.208	26-Sep-12	mg/L
TJ010	Carbon tetrachloride	ND	29-May-12	µg/L
TJ010	Carbon tetrachloride	ND	20-Jun-12	µg/L
TJ010	Carbon tetrachloride	ND	13-Jul-12	µg/L
TJ010	Carbon tetrachloride	ND	27-Aug-12	µg/L
TJ010	Carbon tetrachloride	ND	26-Sep-12	µg/L
TJ010	Carbon tetrachloride	ND	30-Oct-12	µg/L
TJ010	Carbon tetrachloride	ND	28-Nov-12	µg/L
TJ010	Carbon tetrachloride	ND	13-Dec-12	µg/L
TJ010	Carbon tetrachloride	ND	22-Jan-13	µg/L
TJ010	Carbon tetrachloride	ND	13-Feb-13	µg/L
TJ010	Carbon tetrachloride	ND	21-Mar-13	µg/L
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Unit
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Jun-12	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jul-12	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Aug-12	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	26-Sep-12	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Oct-12	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Nov-12	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Dec-12	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Jan-13	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Feb-13	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Mar-13	NUM/100ml
TJ010	Iron (Fe), ICP-OES	ND	26-Sep-12	ug/L
TJ010	Manganese	ND	26-Sep-12	ug/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	20-Jun-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	13-Jul-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	27-Aug-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	26-Sep-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	30-Oct-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	28-Nov-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	13-Dec-12	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	22-Jan-13	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	13-Feb-13	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	ND	21-Mar-13	µg/L
TJ010	Nitrate (as NO3) ,calculated IC value	17.5	29-May-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	20.6	20-Jun-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	23.2	13-Jul-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	32.1	27-Aug-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	40.9	26-Sep-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	23.2	30-Oct-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	28.8	28-Nov-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	29.2	13-Dec-12	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	29.3	22-Jan-13	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	26	13-Feb-13	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	28.7	21-Mar-13	mg/L
TJ010	Perchlorate	2.4	29-May-12	µg/L
TJ010	Perchlorate	ND	20-Jun-12	µg/L
TJ010	Perchlorate	3.22	13-Jul-12	µg/L
TJ010	Perchlorate	3.56	27-Aug-12	µg/L
TJ010	Perchlorate	5.02	26-Sep-12	µg/L
TJ010	Perchlorate	ND	30-Oct-12	µg/L
TJ010	Perchlorate	3.39	28-Nov-12	µg/L
TJ010	Perchlorate	4.01	13-Dec-12	µg/L
TJ010	Perchlorate	4.43	22-Jan-13	µg/L
TJ010	Perchlorate	3.58	13-Feb-13	µg/L
TJ010	Perchlorate	3.67	21-Mar-13	µg/L
TJ010	Tetrachloroethylene (PCE)	0.845	29-May-12	µg/L
TJ010	Tetrachloroethylene (PCE)	1.17	20-Jun-12	µg/L
TJ010	Tetrachloroethylene (PCE)	1.48	13-Jul-12	µg/L
TJ010	Tetrachloroethylene (PCE)	1.89	27-Aug-12	µg/L
TJ010	Tetrachloroethylene (PCE)	2.74	26-Sep-12	µg/L
TJ010	Tetrachloroethylene (PCE)	0.93	30-Oct-12	µg/L
TJ010	Tetrachloroethylene (PCE)	1.55	28-Nov-12	µg/L
TJ010	Tetrachloroethylene (PCE)	1.8	13-Dec-12	µg/L
TJ010	Tetrachloroethylene (PCE)	1.47	22-Jan-13	µg/L
TJ010	Tetrachloroethylene (PCE)	1.31	13-Feb-13	µg/L
TJ010	Tetrachloroethylene (PCE)	1.36	21-Mar-13	µg/L
TJ010	Trichloroethene (TCE)	5.8	29-May-12	µg/L
TJ010	Trichloroethene (TCE)	8.29	20-Jun-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ010	Trichloroethene (TCE)	9.57	13-Jul-12	µg/L
TJ010	Trichloroethene (TCE)	10.4	27-Aug-12	µg/L
TJ010	Trichloroethene (TCE)	14.8	26-Sep-12	µg/L
TJ010	Trichloroethene (TCE)	4.96	30-Oct-12	µg/L
TJ010	Trichloroethene (TCE)	8.16	28-Nov-12	µg/L
TJ010	Trichloroethene (TCE)	10.8	13-Dec-12	µg/L
TJ010	Trichloroethene (TCE)	9.94	22-Jan-13	µg/L
TJ010	Trichloroethene (TCE)	8.77	13-Feb-13	µg/L
TJ010	Trichloroethene (TCE)	10.2	21-Mar-13	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	ND	20-Jun-12	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	ND	13-Jul-12	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	ND	27-Aug-12	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0.765	20-Jun-12	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	1.09	13-Jul-12	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	1.03	27-Aug-12	µg/L
TJ011	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ011	1,2-Dichloroethene-cis	ND	20-Jun-12	µg/L
TJ011	1,2-Dichloroethene-cis	ND	13-Jul-12	µg/L
TJ011	1,2-Dichloroethene-cis	ND	27-Aug-12	µg/L
TJ011	1,4-Dioxane	1.07	13-Jul-12	ug/L
TJ011	1,4-Dioxane	1.06	27-Aug-12	ug/L
TJ011	Carbon tetrachloride	ND	29-May-12	µg/L
TJ011	Carbon tetrachloride	ND	20-Jun-12	µg/L
TJ011	Carbon tetrachloride	ND	13-Jul-12	µg/L
TJ011	Carbon tetrachloride	ND	27-Aug-12	µg/L
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Jun-12	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Jul-12	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Aug-12	NUM/100ml
TJ011	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	ND	20-Jun-12	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	ND	13-Jul-12	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	ND	27-Aug-12	µg/L
TJ011	Nitrate (as NO3) ,calculated IC value	12.8	29-May-12	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	16.2	20-Jun-12	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	22	13-Jul-12	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	28.2	27-Aug-12	mg/L
TJ011	Perchlorate	3.61	29-May-12	µg/L
TJ011	Perchlorate	3.56	20-Jun-12	µg/L
TJ011	Perchlorate	6.1	13-Jul-12	µg/L
TJ011	Perchlorate	6.5	26-Jul-12	µg/L
TJ011	Perchlorate	5.4	27-Aug-12	µg/L
TJ011	Tetrachloroethylene (PCE)	0.939	29-May-12	µg/L
TJ011	Tetrachloroethylene (PCE)	1.56	20-Jun-12	µg/L
TJ011	Tetrachloroethylene (PCE)	2.31	13-Jul-12	µg/L
TJ011	Tetrachloroethylene (PCE)	2.78	27-Aug-12	µg/L
TJ011	Trichloroethene (TCE)	7.3	29-May-12	µg/L
TJ011	Trichloroethene (TCE)	11.5	20-Jun-12	µg/L
TJ011	Trichloroethene (TCE)	16.2	13-Jul-12	µg/L
TJ011	Trichloroethene (TCE)	17.2	27-Aug-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	29-May-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	20-Jun-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	11-Jul-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	21-Aug-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	20-Sep-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	30-Oct-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	28-Nov-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	13-Dec-12	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	29-Jan-13	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	ND	14-Mar-13	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	29-May-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	20-Jun-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	11-Jul-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	21-Aug-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	20-Sep-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	30-Oct-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	28-Nov-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	13-Dec-12	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	29-Jan-13	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	ND	14-Mar-13	µg/L
TJ012	1,2-Dichloroethene-cis	ND	29-May-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	20-Jun-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	11-Jul-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	21-Aug-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	20-Sep-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	30-Oct-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	28-Nov-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	13-Dec-12	µg/L
TJ012	1,2-Dichloroethene-cis	ND	29-Jan-13	µg/L
TJ012	1,2-Dichloroethene-cis	ND	14-Mar-13	µg/L
TJ012	1,4-Dioxane	ND	11-Jul-12	ug/L
TJ012	1,4-Dioxane	ND	21-Aug-12	ug/L
TJ012	1,4-Dioxane	ND	20-Sep-12	ug/L
TJ012	1,4-Dioxane	ND	28-Nov-12	ug/L
TJ012	1,4-Dioxane	ND	13-Dec-12	ug/L
TJ012	1,4-Dioxane	ND	29-Jan-13	ug/L
TJ012	Bromide ,Ion-Chromatography	0.099	25-Jul-12	mg/L
TJ012	Bromide ,Ion-Chromatography	0.116	21-Aug-12	mg/L
TJ012	Carbon tetrachloride	ND	29-May-12	µg/L
TJ012	Carbon tetrachloride	ND	20-Jun-12	µg/L
TJ012	Carbon tetrachloride	ND	11-Jul-12	µg/L
TJ012	Carbon tetrachloride	ND	21-Aug-12	µg/L
TJ012	Carbon tetrachloride	ND	20-Sep-12	µg/L
TJ012	Carbon tetrachloride	ND	30-Oct-12	µg/L
TJ012	Carbon tetrachloride	ND	28-Nov-12	µg/L
TJ012	Carbon tetrachloride	ND	13-Dec-12	µg/L
TJ012	Carbon tetrachloride	ND	29-Jan-13	µg/L
TJ012	Carbon tetrachloride	ND	14-Mar-13	µg/L
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-May-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Jun-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jul-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Aug-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	20-Sep-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Oct-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Nov-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	13-Dec-12	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Jan-13	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Mar-13	NUM/100ml
TJ012	Iron (Fe), ICP-OES	ND	25-Jul-12	ug/L
TJ012	Iron (Fe), ICP-OES	ND	21-Aug-12	ug/L
TJ012	Manganese	ND	25-Jul-12	ug/L
TJ012	Manganese	ND	21-Aug-12	ug/L

Location Code	Analyte Name	Result	Collection Date	Unit
TJ012	Methyl-t-butyl ether (MTBE)	ND	29-May-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	20-Jun-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	11-Jul-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	21-Aug-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	20-Sep-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	30-Oct-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	28-Nov-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	13-Dec-12	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	29-Jan-13	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	ND	14-Mar-13	µg/L
TJ012	Nitrate (as NO3) ,calculated IC value	9.83	29-May-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	9.79	20-Jun-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	10	11-Jul-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	10.1	25-Jul-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	10.8	21-Aug-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	12	20-Sep-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	11.1	30-Oct-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	12.7	28-Nov-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	12.7	13-Dec-12	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	12.6	29-Jan-13	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	10.8	14-Mar-13	mg/L
TJ012	Perchlorate	ND	29-May-12	µg/L
TJ012	Perchlorate	5.49	20-Jun-12	µg/L
TJ012	Perchlorate	ND	11-Jul-12	µg/L
TJ012	Perchlorate	ND	21-Aug-12	µg/L
TJ012	Perchlorate	ND	20-Sep-12	µg/L
TJ012	Perchlorate	ND	30-Oct-12	µg/L
TJ012	Perchlorate	ND	28-Nov-12	µg/L
TJ012	Perchlorate	ND	13-Dec-12	µg/L
TJ012	Perchlorate	ND	29-Jan-13	µg/L
TJ012	Perchlorate	ND	14-Mar-13	µg/L
TJ012	Tetrachloroethylene (PCE)	ND	29-May-12	µg/L
TJ012	Tetrachloroethylene (PCE)	0.512	20-Jun-12	µg/L
TJ012	Tetrachloroethylene (PCE)	0.563	11-Jul-12	µg/L
TJ012	Tetrachloroethylene (PCE)	0.645	21-Aug-12	µg/L
TJ012	Tetrachloroethylene (PCE)	0.72	20-Sep-12	µg/L
TJ012	Tetrachloroethylene (PCE)	ND	30-Oct-12	µg/L
TJ012	Tetrachloroethylene (PCE)	ND	28-Nov-12	µg/L
TJ012	Tetrachloroethylene (PCE)	ND	13-Dec-12	µg/L
TJ012	Tetrachloroethylene (PCE)	ND	29-Jan-13	µg/L
TJ012	Tetrachloroethylene (PCE)	ND	14-Mar-13	µg/L
TJ012	Trichloroethene (TCE)	1.98	29-May-12	µg/L
TJ012	Trichloroethene (TCE)	2.1	20-Jun-12	µg/L
TJ012	Trichloroethene (TCE)	2.52	11-Jul-12	µg/L
TJ012	Trichloroethene (TCE)	2.98	21-Aug-12	µg/L
TJ012	Trichloroethene (TCE)	3.34	20-Sep-12	µg/L
TJ012	Trichloroethene (TCE)	1.13	30-Oct-12	µg/L
TJ012	Trichloroethene (TCE)	ND	28-Nov-12	µg/L
TJ012	Trichloroethene (TCE)	0.613	13-Dec-12	µg/L
TJ012	Trichloroethene (TCE)	ND	29-Jan-13	µg/L
TJ012	Trichloroethene (TCE)	2.06	14-Mar-13	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	30-Apr-12	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	30-May-12	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	22-Jun-12	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	30-Jul-12	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	14-Aug-12	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	10-Sep-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
VE011	1,1-Dichloroethane (1,1-DCA)	ND	31-Oct-12	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	27-Nov-12	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	ND	27-Mar-13	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	30-Apr-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	30-May-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	22-Jun-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	30-Jul-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	14-Aug-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	10-Sep-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	31-Oct-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	27-Nov-12	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	ND	27-Mar-13	µg/L
VE011	1,2-Dichloroethene-cis	ND	30-Apr-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	30-May-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	22-Jun-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	30-Jul-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	14-Aug-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	10-Sep-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	31-Oct-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	27-Nov-12	µg/L
VE011	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
VE011	1,2-Dichloroethene-cis	ND	27-Mar-13	µg/L
VE011	1,4-Dioxane	ND	30-May-12	ug/L
VE011	Carbon tetrachloride	ND	30-Apr-12	µg/L
VE011	Carbon tetrachloride	ND	30-May-12	µg/L
VE011	Carbon tetrachloride	ND	22-Jun-12	µg/L
VE011	Carbon tetrachloride	ND	30-Jul-12	µg/L
VE011	Carbon tetrachloride	0.345	14-Aug-12	µg/L
VE011	Carbon tetrachloride	0.327	10-Sep-12	µg/L
VE011	Carbon tetrachloride	ND	31-Oct-12	µg/L
VE011	Carbon tetrachloride	ND	27-Nov-12	µg/L
VE011	Carbon tetrachloride	ND	28-Feb-13	µg/L
VE011	Carbon tetrachloride	ND	27-Mar-13	µg/L
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Apr-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-May-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Jun-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Jul-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	14-Aug-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Sep-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	31-Oct-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Nov-12	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
VE011	Methyl-t-butyl ether (MTBE)	ND	30-Apr-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	30-May-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	22-Jun-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	30-Jul-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	14-Aug-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	10-Sep-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	31-Oct-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	27-Nov-12	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
VE011	Methyl-t-butyl ether (MTBE)	ND	27-Mar-13	µg/L
VE011	Nitrate (as NO3) ,calculated IC value	5.76	30-Apr-12	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	12.9	30-May-12	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	12.9	22-Jun-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
VE011	Nitrate (as NO3) ,calculated IC value	12.6	30-Jul-12	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	12.8	14-Aug-12	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	16.5	10-Sep-12	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	6.64	31-Oct-12	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	6.96	27-Nov-12	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	6.38	28-Feb-13	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	6.69	27-Mar-13	mg/L
VE011	Perchlorate	ND	10-Sep-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	30-Apr-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	30-May-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	22-Jun-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	30-Jul-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	14-Aug-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	10-Sep-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	31-Oct-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	27-Nov-12	µg/L
VE011	Tetrachloroethylene (PCE)	ND	28-Feb-13	µg/L
VE011	Tetrachloroethylene (PCE)	ND	27-Mar-13	µg/L
VE011	Trichloroethene (TCE)	0.638	30-Apr-12	µg/L
VE011	Trichloroethene (TCE)	2.09	30-May-12	µg/L
VE011	Trichloroethene (TCE)	2.18	22-Jun-12	µg/L
VE011	Trichloroethene (TCE)	2.1	30-Jul-12	µg/L
VE011	Trichloroethene (TCE)	2.8	14-Aug-12	µg/L
VE011	Trichloroethene (TCE)	2.63	10-Sep-12	µg/L
VE011	Trichloroethene (TCE)	1.28	31-Oct-12	µg/L
VE011	Trichloroethene (TCE)	1.5	27-Nov-12	µg/L
VE011	Trichloroethene (TCE)	0.944	28-Feb-13	µg/L
VE011	Trichloroethene (TCE)	1.18	27-Mar-13	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	ND	27-Mar-13	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	ND	27-Mar-13	µg/L
WH004	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
WH004	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
WH004	1,2-Dichloroethene-cis	ND	27-Mar-13	µg/L
WH004	1,4-Dioxane	ND	29-Nov-12	ug/L
WH004	1,4-Dioxane	ND	28-Feb-13	ug/L
WH004	Bromide ,Ion-Chromatography	0.074	29-Nov-12	mg/L
WH004	Carbon tetrachloride	ND	29-Nov-12	µg/L
WH004	Carbon tetrachloride	ND	28-Feb-13	µg/L
WH004	Carbon tetrachloride	ND	27-Mar-13	µg/L
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
WH004	Iron (Fe), ICP-OES	25.5	29-Nov-12	ug/L
WH004	Manganese	ND	29-Nov-12	ug/L
WH004	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
WH004	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
WH004	Methyl-t-butyl ether (MTBE)	ND	27-Mar-13	µg/L
WH004	Nitrate (as NO3) ,calculated IC value	8.15	29-Nov-12	mg/L
WH004	Nitrate (as NO3) ,calculated IC value	8.55	28-Feb-13	mg/L
WH004	Nitrate (as NO3) ,calculated IC value	7.93	27-Mar-13	mg/L
WH004	Perchlorate	ND	29-Nov-12	µg/L
WH004	Tetrachloroethylene (PCE)	3.15	29-Nov-12	µg/L
WH004	Tetrachloroethylene (PCE)	2.16	28-Feb-13	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
WH004	Tetrachloroethylene (PCE)	2.16	27-Mar-13	µg/L
WH004	Trichloroethene (TCE)	1.12	29-Nov-12	µg/L
WH004	Trichloroethene (TCE)	1.18	28-Feb-13	µg/L
WH004	Trichloroethene (TCE)	0.97	27-Mar-13	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	30-Apr-12	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	30-May-12	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	28-Jun-12	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	30-Jul-12	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	28-Aug-12	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	ND	27-Mar-13	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	30-Apr-12	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	30-May-12	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	28-Jun-12	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	30-Jul-12	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	28-Aug-12	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	ND	27-Mar-13	µg/L
WH005	1,2-Dichloroethene-cis	ND	30-Apr-12	µg/L
WH005	1,2-Dichloroethene-cis	ND	30-May-12	µg/L
WH005	1,2-Dichloroethene-cis	ND	28-Jun-12	µg/L
WH005	1,2-Dichloroethene-cis	ND	30-Jul-12	µg/L
WH005	1,2-Dichloroethene-cis	ND	28-Aug-12	µg/L
WH005	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
WH005	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
WH005	1,2-Dichloroethene-cis	ND	27-Mar-13	µg/L
WH005	1,4-Dioxane	ND	30-May-12	ug/L
WH005	Carbon tetrachloride	ND	30-Apr-12	µg/L
WH005	Carbon tetrachloride	ND	30-May-12	µg/L
WH005	Carbon tetrachloride	ND	28-Jun-12	µg/L
WH005	Carbon tetrachloride	ND	30-Jul-12	µg/L
WH005	Carbon tetrachloride	ND	28-Aug-12	µg/L
WH005	Carbon tetrachloride	ND	29-Nov-12	µg/L
WH005	Carbon tetrachloride	ND	28-Feb-13	µg/L
WH005	Carbon tetrachloride	ND	27-Mar-13	µg/L
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Apr-12	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-May-12	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Jun-12	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Jul-12	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Aug-12	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
WH005	Methyl-t-butyl ether (MTBE)	ND	30-Apr-12	µg/L
WH005	Methyl-t-butyl ether (MTBE)	ND	30-May-12	µg/L
WH005	Methyl-t-butyl ether (MTBE)	ND	28-Jun-12	µg/L
WH005	Methyl-t-butyl ether (MTBE)	ND	30-Jul-12	µg/L
WH005	Methyl-t-butyl ether (MTBE)	ND	28-Aug-12	µg/L
WH005	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
WH005	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
WH005	Methyl-t-butyl ether (MTBE)	ND	27-Mar-13	µg/L
WH005	Nitrate (as NO3) ,calculated IC value	11.3	30-Apr-12	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.7	30-May-12	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	11	28-Jun-12	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.5	30-Jul-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
WH005	Nitrate (as NO3) ,calculated IC value	12.4	28-Aug-12	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.7	29-Nov-12	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.9	28-Feb-13	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.2	27-Mar-13	mg/L
WH005	Perchlorate	ND	28-Aug-12	µg/L
WH005	Tetrachloroethylene (PCE)	2.02	30-Apr-12	µg/L
WH005	Tetrachloroethylene (PCE)	2.08	30-May-12	µg/L
WH005	Tetrachloroethylene (PCE)	2.28	28-Jun-12	µg/L
WH005	Tetrachloroethylene (PCE)	1.96	30-Jul-12	µg/L
WH005	Tetrachloroethylene (PCE)	2.63	28-Aug-12	µg/L
WH005	Tetrachloroethylene (PCE)	3.01	29-Nov-12	µg/L
WH005	Tetrachloroethylene (PCE)	2.01	28-Feb-13	µg/L
WH005	Tetrachloroethylene (PCE)	2.06	27-Mar-13	µg/L
WH005	Trichloroethene (TCE)	2.24	30-Apr-12	µg/L
WH005	Trichloroethene (TCE)	1.55	30-May-12	µg/L
WH005	Trichloroethene (TCE)	1.62	28-Jun-12	µg/L
WH005	Trichloroethene (TCE)	1.57	30-Jul-12	µg/L
WH005	Trichloroethene (TCE)	3.57	28-Aug-12	µg/L
WH005	Trichloroethene (TCE)	1.76	29-Nov-12	µg/L
WH005	Trichloroethene (TCE)	1.9	28-Feb-13	µg/L
WH005	Trichloroethene (TCE)	1.33	27-Mar-13	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	ND	30-Apr-12	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	ND	30-May-12	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	ND	22-Jun-12	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	ND	11-Jul-12	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	ND	01-Aug-12	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	ND	30-Apr-12	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	ND	30-May-12	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	ND	22-Jun-12	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	ND	11-Jul-12	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	ND	01-Aug-12	µg/L
WH006A	1,2-Dichloroethene-cis	ND	30-Apr-12	µg/L
WH006A	1,2-Dichloroethene-cis	ND	30-May-12	µg/L
WH006A	1,2-Dichloroethene-cis	ND	22-Jun-12	µg/L
WH006A	1,2-Dichloroethene-cis	ND	11-Jul-12	µg/L
WH006A	1,2-Dichloroethene-cis	ND	01-Aug-12	µg/L
WH006A	1,4-Dioxane	ND	30-May-12	ug/L
WH006A	Carbon tetrachloride	ND	30-Apr-12	µg/L
WH006A	Carbon tetrachloride	ND	30-May-12	µg/L
WH006A	Carbon tetrachloride	ND	22-Jun-12	µg/L
WH006A	Carbon tetrachloride	ND	11-Jul-12	µg/L
WH006A	Carbon tetrachloride	ND	01-Aug-12	µg/L
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-Apr-12	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	30-May-12	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	22-Jun-12	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	11-Jul-12	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	ND	01-Aug-12	NUM/100ml
WH006A	Methyl-t-butyl ether (MTBE)	ND	30-Apr-12	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	ND	30-May-12	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	ND	22-Jun-12	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	ND	11-Jul-12	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	ND	01-Aug-12	µg/L
WH006A	Nitrate (as NO3) ,calculated IC value	2.45	30-Apr-12	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.38	30-May-12	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.47	22-Jun-12	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.33	11-Jul-12	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.2	01-Aug-12	mg/L

Location Code	Analyte Name	Result	Collection Date	Unit
WH006A	Perchlorate	ND	01-Aug-12	µg/L
WH006A	Tetrachloroethylene (PCE)	ND	30-Apr-12	µg/L
WH006A	Tetrachloroethylene (PCE)	1.08	30-May-12	µg/L
WH006A	Tetrachloroethylene (PCE)	1.16	22-Jun-12	µg/L
WH006A	Tetrachloroethylene (PCE)	1.18	11-Jul-12	µg/L
WH006A	Tetrachloroethylene (PCE)	1.06	01-Aug-12	µg/L
WH006A	Trichloroethene (TCE)	ND	30-Apr-12	µg/L
WH006A	Trichloroethene (TCE)	2.24	30-May-12	µg/L
WH006A	Trichloroethene (TCE)	2.52	22-Jun-12	µg/L
WH006A	Trichloroethene (TCE)	2.62	11-Jul-12	µg/L
WH006A	Trichloroethene (TCE)	2.38	01-Aug-12	µg/L
WH007	1,1-Dichloroethane (1,1-DCA)	ND	21-Aug-12	µg/L
WH007	1,1-Dichloroethane (1,1-DCA)	ND	10-Sep-12	µg/L
WH007	1,1-Dichloroethane (1,1-DCA)	ND	29-Nov-12	µg/L
WH007	1,1-Dichloroethane (1,1-DCA)	ND	28-Feb-13	µg/L
WH007	1,1-Dichloroethane (1,1-DCA)	ND	27-Mar-13	µg/L
WH007	1,1-Dichloroethene (1,1-DCE)	ND	21-Aug-12	µg/L
WH007	1,1-Dichloroethene (1,1-DCE)	ND	10-Sep-12	µg/L
WH007	1,1-Dichloroethene (1,1-DCE)	ND	29-Nov-12	µg/L
WH007	1,1-Dichloroethene (1,1-DCE)	ND	28-Feb-13	µg/L
WH007	1,1-Dichloroethene (1,1-DCE)	ND	27-Mar-13	µg/L
WH007	1,2-Dichloroethene-cis	ND	21-Aug-12	µg/L
WH007	1,2-Dichloroethene-cis	ND	10-Sep-12	µg/L
WH007	1,2-Dichloroethene-cis	ND	29-Nov-12	µg/L
WH007	1,2-Dichloroethene-cis	ND	28-Feb-13	µg/L
WH007	1,2-Dichloroethene-cis	ND	27-Mar-13	µg/L
WH007	1,4-Dioxane	ND	21-Aug-12	ug/L
WH007	Bromide ,Ion-Chromatography	0.325	21-Aug-12	mg/L
WH007	Carbon tetrachloride	ND	21-Aug-12	µg/L
WH007	Carbon tetrachloride	ND	10-Sep-12	µg/L
WH007	Carbon tetrachloride	ND	29-Nov-12	µg/L
WH007	Carbon tetrachloride	ND	28-Feb-13	µg/L
WH007	Carbon tetrachloride	ND	27-Mar-13	µg/L
WH007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	21-Aug-12	NUM/100ml
WH007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	10-Sep-12	NUM/100ml
WH007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	29-Nov-12	NUM/100ml
WH007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	28-Feb-13	NUM/100ml
WH007	Coliform Total (CL,QT2000) ,MM0-MUG	ND	27-Mar-13	NUM/100ml
WH007	Iron (Fe), ICP-OES	389	22-Aug-12	ug/L
WH007	Manganese	3.3	22-Aug-12	ug/L
WH007	Methyl-t-butyl ether (MTBE)	ND	21-Aug-12	µg/L
WH007	Methyl-t-butyl ether (MTBE)	ND	10-Sep-12	µg/L
WH007	Methyl-t-butyl ether (MTBE)	ND	29-Nov-12	µg/L
WH007	Methyl-t-butyl ether (MTBE)	ND	28-Feb-13	µg/L
WH007	Methyl-t-butyl ether (MTBE)	ND	27-Mar-13	µg/L
WH007	Nitrate (as NO3) ,calculated IC value	3.46	21-Aug-12	mg/L
WH007	Nitrate (as NO3) ,calculated IC value	9.08	10-Sep-12	mg/L
WH007	Nitrate (as NO3) ,calculated IC value	2.87	29-Nov-12	mg/L
WH007	Nitrate (as NO3) ,calculated IC value	2.78	28-Feb-13	mg/L
WH007	Nitrate (as NO3) ,calculated IC value	2.77	27-Mar-13	mg/L
WH007	Perchlorate	ND	21-Aug-12	µg/L
WH007	Tetrachloroethylene (PCE)	ND	21-Aug-12	µg/L
WH007	Tetrachloroethylene (PCE)	2.39	10-Sep-12	µg/L
WH007	Tetrachloroethylene (PCE)	ND	29-Nov-12	µg/L
WH007	Tetrachloroethylene (PCE)	ND	28-Feb-13	µg/L
WH007	Tetrachloroethylene (PCE)	ND	27-Mar-13	µg/L
WH007	Trichloroethene (TCE)	0.618	21-Aug-12	µg/L

Location Code	Analyte Name	Result	Collection Date	Unit
WH007	Trichloroethene (TCE)	3.74	10-Sep-12	µg/L
WH007	Trichloroethene (TCE)	ND	29-Nov-12	µg/L
WH007	Trichloroethene (TCE)	ND	28-Feb-13	µg/L
WH007	Trichloroethene (TCE)	ND	27-Mar-13	µg/L

APPENDIX B

CITY OF BURBANK

PUMPING AND SPREADING PLAN

2012-2017 Water Years

GROUNDWATER PUMPING
AND
SPREADING PLAN

FIVE WATER YEARS

OCTOBER 1, 2012 TO SEPTEMBER 30, 2017

BURBANK Water and Power Since 1913

WATER DIVISION
164 W. MAGNOLIA BOULEVARD
MAY 2013

Table of Contents

List of Tables

List of Figures

List of Appendices

SECTION 1: INTRODUCTION

The groundwater rights of the City of Burbank are defined by the Judgment in Superior Court Case No. 650079, entitled "The City of Los Angeles, a Municipal Corporation, Plaintiff, vs. City of San Fernando, et. al., Defendants". The Final Judgment (Judgment) was signed on January 26, 1979.

In 1993, significant revisions were made to the Upper Los Angeles River Area (ULARA) Policies and Procedures with the addition of Section 2.9, Groundwater Quality Management. This addition was made by the Watermaster and the Administrative Committee to affirm its commitments to participate in the cleanup of the ground water and limit the spread of contamination in the San Fernando basin. The 1998 revision of the Policies and Procedures now includes Section 5.0, Watermaster Management of Groundwater Quality. This report is in response to Section 5.4, Groundwater Pumping and Spreading Plan for the Upper Los Angeles River Area.

The annual Groundwater Pumping and Spreading Plan is based on the water year, October 1 to September 30, and it includes projections for five years beginning with the current water year. This Plan for Burbank will be submitted to the Watermaster in May 2013. The Watermaster will evaluate the impact of pumping and spreading by all the parties, and the ULARA Pumping and Spreading Plan compiled by the Watermaster will be released in July 2013.

Burbank's Plan was prepared by the Water Engineering and Planning Section of City of Burbank Water and Power. Questions may be addressed to Bob Doxsee, Civil Engineering Associate, at (818) 238-3500 or by e-mail to bdoxsee@ci.burbank.ca.us.

SECTION 2: WATER DEMAND

The annual total water demand for the last ten years and the projected annual water demand for the next five years are shown in Table 2.

Urgent requests for voluntary conservation began in 2007. With increasing public awareness of water supply issues, and to comply with new State legislation, the plan is for 20 percent reduction in per-capita potable water usage by 2020. That target was actually reached in Fiscal Year 2009/10, with some help from the weather. In the more recent dry years, it is not surprising that water demands were higher. Local supplies will be used as much as possible in order to reduce the demand on imported supplies from the Metropolitan Water District of Southern California (MWD). The projected water demand may vary significantly due to weather and/or economic conditions in the Burbank area; a variance of ±5% may be expected. Major expansion of the recycled system continues in 2013, and recycled water conversions will continue to offset demand on the potable water system.

SECTION 3: WATER SUPPLY

The water supply for the City of Burbank is composed of purchased water from MWD, locally produced and treated groundwater, and recycled water from the Burbank Water Reclamation Plant. A discussion about each of the sources of supply is included below, and historic and projected use of each water source is shown in Table 3.

3.1 MWD

Burbank continues to directly rely on MWD for up to 70% of its water supply. Burbank purchases from MWD treated water for direct delivery to its distribution system and untreated water for basin replenishment. The City must purchase and spread water within the basin or purchase Physical Solution credits from the Los Angeles Department of Water and Power (LADWP) to operate its local groundwater wells. The economics determine which of these two options or what percentage of each Burbank will exercise in a given water year.

3.2 GAC Treatment Plant

Historically, the GAC Treatment Plant was normally operated during the summer season from May to October. However, total chromium in the plant effluent would exceed the limit of five parts per billion (ppb) set by Burbank City Council policy for water delivered to the distribution system. The GAC treatment process does not remove chromium, and facilities for blending are not available. Current plans are to keep the plant shut down, except for emergencies and water quality testing, due to the Council's policy. New Chromium VI regulations will lead to decisions on the future use of the water. On July 27, 2011, the Office of Environmental Health Hazard Assessment issued a Public Health Goal (PHG) of 0.02 micrograms per liter for Chromium VI. The California Department of Public Health (CDPH) is now in the process of developing a Maximum Contaminant Level (MCL) for Chromium VI.

The GAC Treatment Plant treats the groundwater produced from Well No. 7 and Well No. 15 (Figure 3.1). The plant has a treatment capacity of 2,000 gallons per minute (gpm). In Water Year (WY) 2011/12, pumping for water quality testing resulted in 4 acre-feet (AF) being produced and delivered to the Magnolia Power Project cooling towers for industrial cooling.

3.3 EPA Consent Decree Project

The EPA Consent Decree Project (also known as Burbank Operable Unit or BOU) became operational January 3, 1996. The source of groundwater for treatment at the BOU is Wells VO-1 through VO-8 (Figure 3.1) and the treatment plant has a capacity of 9,000 gpm. The Second Consent Decree was entered on June 22, 1998.

3.4 Recycled Water

A master plan for expansion of the recycled water system was completed in 2007 and updated in 2010. The plan lays out an expansion of the distribution system which is expected to deliver an additional 1,000 acre-feet per year (AFY) of recycled water. 625 AFY of this total will directly offset potable water deliveries. The remaining 375 AFY will offset groundwater pumped from the well at Valhalla Memorial Park (Valhalla). Much of the distribution main construction has already been completed, and site conversions are in progress.

3.5 Production Wells

Burbank has eight wells that are part of the BOU collector system, plus another four wells which are mechanically and electrically operable, and two others which have had equipment removed. The eight BOU wells are on “Active” status, while all the others are on "Inactive" status with the California Department of Public Health (DPH). (See Table 1.) Except for water quality testing at Wells 7 and 15, Burbank does not plan to operate the inactive wells in WY 2012/13 unless an emergency develops. Well No. 7 produces 1,050 gpm and Well No. 15 produces 850 gpm to supply the GAC treatment plant.

TABLE 1

BWP’S WELL STATUS

Active Wells	Inactive Wells	Inactive-Pulled
VO-1	No. 6A	No. 11A
VO-2	No. 7	No. 12
VO-3	No. 13A	
VO-4	No. 15	
VO-5		
VO-6		
VO-7		
VO-8		

SECTION 4: GROUNDWATER CREDITS

The Judgment includes a number of procedures related to groundwater pumping that Burbank and the other defendants must follow. In order to pump groundwater, rights to groundwater must be established and in the San Fernando Basin, those rights are accounted for as groundwater credits. Rights and procedures related to establishing, counting and maintaining groundwater credits are discussed in the following paragraphs. Historic and projected future groundwater credits are shown in Table 4.

4.1 Import Return Water

Under the Judgment, Burbank is entitled to extract 20 percent of water it delivered (potable and recycled) in the prior water year. This is known as import return water. The import return water credited for WY 2012/13 (based on water delivered in WY 2011/12) is 4,117 AF.

Estimated import return water credit for the next water year, based on 20,000 AF of delivered water, will be 4,000 AF.

4.2 Physical Solution

Burbank has a Physical Solution right to 4,200 AFY in addition to its import return water extraction rights. This is a right to purchase up to 4,200 AFY of groundwater credits from the City of Los Angeles. The price paid to the City of Los Angeles for this groundwater is set by formula in the Judgment.

Depending on the price of MWD untreated imported water and Physical Solution water from the City of Los Angeles, a decision will be made each year regarding which to purchase. MWD untreated water is currently less expensive than Physical Solution water, and allocation of the MWD supply ended in April 2011. Therefore, Burbank will not purchase Physical Solution water from the City of Los Angeles in WY 2012/13. The current plan reflects the spreading of imported water instead of the purchase of Physical Solution credits.

In the Judgment, Valhalla and Lockheed Martin have the right under the Physical Solution to pump up to 300 AFY and 25 AFY, respectively. Burbank will charge the Physical Solution right holders for groundwater they extracted and claim the extractions against Burbank's rights.

4.3 Stored Water Credit

Burbank has a stored water credit of 12,305 AF as of October 1, 2012. Burbank’s objective is to maintain a reserve of 10,000 AF of stored water credits. (See Appendix B.) Therefore, some combination of Physical Solution and/or spreading of imported water is necessary to avoid depleting the stored water credits.

4.4 Spreading Operations and Transfers of Credits

Burbank has purchased water for basin replenishment since 1989. The water was typically spread at the Pacoima Spreading Grounds by L.A. County Public Works Department with the assistance of the Los Angeles Department of Water and Power (LADWP). Beginning in WY 1994/95, Burbank exchanged with LADWP purchased imported water taken through MWD service connection LA-35 at the LADWP Treatment Plant for groundwater credits.

In 2010 Burbank completed a new service connection to MWD at the end of the Foothill Feeder. (See Figure 4.1.) The connection is capable of delivering 50 cubic feet per second (cfs) of untreated imported water to the Pacoima Wash, where the water is conveyed down to the Pacoima Spreading Grounds. Additionally, this service connection allows Burbank to direct water to the Lopez Spreading Grounds via the Lopez Ditch. These facilities allow Burbank to spread the 6,000 to 8,000 AFY of untreated water at the Pacoima Spreading Grounds that is needed to avoid depleting its stored groundwater credits.

Burbank received the first water delivery through the new connection on April 26, 2010. By agreement with MWD, Burbank will spread a minimum of 150 AF twice a year to maintain water quality at the end of the Foothill Feeder. After the MWD allocation ended, MWD water was available for a limited time at the lower replenishment rate, so Burbank spread as much water as possible in WY 2010/11. A total of 11,187 AF of imported water was delivered and spread at the Pacoima spreading grounds. The replenishment rate was not available after September 2011, but Burbank still spread 1,371 AF in WY 2011/12 and 6,700 AF in WY 2012/13 (through April 2013). For the next two water years covered by this plan, Burbank plans to purchase 7,000 AF per year of Physical Solution credits, untreated imported water, or a combination of the two, and 6,200 AF per year for the following three years.

SECTION 5: CAPITAL IMPROVEMENTS

5.1 Wells

Burbank plans to continue the use of Wells No. 7 and No. 15 for the GAC Treatment Plant when it is operated. Wells V-01 through V-08 will continue to be operated to supply water to the BOU. No capital improvements are planned for any wells.

5.2 Groundwater Treatment Facilities

EPA Project: The EPA Consent Decree Project became fully operational on January 3, 1996. Burbank assumed responsibility for operation and maintenance of the BOU on March 12, 2001. Initially, the facility had difficulty in sustaining operation at the designed treatment rate of 9,000 gpm. Burbank, Lockheed-Martin, and the USEPA cooperated in efforts to determine the cause(s) of the reduced production. Over the past few years, several process enhancements and repairs were made to the liquid-phase GAC vessels and to the vapor-phase GAC vessels.

As part of the requirement to close the First Consent Decree, USEPA required Burbank to demonstrate that the BOU would operate at its design capacity. In the fall of 2010, Burbank successfully completed the performance test of the BOU by operating the facility at 9,000 gpm for 60-days.

The City of Burbank currently contracts with APTwater Services, LLC, for the day-to-day operation and maintenance of the BOU.

GAC Treatment Plant: The plant will remain on an active status, but will not be operated except for well water quality tests and for emergencies. No capital improvement projects are planned for the GAC Treatment Plant.

TABLE 2

ACTUAL AND PROJECTED WATER DEMAND

Water Year	Acre-Feet
2002/03	23,199
2003/04	24,357
2004/05	21,790
2005/06	24,110
2006/07	25,745
2007/08	24,653
2008/09	22,532
2009/10	20,852
2010/11	19,735
2011/12	20,938
2012/13*	20,362
2013/14*	21,302
2014/15*	21,146
2015/16*	21,128
2016/17*	21,089

* Projected

NOTES:

1) Water demand equals the total of MWD, extractions (GAC, Valley/BOU, Valhalla, and cleanup pumpers), and recycled.
2) The five-year average water demand was 21,742 AFY for WY 2007/08 through 2011/12.

TABLE 3

SOURCES OF SUPPLY

Water Year	MWD	GAC	BOU	Recycled	Valhalla	Total
2002/03	13,158	0	9,170	488	383	23,199
2003/04	13,751	0	9,660	549	397	24,357
2004/05	14,415	0	6,399	681	295	21,790
2005/06	11,879	0	10,108	1,692	431	24,110
2006/07	13,444	0	9,780	2,082	431	25,737
2007/08	15,299	0	6,817	2,192	337	24,645
2008/09	10,202	148	9,818	2,011	346	22,525
2009/10	8,401	5	10,043	2,080	317	20,846
2010/11	7,376	4	10,394	1,568	387	19,729
2011/12	8,602	4	9,993	2,000	338	20,937
2012/13*	7,654	0	10,733	1,625	350	20,362
2013/14*	7,453	0	10,909	2,940	0	21,302
2014/15*	7,289	0	10,909	2,948	0	21,146
2015/16*	7,263	0	10,909	2,956	0	21,128
2016/17*	7,216	0	10,909	2,964	0	21,089

*Projected

Notes:

1. Valhalla is expected to be using recycled water instead of groundwater by WY 2013/14.
2. GAC was used only for nonpotable in WY 2008/09, 2009/10, 2010/11, and 2011/12.
3. BOU includes small amounts of non-municipal use which is not included in the import return calculation.
4. Pumping for groundwater cleanup (about 8 AFY) is not included in this water supply table.

TABLE 4

GROUNDWATER CREDITS

Water Year	Physical Solution	Import Return	Spreading Operations	Other	Total
2002/03	300	4,622	0	0	4,922
2003/04	0	4,847	0	44 (1)	4,891
2004/05	0	4,350	0	0	4,350
2005/06	0	4,817	0	0	4,817
2006/07	4,200	5,058	0	4,000 (2)	13,258
2007/08	4,200	4,855	0	0	9,055
2008/09	4,200	4,432	0	2,000 (3)	10,632
2009/10	0	4,103	34	0	4,137
2010/11	0	3,864	11,187	0	15,051
2011/12	0	4,117	1,371	0	5,488
2012/13*	0	3,997	6,700	0	10,697
2013/14*	0	4,255	7,000	50 (4)	11,305
2014/15*	0	4,224	7,000	100 (4)	11,324
2015/16*	0	4,221	6,200	500 (4)	10,921
2016/17*	0	4,213	6,200	500 (4)	10,913

*Projected

Notes:

1. In WY 2003/04, 44 AF of stored water credit was transferred from Glendale to Burbank to compensate for April 2004 water transfer via system interconnection.
2. A 4,000 AF exchange of untreated MWD water for groundwater credits was arranged with LADWP for WY 2006/07.
3. A 2,000 AF exchange of untreated MWD water for groundwater credits was arranged with LADWP for WY 2008/09.
4. Beginning WY 2013/14, groundwater credits are expected from LADWP in exchange for recycled water delivered from Burbank to the LADWP system.

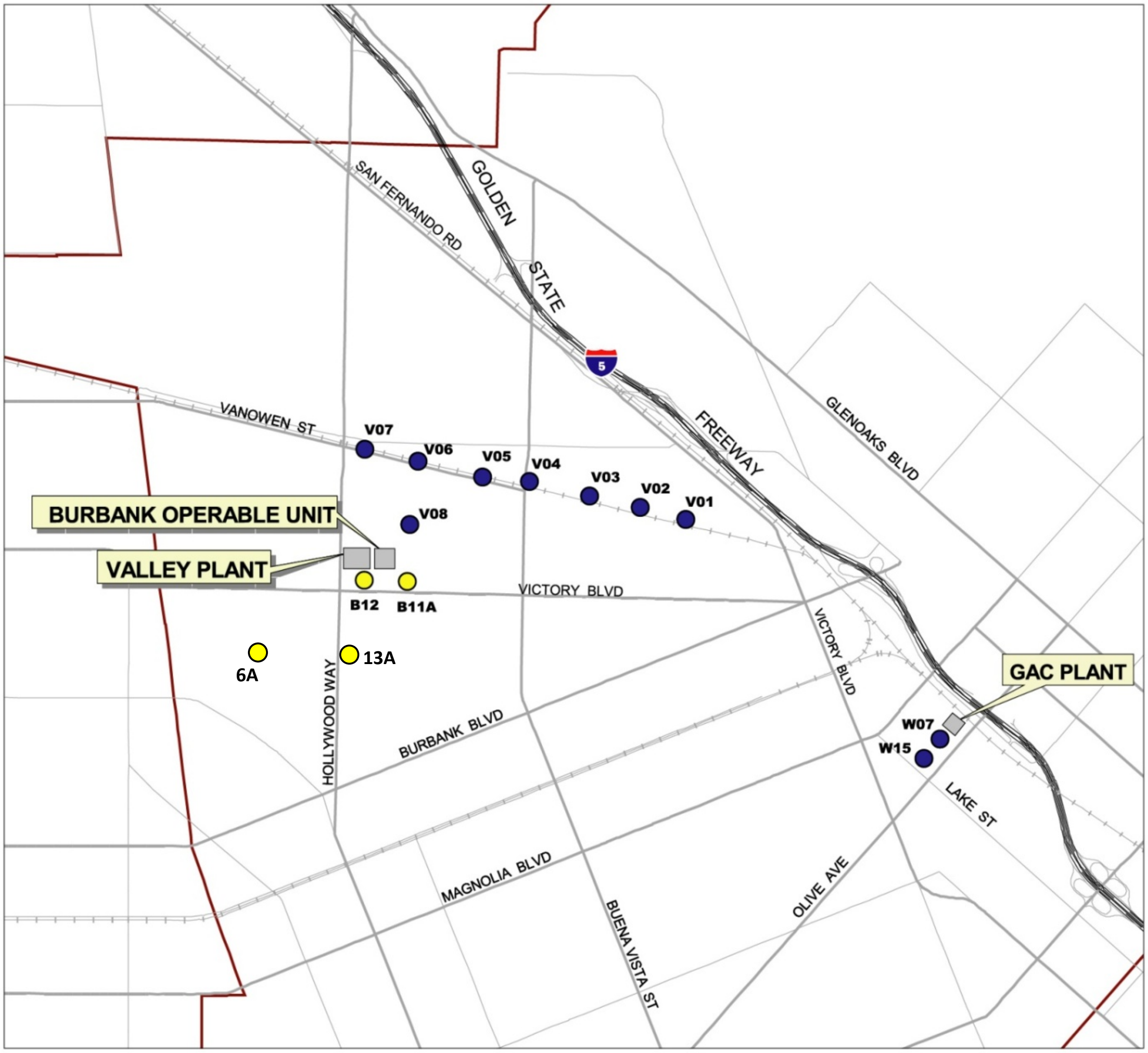


FIGURE 3.1

WELLS AND GROUNDWATER TREATMENT PLANTS

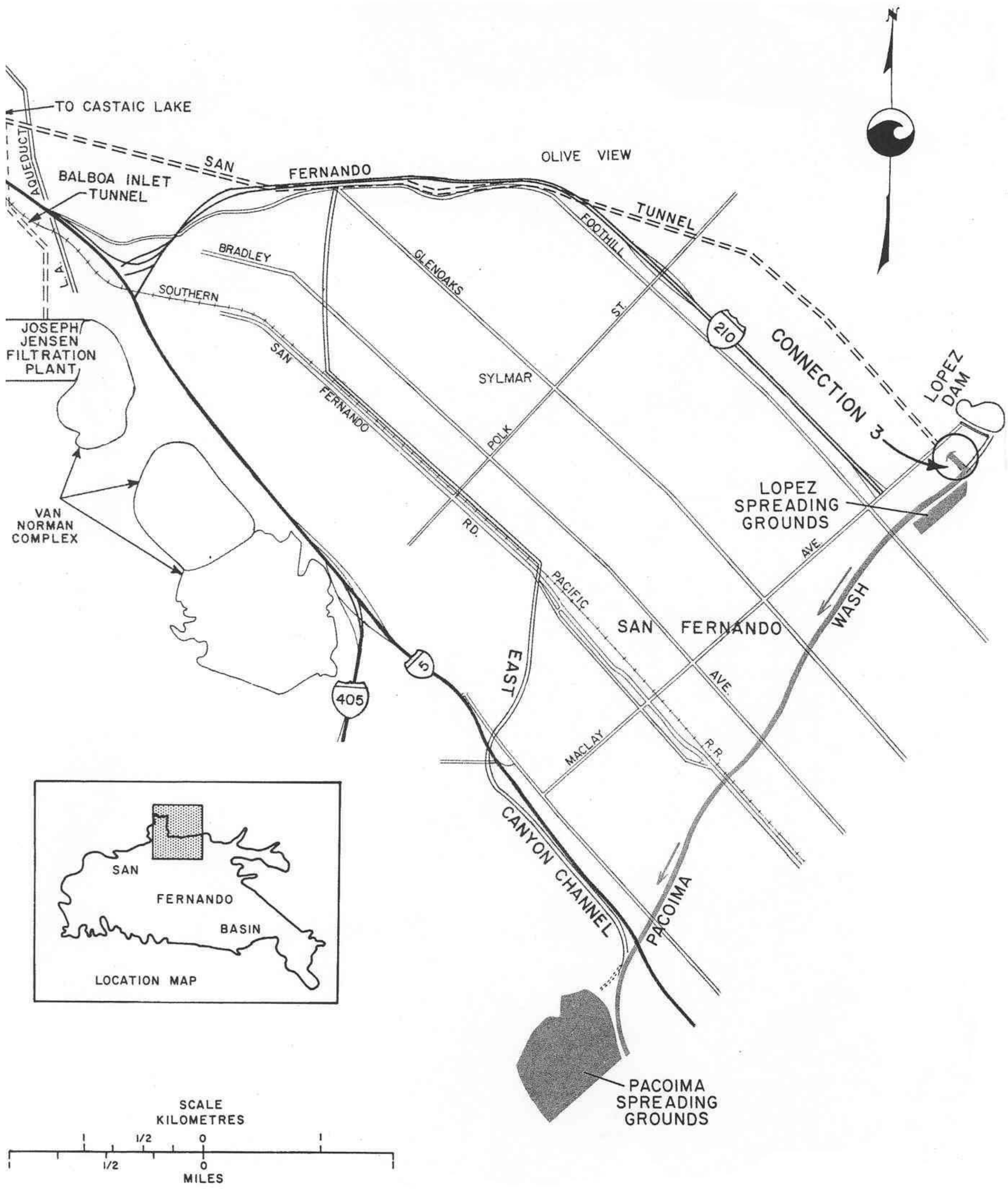


FIGURE 4.1

LOCATION OF MWD UNTREATED WATER CONNECTION

Appendix A

Water Treatment Facilities

LAKE STREET GAC TREATMENT PLANT

320 North Lake Street
Burbank CA 91502

OPERATOR:

City of Burbank
Burbank Water and Power, Water Division
Albert Lopez, Water Production/ Operations Superintendent

QUANTITY TREATED (10/1/11 through 9/30/12):

4 AF for non-potable power plant use

WATER QUALITY:

Contaminant VOC'S: TCE, PCE, 1,2-DCE, 1,2-DCA

DISPOSITION:

Magnolia Power Project
Non-potable Water

EPA CONSENT DECREE PROJECT – BURBANK OPERABLE UNIT

2030 North Hollywood Way
Burbank CA 91505

OPERATOR:

City of Burbank
Burbank Water and Power, Water Division
Albert Lopez, Water Production/ Operations Superintendent

QUANTITY TREATED (10/1/11 through 9/30/12):

9,993 AF

WATER QUALITY:

Contaminants: VOCs, Nitrate, Chromium, 1,2,3-TCP

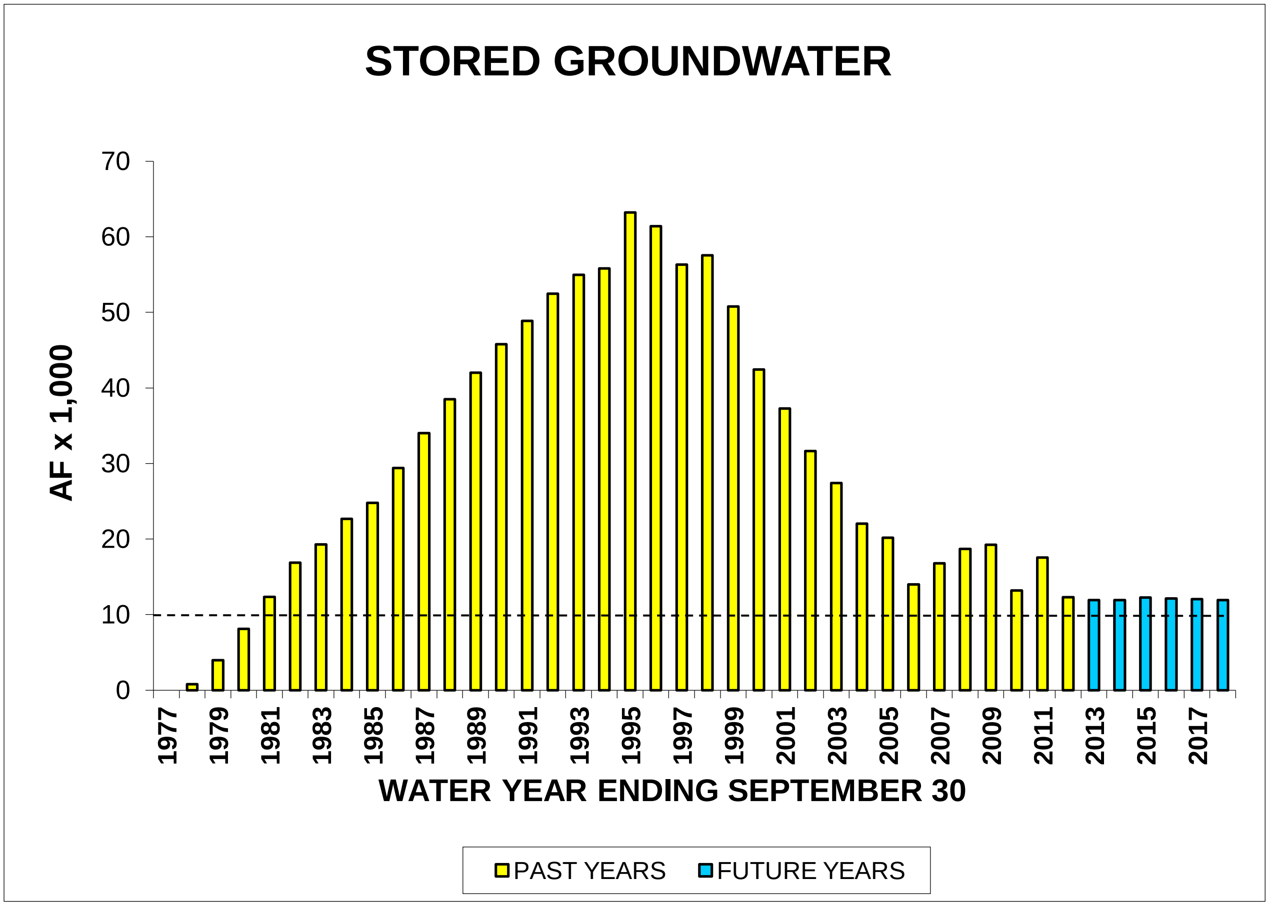
DISPOSITION:

1) Test Water- Waste
2) Operation Water (backwash, etc.) - Waste
3) Burbank Water System-(Potable water after blending)

Appendix B

Stored Groundwater

BURBANK WATER AND POWER
WATER DIVISION
WY 2011/12



NOTES:

- 10,000 AF RECOMMENDED AS BASIN BALANCE. THIS EQUATES TO ABOUT ONE YEAR OF DOMESTIC SYSTEM PRODUCTION IF REPLENISHMENT NOT AVAILABLE FROM MWD.
- STORED WATER IS REDUCED WHEN PRODUCTION EXCEEDS THE RETURN FLOW CREDIT (~4,200 AF) PLUS SPREAD WATER OR PHYSICAL SOLUTION CREDITS.
- SPREADING WATER OR GROUNDWATER CREDIT PURCHASES TO BE CONTINUED TO MAINTAIN BASIN BALANCE.

CITY OF BURBANK WATER AND POWER
WATER DIVISION
BURBANK'S STORED GROUNDWATER

WATER YEAR	DELIVERED WATER AF	RETURN FLOW CREDIT AF	SPREAD WATER AF	OTHER CREDITS AF	PUMPED GROUNDWATER AF	STORED WATER CREDIT AF
1976/77	22,743	4,549				
1977/78	22,513	4,503			3,767	(1) 782
1978/79	24,234	4,847			1,358	(2) 3,947
1979/80	24,184	4,837			677	8,117
1980/81	25,202	5,040			595	12,359
1981/82	22,120	4,424			523	16,876
1982/83	22,118	4,424			2,002	19,298
1983/84	24,927	4,985			1,063	22,659
1984/85	23,641	4,728			2,863	24,781
1985/86	23,180	4,636			123	29,386
1986/87	23,649	4,730			0	34,022
1987/88	23,712	4,742			253	38,498
1988/89	23,863	4,773			1,213	42,027
1989/90	23,053	4,611	378		1,401	45,777
1990/91	20,270	4,054	504		2,032	48,860
1991/92	20,930	4,186	503		938	52,479
1992/93	21,839	4,368	500		(3) 2,184	54,981
1993/94	24,566	4,913	0		(3) 3,539	55,810
1994/95	22,541	4,508	0	5,380	2,888	63,215
1995/96	23,124	4,625	0	2,000	8,308	61,415
1996/97	24,888	4,977	0	1,500	11,243	56,297
1997/98	22,447	4,489	0	0	3,731	57,543
1998/99	22,671	4,534	0	2,000	13,262	50,770
1999/2000	26,312	5,262	0	0	12,862	42,442
2000/01	25,619	5,124	0	0	10,440	37,264
2001/02	24,937	4,987	0	0	10,764	31,624
2002/03	23,108	4,622	0	300	9,483	27,428
2003/04	24,235	4,847	0	44	10,057	22,037
2004/05	21,749	4,350	0	0	6,694	20,190
2005/06	24,084	4,817	0	0	10,543	13,999
2006/07	25,288	5,058	0	8,200	10,220	16,796
2007/08	24,277	4,855	0	4,200	7,161	18,704
2008/09	22,160	4,432	0	6,200	10,319	19,246
2009/10	20,513	4,103	34	0	10,371	13,208
2010/11	19,322	3,864	11,187	0	10,791	17,530
2011/12	20,584	4,117	1,371	0	10,336	12,305
2012/13	19,987	3,997	6,700	0	11,083	11,919
2013/14	21,277	4,255	7,000	50	10,909	11,937
2014/15	21,121	4,224	7,000	100	10,909	12,259
2015/16	21,103	4,221	6,200	500	10,909	12,152
2016/17	21,064	4,213	6,200	500	10,909	12,042
2017/18	21,064	4,213	6,200	500	10,909	11,925

NOTES:
(1) STORED WATER AS OF OCTOBER 1, 1978
(2) STORED WATER AS OF OCTOBER 1, 1979
(3) EXCLUDES 150 AF OF PUMPING FOR TESTING.
OTHER CREDITS INCLUDE PHYSICAL SOLUTION PURCHASES, IN-LIEU STORAGE,
AND OTHER TRANSFERS OF GROUNDWATER CREDITS
COLUMNS (1) THROUGH (6) - FROM ULARA WATERMASTER REPORTS
COLUMN (2) = 20% OF COL. (1)
PUMPED GROUNDWATER INCLUDES CITY, VALHALLA, LOCKHEED, DISNEY, MENASCO, HOME DEPOT
BEGINNING 2007-08, 1% IS DEDUCTED FROM THE STORED WATER AT THE END OF EACH YEAR.
SHADED AREAS OF TABLE ARE PROJECTED VALUES .

APPENDIX C

CITY OF GLENDALE

PUMPING AND SPREADING PLAN

2012-2017 Water Years

City of Glendale Water & Power

Your Trusted Community Utility

ENGINEERING

May 14, 2013

Mr. Richard C. Slade
ULARA Watermaster
Upper Los Angeles River Area
12750 Ventura Boulevard, Suite 202
Studio City, CA 91604

Subject: **Annual Pumping & Spreading Plan for 2012-2017 for City of Glendale**

Dear Mr. Slade,

Enclosed please find the annual Pumping and Spreading Plan for the City of Glendale for the Water Years 2012-2017. Glendale, as you know, does not have any spreading facilities. If you have any questions, please contact Mr. Leo Chan of my staff at (818) 548-3905.

Very truly yours,

Raja Takidin, P.E.
Senior Civil Engineer

RT:lc
Enclosures

cc: Gregory R. Reed (LADWP)
Anthony Hicke (Richard C. Slade & Associates LLC)
Ramon Abueg (GWP)

CITY OF GLENDALE

GROUNDWATER PUMPING AND SPREADING PLAN

WATER YEARS 2012-2017

Prepared By

GLENDALE WATER & POWER

May 2013

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

Introduction

This report discusses water supplies to the City of Glendale for Water Year 2012-13 and projections in local water resources available to meet future water demands and to reduce Glendale dependency on imported water. This information is needed by the ULARA Watermaster and a wide group of individuals and organizations including Glendale's City Manager and Council Members, regulatory agencies and others interested in the future conditions of Glendale's water resources.

Executive Summary

Glendale receives its groundwater supply from San Fernando Groundwater Basin and Verdugo Groundwater Basin. Table 1 illustrates the actual (in bold letters) and projected pumping activities in the two basins between 2012-13 and 2017-18. Glendale currently does not have any spreading facility.

TABLE 1
ACTUAL & PROJECTED PUMPING ACTIVITIES IN WATER YEAR 2012-13 - 2017-18
(Acre Feet per Year)

Source	2012-13*	2013-14	2014-15	2015-16	2016-17	2017-18
San Fernando Basin						
Glendale OU	***7,031***	*7,300*	*7,300*	*7,300*	*7,300*	*7,300*
Forest Lawn Memorial Park	***400***	*400*	*400*	*400*	*400*	*400*
Grayson Power Plant	***53***	*48*	*48*	*48*	*48*	*48*
SF Basin Total	**7,483**	7,748	7,748	7,748	7,748	7,748
Verdugo Basin	**2,233**	2,908	3,349	3,856	3,856	3,856

** First half of the year was based on actual production data.*

Existing Water Sources and Supplies

The City of Glendale ("City") currently has four sources of water available to meet demands: groundwater from the San Fernando Basin and Verdugo Basin, imported water from the Metropolitan Water District ("Metropolitan") and recycled water from the Los Angeles/Glendale Water Reclamation Plant ("LAGWRP"). Each of these sources is described below. The entry points into the City water system for the various supplies are shown in Figure 1. Over the past forty-three (43) years, there have been changes in the mix of supplies used to meet water demands in the City. However in the future, minor changes are projected in Glendale's water supplies. These changes and sources are discussed below.

1. San Fernando Basin

The City's water right to San Fernando Basin supplies is defined by the judgment entitled "The City of Los Angeles vs. the City of San Fernando, et al." (1979) hereinafter referred to as the "Judgment"). The Judgment consists of a return flow credit, which is a type of water right based on the assumption that a percentage of water used in the City is returned to the groundwater basin. The City has a right to accumulate its return flow credits annually if its water rights are not used. In the water year of 2012-13, the City has a storage credit of 46,224 acre feet ("AF") within the basin. In addition, the Judgment contains rights for physical solution water. This is a right to produce water in excess of return flow credit and the accumulated credits, subject to a payment obligation to the City of Los Angeles based primarily on the cost of Metropolitan alternative supplies. This option to produce physical solution water in excess of the return flow credit and the accumulated credits is a significant factor in relation to the water production at the Glendale Water Treatment Plant ("GWTP"). The GWTP is part of a U.S. Environmental Protection Agency (EPA) Superfund clean-up project in Glendale. The project consists of a 5,000 gallon per minute (gpm) facility and eight wells that supply the plant. Further discussion regarding the GWTP can be found in the Section: *Past Water Use and Trend* on page 9 in this report. The various San Fernando Basin supplies are:

Return Flow Credit – Glendale is entitled to a return flow credit of twenty (20.0) percent of all City-delivered water, including recycled water, in the San Fernando Basin and its tributary hill and mountain area. A location map is shown in Figure 2 *(Source: 2011-12 Water Year ULARA Watermaster Report)*. This credit ranges from about 4,500 acre feet per year (AFY) to 5,400 AFY depending on actual water use. This is the City's primary water right in the San Fernando Basin.

Physical Solution Water – The City has an agreement to extract water over and above the return flow credit and accumulated credits, and it is chargeable against the rights of the City of Los Angeles upon payment of specified charges generally tied to Metropolitan's water rates. The City's physical solution right is 5,500 AFY.

Pumping for Groundwater Cleanup – Section 2.5 of the Upper Los Angeles River Area's ("ULARA") Policies and Procedures, dated July, 1993, provides for the extraction of basin water for SUPERFUND activities, subject to payment of specified charges similar to physical solution water. This right became a significant factor with the completion of the GWTP in 2000.

Carry-over extractions – In addition to current extractions of return flow water and stored water, Glendale may, in any one year, extract from the San Fernando Basin an amount not to exceed 10 percent of its last annual credit for import return water, subject to an obligation to replace such over-extraction by reduced extraction during the next water year. This provides important year-to-year flexibility in meeting water demands.

San Fernando Basin production has been limited in the past and was eventually eliminated for a time because of volatile organic compounds ("VOC") contamination of the groundwater. The entire San Fernando Valley is part of a U. S. Environmental Protection

Agency ("EPA") Superfund cleanup program. Since the early 1990s, many water treatment plants had been constructed in the San Fernando Valley to remove VOC from the groundwater. EPA had focused on the construction of cleanup facilities in the City. The GWTP and eight extraction wells have been constructed to pump, treat and deliver water to the City via its Grandview Pumping Plant. Significant production from the basin and delivery to the City started in January 2002.

The cleanup facilities consist of seven shallow extraction wells and one deep well; the 5,000 gpm Glendale Water Treatment Plant to remove the VOC; piping to convey the untreated groundwater from the wells to the water treatment plant; a system to convey treated water from the treatment plant to the City's potable distribution system; a facility to blend the treated groundwater with water from Metropolitan, and a disinfection facility. A general layout of these facilities is shown in Figure 3.

In 2000, major agreements were signed between City of Glendale and Glendale Respondents Group (GRG), which represents forty-plus industries identified by the EPA as potentially responsible for the groundwater contamination, and the EPA. GRG retained CDM Consulting Engineers, Inc. to design, construct and operate the water treatment facilities required by the agreements. The State Department of Public Health ("DPH") issued a permit for the City to operate the facilities in July 2000. The City started taking small quantities of water from this facility on July 23, 2001. The delivery of the water was initially limited because of the City's concern with taking water with higher chromium 6 levels than in the current water supply, even though such water met all water quality standards. In January 2002, the Glendale City Council authorized the City to start delivering 5,000 gpm from the treatment facility into the City's potable water system with a target to minimize the concentration of chromium 6 in the water. This source is expected to provide about 7,300 AFY to the City, which will meet about twenty-seven percent (27%) of projected near-term water demands. There is additional groundwater production of 400 AFY by Forest Lawn Memorial Park for irrigation purposes, and about 48 AFY for use on the cooling tower and steam and gas combustion turbines at the Glendale Grayson Power Plant, for a total of approximately 7,748 AFY.

As noted above, the City can pump and treat more groundwater in times of imported water shortages based on accumulated pumping credits. The City, as of October 1, 2012, has 46,224 AF in accumulated pumping credits in the San Fernando Basin. In order to achieve 7,748 AF of San Fernando Basin production per year, Glendale must utilize its return flow credit of 5,500 AF per year and 2,248 AF of its accumulated pumping credits. Additional usage of accumulated groundwater credits could be used to meet unexpected demands or in cases of emergency. The usage of additional amounts of accumulated groundwater pumping credits was not considered in the supply-demand analysis of this Water Supply Evaluation, but rather would be in addition to the amounts of available water supplies detailed in that analysis. That these additional amounts of groundwater were not included in the supply-demand analysis further ensures that there are sufficient supplies to meet Plan demands.

2. Verdugo Basin

Historically, groundwater supplies from the Verdugo Basin contributed a small portion to the City's water supplies via five wells and an underground water infiltration system. The

Judgment gave Glendale the right to extract 3,856 AFY from the Verdugo Basin. Crescenta Valley Water District also has water rights and is the only other entity allowed to extract water from the Verdugo Basin.

Use of the Verdugo Basin supplies has been limited in the past due to water quality problems, groundwater levels, and limited extraction capacity. In order to increase the use of these supplies, the City completed construction of the Verdugo Park Water Treatment Plant ("VPWTP") in 1996. This facility has a capacity of 1,150 gpm and treats water from the two low capacity wells, referred to as Verdugo Wells A & B, and from the water supplies in the Verdugo Pickup System, a subsurface horizontal infiltration system. Actual flows from these sources range between 200-300 gpm. The four existing wells referred to as Glorietta Wells 3, 4 & 6 and Foothill Well and the VPWTP produce about 2,800 AFY and account for about eight percent (8%) of Glendale's total water supply. This alone will not fully utilize the City's entire water rights to the Verdugo Basin supplies. In 2011, the City has completed the rehabilitation of the Foothill Well and the construction of the Rockhaven Well No. 1 in the Montrose area to increase its extraction capacity from the Verdugo Basin. This is further discussed in detail later in this report. The location of the VPWTP and existing wells are shown on Figure 1.

3. Metropolitan Water District of Southern California

The City relies on Metropolitan water supply to meet a majority of its current water supply requirements. For the five fiscal years ended June 30, 2012, water deliveries from Metropolitan averaged 17 million gallons per day (approximately 18,724 acre feet per year), which constituted between sixty to seventy percent (60%-70%) of the City's total water supply. The City expects to continue reliance on Metropolitan sales of water to meet most of its future water supply requirements.

The following information regarding Metropolitan has been obtained from Metropolitan and sources that the City believes to be reliable, but the City takes no responsibility for the accuracy or completeness hereof. Additional information about Metropolitan may be obtained on Metropolitan's website at *www.mwdh2o.com*. No information contained on such website is incorporated herein by reference.

3.1. History and Background

The Metropolitan Water District of Southern California is a public agency organized in 1928 by a vote of the electorates of eleven (11) southern California cities which included the City of Glendale, under authority of the Metropolitan Water District Act (California Statutes 1927, Chapter 429, as reenacted in 1969 as Chapter 209, as amended, herein referred to as the "Metropolitan Act"). The Metropolitan Act authorizes Metropolitan to levy property taxes within its service area; establish water rates; impose charges for water standby and service availability; incur general obligation bonded indebtedness and issue revenue bonds, notes and short-term revenue certificates; execute contracts; and exercise the power of eminent domain for the purpose of acquiring property. In addition, Metropolitan's Board of Directors ("Metropolitan's Board") is authorized to establish terms and conditions under which additional areas may be annexed to Metropolitan's service area.

Metropolitan's primary purpose is to provide a supplemental supply of water for domestic and municipal uses at wholesale rates to its member public agencies. The City is one of the 26 Metropolitan member public agencies. If additional water is available, such water may be sold for other beneficial uses. Metropolitan serves its member agencies as a water wholesaler and has no retail customers.

Metropolitan's charges for water sales and availability are fixed by Metropolitan's Board and are not subject to regulation by the California Public Utilities Commission or any other state or federal agency. Metropolitan imports water from two principal sources: northern California via the Edmund G. Brown California Aqueduct (the "California Aqueduct") of the State Water Project owned by the State of California and the Colorado River via the Colorado River Aqueduct owned by Metropolitan. Water deliveries through the Colorado River Aqueduct began in the early 1940's. This imported water supplemented the local water supplies of the original 13 southern California member cities. In 1972, to meet growing water demands in its service area, Metropolitan started receiving additional water supplies from the California Aqueduct. Metropolitan owns and operates the Colorado River Aqueduct and has a long-term contract for water from the State Water Project.

The locations of the California Aqueduct and Colorado River Aqueduct are shown in Figure 4. Metropolitan's service area also includes the southern California coastal plain. It extends about 200 miles along the Pacific Ocean from the City of Oxnard on the north to the international boundary with Mexico border on the south, and it reaches seventy (70) miles inland from the coast. The total area served is nearly 5,200 square miles. The service area includes portions of Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura counties. Metropolitan is currently composed of twenty-six (26) member agencies, including fourteen (14) cities, eleven (11) municipal water districts, and one (1) county water authority. Glendale is one of the fourteen member agency cities served by Metropolitan.

3.2. State Water Project

One of Metropolitan's two major sources of water is the State Water Project, which is owned by the State and operated by the State Department of Water Resources ("DWR"). The State Water Project (SWP) transports water from San Francisco Bay/Sacramento-San Joaquin River Delta ("Bay-Delta") south via the California Aqueduct to Metropolitan. The total length of the California Aqueduct is approximately 444 miles. The State Water Contract, under a 100 percent allocation, provides Metropolitan 1,911,500 acre feet of water per year. Water received from the SWP by Metropolitan from 2002 through 2011, including water from water transfer, groundwater banking and exchange programs delivered through the California Aqueduct, varied from a low of 908,000 acre feet in calendar year 2009 to a high of 1,800,000 acre feet in 2004. Record dry conditions in Metropolitan's service area in 2006-2007, below average rainfall in the northern Sierra watershed for the SWP and a multi-year drought in the Colorado River Basin have further affected water deliveries by Metropolitan.

For calendar year 2012, DWR's initial allocation estimate to State Water Project contractors was 60 percent of contracted amounts. This estimate was reduced to 50 percent of contracted amounts on February 21, 2012 and adjusted upward to 60 percent of contracted amounts as of April 16, 2012. The allocation was increased again on May 23, 2012, to 65 percent of contracted amounts due to April's wetter-than-usual weather. For Metropolitan, the increased 2012 allocation will provide 1,242,475 acre-feet, or 65 percent of its 1,911,500-acre-foot contractual amount. In addition, Metropolitan began 2012 with 200,000 acre-feet of carryover supplies in San Luis Reservoir, a joint use facility of the State Water Project and federal Central Valley Project, all of which can be drawn in 2012.

3.3. Colorado River Aqueduct

Metropolitan has a legal entitlement to receive water from the Colorado River under a permanent service contract with the Secretary of the Interior. Water from the Colorado River or its tributaries is also available to other users in California, as well as users in the states of Arizona, Colorado, Nevada, New Mexico, Utah, and Wyoming, resulting in both competition and the need for cooperation among these holders of Colorado River entitlements. The Colorado River Aqueduct, which is owned and operated by Metropolitan, transports water from the Colorado River approximately 242 miles to its terminus at Lake Mathews in Riverside County.

Historically, Metropolitan had been able to take full advantage of the availability of surplus water and apportioned but unused water. However, other users increased their use of water from the Colorado River beginning in 1998. Although use of water is expected to fluctuate annually, this trend is projected to continue in the future. In addition, a severe drought in the Colorado River Basin has reduced water supplies.

Metropolitan has taken steps to augment its share of Colorado River water through agreements with other agencies that have rights to use such water. Under a 1988 water conservation agreement between Metropolitan and the Imperial Irrigation District ("IID"), IID has constructed and is operating a number of conservation projects that are currently conserving approximately 100,000 acre-feet of water per year.

With Arizona's and Nevada's increasing use of their respective apportionments and the uncertainty of continued surpluses on the Colorado River, in 2003 the Colorado River Board of California reduced California's use of Colorado River water to its basic apportionment of 4.4 million acre feet when use of that basic apportionment is necessary. To maintain reliable deliveries to urban agencies, the State has implemented a number of agricultural to urban water conservation and transfer programs. Those programs included the lining of the All-American and Coachella Canals, funding water conservation measures in the Imperial Valley, and implementing a land fallowing and crop rotation program with Palo Verde Irrigation District. Additionally, in 2007 agencies were allowed to store conserved water in Lake Mead for future use. As of October 2012, Metropolitan has more than 500,000 acre-feet of storage credits in Lake Mead.

3.4. Metropolitan's Services to Glendale

Glendale receives Metropolitan water through three (3) service connections as shown on Figure 1. The service connection number and capacity are summarized in Table 2 below. In total, Metropolitan has a total delivery capacity of seventy-eight (78) cubic feet-per-second (cfs). During hot summer days, it is common for Glendale to utilize the full capacity of the facilities. Any significant increase in demands on Metropolitan could require another service connection.

TABLE 2
METROPOLITAN CONNECTIONS AND CAPACITY

Service Connection Number	Capacity (cfs)
G-1	48
G-2	10
G-3	20

Over the years, Metropolitan has provided high level of reliability in meeting Glendale's supplemental water supply needs. It is believed that the reliability of water supply to the City will continue in the future as a result of the many water resource programs under way and the proposed future programs now being considered based on Metropolitan's Integrated Water Resources Plan (IRP) and the Water Shortage and Drought Management Plan (WSDM). This source will always be a major factor in meeting the water needs of the City. The City closely follows the planning activities at Metropolitan to assure that it has adequate supplies to meet the needs of its member agencies.

4. Recycled Water

The City of Glendale has been delivering recycled water from the LAGWRP since the late 1970's. This is a twenty (20) million gallon-per-day (MGD) facility owned by the Cities of Los Angeles and Glendale. Based on a 1970 contract between the Cities of Los Angeles and Glendale, Glendale is entitled to fifty percent (50%) of any effluent produced at the plant, which is more than sufficient to for all recycled water use within City of Glendale. Treated wastewater that is not used in either the Glendale or Los Angeles system is discharged to the Los Angeles River and eventually reaches the ocean.

Currently, Glendale has a total of fifty-one (51) recycled water users. These include a landfill, two golf courses, two memorial parks, six schools, seven recreation parks, and other irrigation areas. Also, three (3) high-rise buildings, Glendale Police Headquarter, the Disney Complex on Flower Street, and the new buildings at Glendale Community College are dual-plumbed to use recycled water for sanitary flushing purposes when facilities are in place to provide the water (Figure 6). In fiscal year 2012-2013, three new accounts (two irrigation accounts with the Walt Disney Company and one irrigation account for the Glendale Narrow Riverwalk) were added to the recycled water system. In year 2013-2014, four (4) additional new recycled water connections are expected to be added for irrigation. Figure 7 provides a general idea of the scope of the expansion program. The amount of potable water purchased from Metropolitan is expected to have a corresponding reduction.

In the 1990's Glendale Water Department began to require all new high-rise buildings (4-story or higher) to install dual-plumbing system within the Glendale Downtown area. Recycled water customers are solely responsible for funding and installing the connectors from the recycled water pipeline in the public streets to the customer's property, and for all on-site facilities to distribute recycled water to the ultimate use. The main recycled water distribution pipelines and existing recycled water facilities are shown in more detail in Figure 5.

5. Summary of Local Supplies

The current use of local groundwater resources available to the City is substantially less than its rights because of water quality and extraction problems. A general summary of the City's rights to local water resources compared to the amount currently being used is shown on Table 3.

TABLE 3
LOCAL WATER PROJECTS AND USE (AFY)

Potential Source	Right	Current Use	Future Use
San Fernando Basin	4,500 - 5,400	7,031	7,748
Verdugo Basin	3,856	2,233	3,856
Recycled Water	10,000	1,700	1,785*

** Reference: Urban Water Management Plan Table 5-2*

Past Water Use and Trends

Historically, the City used groundwater to meet a varying portion of its water demand. In the 1940s and 1950s essentially all of the City's water needs were obtained from the San Fernando and the Verdugo Basins with limited supplies from Metropolitan. In the 1960's, production from the San Fernando Basin reached a peak of about 17,000 AFY. The Grandview well water collection system in the San Fernando Basin and the Grandview Pumping Plant originally pumped a peak capacity of about 24,000 gpm (34.6 MGD) from San Fernando Basin directly into Glendale's potable water system.

In the mid-1970s, Glendale limited production from the San Fernando Basin to about 12,000 AFY as part of a court decree arising from a Water Rights lawsuit by the City of Los Angeles. In 1975, the California Supreme Court issued the Judgment in City of Los Angeles vs. City of San Fernando which further limited Glendale's production right. The current right is about 5,500 AFY based on a Return Flow Credit right from water use in Glendale, with certain additional rights as described above.

Other limitations to groundwater use occurred in the late 1970s, when production from the Verdugo pick-up system in the Verdugo Basin was discontinued because of water quality problems.

In late 1979, Assembly Bill 1803 required that all water agencies using groundwater must conduct tests for the presence of certain industrial solvents. The tests indicated that VOC such as trichlorethylene and perchloroethylene were present in the San Fernando Basin groundwater supplies in concentrations exceeding State Department of Health Services' maximum contaminant levels. Both chemicals were used extensively in the past as degreasers in manufacturing industries.

At that time, the presence and hazards to the water supplies were identified. As a result, Glendale had to further limit its use of San Fernando Basin supplies. From 1980 to 1992, Glendale reduced production; and from 1992 to 2000, Glendale totally suspended production from the basin because of the presence of VOC. During the twenty year period of reduced production, Glendale was allowed to accumulate the groundwater storage credits that could be used in the future. Glendale's storage account balance was 50,328 AF as of October 1, 2011.

The water quality problems in the San Fernando Basin and groundwater levels in the Verdugo Basin have impacted the ability of Glendale to produce water from these Basins. Glendale was able to better utilize its rights to the San Fernando Basin water supplies accumulated for many years started in 2000. The EPA has designated several locations in the San Fernando Basin as Superfund sites and required construction of cleanup treatment facilities by the industry group responsible for the contamination. The Glendale cleanup project – Glendale Operable Unit (GOU) is the last in a series of EPA-required cleanup facilities and is now complete.

The GOU is comprised of a treatment plant (the GWTP), eight (8) groundwater extraction wells, a pumping plant, a disinfection facility, and associated piping. The facility was designed to treat groundwater contaminated by TCE and PCE at a combined rate of 5,000 gpm using aeration and granulated activated carbon (GAC). The treated water is then blended with imported supplies to control nitrate concentrations. In December 2000, Glendale started operating the GOU. But due to the chromium 6 issue, only a small quantity was initially pumped and delivered. Full operation started on January 6, 2002.

Currently, the wells are being pumped and blended in a manner to limit hexavalent chromium concentrations to achieve the City's target of 5 µg/L. Glendale has continued to pursue an aggressive research program to identify viable treatment technologies for the removal of hexavalent chromium from its pumped groundwater. Glendale has received grants from federal and state appropriations and the Water Research Foundation (WaterRF) to investigate technology capable of large-scale treatment of hexavalent chromium. As a result, Glendale constructed the Weak Base Anion (WBA) Chromium Removal facility to remove hexavalent chromium from groundwater produced by GOU Well GS-3 using WBA exchange technology. They also constructed a 100-gpm demonstration scale facility next to the Glendale Water Treatment Plant; this plant uses reduction, coagulation and filtration (RCF) technology with microfiltration as an enhancement. The hexavalent chromium treatment study is further discussed in the *Future Goals* section.

In the Verdugo Basin, Glendale currently has six (6) active production wells and a pick-up system (infiltration galleries), along with the VPWTP. The lower water levels have reduced supplies for this source, and accordingly, the City has reduced its projections of supply from this source as well.

Glendale's Ability To Meet Demands

Reliability of water supplies is a key goal in the operation of Glendale's water distribution system. In water year 2011-12 Glendale imported approximately sixty percent of its water supply from Metropolitan. Consequently, the reliability of Metropolitan water supplies to meet Glendale water needs as well as the needs of its other twenty-five member agencies becomes exceptionally crucial. For Glendale, Metropolitan is the supplier of "last resort" in meeting the needs of our citizens.

Future Goals

The City has been expanding the use of its local water supplies with operation of the GWTP and increase groundwater extraction of Verdugo Basin. However, because of the chromium 6 related issues, the reliability of the GWTP water supply cannot be guaranteed into the future until a chromium-removal treatment is put into full operation. Glendale worked with the Cities of Los Angeles and Burbank, with the help of EPA and WaterRF, to evaluate treatment technologies for chromium 6. In October 2006 the results of pilot studies by Malcolm Pirnie was presented to an expert panel that identified two promising technologies: weak-base anion exchange (WBA) and reduction-coagulation-filtration (RCF).

Funding from EPA, California Prop 50, and local industry allowed for the construction of demonstration scale WBA and RCF facilities that were placed into service in March and April 2010; these facilities have been effective in removing chromium in the groundwater to concentrations below 5 μg/L.

In a meeting of the Project Advisory Committee in September 2010 the preliminary results were presented. It was recommended that microfiltration be tested as an enhancement to the RCF dual media filters to see if 1 ug/L chromium levels could be achieved. This was in light of the draft PHG of 0.06 ppb (a final PHG of 0.02 ppb was adopted in July 2011). The microfiltration study received funding from the State, WaterRF, and the U.S. Bureau of Reclamation and began in February 2012. The microfiltration final report was released in February 2013. It concluded that RCF with microfiltration can achieve 1 ug/L of total chromium.

The final report summarizing the last ten years of hexavalent chromium removal studies by Glendale was submitted to CDPH February 28, 2013. It is available from the GWP website, *http://www.glendalewaterandpower.com/about/chromium6_report_appendices.aspx*.

The City's Water Department (GWP) has been actively trying to increase groundwater production in the Verdugo Basin by rehabilitating the Foothill Well and constructing the Rockhaven Well within the basin. The Foothill Well Rehabilitation Project was completed in January 2011 and began operation on May 18, 2011. The new Rockhaven Well No. 1 was drilled and constructed in April 2011. GWP is currently evaluating treatment methods for nitrate at the Rockhaven Well. Once the evaluation of alternatives is completed, the best alternative will be selected and design will start followed by construction. The construction is expected to be completed in year 2015. GWP is rehabilitating Glorietta Wells 3 & 4 in fiscal year 2012-13. The rehabilitation is expected to be completed by September 2013.

The City also encourages the recycled water use by adding new users and expanding the marketing efforts in the City and to neighboring agencies. The City is committed to aggressively advocate the use of recycled water for irrigation & toilet flushing, which will help increased the conservation of potable water and reduced the dependency on imported supplies.

In water year 2011-2012, the City has achieved and exceeded the goal of previous year to import only sixty percent (60%) of the total water used from the Metropolitan. It is the goal of the City's Water Department to maintain the City's water purchase from Metropolitan less than sixty-five percent (65%) of the total water use in the next five years.

FIGURES

City of Glendale Water & Power

Your Trusted Community Utility

FIGURE 1

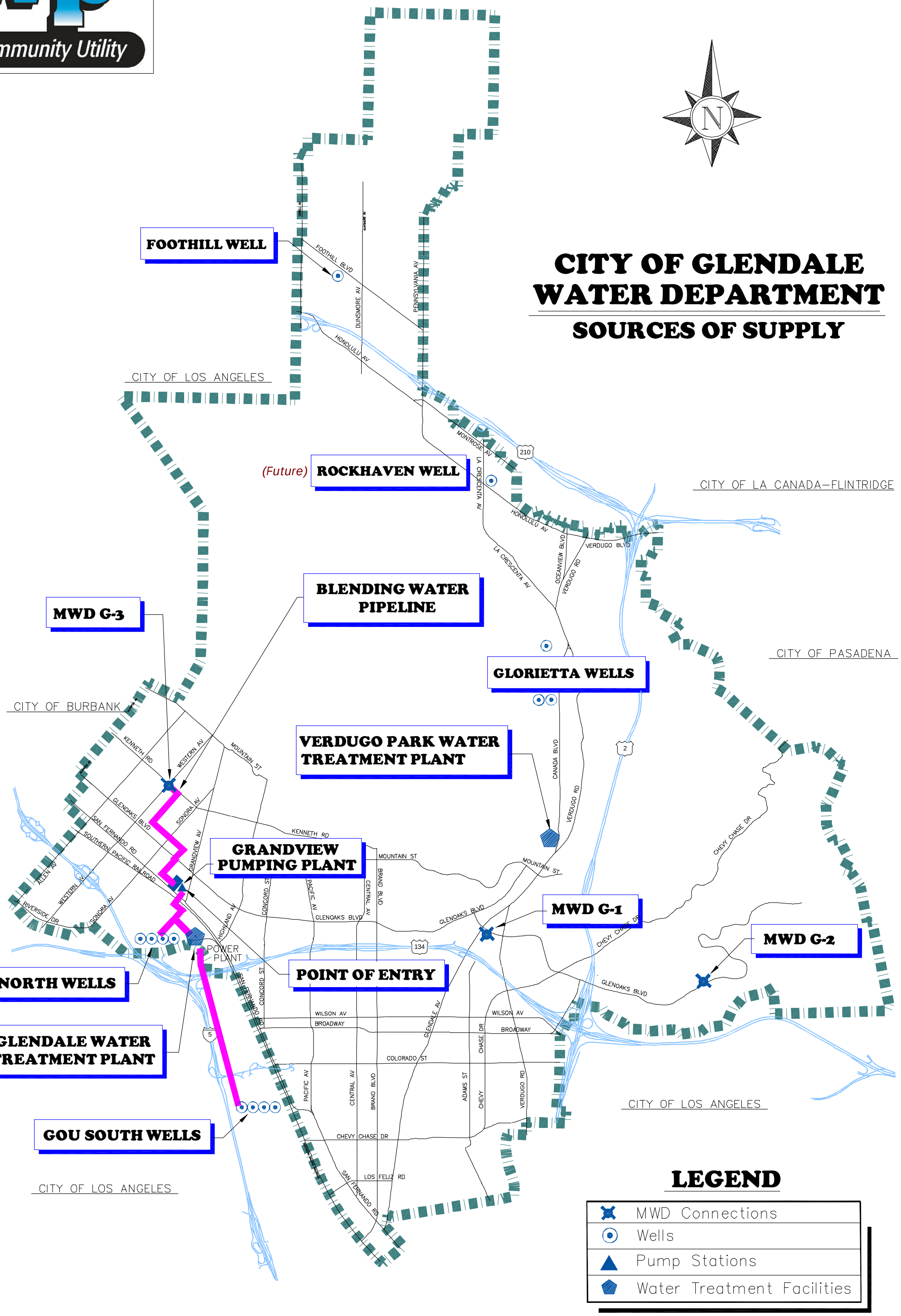
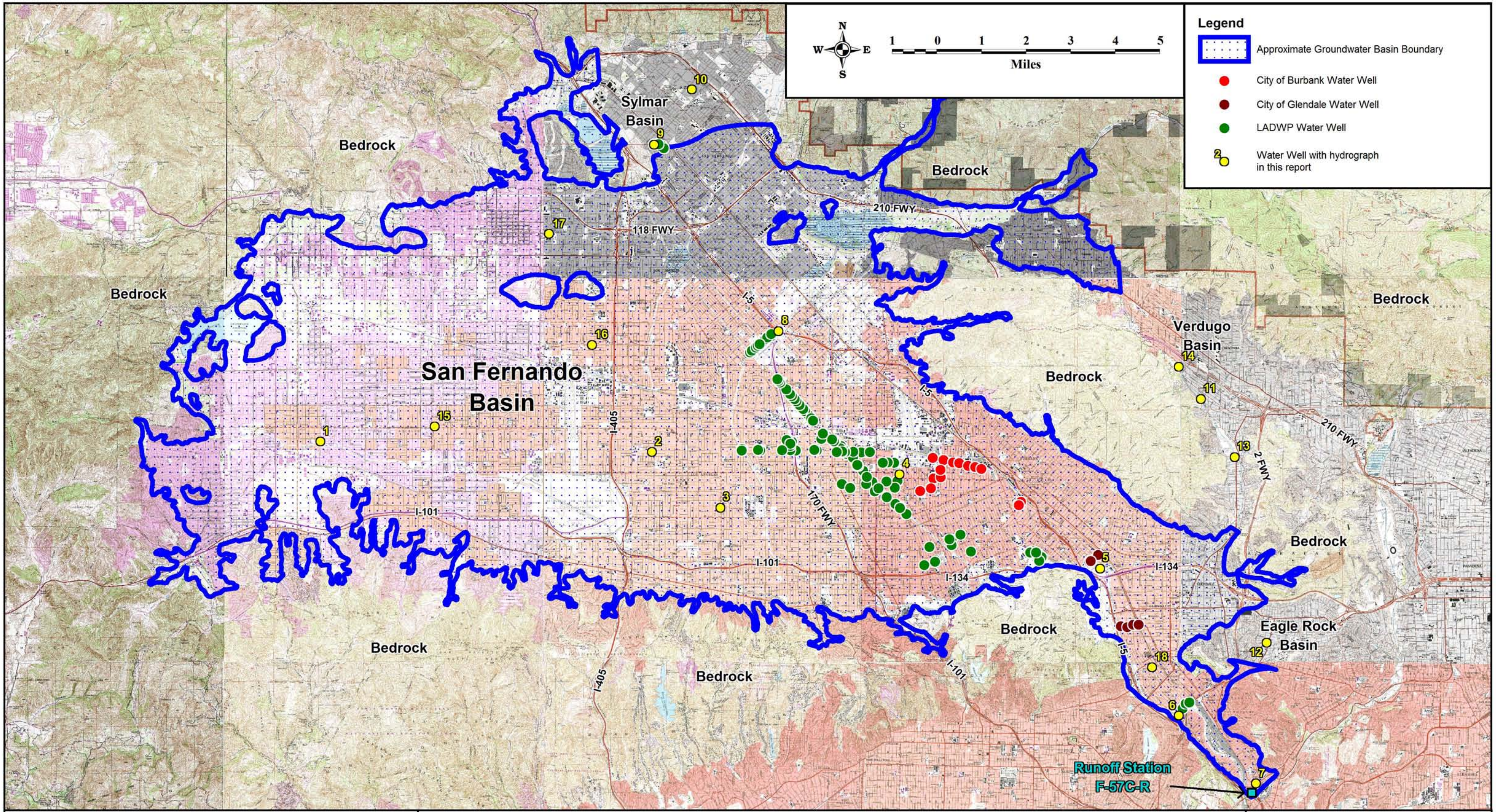
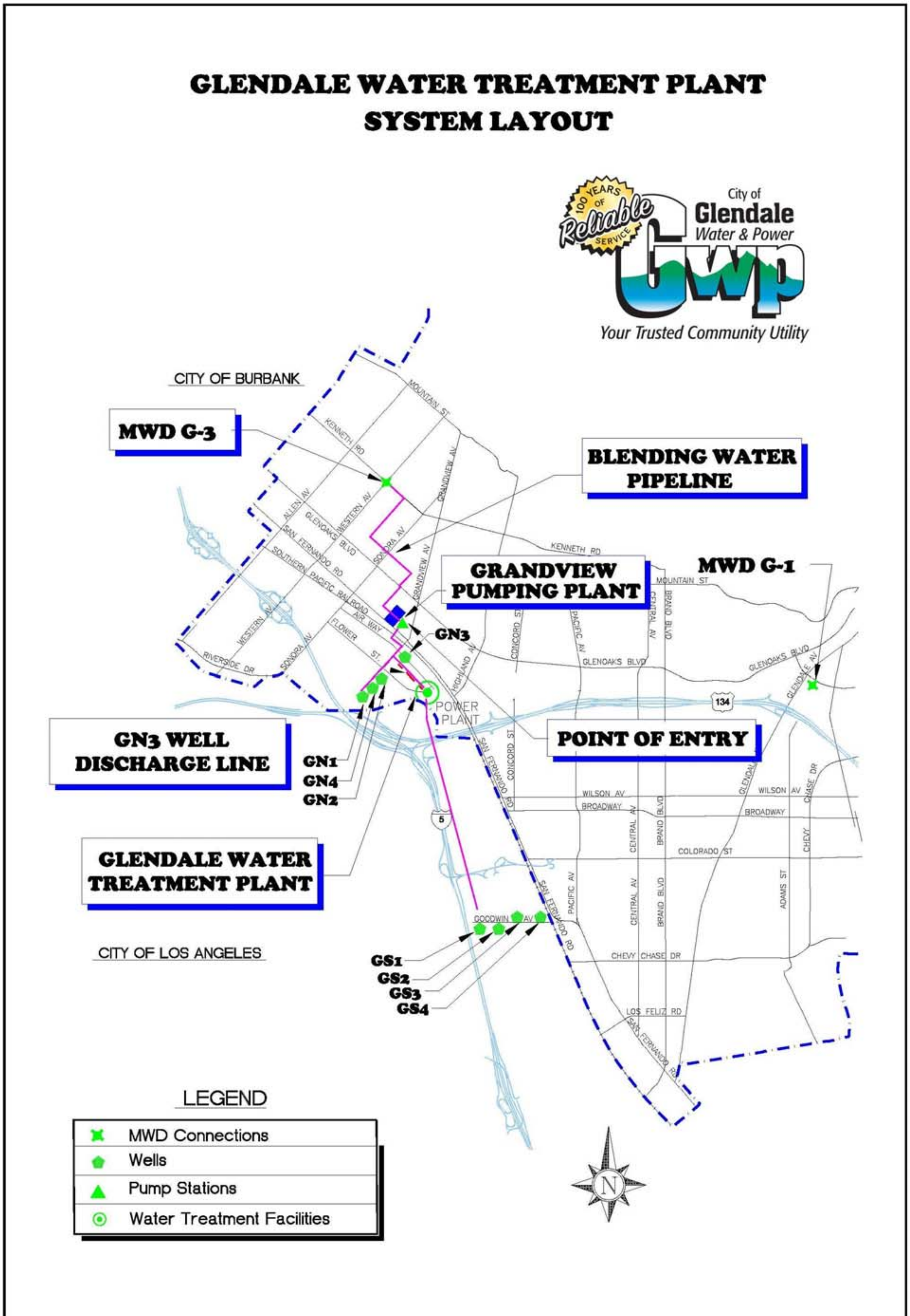


FIGURE 2



2011-2012 Water Year ULARA Wastermaster Report	Upper Los Angeles River Area: San Fernando Groundwater Basin	PLATE 1A

FIGURE 3



GLENDALE WATER TREATMENT PLANT
SYSTEM LAYOUT
City of Glendale Water & Power
Your Trusted Community Utility
CITY OF BURBANK
MWD G-3
BLENDING WATER PIPELINE
GRANDVIEW PUMPING PLANT
MWD G-1
GN3
POWER PLANT
POINT OF ENTRY
GN3 WELL DISCHARGE LINE
GN1
GN4
GN2
GLENDALE WATER TREATMENT PLANT
CITY OF LOS ANGELES
GS1
GS2
GS3
GS4
LEGEND
MWD Connections
Wells
Pump Stations
Water Treatment Facilities

FIGURE 4

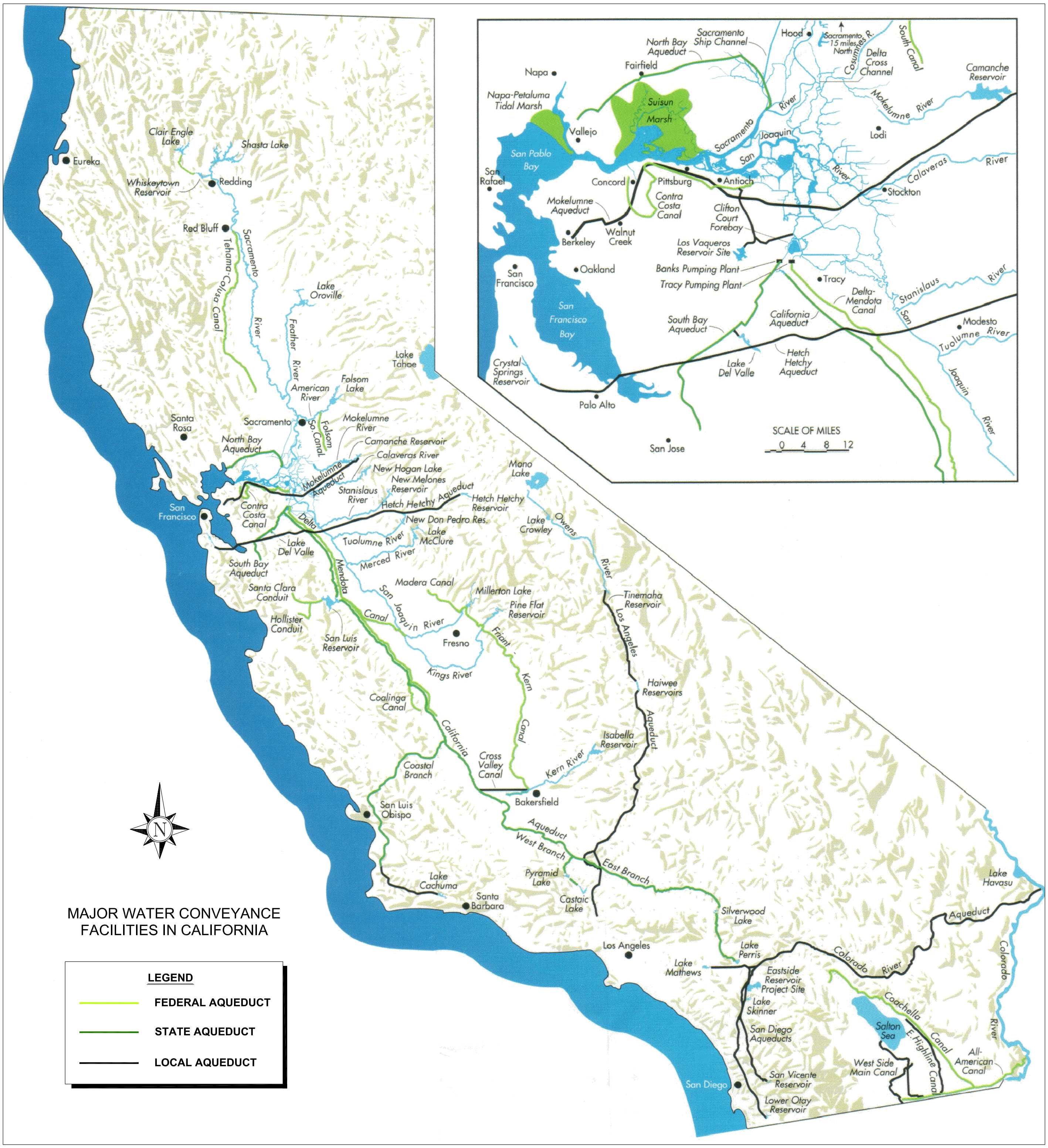

MAJOR WATER CONVEYANCE FACILITIES IN CALIFORNIA
LEGEND
FEDERAL AQUEDUCT
STATE AQUEDUCT
LOCAL AQUEDUCT
SCALE OF MILES
0 4 8 12
Eureka
Clair Engle Lake
Shasta Lake
Whiskeytown Reservoir
Redding
Red Bluff
Tehama-Colusa Canal
Sacramento River
Lake Oroville
Feather River
Lake Tahoe
Folsom Lake
American River
Santa Rosa
Sacramento
Folsom So. Canal
Mokelumne River
North Bay Aqueduct
Camanche Reservoir
Calaveras River
New Hogan Lake
New Melones Reservoir
Mokelumne Aqueduct
Stanislaus River
Hetch Hetchy Aqueduct
Hetch Hetchy Reservoir
Mono Lake
San Francisco
Contra Costa Canal
Delta
New Don Pedro Res.
Lake McClure
Lake Crowley
Owens River
Tuolumne River
Merced River
Lake Del Valle
South Bay Aqueduct
Santa Clara Conduit
Mendota
Madera Canal
Millerton Lake
Pine Flat Reservoir
Tinemaha Reservoir
Hollister Conduit
San Luis Reservoir
San Joaquin River
Canal
Fresno
Friant
Los Angeles
Kings River
Kern
Haiwee Reservoirs
Coalinga Canal
Canal
Aqueduct
California
Isabella Reservoir
Coastal Branch
Cross Valley Canal
Kern River
Bakersfield
San Luis Obispo
Aqueduct
West Branch
East Branch
Lake Cachuma
Pyramid Lake
Santa Barbara
Castaic Lake
Silverwood Lake
Lake Havasu
Aqueduct
Colorado River
Los Angeles
Lake Perris
Lake Mathews
Eastside Reservoir Project Site
Lake Skinner
Coachella Canal
Salton Sea
E. Highline Canal
San Diego Aqueducts
West Side Main Canal
All-American Canal
San Vicente Reservoir
San Diego
Lower Otay Reservoir
Napa
North Bay Aqueduct
Sacramento Ship Channel
Hood
Sacramento 15 miles North
Cosumnes R.
South Canal
Delta Cross Channel
Camanche Reservoir
Fairfield
Napa-Petaluma Tidal Marsh
Suisun Marsh
Mokelumne River
Vallejo
San Pablo Bay
Sacramento River
San Joaquin River
Lodi
San Rafael
Concord
Pittsburg
Antioch
Calaveras River
Stockton
Mokelumne Aqueduct
Contra Costa Canal
Clifton Court Forebay
Walnut Creek
Berkeley
Los Vaqueros Reservoir Site
Oakland
Banks Pumping Plant
Tracy Pumping Plant
Tracy
Delta-Mendota Canal
Stanislaus River
San Francisco Bay
South Bay Aqueduct
California Aqueduct
Modesto
Tuolumne River
Hetch Hetchy Aqueduct
Lake Del Valle
Crystal Springs Reservoir
Palo Alto
San Jose

FIGURE 5

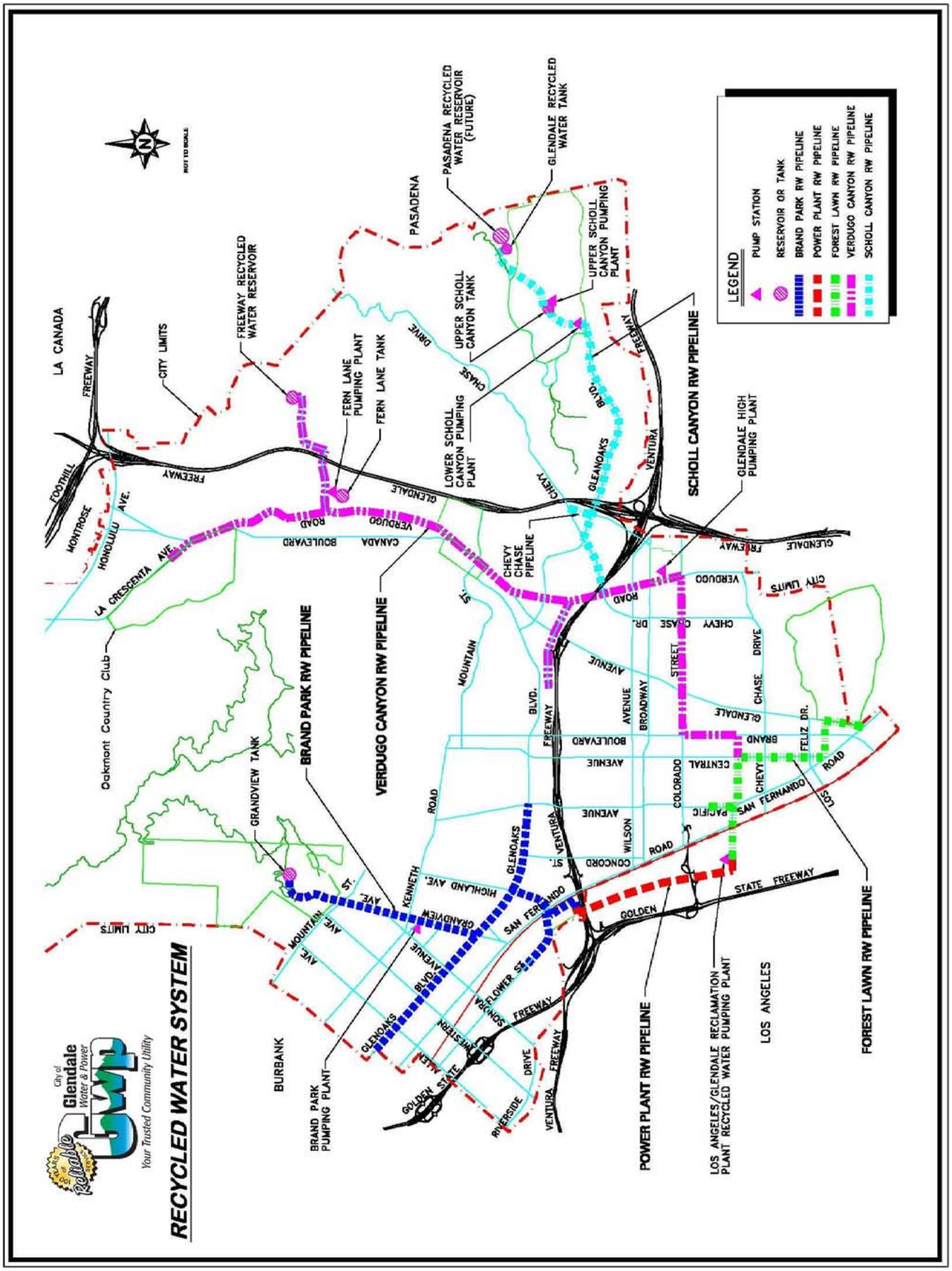

RECYCLED WATER SYSTEM
City of Glendale Water & Power
Your Trusted Community Utility
LEGEND
PUMP STATION
RESERVOIR OR TANK
BRAND PARK RW PIPELINE
POWER PLANT RW PIPELINE
FOREST LAWN RW PIPELINE
VERDUGO CANYON RW PIPELINE
SCHOLL CANYON RW PIPELINE
NOT TO SCALE
LA CANADA
PASADENA
BURBANK
LOS ANGELES
CITY LIMITS
FREEWAY RECYCLED WATER RESERVOIR
FERN LANE PUMPING PLANT
FERN LANE TANK
LOWER SCHOLL CANYON PUMPING PLANT
UPPER SCHOLL CANYON TANK
UPPER SCHOLL CANYON PUMPING PLANT
PASADENA RECYCLED WATER RESERVOIR (FUTURE)
GLENDALE RECYCLED WATER TANK
SCHOLL CANYON RW PIPELINE
GLENDALE HIGH PUMPING PLANT
CHEVY CHASE PIPELINE
VERDUGO CANYON RW PIPELINE
BRAND PARK RW PIPELINE
Oakmont Country Club
GRANDVIEW TANK
BRAND PARK PUMPING PLANT
POWER PLANT RW PIPELINE
LOS ANGELES/GLENDALE RECLAMATION PLANT RECYCLED WATER PUMPING PLANT
FOREST LAWN RW PIPELINE

FIGURE 6

CITY OF GLENDALE

Recycled Water Account Information

NO.	PROJECT NAME	ADDRESS	NO. OF METER	DELIVERY DATE	TYPE OF USE
		FOREST LAWN PROJECT (A - 1)			
1	City of Glendale	1600 S Brand Boulevard	1	1995	Irrigation
2	Forest Lawn Memorial Park	1712 S Glendale Avenue	1	1992	Irrigation
2	Forest Lawn Memorial Park	3690 San Fernando Road	1	1992	Irrigation
3	Silver Crest Homes	316 W Windsor Road	1	2000	Irrigation
4	Cerritos Elementary School	120 E Cerritos Avenue	1	2006	Irrigation
4	Cerritos Elementary School	1715 S Glendale Avenue	1	2006	Irrigation
5	Cerritos School Park	3690 San Fernando Road	1	2007	Irrigation
6	Edison Elementary & Pacific Park	501 Riverdale Drive	1	Mar 2007	Irrigation
		POWER PLANT PROJECT (A - 2)			
7	CalTrans	943 W Doran Street	1	1978	Irrigation
8	Grayson Power Plant	800 Air Way	1	1978	Cooling Towers
9	Public Works	non metered	0		Irrigation
10	Glendale Water & Power - UOC	800 Air Way	1	2010	
		BRAND PARK PROJECT (A - 3)			
11	Glenoaks Median (9 meters)	2008 W Glenoaks Boulevard	1	1996	Irrigation
11	Glenoaks Median (9 meters)	1830 W Glenoaks Boulevard (at Irving)	1	1996	Irrigation
11	Glenoaks Median (9 meters)	1108 W Glenoaks Boulevard	1	1996	Irrigation
11	Glenoaks Median (9 meters)	978 W Glenoaks Boulevard	1	1996	Irrigation
11	Glenoaks Median (9 meters)	720 W Glenoaks Boulevard	1	1996	Irrigation
11	Glenoaks Median (9 meters)	618 W Glenoaks Boulevard	1	1996	Irrigation
11	Glenoaks Median (9 meters)	532 W Glenoaks Boulevard	1	1996	Irrigation
11	Glenoaks Median (9 meters)	1628 W Glenoaks Boulevard	1	1996	Irrigation
11	Glenoaks Median (9 meters)	1400 W Glenoaks Boulevard	1	1996	Irrigation
12	Brand Park	1700 W Mountain Street	1	1997	Irrigation
13	Pelanconi Park	905 Cleveland Road	2	1996	Irrigation
14	Grandview Memorial Park	1341 Glenwood Road	2	2001	Irrigation
15	Disney Complex (Dual Plumbed-Future)	1101 Flower Street	1	2007	Irrigation
15	Disney Complex (Dual Plumbed-Future)	1201 Flower Street	1	2007	Irrigation
16	San Fernando Landscape Project	5775 San Fernando Road	1	Jan 2009	Irrigation
17	Fairmont Street Extension Project	907 Flower Street	1	Mar 2010	Irrigation
18	Walt Disney Co.	900 Grand Central Ave	1	Sep 2012	Irrigation
18	Walt Disney Co.	1200 Grand Central Ave	1	Aug 2012	Irrigation
19	Power Plant	630 Kellogg Ave	1	May 2007	Irrigation
20	Glendale Narrow Riverwalk	900 Flower St.	1	Feb 2013	Irrigation
		VERDUGO SCHOLL PROJECT (B)			
21	Colorado Blvd - Parkway Irrigation	815 E Colorado Street	1	1997	Irrigation
21	Colorado Blvd - Parkway Irrigation	1311 E Colorado Street	1	1997	Irrigation
21	Colorado Blvd - Parkway Irrigation	1401 E Colorado Street	1	1997	Irrigation
22	CalTrans	1970 E Glenoaks Blvd (E/S,W/S I2)	2	1995	Irrigation
22	Caltrans	406 N Verdugo Rd (at Chevy Chase Dr)	1	1995	Irrigation
22	Caltrans	709 Howard Street (at Monterey Road)	1	1995	Irrigation
22	Caltrans	2000 E Chevy Chase Drive (at Harvey)	1	1995	Irrigation
23	741 S. Brand Median	741 S Brand Boulevard (Median)	1	1995	Irrigation
24	Montecito Park	2978 N Verdugo Road (at Sparr)	1	1995	Irrigation
25	N. Verdugo Rd Median/La Cresenta Ave	3220 N Verdugo Road/Median/ La Crescenta Avenue *OPP	1	1996	Irrigation
26	Verdugo Rd/Canada (North Median)	3021 N Verdugo/Canada Median	1	1996	Irrigation
27	Verdugo Rd/Canada South Overpass	Verdugo/Canada (South) Overpass	1	1995	Irrigation
28	Parque Vaquero	1285 N Verdugo Road	1	1998	Irrigation
29	701 N. Glendale Ave - Median @ Monterey Rd	701 N Glendale Avenue (Median)	1	1995	Irrigation
30	Civic Auditorium	1401 N Verdugo Road	1	1996	Irrigation
31	Sports Complex	2200 Fern Lane	1	1998	Irrigation
32	Adult Recreation Center	201 E Colorado Street	1	1995	Irrigation
33	Glenoaks Park	2531 E Glenoaks Boulevard	1	1995	Irrigation
34	Scholl Canyon Park	2849 E Glenoaks Boulevard	1	1996	Irrigation
35	Scholl Canyon Ballfield	3200 E Glenoaks Boulevard	1	1997	Irrigation
36	Glendale High School	1440 E Broadway	1	1995	Irrigation
37	Wilson Junior High School	1220 Monterey Road	1	1995	Irrigation

CITY OF GLENDALE

Recycled Water Account Information

NO.	PROJECT NAME	ADDRESS	NO. OF METER	DELIVERY DATE	TYPE OF USE
38	Glendale Adventist Hospital	1520 E Chevy Chase Drive	1	1997	Irrigation / Cooling Towers
39	Glenoaks Elementary School	2015 E Glenoaks Boulevard	1	1998	Irrigation
40	Glendale Community College	1500 N Verdugo Road	2	1996 & 2004	Irrigation / Toilet Flushing
41	Oakmont Country Club	3100 Country Club Drive	1	1996	Irrigation
42	Central Library	222 E Harvard Street	2	1995	Irrigation
43	Armory	220 E Colorado Street	1	1996	Irrigation
44	Scholl Canyon Golf Course	3800 E Glenoaks Boulevard	1	1998	Irrigation
45	Scholl Canyon Landfill (PW)	3798 E Glenoaks Boulevard	2	1996	Irrigation/ Soil Compaction/ Dust Control
46	Scholl Canyon Landfill (LACSD)	2847 E Glenoaks Boulevard	1	1997	Irrigation/ Soil Compaction/ Dust Control
47	Public Works (Scholl Canyon)	3798 E Glenoaks Boulevard	1	1996	Irrigation
47	Public Works (Scholl Canyon)	3798 E Glenoaks Boulevard	1	1996	Irrigation
48	Fern Lane (Freeway Tank + Median)	1926 Fern Lane	1	1997	Irrigation
49	Glendale Retirement Home	1551 E Chevy Chase Drive	1	Jul-09	Irrigation
50	Americana at Brand LLC	233 S Brand Boulevard	1	Apr-09	Irrigation
51	Monterey Community Garden	870 Monterey Road	1	Aug-09	Irrigation
52	City of Glendale - CCBG	827 Monterey Road	1	Jan-11	Irrigation

FIGURE 7

CITY OF GLENDALE
FUTURE RECYCLED WATER USERS
As of March 2013

	FUTURE RECYCLED WATER USERS	Anticipated	User	Quantity	Type of
	PROJECT	Delivery Date		AFY	Use
	FOREST LAWN PROJECT				
1	Building - 1255 S. Central Ave (Verdugo Job Center)*	Completed	NO	5	Irrigation
2	Glendale Plaza - 655 N Central Avenue*	Completed	NO	10	Flushing Toilets
3	Building - 610 N. Central*	Completed	NO	6	Flushing Toilets
4	Glendale Memorial Hospital (1420 S. Central Ave.)	Planning	NO	15	Irrigation & Cooling Towers
5	328 Mira Loma Ave (44 residential units)	Construction	NO	10	Irrigation
6	Vassar Villas (San Fernando Rd & Glendale Ave)*	Completed	NO	5	Irrigation
	Americana Orange Extension (Nordstorm) (PROPOSED for 2012)	Design	NO	5	Irrigation
	Los Feliz Mixed-Used (Proposed for 2012)	Design	NO	5	Irrigation
	Glendale Triangle (3900 San Fernando Road) (Proposed for 2012)	Planning	NO	5	Irrigation
	POWER PLANT PROJECT				
	VERDUGO SCHOLL PROJECT				
7	John Marshall School*	Completed	NO	5	Irrigation
8	Fremont Elementary School*	Planning Stage	NO	5	Irrigation
9	Polygon Homes Housing Tracks (Camino San Rafael)*	Planning Stage	NO	85	Irrigation
10	Chevy Oaks Homes*	Planning Stage	NO	25	Irrigation
11	Chevy Chase Country Club*	Planning Stage	NO	100	Irrigation
12	Building - 111 N. Brand*	Planning Stage	NO	5	Irrigation
13	Building - 295 E. Garfield*	Planning Stage	NO	10	Irrigation
14	Building - 800 N. Brand (Nestle)	Planning Stage	NO	10	Cooling Towers
15	Caltrans Fwy 210	Planning Stage	NO	20	Irrigation
16	Residential Building -720 S. Maryland	Design Stage	NO	5	Irrigation
17	3-Story Multi Use - 415 E. Broadway	Construction	NO	5	Irrigation
18	Doran Garden (Mixed Use) 331 W. Doran (Completed in March 2012)	Construction	NO	5	Irrigation
19	Building - 400 N Brand*	Completed	NO	10	Flushing Toilets
20	Building - 450 N Brand*	Completed	NO	10	Flushing Toilets
21	Police Building - Isabel Street*	Completed	NO	5	Flushing Toilets
22	Building - 611 N Brand*	Completed	NO	10	Flushing Toilets
23	Building - 207 Goode Ave*	Completed	NO	10	Flushing Toilets
24	Fire Station No. 21*	Completed	NO	10	Irrigation
25	Mayor's Bicentennial Park	Planning Stage	NO	5	Irrigation
26	Carr Park	Planning Stage	NO	5	Irrigation
27	Glorietta Pump Station	2002	NO	5	Irrigation
28	Monterey Road Median - WJH	2002	NO	1	Irrigation
29	Deukmejian Wilderness Park	Planning Stage	NO	200	Irrigation
30	Crescenta Valley Park	Planning Stage	NO	20	Irrigation
31	Lutheran School of the Foothills	Planning Stage	NO	5	Irrigation
32	Saint James the Less School	Planning Stage	NO	5	Irrigation
33	Dunsmore Park/Elementary	Planning Stage	NO	25	Irrigation
34	Hillside Irrigation (Camino San Rafael)	Planning Stage	NO	20	Irrigation
35	Montrose Community Park	Planning Stage	NO	15	Irrigation
36	Verdugo Hills Hospital	Planning Stage	NO	30	Irrigation
37	222 Glendale Ave (Orange Grove)	Planning Stage	NO	5	Irrigation
38	Cedar Mini Park*	Completed	NO	5	Irrigation
39	Sleepy Hollow HOA	Planning Stage	NO	5	Irrigation
40	Verdugo Woodlands Elementary School	Planning Stage	NO	5	Irrigation
41	Maryland Mini Park (Cancelled)	Design Stage	NO	5	Irrigation
42	Habitat for Humanity - 711 N. Kenwood*	Completed	NO	5	Irrigation
43	Habitat for Humanity - 625 Geneva Street* (To be completed in 2012 FUTURE)	Construction	NO	5	Irrigation
	Multi-Family - 220 E. Broadway (2011 for future connection)	Completed	NO	5	Irrigation

CITY OF GLENDALE

FUTURE RECYCLED WATER USERS

As of March 2013

	FUTURE RECYCLED WATER USERS	Anticipated	User	Quantity	Type of
	PROJECT	Delivery Date		AFY	Use
	BRAND PARK PROJECT				
44	Homestead Studio Suites (1377 W. Glenoaks Blvd)	Completed	NO	5	Irrigation
45	Toll Jr High*	Design	NO	10	Irrigation
46	Hoover High School*	Design	NO	21	Irrigation
47	Keppel High School*	Design	NO	10	Irrigation
48	Disney Campus*	Planning Stage	NO	80	Irrigation / Flushing Toilets
49	Dreamworks - Flower Street (Backflow Issue-Not Connected)	Completed	NO	20	Irrigation
50	Disney Child Care Center (1500 Flower Street)*	Completed	NO	10	Irrigation
51	Disney Landscape - 1401 Flower Street*	Completed	NO	10	Irrigation
52	Grandview Condos	Design Stage	NO	5	Irrigation
53	Glendale Narrow Riverwalk Project /Fairmont Project (to be completed in 2013)	Design Stage	NO	10	Irrigation
54	Griffith Manor Park* (2011 for future connection)	Completed	NO	5	Irrigation
55	Caltrans I-5	Planning Stage	NO	30	Irrigation
56	Public Works - Street Sweeping/Yard (to be completed in 2013)	Design Stage	NO	20	Street Sweeping
57	GWP-UOC - Airway	Design Stage	NO	10	Irrigation / Flushing Toilets
	TOTAL			1023	

* RW main service not yet available.

** Pasadena and Los Angeles Demand not included

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APPENDIX D

CITY OF SAN FERNANDO

PUMPING AND SPREADING PLAN

2012-2017 Water Years

CITY OF SAN FERNANDO

GROUNDWATER PUMPING AND SPREADING PLAN

OCTOBER 1, 2012 TO SEPTEMBER 30, 2017

2012-2013 Water Year

Prepared by:

Public Works Department

Water Division

117 Macneil Street

San Fernando, California 91340

May 2013

TABLE OF CONTENTS

I. INTRODUCTION

The ground water rights of the City of San Fernando were defined by the JUDGMENT in Superior Court Case No. 650079, entitled "The City of Los Angeles, a Municipal Corporation, Plaintiff, vs. City of San Fernando, et. al., Defendants." The Final Judgment was signed on January 26, 1979.

On August 26, 1983, the Watermaster reported to the court pursuant to Section 10.2 of the Judgment that the Sylmar Basin was in condition of overdraft. On October 1, 1984, San Fernando and Los Angeles were assigned equal rights to pump the safe yield of the Basin (6,210 acre-feet) thus, San Fernando and Los Angeles were each allowed to pump approximately 3,105 acre-feet per year. Thereafter, on October 1, 1996, the safe yield of the Basin was determined to be 6,510 acre-feet per year. A stipulation approved by the Court, on December 13, 2006, allows for a temporary increase in the safe yield of the Basin to 6,810 AF/Y beginning October 1, 2006. Therefore, San Fernando and Los Angeles are now allowed to each pump approximately 3,405 acre-feet per year.

In 1993, significant revisions were made to the Upper Los Angeles River Area (ULARA) Policies and Procedures with the addition of Section 2.9, Groundwater Quality Management. This addition has been made by the Watermaster and the Administrative Committee to affirm its commitments to participate in the cleanup and limiting the spread of contamination in the San Fernando Valley. This report is in response to Section 2.9.4, Groundwater Pumping and Spreading Plan.

The Groundwater Pumping and Spreading Plan is based on the water year, October 1 to September 30. The Draft Plan for San Fernando will be submitted in May to the Watermaster for the current water year.

II. WATER DEMAND

The annual total water demand for the last five years and the projected annual water demand for the next five years are shown on Table 2.1.

Water demand during the early 1990's was affected by drought conditions in the Southern California region. However, the City of San Fernando has imposed voluntary conservation since 1977.

Projected water demands for the next five years is expected to slightly decrease or remain the same due to conservation efforts.
The projected water demand may vary significantly due to weather conditions, economic conditions and/or social conditions in the San Fernando area. A variance of $\pm$ 10 percent can be expected.

III. WATER SUPPLY

The water supply for the City of San Fernando is composed of locally produced and treated groundwater. Supplemental water is purchased from the Metropolitan Water District of Southern California (MWD). In case of emergency, there is an existing 6-inch water connection to the City of Los Angeles (DWP) water system at 12900 Dronfield Avenue, in Sylmar.

A. MWD: Treated water is purchased from the MWD to supplement ground water supplies. Historic and projected use of MWD water is shown in Table 2.1.

B. Production Wells: The City of San Fernando owns and operates three (3) wells that are on "active status" with the Department of Health Services as indicated below:

1. ***Well 2A***
   Location: 14060 Sayre Street, Sylmar
   Capacity: 2150 GPM

2. ***Well 4A***
   Location: 12900 Dronfield Avenue, Sylmar
   Capacity: 450 GPM

3. ***Well 3***
   Location: 13003 Borden Avenue, Sylmar
   Capacity: 1200 GPM

   This well shown is on "stand-by status" with the Department of Public Health Services and quarterly samples are collected by waste pumping.

4. ***Well 7A***
   Location: 13180 Dronfield Avenue, Sylmar
   Capacity: 900 GPM

   This well was placed on "inactive status" with the Department of Public Health Services and has been physically disconnected from the water system. Plans are to activate this well in 2013 and install a new ion-exchange nitrate removal unit to be located at our lower reservoir site.

C. Quantity (Acre-Feet) of Water Pumped From Each Well (2011-2012)

1.	Well 2A	2,758.44
2.	Well 3	.55
3.	Well 4A	443.03
4.	Well 7A	.29
	Total	3,202.31

D. Wells Groundwater Level Data

1.	Well 2A	1083.5 Taken 12/12
2.	Well 3	1082.2 Taken 12/12
3.	Well 4A	1057.1 Taken 12/12
4.	Well 7A	1185.3 Taken 12/12

E. <u>Well Locations</u>

Well 2A - 14060 Sayre Street, Sylmar

Well 3 - 13003 Borden Street, Sylmar

Well 4A - 12900 Dronfield Avenue, Sylmar

Well 7A 13180 Dronfield Avenue, Sylmar

IV JUDGMENT CONSIDERATIONS

A. Native and Imported Return Water

The safe yield of the Sylmar Basin was 6,810 acre-feet and the cities of San Fernando and Los Angeles have equal rights to pump from this basin. After subtracting the overlaying pumping rights of two private parties, San Fernando and Los Angeles were each allowed to pump approximately 3,405 acre-feet per year.

A stipulation approved by the Court May 01, 2013 allows for a temporary increase in the safe yield of the Basin to 7,140 AF/Y beginning October 1, 2012. Therefore, San Fernando and Los Angeles are now allowed to each pump approximately 3,570 acre-feet per year, for the next five years (2011-12 through 2016-17)

B. Stored Water Credit

San Fernando and Los Angeles each have the right to store water in the Sylmar Basin and the right to extract equivalent amounts.
As of September 30, 2012 the City of San Fernando has a stored water credit of 1,703.61 acre-feet accumulated during previous years through the 11-12 water year.

TABLE 2.1
FIVE-YEAR HISTORIC AND PROJECTED WATER DEMAND
PUMPED AND IMPORTED WATER
CITY OF SAN FERNANDO

(Acre – Feet)

FY	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
DEMAND											
WELLS	2,894	3,669	3,473	3,143	3,082	3,202	3,050	3,150	3,175	3,200	3,200
MWD	901	0	0	51	18	106	100	50	25	0	0
TOTAL	3,795	3,669	3,473	3,194	3,100	3,308	3,200	3,200	3,200	3,200	3,200
ACTUAL							**PROJECTED**				

APPENDIX A

WATER QUALITY DATA

SEE ATTACHED WATER QUALITY REPORT, 2012

CITY OF SAN FERNANDO

- WELL NO. 3
- WELL NO. 4A
- WELL NO. 2A
- WELL NO. 7A

APPENDIX B

POLICIES AND PROCEDURES

(By ULARA)

WATERMASTER SERVICE

UPPER LOS ANGELES RIVER AREA

POLICIES AND PROCEDURES

February 1998

APPENDIX E

CRESCENTA VALLEY WATER DISTRICT

PUMPING AND SPREADING PLAN

2012-2017 Water Years

CRESCENTA VALLEY WATER DISTRICT

GROUNDWATER PUMPING & SPREADING PLAN

FOR

WATER YEARS

OCTOBER 1, 2012 TO SEPTEMBER 30, 2017

Prepared by:
David S. Gould, P.E.
District Engineer

Prepared for:
ULARA Watermaster's Office

May 2013

I. INTRODUCTION

The ground water rights of the Crescenta Valley Water District (CVWD) were defined by the JUDGEMENT in Superior Court Case No. 650079, entitled "The City of Los Angeles, a Municipal Corporation, Plaintiff, vs. City of San Fernando, et. al., Defendants". The Final Judgment was signed on January 26, 1979.

In 1993 and in 1998, significant revisions were made to the Upper Los Angeles River Area (ULARA) Policies and Procedures with the addition of sections for Groundwater Quality Management and various new reports and appendices. This addition was made by the Watermaster and the Administrative Committee to affirm their commitment to participate in the clean-up, and limiting the spread of contamination in the San Fernando Valley.

This report as prepared by CVWD is in response to Section 5.4, Groundwater Pumping and Spreading Plan. This report refers to groundwater pumping since there is no groundwater spreading performed by CVWD.

CVWD's Verdugo Basin Groundwater Recharge, Storage and Conjunctive Use Feasibility Study, which was completed in 2005, had recommended methods of stormwater recharge and storage within the basin. In 2011/12, CVWD applied for a Local Groundwater Assistance (LGA) grant from the Department of Water Resources (DWR) to perform a feasibility study for stormwater recharge within the Verdugo Basin. The study is a cooperative effort with the City of Glendale, the County of Los Angeles and other local stakeholders. DWR will make a determination on grant funding during 2012/13 and if CVWD is successful with obtaining the funding, the study would begin in August 2013.

The Groundwater Pumping Plan is based on the water years October 1, 2012 to September 30, 2017.

II. WATER DEMAND

The annual total water demand for the last five (5) years and the projected annual water demand for the next five (5) years are shown in Table 2.1.

Water demands between 2007/08 and 2011/12 were affected by a number of factors including annual rainfall, natural disasters, statewide drought, the unstable economy, and water conservation efforts within the Crescenta Valley.

Additionally, demands in the CVWD service area vary due to seasonal conditions, which can be attributed to the residential character of the District and the large percentage of water consumption for outdoor landscaping.

CVWD has observed swings in the amount of rainfall in the Verdugo Basin over the past five (5) years from a low of 15.5 inches in 2008/09 to a high of 32.2 inches in 2010/11. In 2011/12, the rainfall was 14.1 inches, which was 40% below the annual average of 23.6 inches.

The State of California declared a statewide drought in 2008 and Metropolitan Water District of Southern California (MWD) imposed a set of penalty rate charges in June 2008. The MWD allocation plan was suspended in April 2011. MWD has indicated that there will be no allocation plan for 2011/12 and there is excess storage in their facilities.

In 2010/11, CVWD's Board of Directors reduced the mandatory water conservation program to a volunteer water conservation program which allowed outdoor landscape irrigation and using water wisely. In 2011/12, CVWD remained in a volunteer water conservation program.

CVWD anticipated an overall annual increase in water demand of approximately 1% to 2% per year over the next five (5) years in responses to the reduced need for water conservation. In 2011/12, CVWD saw a 6.2% increase in water demand as compared to 2010/11, which is attributed to a slightly stronger economy and decreased effort in water conservation.

III. WATER SUPPLY

The water supply for CVWD is composed of locally produced and treated groundwater, and imported water from MWD purchased on a wholesale basis from Foothill Municipal Water District (FMWD). In 2011/12, CVWD had an overall ratio of 67% local groundwater and 33% imported water.

CVWD has an emergency water supply interconnection with the City of Glendale. A proposed emergency water supply interconnection with the City of Los Angeles, Department of Water and Power (LADWP) is planned for construction in 2013/14.

In 2011/12, CVWD observed an increase in groundwater production as compared to 2010/11. CVWD's wells produced 3,099 ac-ft, which was 195 ac-ft under the adjudicated rights of 3,294 AFY.

In general, the well levels in the Verdugo Basin are decreasing over the last year; however groundwater production has increased in 2011/12, which can be attributed to well rehabilitation projects at Well 10 and 14, which saw an average of 30% increase in well efficiency.

A. PRODUCTION WELLS

CVWD has twelve (12) active wells that are currently in operation. Historic and projected production from these wells is shown in Table 3.1.

In 2011/12, CVWD observed the water levels in its groundwater wells decrease over the year due to the below average rainfall received in the Crescenta Valley. In addition, the overall well capacity for 2011/12 was 3.54 MGD, which was less than 2010/11 at 3.59 MGD, an overall decrease of 1.4% in capacity. This is largely due to the failure of Well 14 which caused it to be out of service for approximately 2 months.

A.1 Nitrate in Wells

CVWD groundwater wells produce water that typically contains nitrate concentrations above the 45 mg/L maximum contaminant level (MCL) as set by the EPA and California Department of Public Health (CDPH).

A.1.1 Glenwood

The Glenwood Nitrate Removal Treatment Plant is an ion-exchange process that is used to treat and remove nitrates from a portion of the well water. Untreated water and water treated at the Glenwood Plant are blended to produce water with a nitrate level less than the MCL.

In 2011/12, the ion-exchange plant was in operation for ten (10) months, with very minor flows for four (4) of those months and was used to maximize the use of local groundwater.

A.1.2 Mills

Water production at the CVWD's Mills Plant is blended with FMWD water to decrease the nitrate levels below the MCL.

A.2 Methyl tertiary-butyl ether (MTBE) in Wells

In 2004, CVWD detected low levels of MTBE in Well 5 during routine sampling. In September 2006, Well 7 was taken out of service because of the discovery of methyl tertiary-butyl ether (MTBE) above the 13 ug/L MCL.

A.2.1 MTBE Levels

In March 2008, a pump test was performed to determine if the decreased MTBE levels in Well 7 were due to a lack of pumping activity or if the MTBE plume had decreased. The results of the pump tested showed that the MTBE levels in Well 7 remained constant at 2.0 ug/L, the plume had moved away from Well 7, and MTBE levels in other nearby wells had not increased.

In April 2008, CVWD received permission from CPDH to place Well 7 back into service since the MTBE levels had declined to less than 0.50 ug/L and groundwater was needed to replace Well 9, which was out of service for pump repairs. CVWD continued monitoring MTBE levels at Well 7 and the Mills Forebay on a weekly basis to ensure that if MTBE levels began to rise, Well 7 could be shut down.

In September 2008, Well 5 was taken out of service when the MTBE level reached 14 ppb, which is above the MCL of 13 ppb.

In 2008/09, the MTBE level in Well 5 continued to increase from 18 ug/L in October 2008 to 57 ug/L in September 2009 and Well 5 remained out of service.

In 2009/10, the MTBE level in Well 5 rose to a high of 67 ug/L in October 2009 and then steadily decreased over the course of the water year to a low of 0.25 ug/L in July 2010.

In February 2011, CVWD performed a pump test on Well 5 to determine if the MTBE levels would increase after pumping activity. The results of the pump test showed that the MTBE level remained steady at 0.20 ug/L. CVWD was given permission by CDPH to place Well 5 back into service in March 2011.

In 2011/12, the MTBE levels in CVWD's wells were between ND to 0.58 ug/L.

A.2.2 Verdugo Basin MTBE Task Force

In October 2006, CVWD requested that the Watermaster's office create the Verdugo Basin MTBE Task Force and CVWD has been working with RWQCB, CDPH, stakeholders, and RP's on remediation and clean-up of the MTBE.

In 2011/12, the Task Force met one time throughout the year and status at the nine (9) sites that required remediation is shown in the table below:

Site	Owner	Address	Status
1	Exxon/Mobil Station	3200 Foothill Blvd	Closed
2	76 Station	2384 Foothill Blvd	Remediation
3	Former Arco Station	6454 Foothill Blvd	Remediation
4	Shell Station	3044 Foothill Blvd	Remediation
5	Chevron Station	2817 Honolulu Ave	No Work
6	Shell Service Station	6621 Foothill Blvd	Closed
7	Valero Gas Station	2660 Foothill Blvd	Remediation
8	LA County, DPW - Pickens Yard	4628 Briggs Ave	No Work
9	Crescenta Valley Tow	4456 Cloud Ave	Remediation

A.2.3 GAC Treatment System

In 2010/11, CDPH suspended CVWD's grant under the Drinking Water Treatment and Research Fund for funding the installation of a granulated activated carbon (GAC) water treatment system for removal of MTBE at the Well 5 site. Since the MTBE levels in Well 5 were below the secondary and primary MCL levels, grant funding was put on hold until the MTBE levels were higher. In 2011/12, grant funding was eliminated by the State and if MTBE levels rise again, CVWD will have to find another funding source.

B. WELL REPLACEMENT PROGRAM

The District's active wells range in age from 12 to 82 years and are mostly beyond their useful life. CVWD has included in its 10-year CIP program to drill a new water production well within the next 5 – 10 years to replace its aging well system.

CVWD has been in discussion with the City of Glendale on the utilization of Glendale's Rockhaven well with respect to nitrate removal treatment. CVWD would like to finalize an agreement with Glendale by the end of 2013/14.

C. WELL REHABILITATION PROGRAM

CVWD continues performing well rehabilitation on its existing wells to maintain well capacity and extend the life of the wells. In 2011/12 CVWD performed well rehabilitation on Wells 10 and 14. In 2012/13, CVWD is planning to perform well rehabilitation on Well 12 and in 2013/14 on Wells 1 & 8.

D. GLENWOOD NITRATE REMOVAL PLANT

The Glenwood ion-exchange nitrate removal plant was placed into operation in 1990. The plant was out of operation for extended periods in 1992–93 and in 1997 when repairs were necessary. CVWD replaced the ion-exchange resin in 2010/11 during its annual maintenance shut-down.

During 2011/12, the plant was in operation during ten (10) months of the year to maximize the use of groundwater production and this trend will continue in 2012/13. The historic and projected production from the Glenwood Plant is shown in Table 3.2.

E. PICKENS GRAVITY TUNNEL PRODUCTION

A small portion of the total demand for CVWD is supplied by the Pickens Gravity Tunnel. Historic and projected production from Pickens Tunnel is shown in Table 3.3.

F. FMWD/MWD – IMPORTED WATER

In 2011/12, the amount of imported water purchased from MWD via FMWD was increased from previous years because of an overall increase in demand due to the discontinuation of mandatory conservation efforts. Proportionally, the ratio of groundwater to import water of 66/34 remained the same as previous years.

In 2012/13, CVWD anticipates a slight increase in the amount of imported water received from FMWD as the overall water demand continues to increase and the production from CVWD's wells begins to taper due to lower than average rainfall. Historic and projected use of FMWD water is shown in Table 3.4.

G. CITY OF GLENDALE INTERCONNECTION

In 2004, CVWD completed the installation of a new water supply interconnection with the City of Glendale. This connection allowed CVWD to increase its water supply capacity by 5.0 cfs or 3.2 mgd. An agreement between the City of Glendale, FMWD and CVWD was signed in 2004, where CVWD will pay FMWD for the water and the City of Glendale for the maintenance and operation of bringing the water to CVWD.

In 2011/12, CVWD used 2.96 MG of water from the Glendale/CVWD interconnection (GCI) in December 2011. This was used for emergency water supply due to power outages caused by wind storms in the area.

H. CITY OF LOS ANGELES INTERCONNECTION

In 2005, CVWD received a Proposition 50, Water Security Grant from CDPH to install an emergency water supply connection with the City of Los Angeles. The new connection will provide 2.2 cfs or 1.44 mgd. In addition, the new interconnection and associated facilities will allow CVWD to provide water in low demands (approximately 1.5 CFS) to FMWD and its sub-agencies in case of a local disaster or when MWD's Weymouth plant is out of service.

In 2010/11, the grant funding became available in March 2011, and CVWD has resumed the project since grant funding is now available.

In 2011/12, the project was in the final design stage and was waiting on approval from CDPH. CVWD anticipates the project to be completed by 2013/14.

IV. JUDGEMENT CONSIDERATIONS

The allowable adjudicated rights of CVWD from the Verdugo Basin are 3,294 acre-feet per year:

- 1978/79 to 1991/92 - CVWD pumped 1,700 to 2,900 ac-ft/yr from the Verdugo Basin (below the adjudication).
- 1993/94 to 2000/01 - CVWD pumped over its adjudicated right up to 500 ac-ft/yr, which was allowed by the Watermaster's office.
- 2001/02 to 2003/04 - CVWD pumped below its adjudication since basin production was declining.
- 2004/05 - CVWD increased its water production due to higher than normal rainfall and was able to pump over the adjudication by 16 ac-ft.
- 2005/06 - CVWD pumped over the adjudication by 59 ac-ft. CVWD and the City of Glendale came to a mutual agreement on compensation for the amount of water pumped over the adjudication for 2004/05 & 2005/06.
- 2006/07 - CVWD planned to maintain well production within the adjudication, however due to operator error, CVWD pumped over the adjudication by 11 ac-ft. CVWD and the City of Glendale completed this issue on compensation based on the 2005/06 mutual agreement.
- 2007/08 - CVWD adjusted its pumping schedule to maintain well production within the adjudication, and CVWD was 15 ac-ft below, which was due to Well 7 being out of service for high MTBE levels.
- 2008/09 – CVWD pumped below its adjudication by 330 ac-ft, which was due to Well 5 being out of service for high MTBE levels and Well 9 being out of service due to bacteriological problems.
- 2009/10 - CVWD pumped below its adjudication by 640 ac-ft, which was due to Well 5 being out of service for high MTBE levels, Well 9 being out of service due to bacteriological problems, and Well 11 being out of service due to pump failure.
- 2010/11 - CVWD pumped below its adjudication by 368 ac-ft, which was due to Well 5 being out of service for high MTBE levels for three (3) months and decrease in water demand due to water conservation.
- 2011/12 - CVWD pumped below its adjudication by 195 ac-ft, this increase in production over previous years was due mainly to an increase in well efficiency from rehabilitation. CVWD hopes to continue to increase its ground water production by rehabilitating Well 12 in 2012/13 & Wells 1 & 8 in 2013/14.

TABLE 2.1
HISTORIC AND PROJECTED WATER DEMAND
(Acre-Feet)

2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
5,344	4,852	4,405	4,363	4,633	4,587	4,664	4,713	4,762	4,820
ACTUAL					PROJECTED				

TABLE 3.1
HISTORIC AND PROJECTED COMBINED WELL AND TUNNEL GROUNDWATER PRODUCTION
(Acre-Feet)

2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
3,280	2,964	2,651	2,926	3,099	3,211	3,290	3,290	3,290	3290
ACTUAL					PROJECTED				

TABLE 3.2
HISTORIC AND PROJECTED GLENWOOD NITRATE REMOVAL PLANT PRODUCTION BEFORE BLENDING
(Acre-Feet)

2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
660	459	410	592	447	525	490	475	475	475
ACTUAL					PROJECTED				

NOTES:

(1) The Glenwood Treatment Plant has a capacity of 2.1 MGD of blended water.

(2) The Glenwood Treatment Plant began operation January 1990.

TABLE 3.3
HISTORIC AND PROJECTED PICKENS TUNNEL WATER PRODUCTION
(Acre-Feet)

2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
64	60	56	57	60	60	60	60	60	60
ACTUAL					PROJECTED				

TABLE 3.4
HISTORIC AND PROJECTED USE OF MWD TREATED WATER
(Acre-Feet)

2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
2,064	1,888	1,754	1,437	1,534	1,376	1,390	1,423	1,472	1,530
ACTUAL					PROJECTED				

NOTES:

(1) All values shown above are for treated water.

APPENDIX F

ANNUAL MUNICIPAL EXTRACTIONS IN ULARA

1979-2012

ANNUAL MUNICIPAL EXTRACTIONS IN ULARA
1979-80 through 2011-12
(acre-feet)

Water Year	San Fernando Basin*				Sylmar Basin			Verdugo Basin			ULARA TOTAL
	Burbank	Glendale	Los Angeles	TOTAL	Los Angeles	San Fernando	TOTAL	CVWD	Glendale	TOTAL	
2011-12	9,997	7,876	49,273	67,146	1,093	3,202	4,295	3,090	1,982	5,072	76,513
2010-11	10,398	7,476	43,951	61,825	964	3,082	4,046	2,927	1,826	4,753	70,624
2009-10	10,048	7,935	59,958	77,941	2,544	3,143	5,687	2,645	2,135	4,780	88,408
2008-09	9,966	7,151	52,896	70,013	868	3,473	4,341	2,957	2,087	5,043	79,397
2007-08	6,817	7,411	50,009	64,237	2,997	3,670	6,667	3,270	2,687	5,957	76,861
2006-07	9,780	7,622	76,251	93,653	3,919	2,894	6,813	3,294	2,568	5,862	106,328
2005-06	10,108	7,374	38,042	55,523	2,175	2,857	5,032	3,354	2,390	5,744	66,299
2004-05	6,399	7,792	49,085	63,276	1,110	3,143	4,253	3,310	2,358	5,668	73,197
2003-04	9,660	7,282	68,626	85,568	3,033	3,454	6,487	2,568	2,117	4,685	96,740
2002-03	9,170	8,507	73,676	91,353	3,549	3,357	6,906	2,836	1,613	4,449	102,708
2001-02	10,540	6,838	66,823	84,201	1,240	3,766	5,005	3,266	2,129	5,396	94,602
2000-01	12,547	6,886	65,409	84,843	2,606	3,696	6,301	3,422	2,227	5,649	96,793
1999-00	12,547	1,023	98,016	111,586	2,634	3,807	6,441	3,699	2,727	6,426	124,453
1998-99	10,729	31	123,207	133,966	4,536	3,528	8,064	3,797	2,627	6,424	148,455
1997-98	3,964	28	85,292	89,284	3,642	3,308	6,950	3,747	2,820	6,567	102,802
1996-97	11,171	20	89,935	101,126	2,482	3,259	5,741	3,672	2,674	6,346	113,213
1995-96	8,067	26	72,286	80,379	2,766	2,985	5,752	3,705	2,133	5,838	91,969
1994-95	3,052	53	55,478	58,583	2,311	3,421	5,732	3,708	1,633	5,341	69,656
1993-94	2,773	115	60,480	63,368	2,052	3,398	5,451	3,634	1,402	5,037	73,855
1992-93	1,354	91	34,973	36,419	1,369	2,145	3,514	2,557	990	3,547	43,480
1991-92	39	489	75,684	76,213	3,292	2,826	6,118	2,631	633	3,264	85,596
1990-91	1,278	2,755	67,032	71,065	3,281	2,266	5,546	2,615	1,230	3,845	80,456
1989-90	16	1,500	79,949	81,465	2,626	2,763	5,389	2,903	1,329	4,232	91,086
1988-89	29	1,315	126,630	127,974	3,259	2,199	5,459	2,285	2,064	4,349	137,781
1987-88	30	1,020	104,419	105,470	3,133	777	3,911	2,268	2,096	4,364	113,745
1986-87	29	5,758	85,845	91,632	3,113	3,026	6,139	2,255	2,619	4,874	102,645
1985-86	123	5,819	80,963	86,904	3,075	3,166	6,241	2,075	3,418	5,493	98,639
1984-85	2,863	3,086	95,641	101,591	3,130	3,102	6,232	1,997	3,837	5,834	113,657
1983-84	1,063	1,708	112,840	115,611	3,106	3,907	7,013	2,009	3,551	5,560	128,184
1982-83	2,187	1,028	65,178	68,394	3,048	3,133	6,181	1,759	3,427	5,187	79,761
1981-82	523	952	83,207	84,682	3,486	3,290	6,775	1,876	3,732	5,607	97,065
1980-81	595	1,129	91,067	92,791	4,117	3,380	7,497	2,140	2,122	4,262	104,550
1979-80	677	934	57,304	58,915	3,111	2,991	6,102	1,873	1,434	3,307	68,325
Average	5,410	3,607	73,922	82,939	2,717	3,103	5,821	2,853	2,261	5,114	93,874