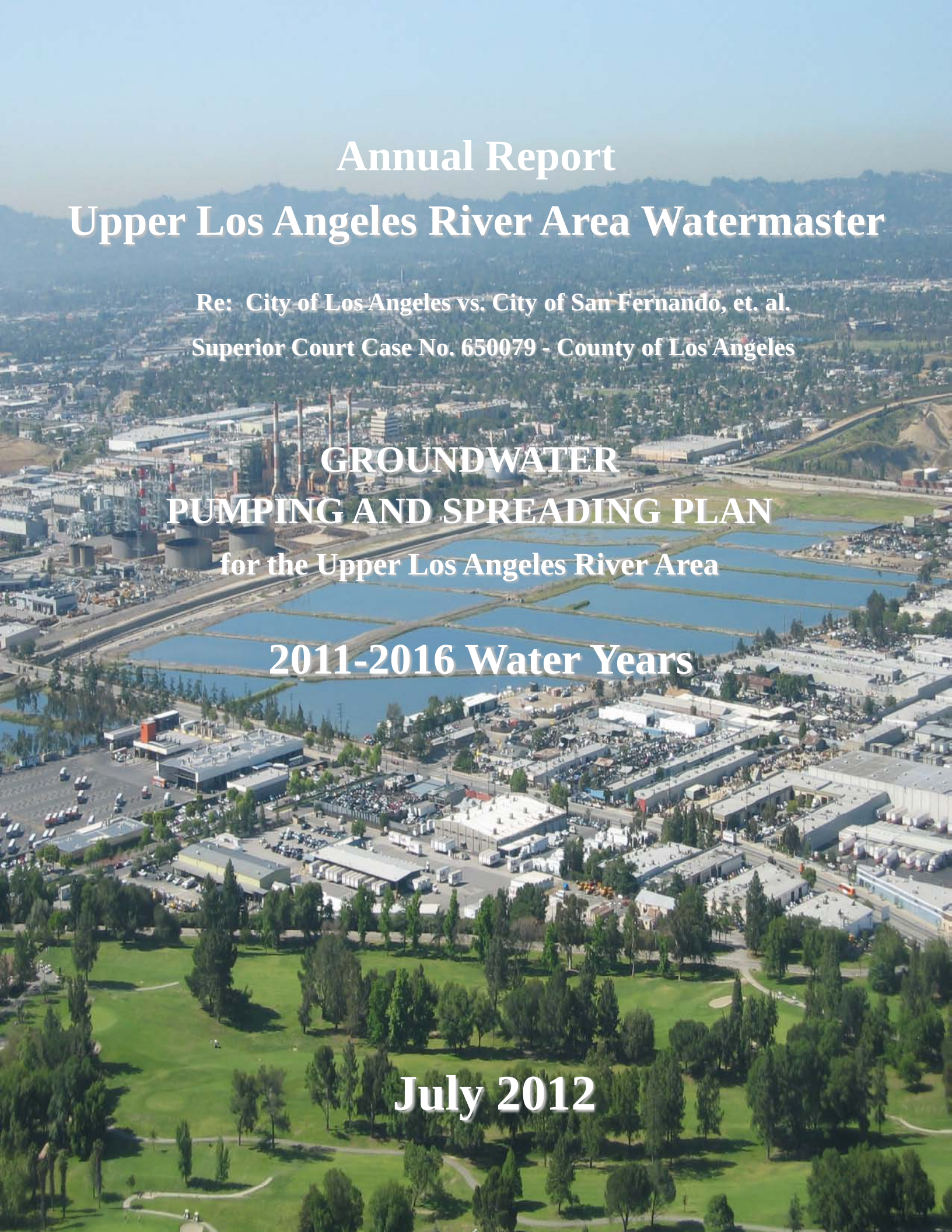

Annual Report
Upper Los Angeles River Area Watermaster

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

2011-2016 Water Years

July 2012

ANNUAL REPORT
UPPER LOS ANGELES RIVER AREA WATERMASTER

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

2011-2016 WATER YEARS
October 2011 – September 2016

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

JULY 2012

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I. EXECUTIVE SUMMARY

As the Watermaster for the Upper Los Angeles River Area (ULARA), I am pleased to submit this Annual Report for the ULARA Groundwater Pumping and Spreading Plan for the 2011-12 through 2015-16 Water Years. This report has been prepared to be in compliance with Section 5.4 of the Policies and Procedures document, prepared 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 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 pumping and/or spreading (as applicable) for Water Years 2011-12 through 2015-16. 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 groundwater cleanup in the eastern portion of the San Fernando Groundwater Basin.

In this current Water Year which ends September 30, 2012, both the cities of Los Angeles and San Fernando have 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 be less than its long-term average. The cities of Burbank and Glendale are on track to produce more than their adjudicated water rights, 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, expect to produce less than their adjudicated water right during the current Water Year.

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 (OU) 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 completed and now operates its grant-funded Weak Base Anion (WBA) Chromium Removal facility to remove hexavalent chromium from a portion of the groundwater produced by GOU Well GS-3. In addition to the WBA treatment, a 100-gpm demonstration facility has been constructed that uses reduction,

coagulation and filtration (RCF) technology to remove hexavalent chromium. The City of Los Angeles began operating wellhead treatment facilities on two of its twelve wells at the Tujunga Wellfield in the SFB in May 2010.

The groundwater model, which is updated each year by the Watermaster support group at the Los Angeles Department of Water and Power (LADWP); was used once again for this current report to simulate the combined effects of projected pumping and spreading on groundwater elevations in the SFB for the five-year period ending September 30, 2017. The most significant effects shown by the recent modeling effort include the substantial rebound of simulated water levels in the basin resulting from increased recharge activity in the spreading basins and the expected reductions in groundwater pumping by Los Angeles. As simulated by the model, water levels may increase by as much as 20 to 40 feet in some areas. However, Los Angeles has had to reduce its pumping in response to water quality concerns due to the existence of certain contaminants that occur in the groundwater at concentrations that exceed their regulatory limits in some of its wellfields. As a result, LADWP is taking steps to site, design and eventually construct water treatment facilities to treat the contaminated groundwater, thereby trying to regain the operational capacity of its wellfields during these next several years. Also noteworthy are the simulated groundwater contours in the areas near the BOU wells which show the continued effectiveness 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 244,493 AF over the next five years, as simulated by the 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 completion of this Annual Pumping and Spreading Plan document. 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 in 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 the four ULARA groundwater basins. The Policies and Procedures were 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 five-year projected groundwater pumping and spreading volumes, recent water quality data for each 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).

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 2011-12 through 2015-16 for ULARA, and it has been prepared pursuant to Section 5.4 of the Policies and Procedures. This report provides guidance to the Administrative Committee for use in improving basin management, providing protection of the water rights of each Party, and protecting water quality within ULARA.

III. PLANS FOR THE 2011-12 THROUGH 2015-16 WATER YEARS

A. Projected Groundwater Pumping for 2011-12 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. Also shown thereon 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 active municipal-supply water wells (76); the Sylmar Basin has the fewest number of active wells (4); and there are no municipal-supply wells in the Eagle Rock Basin. The number of active wells in each basin is subject to change each year due to potential problems (e.g., water level declines, mechanical problems, and 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 2011-12 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 2011 through March 2012, 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 2011-12 through September 2012 for each of the three groundwater basins in ULARA in which municipal-supply wells are located. As seen on Table 3-1A, the 5 Parties expect to pump a total of approximately 65,330 acre feet (AF) of groundwater during Water Year 2011-12 from the three groundwater basins. These total groundwater extractions for Water Year 2011-12 by the five Parties are expected to include 56,652 AF from San Fernando Basin, 3,499 AF from Sylmar Basin and 5,179 AF from Verdugo Basin.

The total volume of groundwater expected to be pumped by all Parties (65,330 AF) during the current Water Year is 29,906 AF less than the 32-year (1979-2011) historical average extractions from the three basins. The estimated volume of pumping for next Water Year (2012-13) is 64,064 AF, which is also less than the historical long-term (1979-2011) average of 95,236 AF.

As shown in Table 3-1B, the City of Burbank plans to pump 9,961 AF of groundwater from the SFB in the 2011-12 Water Year; this volume exceeds its annual pumping entitlement from this basin (including extractions by Valhalla Mortuary). Including approximately 380 AF of pumping by Valhalla Mortuary, extractions by Burbank will be 196 AF more than its five-year average of 9,765 AF, and 4,252 AF higher than its long-term average of 5,709 AF for the period of 1979-2011. Burbank's annual entitlement for the 2011-12 Water Year is 3,864 AF, based on

its 20 percent import return credit (as reported in the 2010-11 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. 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 6,832 AF as of October 1, 2011 (Burbank also has an additional 10,698 AF of stored water credits *on reserve*).

CVWD plans to pump 3,111 AF in 2011-12, 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 266 AF more than its long-term average pumping of 2,845 AF for the period 1979-2011 and 3 AF more than its five-year average (2006-2011) of 3,108AF.

The City of Glendale resumed significant pumping from the SFB when its Glendale Operable Unit (GOU) began operating in September 2000. In the 2011-12 Water Year, Glendale plans to pump 8,140 AF from the SFB; this volume is 267 AF more than its five-year (2006-2011 average of 7,873 AF. In the SFB, Glendale's annual water right is 4,716 AF, based on its 20 percent import return credit for water delivered to its service area within the SFB during the 2010-11 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 19,594 AF as of October 1, 2011 (Glendale also has an additional 30,678 AF of stored water credits *on reserve*). In the Verdugo Basin, Glendale plans to pump 2,068 AF in 2011-12; this volume is 202 AF less than its 32-year (1979-2011) historical average of 2,720 AF, and represents a decrease of 553 AF relative to its average pumping during the recent five-year period of 2006-2011 (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 this well was connected 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. The new well will remain off-line until a final treatment method has been determined.

The City of Los Angeles expects to pump 38,551 AF this year from the SFB, a volume that is 36,132 AF less than its long-term (1979-2011) annual average of 74,683 AF, and 18,062 AF less than its average pumping over the past five years (2006-2011). Los Angeles expects to pump 349 AF of groundwater from the Sylmar Basin; this volume is 2,419 AF less than its 1979-2011 average of 2,768 AF. As of October 1, 2011, Los Angeles' *available* stored water credits were 189,709 AF in the SFB (Los Angeles also has an additional 297,032 AF of stored water credits *on reserve* in the SFB) and 15,262 AF in the Sylmar Basin.

For 2011-12, the City of San Fernando plans to pump 3,150 AF from the Sylmar Basin. This volume is 102 AF less than its average pumping for the past five years but 50 AF more than its 32-year long-term average (for 1979 to 2011). San Fernando has a stored water credit of 1,500 AF as of October 1, 2011 in Sylmar Basin.

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 2011-12 are shown in Tables 3-1A, 3-1B, and 5-1A.

B. Constraints on Pumping as of 2011-12

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 then 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 the goal established by the Burbank City Council for delivered water within the City.

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 APTwater Services, LLC, for the day-to-day operation of the BOU.

City of Glendale – 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 (the goal set by the Glendale City Council) for this contaminant.

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 GSOU 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. The treatment facilities using the two technologies identified in a study by Malcolm Prinie were constructed and 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.

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 MCLs 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 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.

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 location. A project to rehabilitate this wellfield is underway by LADWP. Phase 1, which provided for the replacement of an onsite 100,000 gallon water storage tank, was recently completed. Phase 2 will include construction of off-site groundwater monitoring wells to investigate the extent of contamination upgradient from this wellfield. These monitoring wells are scheduled to be constructed in 2013. Phase 3 work is to entail the construction of three new water-supply wells, destruction of two deteriorated/older water wells, upgrades to the pump station, and modifications to the supporting 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.

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.

In past years, CVWD has been given permission on an annual basis by the Watermaster to pump in excess of its right until the City of Glendale is able to pump its entire right from Verdugo Basin. During Water Years 2004-05, 2005-06, and 2006-07, CVWD pumped in excess of its adjudication without obtaining permission from the Watermaster. The Watermaster did not grant CVWD permission to over-pump because Glendale had expressed its intention to increase its production from the Verdugo Basin in the near future; CVWD and Glendale settled past over-pumping for Water Years 2004-05 and 2005-06. For the 2006-07 over-pumping, Glendale and CVWD have agreed to the terms of a settlement as of April 2011, and the matter was resolved in early -2012.

From its initial detection in 2005, groundwater pumped by the 12 wells in CVWD's service area has encountered MTBE concentrations ranging approximately between 0.22 µg/L and 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 the 2010-11 water year, the task force met one time.

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 steadily decreased since then to a low of 0.25 µg/L in July 2010.

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.

City of Glendale - 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.

In 2010-11, the City completed the rehabilitation of its Foothill Well and constructed its new Rockhaven Well in the Montrose area of the basin 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 well, the Rockhaven Well will remain off-line until a final treatment alternative for nitrate has been selected.

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

Note:

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

TABLE 3-1A: HISTORIC AND PROJECTED GROUNDWATER EXTRACTIONS 2011-12

(Acre-feet)

Party/Well Field	2011			2012									Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
						SAN FERNANDO BASIN							
City of Los Angeles													
Aeration (NHOU)	118	111	137	108	121	68	36	108	104	126	126	122	1,285
Erwin	322	164	0	0	0	129	0	0	0	0	185	0	800
North Hollywood	1,551	348	6	0	0	62	0	615	1,012	431	1,292	0	5,317
Pollock	0	314	347	363	339	308	0	0	0	0	185	179	2,035
Rinaldi-Toluca	0	325	0	0	0	929	905	1,722	1,667	1,722	1,722	1,488	10,480
Tujunga	2,740	1,261	2,013	1,907	3,205	0	0	1,169	1,131	1,169	1,169	1,131	16,895
Verdugo	434	209	0	0	0	80	0	0	0	0	228	0	951
Whitnall	196	93	0	0	0	68	0	0	0	0	431	0	788
SUB TOTAL City of Los Angeles:	5,361	2,825	2,503	2,378	3,665	1,644	941	3,614	3,914	3,448	5,338	2,920	38,551
City of Burbank[A]	783	760	787	779	857	857	857	857	857	857	857	857	9,961
City of Glendale[B]	715	670	629	694	535	711	698	698	698	698	698	698	8,140
TOTAL San Fernando Basin:	**6,859**	**4,255**	**3,919**	**3,851**	**5,057**	**3,211**	**2,495**	**5,168**	**5,468**	**5,002**	**6,892**	**4,474**	**56,652**
						SYLMAR BASIN							
City of Los Angeles	0	164	0	185	0	0	0	0	0	0	0	0	349
City of San Fernando	275	222	233	244	219	273	230	291	291	291	291	291	3,150
TOTAL Sylmar Basin:	**275**	**386**	**233**	**429**	**219**	**273**	**230**	**291**	**291**	**291**	**291**	**291**	**3,499**
						VERDUGO BASIN							
Crescenta Valley Water Dist.	247	218	249	251	232	248	251	260	289	289	289	289	3,111
City of Glendale	188	175	150	144	162	185	177	177	177	177	177	177	2,068
TOTAL Verdugo Basin:	**435**	**393**	**399**	**395**	**394**	**433**	**428**	**437**	**466**	**466**	**466**	**466**	**5,179**
ULARA TOTAL:	**7,569**	**5,034**	**4,551**	**4,675**	**5,670**	**3,917**	**3,154**	**5,896**	**6,225**	**5,759**	**7,649**	**5,231**	**65,330**

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	1979-2011[A]	2006-2011[B]	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Aeration (NHOU)	-	1,067	1,285	1,937	1,937	1,937	4,923
Erwin	-	1,418	800	0	0	0	0
North Hollywood	-	13,854	5,317	2,967	1,567	1,211	0
Pollock	-	2,550	2,035	2,178	2,178	2,178	2,178
Rinaldi-Toluca	-	17,728	10,480	4,451	2,350	0	0
Tujunga	-	14,949	16,895	15,674	15,674	15,674	15,674
Verdugo	-	1,749	951	2,687	2,553	0	0
Whitnall	-	3,298	788	5,106	1,741	0	0
SUBTOTAL City of Los Angeles	74,683	56,613	38,551	35,000	28,000	21,000	22,775
City of Burbank[C]	5,709	9,765	9,961	11,009	10,909	10,909	10,909
City of Glendale[D]	3,861	7,873	8,140	7,760	7,760	7,760	7,760
TOTAL San Fernando Basin:	**84,253**	**74,252**	**56,652**	**53,769**	**46,669**	**39,669**	**41,444**
SYLMAR BASIN							
City of Los Angeles	2,768	2,258	349	1,400	1,300	4,500	4,500
City of San Fernando	3,100	3,252	3,150	3,150	3,100	3,100	3,100
TOTAL Sylmar Basin:	**5,868**	**5,510**	**3,499**	**4,550**	**4,400**	**7,600**	**7,600**
VERDUGO BASIN							
Crescenta Valley Water District	2,845	3,108	3,111	3,245	3,294	3,294	3,294
City of Glendale	2,270	2,621	2,068	2,500	3,025	3,856	3,856
TOTAL Verdugo Basin:	**5,115**	**5,729**	**5,179**	**5,745**	**6,319**	**7,150**	**7,150**
TOTAL ULARA:	95,236	85,491	65,330	64,064	57,388	54,419	56,194

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 previous report dated July 2011, this 5-year average did not include physical solution pumping.

C. Includes BOU. Valhalla pumping not included in projections after 2012-13. Vallhalla is expected to be using recycled water in lieu of puming beginning sometime during the 2012-13 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 2010-11. As seen on Table 4-1, an approximate total of 340,071 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 2011-12 through 2015-16; this table excludes data from the Lockheed Aqua Detox facility that ceased operations at the end of 1993-94 (refer to Table 4-1). As shown on Table 4-2, the Parties report that an approximate total of 194,559 AF are projected to be treated at their existing treatment facilities.

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	7,300	410	1,285	2,035	16,895	37,973
2010-11	4		10,394	7,473	592	1,150	3,127	12,200	34,940
Total AF	**15,292**	**4,815**	**140,970**	**79,488**	**17,578**	**27,856**	**24,978**	**29,095**	**340,071**

NOTE: Corrections were made herein to reported totals for the Burbank OU, the Burbank GAC, and CVWD's Glenwood Nitrate Removal Plant for the 2009-10 water year.

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
2011-12	0	9,581	7,300	485	1,285	2,035	16,895	37,581
2012-13	0	10,909	7,300	500	1,937	2,178	15,674	38,498
2013-14	0	10,909	7,300	500	1,937	2,178	15,674	38,498
2014-15	0	10,909	7,300	500	1,937	2,178	15,674	38,498
2015-16	0	10,909	7,300	500	4,923	2,178	15,674	41,484
TOTAL	**0**	**53,217**	**36,500**	**2,485**	**12,019**	**10,747**	**79,591**	**194,559**

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 in March and April 2010; these facilities have been 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 United States Environmental Protection Agency (USEPA) and Lockheed-Martin, continued with design improvements and operational changes to make the facility mechanically more reliable. During the 2010-11 Water Year, a total of 10,394 AF of groundwater was treated at the BOU, an increase of about 350 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 2010-11 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 (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 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

Pollock Wells Treatment Plant, with a design capacity of 3,000 gpm, began operating in March 1999. This project is owned, operated, and funded by the City of Los Angeles. Wells that pump to the Pollock Wells Treatment Plant help 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. 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 project restores the use of two of Los Angeles' 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. During the current water year nearly 12,200 AF of groundwater have pumped and treated for VOC removal to date.

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 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. During the 2010-11 Water year, the plant was in operation during ten (10) months of the year. CVWD replaced the ion-exchange resin in August and September 2011 while the plant was shut down for annual maintenance.

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; the new Rockhaven Well has been off-line, however, since its construction due to elevated nitrate concentrations. The basic purposes of these two wells were to increase the extraction capacity and obtain the 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 in the project planning stage to construct three new water wells at its Mission Wellfield in the Sylmar Basin. Phase 1 of this project has been completed, and it involved the replacement of an existing water storage tank and related control systems. Preparation for Phase 2 is underway, allowing for the drilling and construction of three offsite groundwater monitoring wells to investigate the contamination affecting the wellfield. Under Phase 3, LADWP will construct three new water-supply wells, destroy two deteriorated/older water wells, and construct

additionally-required infrastructure. Los Angeles is also studying the feasibility to install wellhead treatment to help expedite its use of groundwater from this basin.

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 complex will greatly reduce Los Angeles' reliance on imported water and 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 contaminated site typically has groundwater monitoring wells and some have extraction wells and treatment facilities.

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.

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. All groundwater that is discharged from such temporary dewatering operations is required to be accounted for by the Watermaster, and the annual groundwater withdrawals by these dewatering activities are deducted from the local water right holder.

Permanent Dewatering Operations

Some facilities along the southern and western limits 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. Although the volume produced by each pumper is probably small, the cumulative effect may be significant. 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 11,187 AF of water in the Pacoima spreading grounds in the 2010-11 Water Year and, to date in this 2011-12 Water Year, Burbank has spread nearly 1,261 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. 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. The project design may be completed by Fall 2013 and construction is scheduled to begin late-2013.

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 2011-12 Water Year. An estimated 14,385 AF of native

runoff and imported water are projected to be spread, in Water Year 2011-12. This represents a decrease when compared to both the long-term (1968-2011) average of 31,359 AF and the past five-year (2006-2011) average of 33,914 AF. This also represents a large decrease when compared to the 90,015 AF spread in the 2010-11 Water Year.

TABLE 5-1A RECENT AND PROJECTED SPREADING OPERATIONS 2010-11

(Acre-feet)

Month	Basin Operator					Total
	LACDPW				LACDPW and LADWP	
	Branford	Hansen	Lopez	Pacoima[A,B]	Tujunga[A]	
Actual						
Oct-11	65	1,100	0	2,501	0	3,666
Nov-11	98	1,200	0	124	0	1,422
Dec-11	61	1,070	0	66	0	1,197
Jan-12	73	1,070	64	224	9	1,440
Feb-12	22	986	40	234	0	1,282
Mar-12	84	1,080	0	288	71	1,523
Projected						
Apr-12	56	718	1	761	24	1,560
May-12	30	620	0	0	0	650
Jun-12	25	480	0	0	0	505
Jul-12	20	480	0	0	0	500
Aug-12	15	310	0	0	0	325
Sep-12	15	300	0	0	0	315
TOTAL	564	9,414	105	4,198	104	14,385
2006-2011 Average	606	10,421	975	10,383	11,529	33,914
1968-2011 Average	552	14,023	600	7,186	8,998	31,359

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 San Fernando Basin is projected to be about 18 inches for 2011-12 compared to the long-term average of 18.09 inches per year; the previous five-year average was 14.93 inches per year.

TABLE 5-1B HISTORICAL PRECIPITATION ON THE VALLEY FILL

(Inches per year)

1968-11	2006-11	2006-07*	2007-08	2008-09	2009-10	2010-11	2011-12**
18.09	14.93	4.39	15.10	11.64	19.08	24.44	18.07

* Historic Low

** 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. Stormwater Recharge Capacity Enhancements

Background Information

During the 1997-98 Water Year, weighted-average precipitation in the valley-fill and hill-and-mountain areas in ULARA was approximately 225 percent 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.

Projects

- Hansen Spreading Grounds

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, Los Angeles Bureau of Sanitation, and Los Angeles Bureau of Engineering recently completed 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 substantially completed in 2009 and the three agencies will conduct an evaluation during the next 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 full 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 now 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

The 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 its 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, will greatly enhance 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 Los Angeles County Flood Control District (LACFCD), the 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 recharge projects such as 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 San Fernando Basin near the intersection of San Fernando Road and the Simi Valley Freeway (118 Freeway). This area is located 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. This suspected source, known as the Chase Chemical (formerly Holchem) site, is under the regulatory jurisdiction of the California Department of Toxic Substances Control (DTSC). Currently a soil vapor extraction system is in operation at the site and a few groundwater monitoring wells have been constructed both onsite and offsite. The immediate remedial goal is to remove the VOCs from the soil, and eventually from the groundwater.

Another facility in the area, the Black & Decker (formerly Price-Pfister) site, is under the regulatory jurisdiction of the LARWQCB. The LARWQCB has reviewed and responded to a Work Plan submitted by Black & Decker in March 2007 for additional groundwater investigation to help delineate the extent of the chromium groundwater plume at/near the site. Due to the close proximity of the Chase Chemical and the Black & Decker sites, DTSC and LARWQCB are coordinating their oversight efforts. The LARWQCB is currently evaluating groundwater monitoring data to implement a Remedial Action Plan.

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 findings in December 2002. After this 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 has issued Cleanup and Abatement Orders to several sites, including 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 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 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 within the SFB by the Parties.

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 may 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 water 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 the Tujunga wellfield. The site-specific soil vapor results indicate low levels of PCE at five of the six sites investigated. In January and March of 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. Nineteen borings were drilled and thirty soil samples were analyzed. However, TCE was not detected in any of these soils samples. One sample contained some chlorinated compounds. However, sample results were deemed inconclusive due to the detection of acetone and 2-butanone in certain samples.

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, locations of potential source facilities, and proximity to the Tujunga wellfield. Drilling for the pilot borehole for the first of these new monitoring wells (TJ-MW-06, which is located closest to the wellfield) was initiated in April 2012, and its completion is scheduled for July 2012. Planning is underway to begin drilling at two other nearby locations in August through December 2012.

Groundwater System Improvement Study (GSIS)

In February 2009, LADWP began a six-year, $24 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 recover the full use of its groundwater supply from this basin. The construction of monitoring well TJ-MW-06 near Tujunga Wellfield is the first of an overall program to construct a network of 26 monitoring wells within the capture zone of thee major wellfields. This network of new monitoring wells, along with other existing wells in nearby areas, will provide vital 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 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 2011-12 through 2015-16 Pumping and Spreading Plans" 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, 2016.

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 San Fernando Basin; recharge occurs 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 City of Los Angeles, the City of Burbank, the City of Glendale, and other individual pumpers. Both tables

show projected values for the five-year study, from Fall 2011 to Fall 2016, as well as any actual values that have been reported for the first half of the 2011-12 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 model. The projections for 2011-16 include the actual amounts reported for the first half of this Water Year. 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 2012 through 2014. 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 five-year study.

The volumes for all groundwater extractions shown on Table 7-1B and used as model inputs were obtained from the "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 appendices 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 to be contained within each layer.

The initial head values (groundwater elevations) were derived from the actual data from Water Year of 2010-11, and these values set the initial conditions for model analysis for the next five-year period. These initial conditions reflect the increased in simulated groundwater elevations observed in most areas of the SFB resulting from decreased pumping, increased artificial recharge in the spreading grounds, and decreased precipitation as compared to that in 2009-10 Water Year.

At the close of every Water Year, the 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 and incorporates actual data from as early as 1981.

Table 7-1
MODEL INPUT
San Fernando Basin Recharge & Extractions
2011-2016

Table 7-1A

Projected San Fernando Basin Recharge 2011-16

WATER YEAR	RAINFALL (IN/Y)		SAN FERNANDO BASIN RECHARGE (AF/Y)																
			PERCOLATION			H&M (A)	SPREADING GROUNDS								SUBSURFACE INFLOW				TOTAL RECHARGE
										PACOIMA			TUJUNGA (D)	SUB - TOTAL					
	VALLEY	HILL & MTN	VALLEY FILL	RETURN WATER	SUB TOTAL	HILL & MTN	BRANFORD	HANSEN (B) (NATIVE)	LOPEZ	PACOIMA (NATIVE)	PACOIMA (C) (MWD)	PACOIMA (TOTAL)			PACOIMA NOTCH (E)	SYLMAR NOTCH (E)	VERDUGO BASIN	SUB - TOTAL	
2011-12	9.27	11.52	6,440	46,634	53,074	1,968	564	9,414	105	2,937	1,261	4,198	104	14,385	117	133	70	320	69,747
2011-13	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
2011-14	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
2011-15	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
2011-16	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 2011-16

WATER YEAR	SAN FERNANDO BASIN EXTRACTIONS (AF/Y)																		
	LADWP											BURBANK			GLENDALE			OTHERS		
	AE	ER	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
2011-12	-1,008	-800	0	-5,317	0	-2,035	-10,480	-16,895	-951	-788	-38,274	0	-9,581	-380	-51	-4,998	-2,691	-962	-400	-57,337
2011-13	-1,285	0	0	-2,967	0	-2,178	-4,451	-15,674	-2,687	-5,106	-34,348	0	-10,909	0	-60	-4,745	-2,555	-962	-400	-53,979
2011-14	-1,937	0	0	-1,567	0	-2,178	-2,350	-15,674	-2,553	-1,741	-28,000	0	-10,909	0	-60	-4,745	-2,555	-962	-400	-47,631
2011-15	-1,937	0	0	-1,211	0	-2,178	0	-15,674	0	0	-21,000	0	-10,909	0	-60	-4,745	-2,555	-962	-400	-40,631
2011-16	-1,937	0	0	0	0	-2,178	0	-15,674	0	0	-19,789	0	-10,909	0	-60	-4,745	-2,555	-962	-400	-39,420

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 a total of 6,200 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 2011-13 for modifications to increase storage

(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 t 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 2011-2016), each lasting 365 days, MODFLOW generated various numerical data, including the 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 2016 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 2011 to Fall 2016 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 2016 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, 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 2016.

D. Evaluation of Model Results

Plate 1: Simulated Groundwater Elevation Contours, Model Layer 1 – Fall 2016

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. The extractions by this facility occur primarily from Layer 1, although Layer 2 does provide some recharge to Layer 1. Burbank has projected pumping of about 10,909 AF/Y from its BOU for the period from Fall 2011 to Fall 2016. The radius of influence extends as far as 2,100 feet in the downgradient (southeasterly) direction. The upgradient radius of influence is usually larger 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 2016

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 from model Layers 2, 3 and 4.

Plate 3: Change in Groundwater Elevations, Model Layer 1 – Fall 2011 to Fall 2016

In general, the model simulation showed an increase in groundwater elevations in most areas of the basin, 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 19,789 AF during Water Year 2015-16 (See Table 7-1G). While Los Angeles' pumping would likely be reduced in response to water quality concerns such as detection of elevated concentrations of contamination 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 these 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 244,493 AF, cumulatively. The items below provide a more detailed review of Plate 3.

- The area in the vicinity of Tujunga Spreading Grounds (TSG) shows an increase in simulated groundwater elevations of about 33 feet, as a result of resumed spreading activities at TSG in 2015 and reduced pumping at the nearby Tujunga wellfield.
- The area in the vicinity of Hansen Spreading Grounds (HSG) shows an increase in simulated groundwater elevation of about 38 feet.
- The increase in simulated groundwater elevations from 2011 to 2016 in the vicinity of Pacoima Spreading Grounds (PSG) 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 38 and 43 ft, respectively. This simulated rebound in groundwater elevations in areas near these wellfields would result from the proposed reduced pumping anticipated by the City of Los Angeles.

- Groundwater elevations near the Erwin, Whitnall and Verdugo wellfields were simulated to increase by 23 to 38 ft, due to the reduction in projected pumping from these wellfields between 2011 and 2016.
- The simulated groundwater level near the Burbank OU showed an expected increase by about 28 feet, whereas the groundwater elevations near the Glendale North OU were projected to increase by 3 feet from 2011 to 2016.

Plate 4: Change in Groundwater Elevations, Model Layer 2 – Fall 2011 to Fall 2016

- Similar to Model Layer 1, Plate 4 illustrates much of the same substantial increases in simulated groundwater elevations in Model Layer 2 which would also result from the reduced pumping anticipated by Los Angeles as well as the increased recharge activity at the spreading basins.
- The model simulated an increase in groundwater elevations by 38 to 43 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 18 to 38 feet. The model also simulated a rebound in the groundwater elevations by about 28 feet in the area upgradient of the Tujunga wellfield.

Plate 5: Simulated Groundwater Flow Directions, Model Layer 1 – Fall 2016

- Plate 5 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 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 has 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 the pumping at the BOU.

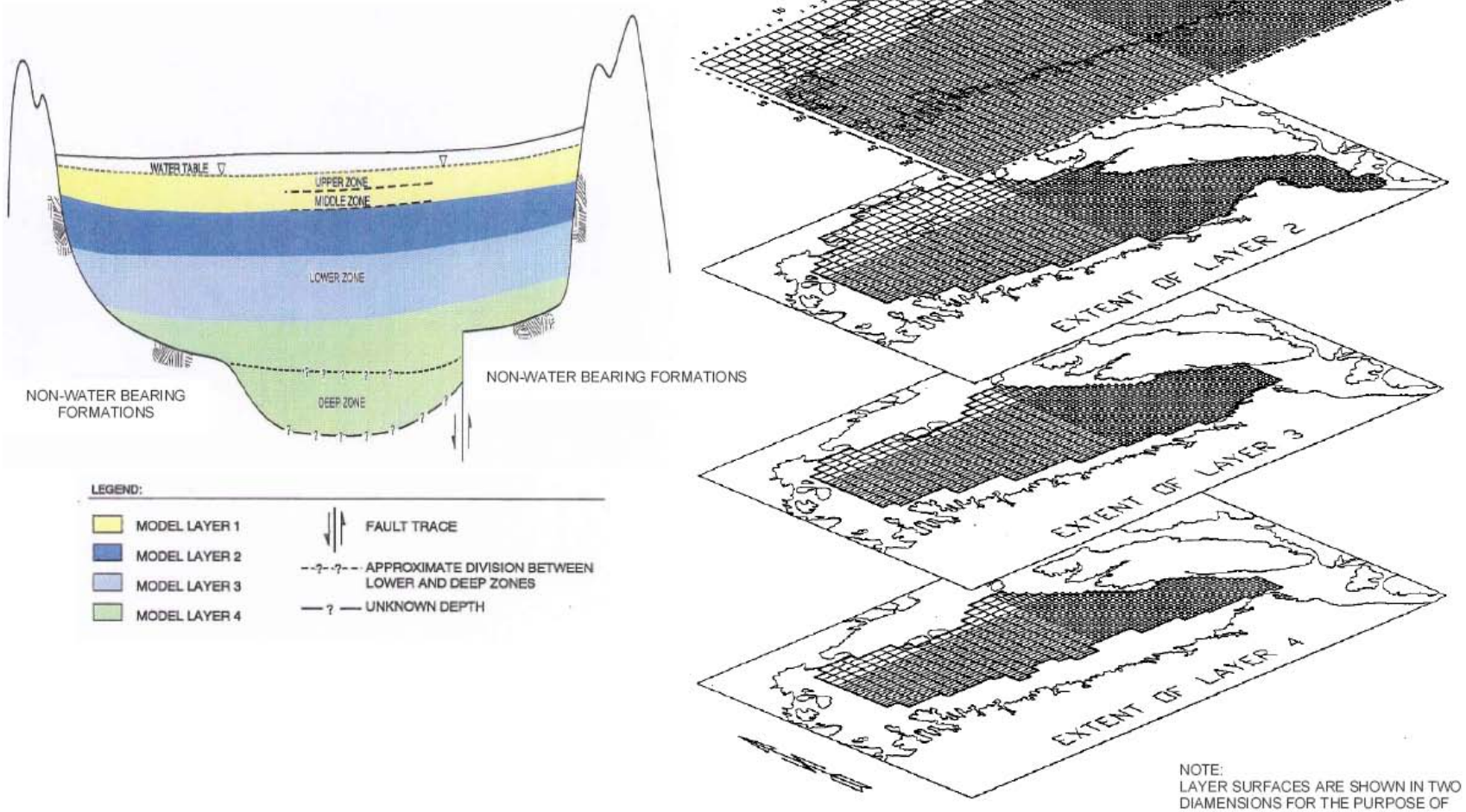
Plate 6: Simulated Groundwater Flow Directions, Model Layer 2 – Fall 2016

- 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 2016

- 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 2016. 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 slows the natural 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 also capture the plume upgradient from but within the radius of influence of these wells.
- Pumping by the Pollock wells (2,178 AF/Y) appears to have little effect on Layer 1 because approximately 75 percent of the pumping by this facility extracts 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 NO_3.
- Plate 10 (Total Dissolved Chromium) indicates that Layer 1 extractions by wells in the NHOU, BOU, and the north and south GOUs, and Pollock Wells may 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 cities (Burbank, Glendale and Los Angeles) will help to limit the future pumping of Stored Water Credits in the SFB. As part of the Stipulated Agreement, the first re-evaluation of the safe yield of the SFB since 1964-65 was initiated by a consulting engineering firm selected by the Administrative Committee in late-2008. Importantly, although that Draft report by that consultant will not be finalized, the 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 is investigating 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 non-contaminated groundwater from the San Fernando Basin. The various contaminant plumes continue to be large and to migrate, despite years of pumping 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 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. Testing of the 9,000 gpm design capacity has also been performed which may lead to the deflation of the packers in some/all BOU wells.

The Watermaster is also aware of the rising trends in and/or recent detections of chromium in several production wells in the eastern portion of the SFB. As of this date, 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 the Chromium Removal Demonstration Facilities.

Another ongoing concern of this Watermaster is that MTBE is that MTBE is still present in certain CVWD municipal-supply water wells in the 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.

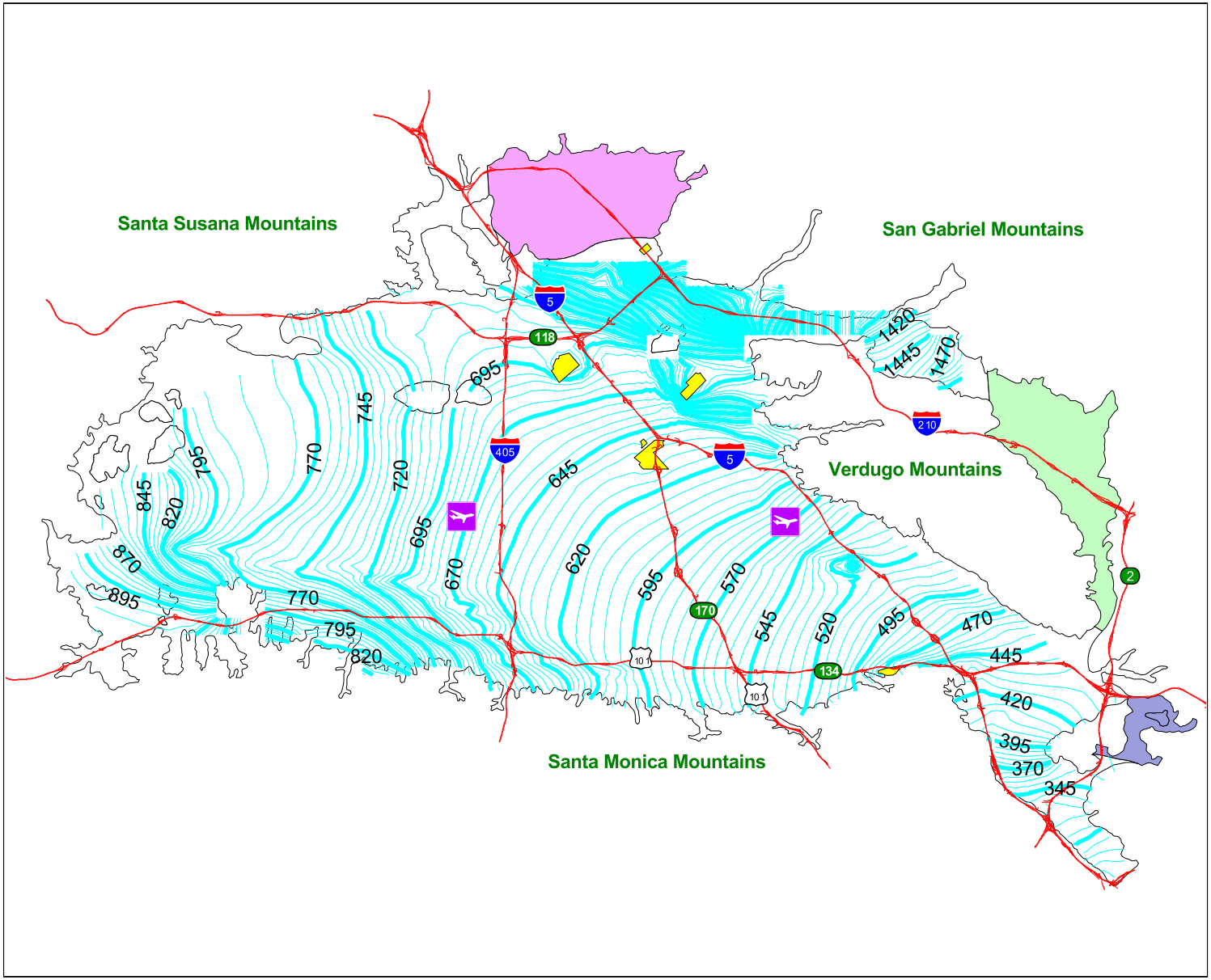
Due to the geologic conditions in the Verdugo Basin and the presence of local bedrock constrictions, groundwater tends to rise to ground surface near the Verdugo Wash Narrows and leaves the basin as surface outflow. Glendale is currently unable to pump its full right from the Verdugo Basin, but by rehabilitating 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 unprecedented challenges to both water quality and quantity 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 possible constraints to the direct recharge of treated recycled water into injection wells that could be located near or east of the 405 Freeway.

PLATES

PLATE 1

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011- 2016 Water Years



LEGEND

- Groundwater Contour
- Spreading Grounds
- Airport

Groundwater Basins

- San Fernando
- Sylmar
- Verdugo
- Eagle Rock

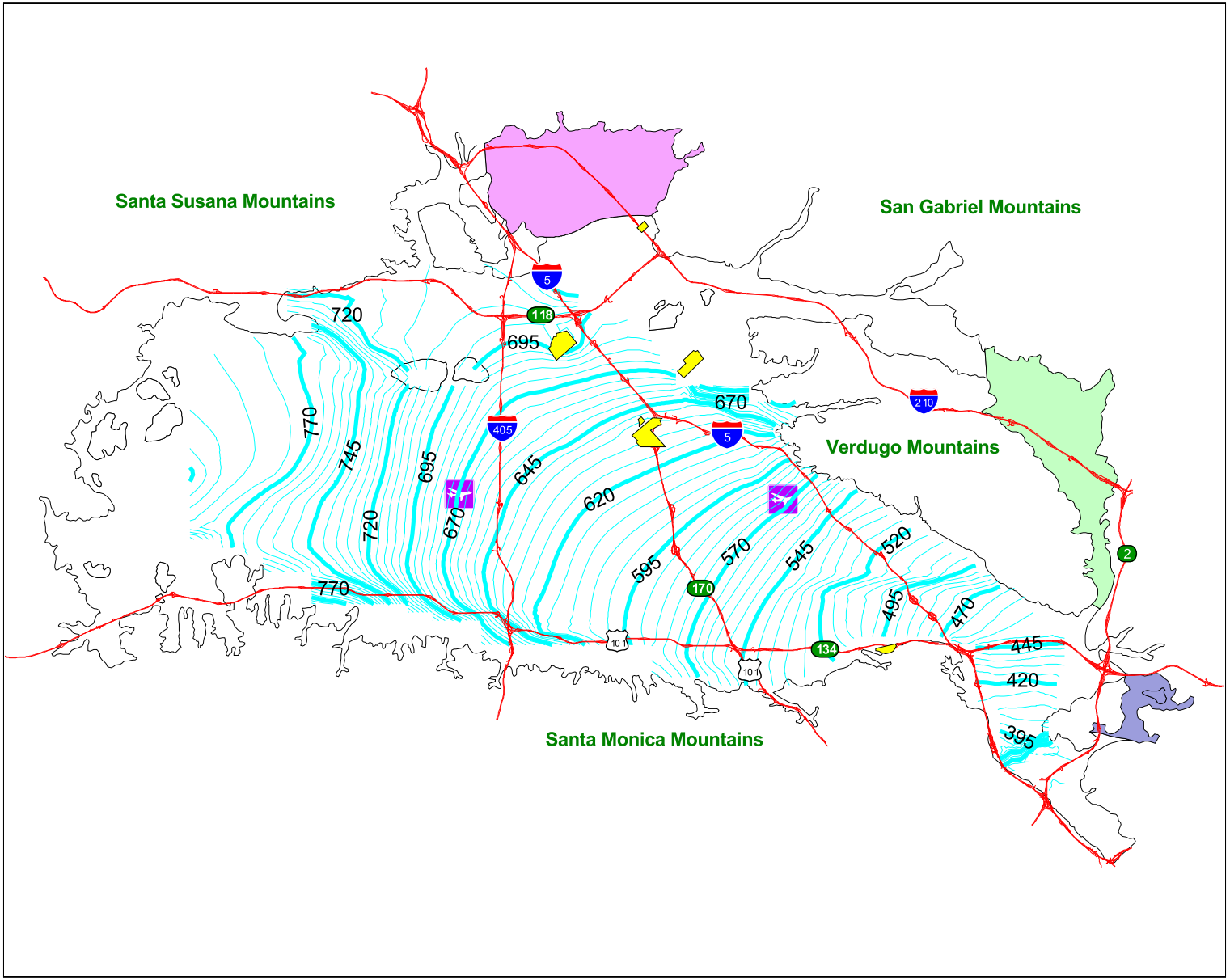
N

2 0 2 Miles

Simulated Groundwater Contours - Model Layer 1
FALL 2016

PLATE 2

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011 - 2016 Water Years



Simulated Groundwater Contours - Model Layer 2
FALL 2016

LEGEND

- Groundwater Contour
- Spreading Grounds
- Airport

Groundwater Basins

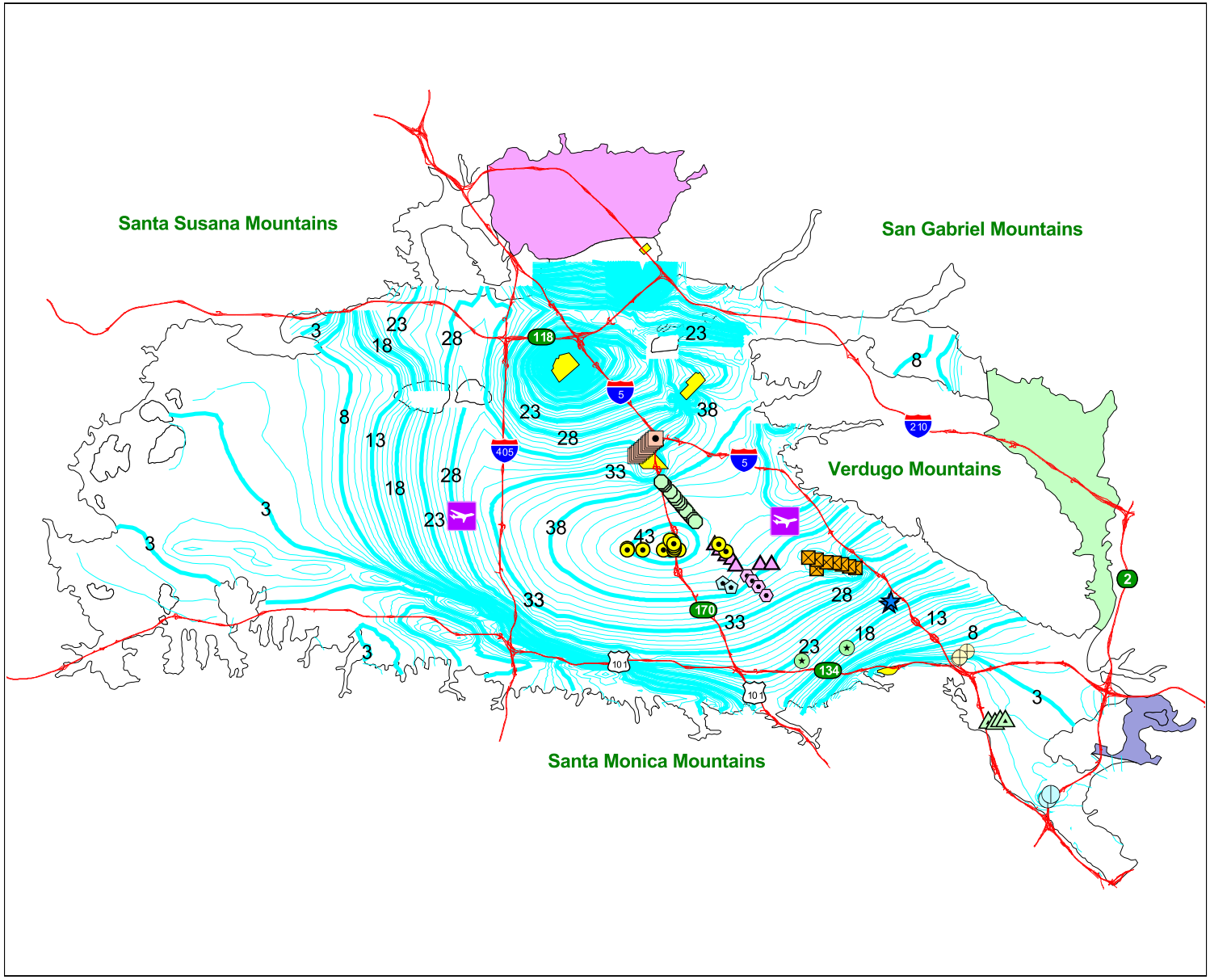
- San Fernando
- Sylmar
- Verdugo
- Eagle Rock

N

2 0 2 Miles

PLATE 3

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011 - 2016 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

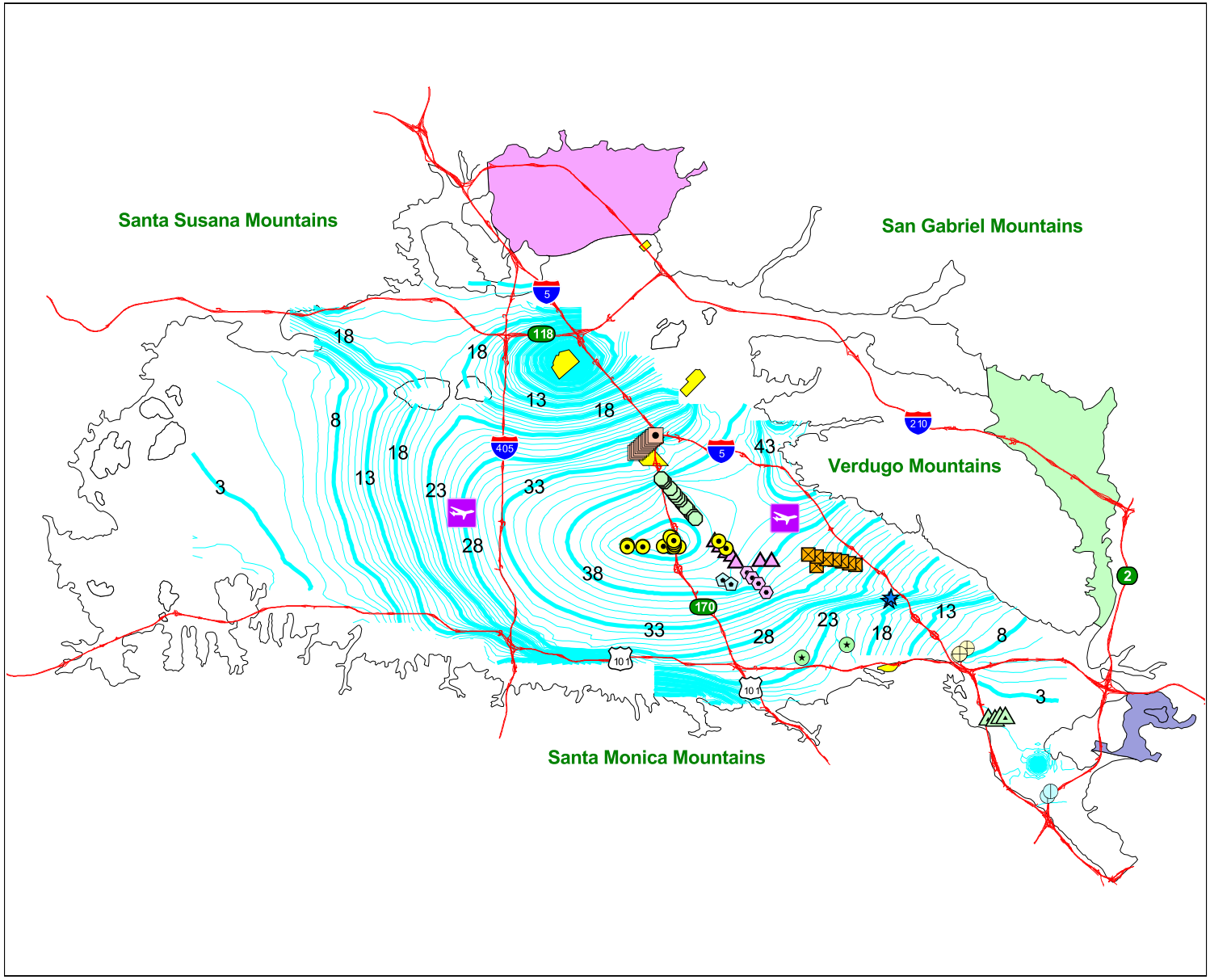
N

2 0 2 Miles

Simulated Change in Groundwater Elevation - Model Layer 1
Fall 2011 - Fall 2016

PLATE 4

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011 - 2016 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

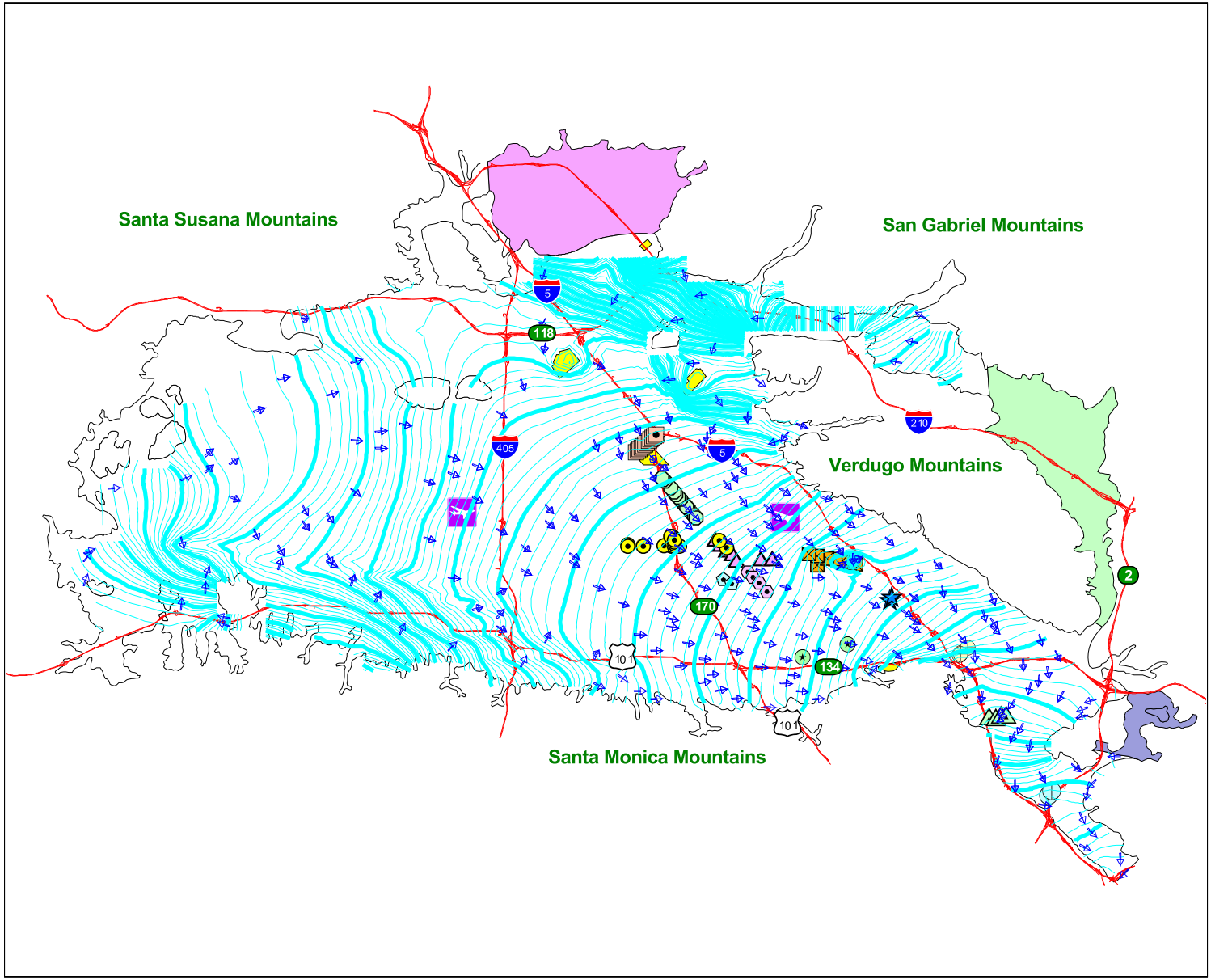
N

2 0 2 Miles

Simulated Change in Groundwater Elevation - Model Layer 2
Fall 2011 - Fall 2016

PLATE 5

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011- 2016 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

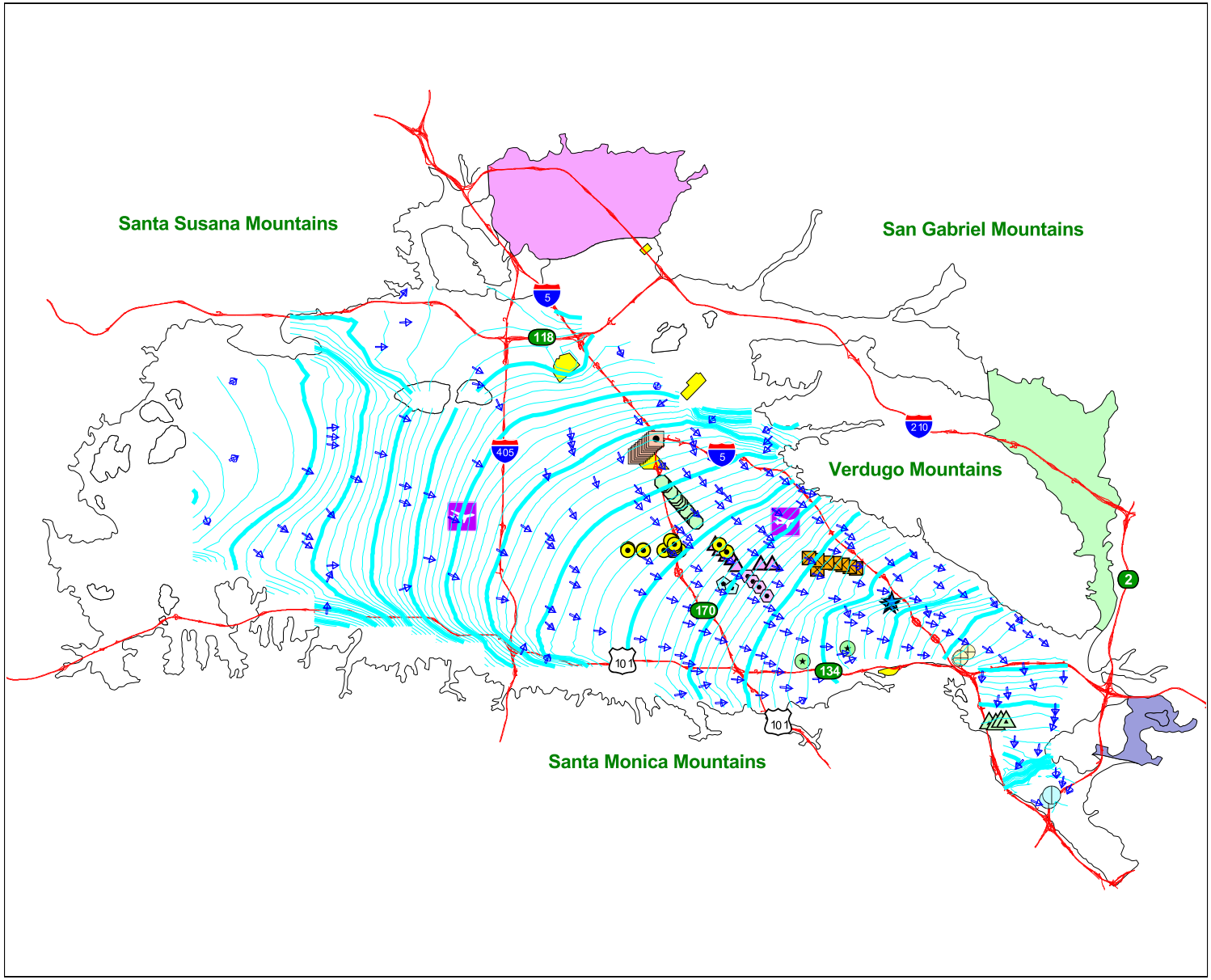
N

2 0 2 Miles

Simulated Groundwater Flow Direction - Model Layer 1
FALL 2016

PLATE 6

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011 - 2016 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 2
FALL 2016

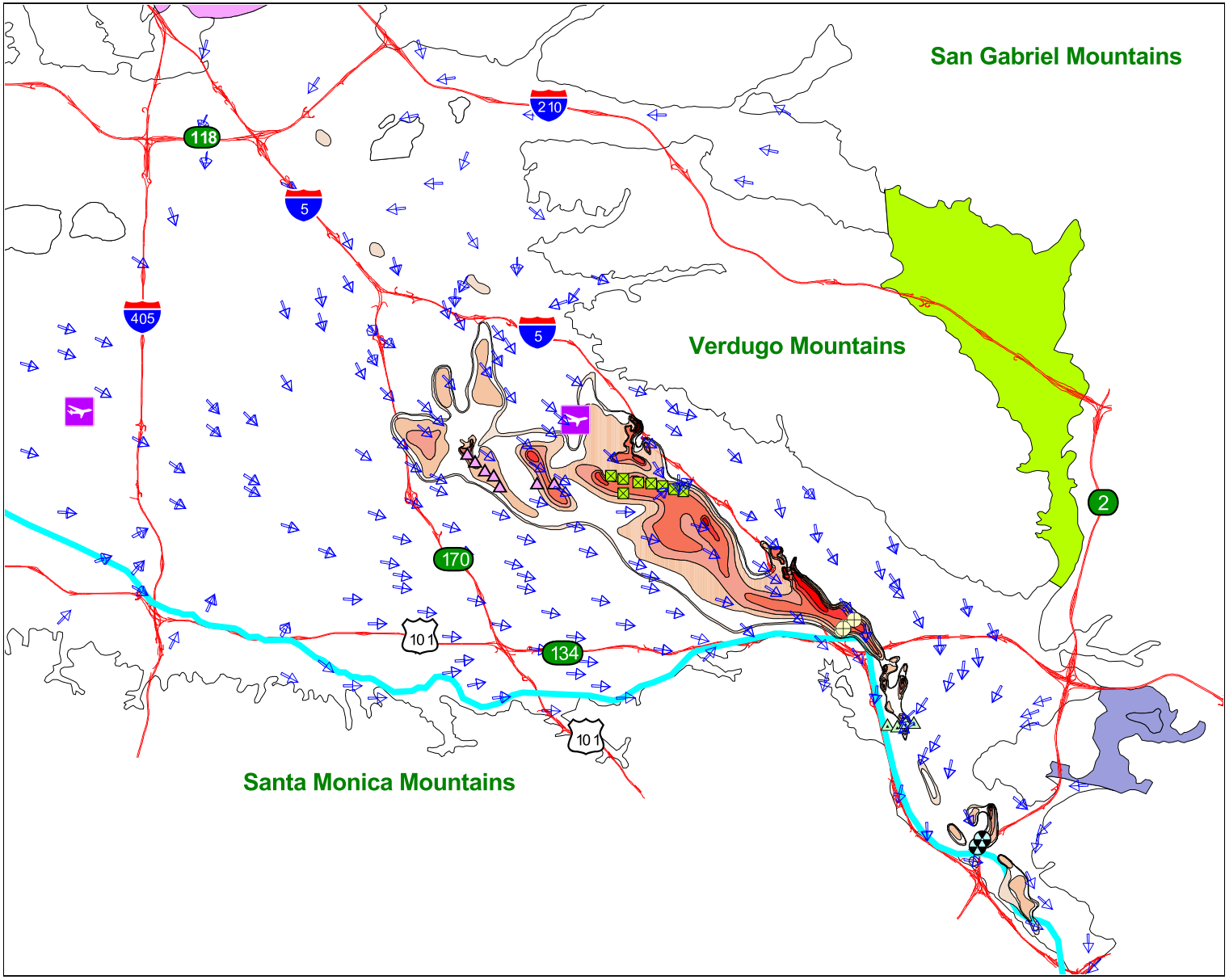


PLATE 7

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011 - 2016 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

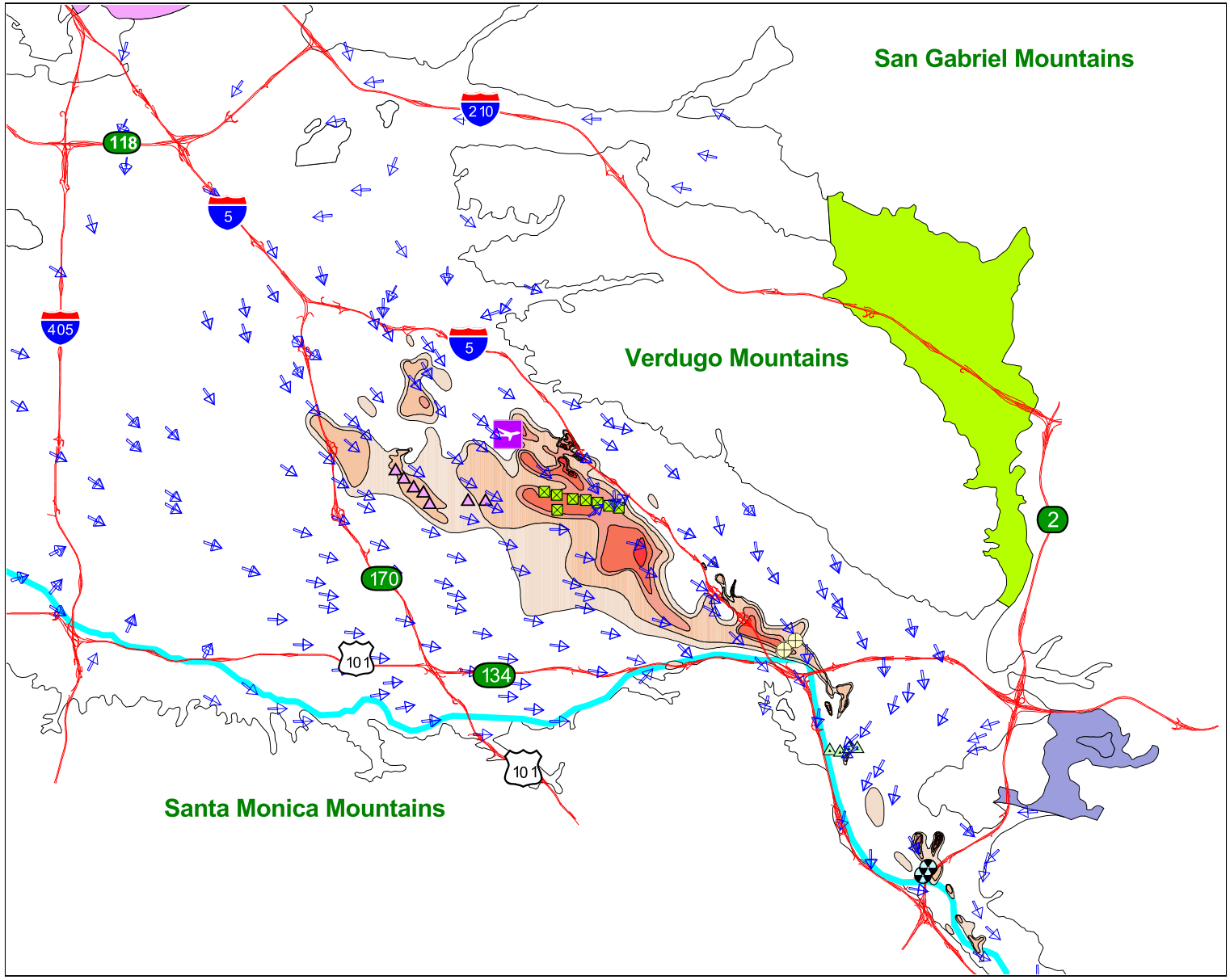
N

1 0 1 2 Miles

2010 TCE Contamination and 2016 Simulated Groundwater Flow Direction
Model Layer 1

PLATE 8

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011 - 2016 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

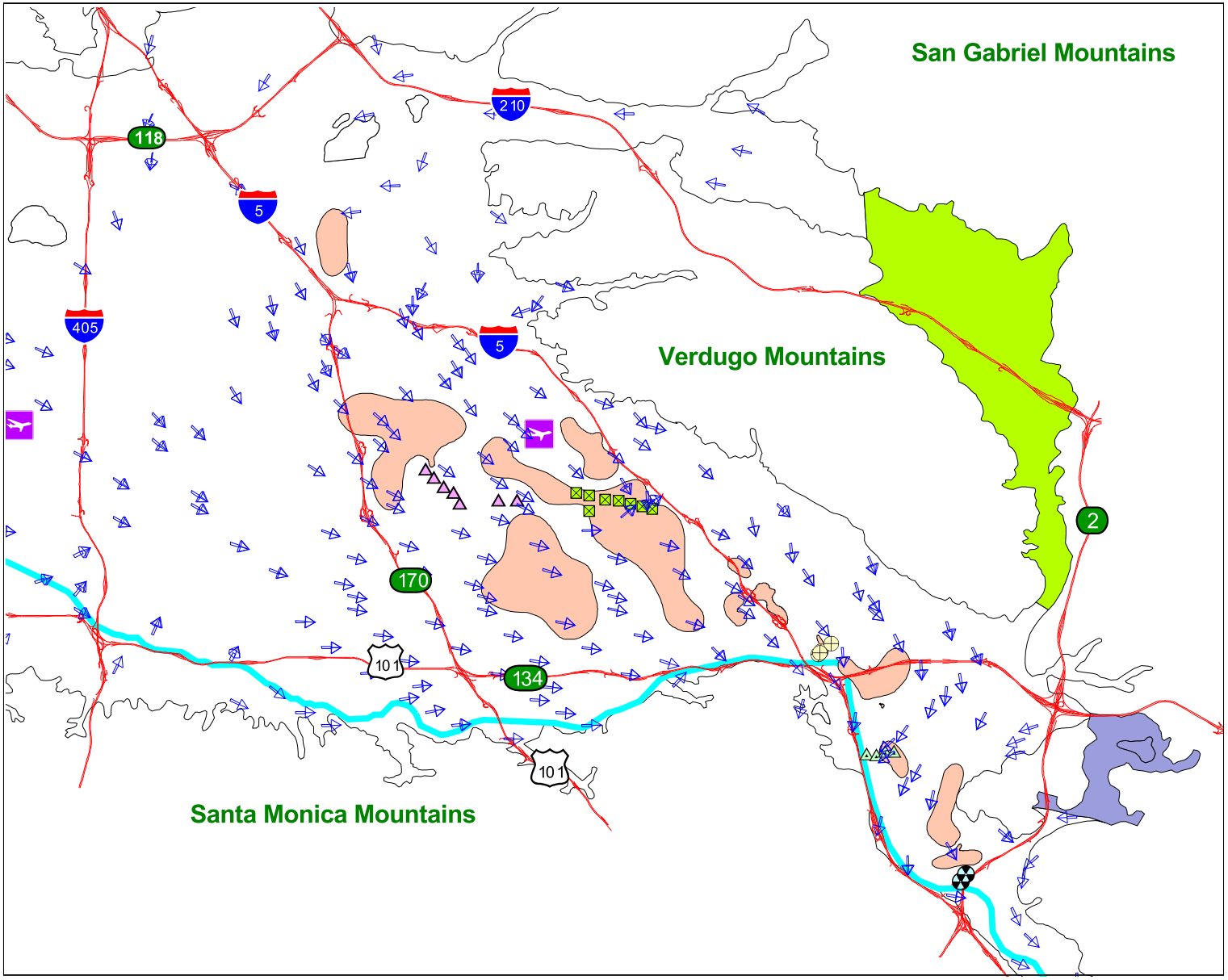
N

1 0 1 2 Miles

2010 PCE Contamination and 2016 Simulated Groundwater Flow Direction
Model Layer 1

PLATE 9

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011 - 2016 Water Years



LEGEND

- Burbank OU
- Glendale North OU
- Glendale South OU
- North Hollywood OU
- Pollock Wells
- NO3 Plume (Source: EPA)
- Groundwater Flow Direction
- Los Angeles River
- Airport

Groundwater Basins

- San Fernando
- Verdugo
- Eagle Rock

N

1 0 1 2 Miles

2010 Nitrate (as NO3) Contamination and 2016 Simulated Groundwater Flow Direction Model Layer 1

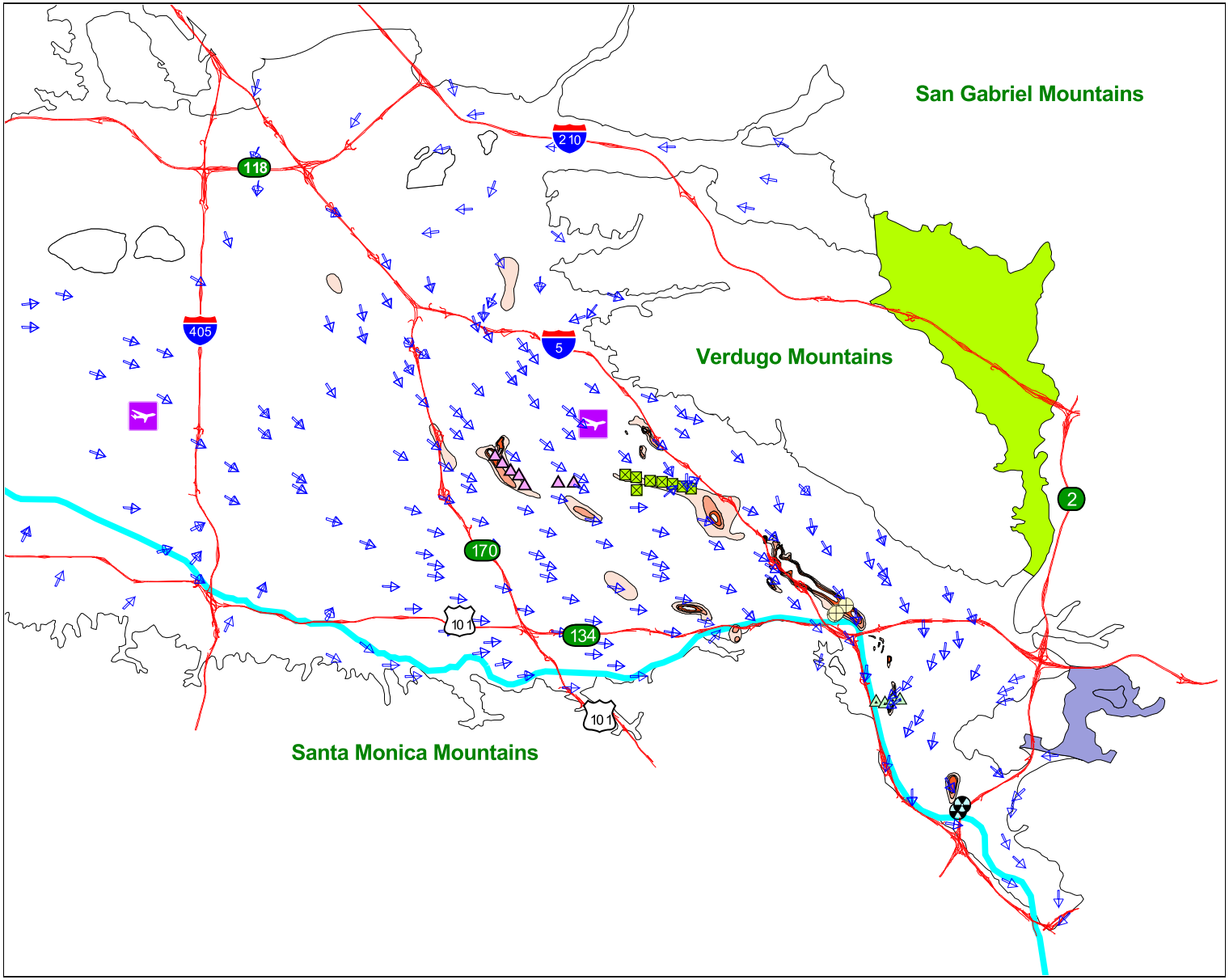


PLATE 10

Upper Los Angeles River Area
WATERMASTER
Pumping and Spreading Report
2011- 2016 Water Years

LEGEND

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

Total Chromium Plume (Source: EPA)

- 5 - 25 ug/L
- 25.01 - 50 ug/L
- > 50 ug/L
- Groundwater Flow Direction
- Los Angeles River
- Airport

Groundwater Basins

- San Fernando
- Verdugo
- Eagle Rock

N

1 0 1 2 Miles

2010 Total Dissolved Chromium Contamination and 2016 Simulated Groundwater Flow Direction
Model Layer 1

APPENDIX A

CITY OF LOS ANGELES

PUMPING AND SPREADING PLAN

2011-2016 Water Years

CITY OF LOS ANGELES
GROUNDWATER PUMPING AND SPREADING PLAN
IN THE UPPER LOS ANGELES RIVER AREA
FOR THE 2011-2016 WATER YEARS

MAY 2012

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 2012 report presents the five-year Groundwater Pumping and Spreading Plan for the Water Years 2011–2016 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 at these facilities is delivered to the water distribution system for consumption.

North Hollywood Groundwater Treatment Facility: This plant was placed into service in December 1989 to treat up to 2,000 gpm of groundwater to remove VOCs by using aeration with granular activated carbon (GAC) for off-gas treatment. This facility is a part of the North Hollywood Operable Unit (NHOU) that also includes a system of shallow wells. The NHOU is financed, in part, by the U.S. Environmental Protection Agency.

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 7,440 gpm of pumping capacity that were inoperable 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 2011-2016: 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 area; 2.) Local groundwater supply from the Central, San Fernando, and Sylmar Basins; 3.) Purchased water from the Metropolitan Water District of Southern California (MWD); and 4) Recycled water. The MWD sources of supply are the State Water Project and the Colorado River Aqueduct. Use of San Fernando Basin groundwater can fluctuate annually depending on the availability of imported water which varies due to climatic and operational constraints; the increasing levels of hexavalent chromium and other emerging chemicals; and the migration of volatile organic compounds that have spread beyond the sphere of influence created by the small capacity of the NHOU.

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 which comprise approximately 11% of the City's supply:

San Fernando Basin	87,000 AF
Sylmar Basin	3,570 AF[1]

1. Annual water right provided is pending final determination by the Watermaster and acceptance of the Superior Court Judge.

Table 2-1 shows the amount of groundwater extractions that are expected during the 2011-12 Water Year from the San Fernando and Sylmar Basins. Table 2-2 provides groundwater extraction projections from 2011 to 2016. These projections are based upon assumed demand and Los Angeles Aqueduct flows, and are subject to yearly adjustments.

TABLE 2-1

CITY OF LOS ANGELES
ACTUAL AND PROJECTED PUMPING FOR WY 2011-2012

San Fernando Basin		Actual Extraction (Acre-Feet)						Projected Extraction (Acre-Feet)					
	TOTAL	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
AERATION	1,285	118	111	137	108	121	68	36	108	104	126	126	122
ERWIN	800	322	164	0	0	0	129	0	0	0	0	185	0
HEADWORKS	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH HOLLYWOOD	5,317	1,551	348	6	0	0	62	0	615	1,012	431	1,292	0
POLLOCK	2,035	0	314	347	363	339	308	0	0	0	0	185	179
RINALDI-TOLUCA	10,480	0	325	0	0	0	929	905	1,722	1,667	1,722	1,722	1,488
TUJUNGA	16,895	2,740	1,261	2,013	1,907	3,205	0	0	1,169	1,131	1,169	1,169	1,131
VERDUGO	951	434	209	0	0	0	80	0	0	0	0	228	0
WHITNALL	788	196	93	0	0	0	68	0	0	0	0	431	0
SAN FERNANDO BASIN TOTAL:	38,551	5,361	2,825	2,503	2,378	3,665	1,644	941	3,614	3,914	3,448	5,338	2,920
Sylmar Basin													
MISSION	349	0	164	0	185	0	0	0	0	0	0	0	0
ULARA TOTAL:	38,900	5,361	2,989	2,503	2,563	3,665	1,644	941	3,614	3,914	3,448	5,338	2,920

TABLE 2-2
PROJECTED PUMPING BY THE CITY OF LOS ANGELES IN THE
SAN FERNANDO BASIN FOR 2011-2016
(IN ACRE-FEET)

WELL FIELD	2011-12	2012-13	2013-14	2014-15	2015-16
AERATION	1,285	1,937	1,937	1,937	4,923
ERWIN	800	0	0	0	0
HEADWORKS	0	0	0	0	0
NO HOLLYWOOD	5,317	2,967	1,567	1,211	0
POLLOCK	2,035	2,178	2,178	2,178	2,178
RINALDI-TOLUCA	10,480	4,451	2,350	0	0
TUJUNGA	16,895	15,674	15,674	15,674	15,674
VERDUGO	951	2,687	2,553	0	0
WHITNAL	788	5,106	1,741	0	0
TOTAL ACRE-FEET	38,551	35,000	28,000	21,000	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	349	1,400	1,300	4,500	4,500

b.) Spreading Projections for the 2011-12 Water Year: Native groundwater recharge from captured storm runoff occurs primarily as a result of the use of man-made spreading grounds. Spreading grounds operations are primarily controlled by the LACDPW. Table 2-3 represents the anticipated spreading volumes for 2011-12.

TABLE 2-3
ACTUAL AND PROJECTED SPREADING IN ULARA SPREADING GROUNDS 2011-12
(acre-feet)

Operated by:							
	LACDPW				LADWP	LACDPW and LADWP	Monthly Total
Month	Branford	Hansen	Lopez	Pacoima	Headworks (A)	Tujunga	
Actual							
Oct-11	65	1,100	0	1,282	0	0	2,447
Nov-11	98	1,200	0	124	0	0	1,422
Dec-11	61	1,070	0	66	0	0	1,197
Jan-12	73	1,070	64	224	0	9	1,440
Feb-12	22	986	40	192	0	0	1,240
Mar-12	84	1,080	0	288	0	71	1,523
Projected							
Apr-12	56	718	1	761	0	24	1,560
May-12	30	620	0	0	0	0	650
Jun-12	25	480	0	0	0	0	505
Jul-12	20	480	0	0	0	0	500
Aug-12	15	310	0	0	0	0	325
Sep-12	15	300	0	0	0	0	315
Total	564	9,414	105	2,937	0	104	13,124

(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 organic compounds analysis monitoring is performed four times a year for each well where organic 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 a recent report 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 in Los Angeles' San Fernando and Sylmar Basins wells.

Section 4: Groundwater Treatment Facilities Operations Summary

North Hollywood Operable Unit (NHOU): In February 2012, the NHOU facility was shutdown to allow for the installation of a 30-inch isolation valve on a nearby distribution trunk line. During this facility outage, leaks were observed on the 16-inch treated effluent discharge line (riveted steel, circa 1925), requiring the replacement of 18 linear feet of pipe. An additional facility outage was also necessary during this time to investigate failure of the temperature and humidity probe for the airstream heater emissions control unit. Several short-term outages occurred in January and April 2012, as a result of power bumps and equipment malfunction.

As of January 2009, Honeywell International, Inc. (Honeywell) began operating Well No. 2 for containment of a plume of hexavalent chromium. This extraction well was initially shutdown in 2007 by LADWP in response to detection of hexavalent chromium in concentrations exceeding 400 micrograms per liter. The effluent from Well No. 2 is now discharged into the sanitary sewer and will continue until Honeywell obtains approval from the California Department of Public Health for their 97-005 study of wellhead treatment facilities that will return use of this well for potable supply. During this interim condition, Honeywell provides replacement water to LADWP by reimbursing the full cost of imported water purchased in-lieu of the annual pumping capacity of Well No. 2.

TABLE 4-1A
GROUNDWATER PRODUCTION AND TREATMENT FROM NORTH HOLLYWOOD OU
(AERATION WELLS)

	Aeration Well No. (AF)							Total (AF)	Influent to Facility TCE/PCE	Effluent from Facility TCE/PCE
Mon/Yr	2*	3	4	5	6	7	8		(ug/L)	(ug/L)
Apr-11	0.00	1.01	2.07	0.00	26.35	7.30	29.91	66.64	30.5/7.82	ND/ND
May-11	0.00	1.08	11.02	0.00	36.87	40.56	41.94	131.47	17.3/5.92	ND/ND
Jun-11	0.00	11.73	14.37	0.00	44.33	50.67	51.88	172.98	24.3/7.40	ND/ND
Jul-11	0.00	7.16	10.35	0.00	31.04	34.32	34.00	116.87	26.8/8.51	ND/ND
Aug-11	0.00	8.45	11.48	0.00	32.39	36.27	37.28	125.87	27.3/8.04	ND/ND
Sep-11	0.00	12.19	17.17	0.00	48.44	54.66	55.99	188.45	24.1/7.66	ND/ND
Oct-11	2.18	15.38	42.61	0.00	14.53	42.61	43.32	160.63	21.5/5.86	ND/ND
Nov-11	0.00	10.10	15.13	0.00	0.00	43.39	42.52	111.14	26.9/5.93	ND/ND
Dec-11	0.00	8.91	14.23	0.00	35.15	40.29	38.48	137.06	20.5/5.83	ND/ND
Jan-12**	0.00	7.46	11.48	0.00	34.45	34.45	34.45	122.29	21.4/6.57	ND/ND
Feb-12**	0.00	1.77	2.72	0.00	8.16	8.16	8.16	28.97	23.0/5.12	ND/ND
Mar-12**	0.00	4.01	6.17	0.00	18.50	18.50	18.50	65.68	22.1/5.04	ND/ND

Note:
* Well is operated by Honeywell International, Inc., for hexavalent chromium plume containment.
** Numbers are estimated. Actual numbers will be revised as it becomes available.
ND: Not Detected
NS: No Sample

Pollock Wells Treatment Plant (PWTP): PWTF was shut down to replace the spent granular activated carbon (GAC) with virgin GAC from September to November 2011 and March to May 2012. PWTF was also shut down from November 30 to December 2, 2011 due to a power bump.

TABLE 4-1B
GROUNDWATER PRODUCTION AND TREATMENT FROM POLLOCK WELLS

	Pollock Well No. (AF)		Influent to Facility TCE/PCE	Effluent from Facility TCE/PCE
Mon/Yr	4	6	(ug/L)	(ug/L)
Apr-11	26.42	22.70	7.06/5.82	-
May-11	272.53	172.70	3.41/2.38	-
Jun-11	276.14	7.35	4.90/3.63	-
Jul-11	200.59	183.68	9.54/9.03	ND/ND
Aug-11	190.37	147.29	9.83/8.92	ND/ND
Sep-11	5.37	5.04	10.21/8.83	-
Oct-11	0.00	0.00	-	-
Nov-11	166.99	147.29	2.32/1.60	-
Dec-11	171.18	176.12	7.82/7.20	-
Jan-12*	184.51	178.36	8.05/7.58	ND/ND
Feb-12*	172.61	166.85	8.02/7.11	ND/ND
Mar-12*	157.24	152.00	7.64/6.77	ND/ND

* Numbers are estimated. Actual numbers will be revised as it becomes available.

Tujunga Wells Treatment Plant (TWTP): The TWTP was shut down on February 15, 2011 to proceed with facility maintenance and obtain a replacement contract for GAC media. The start-up of TWTP is scheduled for July 2012.

TABLE 4-1C
GROUNDWATER PRODUCTION AND TREATMENT FROM TUJUNGA WELLS

	TJ006			TJ007		
		Influent	Effluent		Influent	Effluent
		TCE/PCE	TCE/PCE		TCE/PCE	TCE/PCE
Mon/Yr	(AF)	(ug/L)	(ug/L)	(AF)	(ug/L)	(ug/L)
Apr-11	497.45	12.8/10.8	ND/ND	473.05	22.1/18.6	ND/ND
May-11	530.62	10.3/8.8	ND/ND	504.59	20.9/17.8	ND/ND
Jun-11	476.63	11.0/9.9	ND/ND	423.07	20.4/18.9	ND/ND
Jul-11	498.28	9.63/8.94	ND/ND	458.38	18.9/17.4	ND/ND
Aug-11	603.26	11.3/10.4	ND/ND	558.17	22.8/20.8	ND/ND
Sep-11	498.14	11.8/12.1	ND/ND	452.11	17.7/15.4	ND/ND
Oct-11	467.10	14.5/15.3	ND/ND	519.17	16.2/12.9	ND/ND
Nov-11	478.74	11.6/11.1	ND/ND	410.97	16.6/12.7	ND/ND
Dec-11	442.40	12.2/12.9	ND/ND	379.78	15.9/12.2	ND/ND
Jan-12*	411.11	10.9/11.7	ND/ND	478.60	16.1/12.8	ND/ND
Feb-12*	191.36	15.3/16.0	ND/ND	301.36	15.7/10.7	ND/ND
Mar-12*	0.00	-	ND/ND	0.00	-	ND/ND

* Numbers are estimated. Actual numbers will be revised as it becomes available.

Section 5: Plans For Facility Modifications

This section describes plans for modifications to existing facilities and plans to construct new facilities in the 2011-12 and the 2012-13 Water Years, as of the printing of this report (May 2012).

a.) Spreading Grounds:

Hansen Spreading Grounds: This 156-acre parcel is located adjacent to Tujunga Wash and just downstream of Hansen Dam. Phase 1 improvements combined and deepened the spreading basins at this facility and were recently completed in November 2009. Phase 2 will retrofit and automate the existing intake structure from Tujunga Wash into the spreading grounds and is scheduled to begin construction in the summer of 2012. It is estimated that these improvements will increase average stormwater capture by 1,200 AF/Y.

Tujunga Spreading Grounds: The full 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 now underway to increase the storage capacity of this 188-acre facility, improve the intake facilities, and add 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 8,000 ac-ft.

Pacoima Spreading Grounds: The 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 2,000 ac-ft.

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 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 549 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.

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 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 at 30 percent and is estimated to be completed by Fall 2013 and construction is scheduled to begin late 2013.

b.) Groundwater Treatment Facilities:

North Hollywood Operable Unit (NHOU): The United States Environmental Protection Agency (USEPA) completed its Focused Feasibility Study and issued its Record of Decision for improvements and upgrades necessary to increase the production capacity of the NHOU well system; increase the effectiveness of the capture zone; and improve the overall reliability of the facility. USEPA is now developing a Consent Decree for the implementation of the NHOU Second Interim Remedy. Plans for this next interim remedy include the deepening of existing wells and construction of new wells as part of the NHOU well system. The USEPA, the City of Los Angeles, DTSC, and the RWQCB are also investigating the source of various contaminant plumes in the area. Design of treatment facilities to remove hexavalent chromium from the groundwater is also underway by responsible parties.

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 AF/Y by the year 2035. Of this 59,000 AF/Y, 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 an estimated 5,350 AF/Y of delivery within the SFB.

Construction of pipelines to supply Valley Presbyterian Hospital and Van Nuys High School with recycled water was completed in February 2010. In late-2010, LADWP began supplying recycled water to the Van Nuys High School for irrigation usage to meet an expected onsite demand of 30 AF/Y. 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 AF/Y and 500 AF/Y of recycled water to Woodley Park and to the Hansen Dam Golf Course, respectively. It is expected that Woodley Park will begin irrigating with recycled water in 2012, whereas the facilities for Hansen Golf Course will be constructed and in service by the middle of 2013.

Los Angeles has entered into agreements with 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. It is estimated that Burbank may deliver up to 1,500 AF/Y of recycled water to Los Angeles if all proposed infrastructure improvements are completed.

APPENDIX A:
2010-2011 Water Quality Sampling Results

SAN FERNANDO AND SYLMAR BASINS WELL FIELDS
1,1-DCA, 1,1-DCE, 1,2-DICHLOROETHENE-CIS, 1,4-DIOXANE, BROMIDE,
CARBON TETRACHLORIDE, TOTAL CHROMIUM, IRON, MANGANESE, MTBE, NITRATE (AS NO3),
PCE, PERCHLORATE, TCE, AND TOTAL COLIFORM CONCENTRATION
SAMPLES TAKEN BETWEEN 4/1/2011 AND 3/31/2012

Location Code	Analyte Name	Result	Collection Date	Units
AT002	1,1-Dichloroethane (1,1-DCA)	1.39	6/30/2011	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	1.34	7/25/2011	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	1.48	8/23/2011	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	1	9/20/2011	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.971	10/18/2011	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.929	11/17/2011	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.849	12/26/2011	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	1.06	1/12/2012	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.86	2/24/2012	µg/L
AT002	1,1-Dichloroethane (1,1-DCA)	0.832	3/20/2012	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	10.8	6/30/2011	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	10.6	7/25/2011	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	11.4	8/23/2011	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	9.69	9/20/2011	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	10.1	10/18/2011	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	10	11/17/2011	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	9.95	12/26/2011	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	13	1/12/2012	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	11	2/24/2012	µg/L
AT002	1,1-Dichloroethene (1,1-DCE)	11.3	3/20/2012	µg/L
AT002	1,2-Dichloroethene-cis	5.07	6/30/2011	µg/L
AT002	1,2-Dichloroethene-cis	4.83	7/25/2011	µg/L
AT002	1,2-Dichloroethene-cis	5.15	8/23/2011	µg/L
AT002	1,2-Dichloroethene-cis	4.06	9/20/2011	µg/L
AT002	1,2-Dichloroethene-cis	3.74	10/18/2011	µg/L
AT002	1,2-Dichloroethene-cis	3.65	11/17/2011	µg/L
AT002	1,2-Dichloroethene-cis	3.99	12/26/2011	µg/L
AT002	1,2-Dichloroethene-cis	4.3	1/12/2012	µg/L
AT002	1,2-Dichloroethene-cis	3.92	2/24/2012	µg/L
AT002	1,2-Dichloroethene-cis	3.73	3/20/2012	µg/L
AT002	1,4-Dioxane	1.9	4/7/2011	ug/L
AT002	1,4-Dioxane	2.45	7/28/2011	ug/L
AT002	1,4-Dioxane	2.05	8/25/2011	ug/L
AT002	1,4-Dioxane	2.03	9/29/2011	ug/L
AT002	1,4-Dioxane	2.05	10/31/2011	ug/L
AT002	1,4-Dioxane	2.23	11/17/2011	ug/L
AT002	1,4-Dioxane	2.02	12/26/2011	ug/L
AT002	1,4-Dioxane	2.66	1/31/2012	ug/L
AT002	1,4-Dioxane	2.53	2/24/2012	ug/L
AT002	1,4-Dioxane	2.48	3/20/2012	ug/L
AT002	Carbon tetrachloride	1.08	6/30/2011	µg/L
AT002	Carbon tetrachloride	1.18	7/25/2011	µg/L
AT002	Carbon tetrachloride	1.29	8/23/2011	µg/L
AT002	Carbon tetrachloride	1.03	9/20/2011	µg/L
AT002	Carbon tetrachloride	0.946	10/18/2011	µg/L
AT002	Carbon tetrachloride	1.07	11/17/2011	µg/L
AT002	Carbon tetrachloride	1.07	12/26/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT002	Carbon tetrachloride	1.16	1/12/2012	µg/L
AT002	Carbon tetrachloride	1.26	2/24/2012	µg/L
AT002	Carbon tetrachloride	1.09	3/20/2012	µg/L
AT002	Chromium (Cr) Total, ICP/MS	99	7/21/2011	ug/L
AT002	Chromium (Cr) Total, ICP/MS	87.4	8/23/2011	ug/L
AT002	Chromium (Cr) Total, ICP/MS	83.3	9/20/2011	ug/L
AT002	Chromium (Cr) Total, ICP/MS	76.4	10/18/2011	ug/L
AT002	Chromium (Cr) Total, ICP/MS	75.2	11/17/2011	ug/L
AT002	Chromium (Cr) Total, ICP/MS	67.8	12/26/2011	ug/L
AT002	Chromium (Cr) Total, ICP/MS	64.7	1/12/2012	ug/L
AT002	Chromium (Cr) Total, ICP/MS	68.3	2/24/2012	ug/L
AT002	Chromium (Cr) Total, ICP/MS	60.4	3/20/2012	ug/L
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/25/2011	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/20/2011	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/18/2011	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/17/2011	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/26/2011	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/12/2012	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/24/2012	NUM/100ml
AT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/20/2012	NUM/100ml
AT002	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	7/25/2011	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	9/20/2011	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	10/18/2011	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	11/17/2011	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	12/26/2011	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	1/12/2012	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	2/24/2012	µg/L
AT002	Methyl-t-butyl ether (MTBE)	0	3/20/2012	µg/L
AT002	Nitrate (as NO3) ,calculated IC value	34.4	6/30/2011	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	34.4	7/25/2011	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	35	8/23/2011	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	35	9/20/2011	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	34.9	10/18/2011	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	34.7	11/17/2011	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	36.4	12/26/2011	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	36.8	1/12/2012	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	37.7	2/24/2012	mg/L
AT002	Nitrate (as NO3) ,calculated IC value	38.1	3/20/2012	mg/L
AT002	Perchlorate	0	6/30/2011	µg/L
AT002	Perchlorate	0	7/25/2011	µg/L
AT002	Perchlorate	0	8/23/2011	µg/L
AT002	Perchlorate	0	9/20/2011	µg/L
AT002	Perchlorate	0	11/17/2011	µg/L
AT002	Perchlorate	0	12/26/2011	µg/L
AT002	Perchlorate	0	1/12/2012	µg/L
AT002	Perchlorate	0	2/24/2012	µg/L
AT002	Perchlorate	0	3/20/2012	µg/L
AT002	Tetrachloroethylene (PCE)	33.5	6/30/2011	µg/L
AT002	Tetrachloroethylene (PCE)	35.1	7/25/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT002	Tetrachloroethylene (PCE)	31.3	8/23/2011	µg/L
AT002	Tetrachloroethylene (PCE)	29.9	9/20/2011	µg/L
AT002	Tetrachloroethylene (PCE)	28.1	10/18/2011	µg/L
AT002	Tetrachloroethylene (PCE)	28.2	11/17/2011	µg/L
AT002	Tetrachloroethylene (PCE)	33.6	12/26/2011	µg/L
AT002	Tetrachloroethylene (PCE)	33.6	1/12/2012	µg/L
AT002	Tetrachloroethylene (PCE)	34	2/24/2012	µg/L
AT002	Tetrachloroethylene (PCE)	31.1	3/20/2012	µg/L
AT002	Trichloroethene (TCE)	239	6/30/2011	µg/L
AT002	Trichloroethene (TCE)	246	7/25/2011	µg/L
AT002	Trichloroethene (TCE)	236	8/23/2011	µg/L
AT002	Trichloroethene (TCE)	199	9/20/2011	µg/L
AT002	Trichloroethene (TCE)	197	10/18/2011	µg/L
AT002	Trichloroethene (TCE)	181	11/17/2011	µg/L
AT002	Trichloroethene (TCE)	190	12/26/2011	µg/L
AT002	Trichloroethene (TCE)	192	1/12/2012	µg/L
AT002	Trichloroethene (TCE)	195	2/24/2012	µg/L
AT002	Trichloroethene (TCE)	184	3/20/2012	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0.958	4/26/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0.741	6/16/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0.741	7/25/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0.954	8/23/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0.714	9/20/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0	10/18/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0.77	11/17/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	0.78	12/26/2011	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.04	1/12/2012	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.11	2/24/2012	µg/L
AT003	1,1-Dichloroethane (1,1-DCA)	1.25	3/20/2012	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	5.74	4/26/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.69	6/16/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.55	7/25/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.95	8/23/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.08	9/20/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	1.85	10/18/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	3.91	11/17/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	3.25	12/26/2011	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.18	1/12/2012	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	3.19	2/24/2012	µg/L
AT003	1,1-Dichloroethene (1,1-DCE)	4.02	3/20/2012	µg/L
AT003	1,2-Dichloroethene-cis	3.62	4/26/2011	µg/L
AT003	1,2-Dichloroethene-cis	2.65	6/16/2011	µg/L
AT003	1,2-Dichloroethene-cis	2.51	7/25/2011	µg/L
AT003	1,2-Dichloroethene-cis	3.05	8/23/2011	µg/L
AT003	1,2-Dichloroethene-cis	2.56	9/20/2011	µg/L
AT003	1,2-Dichloroethene-cis	1.39	10/18/2011	µg/L
AT003	1,2-Dichloroethene-cis	2.46	11/17/2011	µg/L
AT003	1,2-Dichloroethene-cis	2.68	12/26/2011	µg/L
AT003	1,2-Dichloroethene-cis	3.05	1/12/2012	µg/L
AT003	1,2-Dichloroethene-cis	3.38	2/24/2012	µg/L
AT003	1,2-Dichloroethene-cis	3.42	3/20/2012	µg/L
AT003	1,4-Dioxane	1.1	4/29/2011	ug/L

Location Code	Analyte Name	Result	Collection Date	Units
AT003	1,4-Dioxane	1.22	5/31/2011	ug/L
AT003	1,4-Dioxane	1.1	6/28/2011	ug/L
AT003	1,4-Dioxane	1.09	7/28/2011	ug/L
AT003	1,4-Dioxane	1	8/25/2011	ug/L
AT003	1,4-Dioxane	0	9/29/2011	ug/L
AT003	1,4-Dioxane	1.14	10/31/2011	ug/L
AT003	1,4-Dioxane	1.12	11/17/2011	ug/L
AT003	1,4-Dioxane	1.02	12/26/2011	ug/L
AT003	1,4-Dioxane	1.4	1/31/2012	ug/L
AT003	1,4-Dioxane	1.62	2/24/2012	ug/L
AT003	1,4-Dioxane	1.72	3/20/2012	ug/L
AT003	Carbon tetrachloride	0.552	4/26/2011	µg/L
AT003	Carbon tetrachloride	0.368	6/16/2011	µg/L
AT003	Carbon tetrachloride	0.452	7/25/2011	µg/L
AT003	Carbon tetrachloride	0.519	8/23/2011	µg/L
AT003	Carbon tetrachloride	0.386	9/20/2011	µg/L
AT003	Carbon tetrachloride	0	10/18/2011	µg/L
AT003	Carbon tetrachloride	0.36	11/17/2011	µg/L
AT003	Carbon tetrachloride	0.356	12/26/2011	µg/L
AT003	Carbon tetrachloride	0.365	1/12/2012	µg/L
AT003	Carbon tetrachloride	0.386	2/24/2012	µg/L
AT003	Carbon tetrachloride	0.398	3/20/2012	µg/L
AT003	Chromium (Cr) Total, ICP/MS	15.5	4/26/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	14	6/16/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	13.5	7/21/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	11.9	8/23/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	13.2	9/20/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	6.2	10/18/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	13.6	11/17/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	14.9	12/26/2011	ug/L
AT003	Chromium (Cr) Total, ICP/MS	15.2	1/12/2012	ug/L
AT003	Chromium (Cr) Total, ICP/MS	19	2/24/2012	ug/L
AT003	Chromium (Cr) Total, ICP/MS	19.4	3/20/2012	ug/L
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/26/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/16/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/25/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/20/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/18/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/17/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/26/2011	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/12/2012	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/24/2012	NUM/100ml
AT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/20/2012	NUM/100ml
AT003	Methyl-t-butyl ether (MTBE)	0	4/26/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	6/16/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	7/25/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	9/20/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	10/18/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	11/17/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	12/26/2011	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	1/12/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT003	Methyl-t-butyl ether (MTBE)	0	2/24/2012	µg/L
AT003	Methyl-t-butyl ether (MTBE)	0	3/20/2012	µg/L
AT003	Nitrate (as NO3) ,calculated IC value	31.8	4/26/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	31.9	6/16/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	31.6	7/25/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	30.7	8/23/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	29.9	9/20/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	12.5	10/18/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	27.6	11/17/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	27.2	12/26/2011	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	27.2	1/12/2012	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	26.6	2/24/2012	mg/L
AT003	Nitrate (as NO3) ,calculated IC value	27.2	3/20/2012	mg/L
AT003	Perchlorate	0	4/26/2011	µg/L
AT003	Perchlorate	0	6/16/2011	µg/L
AT003	Perchlorate	0	7/25/2011	µg/L
AT003	Perchlorate	0	8/23/2011	µg/L
AT003	Perchlorate	0	9/20/2011	µg/L
AT003	Perchlorate	0	11/17/2011	µg/L
AT003	Perchlorate	0	12/26/2011	µg/L
AT003	Perchlorate	0	1/12/2012	µg/L
AT003	Perchlorate	0	2/24/2012	µg/L
AT003	Perchlorate	0	3/20/2012	µg/L
AT003	Tetrachloroethylene (PCE)	8.91	4/26/2011	µg/L
AT003	Tetrachloroethylene (PCE)	8.6	6/16/2011	µg/L
AT003	Tetrachloroethylene (PCE)	9.09	7/25/2011	µg/L
AT003	Tetrachloroethylene (PCE)	7.94	8/23/2011	µg/L
AT003	Tetrachloroethylene (PCE)	7.98	9/20/2011	µg/L
AT003	Tetrachloroethylene (PCE)	3.42	10/18/2011	µg/L
AT003	Tetrachloroethylene (PCE)	6.66	11/17/2011	µg/L
AT003	Tetrachloroethylene (PCE)	7.13	12/26/2011	µg/L
AT003	Tetrachloroethylene (PCE)	7.2	1/12/2012	µg/L
AT003	Tetrachloroethylene (PCE)	6.2	2/24/2012	µg/L
AT003	Tetrachloroethylene (PCE)	6.64	3/20/2012	µg/L
AT003	Trichloroethene (TCE)	97.6	4/26/2011	µg/L
AT003	Trichloroethene (TCE)	65.1	6/16/2011	µg/L
AT003	Trichloroethene (TCE)	68.8	7/25/2011	µg/L
AT003	Trichloroethene (TCE)	70.4	8/23/2011	µg/L
AT003	Trichloroethene (TCE)	65.8	9/20/2011	µg/L
AT003	Trichloroethene (TCE)	39.8	10/18/2011	µg/L
AT003	Trichloroethene (TCE)	67.6	11/17/2011	µg/L
AT003	Trichloroethene (TCE)	70.3	12/26/2011	µg/L
AT003	Trichloroethene (TCE)	69	1/12/2012	µg/L
AT003	Trichloroethene (TCE)	81.7	2/24/2012	µg/L
AT003	Trichloroethene (TCE)	79.8	3/20/2012	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	1.24	4/26/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.924	5/19/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.62	6/16/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.597	7/25/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.512	8/23/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.536	9/20/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.524	10/18/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT004	1,1-Dichloroethane (1,1-DCA)	0.544	11/17/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0	12/26/2011	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0.552	1/12/2012	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0	2/24/2012	µg/L
AT004	1,1-Dichloroethane (1,1-DCA)	0	3/20/2012	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	4/26/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	5/19/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	6/16/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	7/25/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	8/23/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	9/20/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	10/18/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	11/17/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	12/26/2011	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	1/12/2012	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	2/24/2012	µg/L
AT004	1,1-Dichloroethene (1,1-DCE)	0	3/20/2012	µg/L
AT004	1,2-Dichloroethene-cis	6.12	4/26/2011	µg/L
AT004	1,2-Dichloroethene-cis	3.84	5/19/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.91	6/16/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.63	7/25/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.52	8/23/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.5	9/20/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.44	10/18/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.45	11/17/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.23	12/26/2011	µg/L
AT004	1,2-Dichloroethene-cis	2.39	1/12/2012	µg/L
AT004	1,2-Dichloroethene-cis	1.91	2/24/2012	µg/L
AT004	1,2-Dichloroethene-cis	1.74	3/20/2012	µg/L
AT004	1,4-Dioxane	1.9	4/29/2011	ug/L
AT004	1,4-Dioxane	1.66	5/31/2011	ug/L
AT004	1,4-Dioxane	1.33	6/28/2011	ug/L
AT004	1,4-Dioxane	1.22	7/28/2011	ug/L
AT004	1,4-Dioxane	1.06	8/25/2011	ug/L
AT004	1,4-Dioxane	0	9/29/2011	ug/L
AT004	1,4-Dioxane	1.15	10/31/2011	ug/L
AT004	1,4-Dioxane	1.2	11/17/2011	ug/L
AT004	1,4-Dioxane	0	12/26/2011	ug/L
AT004	1,4-Dioxane	1.11	1/31/2012	ug/L
AT004	1,4-Dioxane	0	2/24/2012	ug/L
AT004	1,4-Dioxane	0	3/20/2012	ug/L
AT004	Bromide ,Ion-Chromatography	0.189	5/19/2011	mg/L
AT004	Carbon tetrachloride	0	4/26/2011	µg/L
AT004	Carbon tetrachloride	0	5/19/2011	µg/L
AT004	Carbon tetrachloride	0	6/16/2011	µg/L
AT004	Carbon tetrachloride	0	7/25/2011	µg/L
AT004	Carbon tetrachloride	0	8/23/2011	µg/L
AT004	Carbon tetrachloride	0	9/20/2011	µg/L
AT004	Carbon tetrachloride	0	10/18/2011	µg/L
AT004	Carbon tetrachloride	0	11/17/2011	µg/L
AT004	Carbon tetrachloride	0	12/26/2011	µg/L
AT004	Carbon tetrachloride	0	1/12/2012	µg/L
AT004	Carbon tetrachloride	0	2/24/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT004	Carbon tetrachloride	0	3/20/2012	µg/L
AT004	Chromium (Cr) Total, ICP/MS	5	4/26/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.6	6/16/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4	7/21/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4	8/23/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.1	9/20/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	3.9	10/18/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.1	11/17/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.1	12/26/2011	ug/L
AT004	Chromium (Cr) Total, ICP/MS	3.8	1/12/2012	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.2	2/24/2012	ug/L
AT004	Chromium (Cr) Total, ICP/MS	4.2	3/20/2012	ug/L
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/26/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/19/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/16/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/25/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/20/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/18/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/17/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/26/2011	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/12/2012	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/24/2012	NUM/100ml
AT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/20/2012	NUM/100ml
AT004	Methyl-t-butyl ether (MTBE)	0	4/26/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	5/19/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	6/16/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	7/25/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	9/20/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	10/18/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	11/17/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	12/26/2011	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	1/12/2012	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	2/24/2012	µg/L
AT004	Methyl-t-butyl ether (MTBE)	0	3/20/2012	µg/L
AT004	Nitrate (as NO3) ,calculated IC value	49.2	4/26/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	35.8	5/19/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	28	6/16/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	25.1	7/25/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	24.9	8/23/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	24.6	9/20/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	24.4	10/18/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	23.4	11/17/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	21.5	12/26/2011	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	20.9	1/12/2012	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	21	2/24/2012	mg/L
AT004	Nitrate (as NO3) ,calculated IC value	20.4	3/20/2012	mg/L
AT004	Perchlorate	0	4/26/2011	µg/L
AT004	Perchlorate	0	5/19/2011	µg/L
AT004	Perchlorate	0	6/16/2011	µg/L
AT004	Perchlorate	0	7/25/2011	µg/L
AT004	Perchlorate	0	8/23/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT004	Perchlorate	0	9/20/2011	µg/L
AT004	Perchlorate	0	11/17/2011	µg/L
AT004	Perchlorate	0	12/26/2011	µg/L
AT004	Perchlorate	0	1/12/2012	µg/L
AT004	Perchlorate	0	2/24/2012	µg/L
AT004	Perchlorate	0	3/20/2012	µg/L
AT004	Tetrachloroethylene (PCE)	10.1	4/26/2011	µg/L
AT004	Tetrachloroethylene (PCE)	7.45	5/19/2011	µg/L
AT004	Tetrachloroethylene (PCE)	5.92	6/16/2011	µg/L
AT004	Tetrachloroethylene (PCE)	5.87	7/25/2011	µg/L
AT004	Tetrachloroethylene (PCE)	5.04	8/23/2011	µg/L
AT004	Tetrachloroethylene (PCE)	5.22	9/20/2011	µg/L
AT004	Tetrachloroethylene (PCE)	4.73	10/18/2011	µg/L
AT004	Tetrachloroethylene (PCE)	4.79	11/17/2011	µg/L
AT004	Tetrachloroethylene (PCE)	4.63	12/26/2011	µg/L
AT004	Tetrachloroethylene (PCE)	4.64	1/12/2012	µg/L
AT004	Tetrachloroethylene (PCE)	3.64	2/24/2012	µg/L
AT004	Tetrachloroethylene (PCE)	3.21	3/20/2012	µg/L
AT004	Trichloroethene (TCE)	26.4	4/26/2011	µg/L
AT004	Trichloroethene (TCE)	21	5/19/2011	µg/L
AT004	Trichloroethene (TCE)	17.8	6/16/2011	µg/L
AT004	Trichloroethene (TCE)	16.6	7/25/2011	µg/L
AT004	Trichloroethene (TCE)	15	8/23/2011	µg/L
AT004	Trichloroethene (TCE)	14.9	9/20/2011	µg/L
AT004	Trichloroethene (TCE)	13.9	10/18/2011	µg/L
AT004	Trichloroethene (TCE)	13.6	11/17/2011	µg/L
AT004	Trichloroethene (TCE)	12.9	12/26/2011	µg/L
AT004	Trichloroethene (TCE)	12.8	1/12/2012	µg/L
AT004	Trichloroethene (TCE)	13	2/24/2012	µg/L
AT004	Trichloroethene (TCE)	12	3/20/2012	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0.535	4/22/2011	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0.598	5/19/2011	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	6/16/2011	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	7/25/2011	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	8/23/2011	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	9/20/2011	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	12/26/2011	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	1/24/2012	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	2/24/2012	µg/L
AT006	1,1-Dichloroethane (1,1-DCA)	0	3/20/2012	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	4/22/2011	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	5/19/2011	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	6/16/2011	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	7/25/2011	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	8/23/2011	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	9/20/2011	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	12/26/2011	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	1/24/2012	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	2/24/2012	µg/L
AT006	1,1-Dichloroethene (1,1-DCE)	0	3/20/2012	µg/L
AT006	1,2-Dichloroethene-cis	1.72	4/22/2011	µg/L
AT006	1,2-Dichloroethene-cis	1.81	5/19/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT006	1,2-Dichloroethene-cis	1.45	6/16/2011	µg/L
AT006	1,2-Dichloroethene-cis	1.41	7/25/2011	µg/L
AT006	1,2-Dichloroethene-cis	1.46	8/23/2011	µg/L
AT006	1,2-Dichloroethene-cis	1.49	9/20/2011	µg/L
AT006	1,2-Dichloroethene-cis	0.904	12/26/2011	µg/L
AT006	1,2-Dichloroethene-cis	1.05	1/24/2012	µg/L
AT006	1,2-Dichloroethene-cis	0.847	2/24/2012	µg/L
AT006	1,2-Dichloroethene-cis	0.735	3/20/2012	µg/L
AT006	1,4-Dioxane	0	4/29/2011	ug/L
AT006	1,4-Dioxane	0	5/31/2011	ug/L
AT006	1,4-Dioxane	0	6/28/2011	ug/L
AT006	1,4-Dioxane	0	7/28/2011	ug/L
AT006	1,4-Dioxane	0	8/25/2011	ug/L
AT006	1,4-Dioxane	0	9/29/2011	ug/L
AT006	1,4-Dioxane	0	12/26/2011	ug/L
AT006	1,4-Dioxane	0	1/31/2012	ug/L
AT006	1,4-Dioxane	0	2/24/2012	ug/L
AT006	1,4-Dioxane	0	3/20/2012	ug/L
AT006	Bromide ,Ion-Chromatography	0.139	4/22/2011	mg/L
AT006	Carbon tetrachloride	0	4/22/2011	µg/L
AT006	Carbon tetrachloride	0	5/19/2011	µg/L
AT006	Carbon tetrachloride	0	6/16/2011	µg/L
AT006	Carbon tetrachloride	0	7/25/2011	µg/L
AT006	Carbon tetrachloride	0	8/23/2011	µg/L
AT006	Carbon tetrachloride	0	9/20/2011	µg/L
AT006	Carbon tetrachloride	0	12/26/2011	µg/L
AT006	Carbon tetrachloride	0	1/24/2012	µg/L
AT006	Carbon tetrachloride	0	2/24/2012	µg/L
AT006	Carbon tetrachloride	0	3/20/2012	µg/L
AT006	Chromium (Cr) Total, ICP/MS	3.7	4/22/2011	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.4	5/19/2011	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.7	6/16/2011	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.7	7/21/2011	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.6	8/23/2011	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.7	9/20/2011	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.2	12/26/2011	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3	1/24/2012	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.2	2/24/2012	ug/L
AT006	Chromium (Cr) Total, ICP/MS	3.2	3/20/2012	ug/L
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/22/2011	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/19/2011	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/16/2011	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/25/2011	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/20/2011	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/26/2011	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/24/2012	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/24/2012	NUM/100ml
AT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/20/2012	NUM/100ml
AT006	Methyl-t-butyl ether (MTBE)	0	4/22/2011	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	5/19/2011	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	6/16/2011	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	7/25/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT006	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	9/20/2011	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	12/26/2011	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	1/24/2012	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	2/24/2012	µg/L
AT006	Methyl-t-butyl ether (MTBE)	0	3/20/2012	µg/L
AT006	Nitrate (as NO3) ,calculated IC value	22.2	4/22/2011	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	21.6	5/19/2011	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	20.9	6/16/2011	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	21.2	7/25/2011	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	21.4	8/23/2011	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	21.3	9/20/2011	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	15.3	12/26/2011	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	15.7	1/24/2012	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	15.2	2/24/2012	mg/L
AT006	Nitrate (as NO3) ,calculated IC value	15.8	3/20/2012	mg/L
AT006	Perchlorate	0	4/22/2011	µg/L
AT006	Perchlorate	0	5/19/2011	µg/L
AT006	Perchlorate	0	6/16/2011	µg/L
AT006	Perchlorate	0	7/25/2011	µg/L
AT006	Perchlorate	0	8/23/2011	µg/L
AT006	Perchlorate	0	9/20/2011	µg/L
AT006	Perchlorate	0	12/26/2011	µg/L
AT006	Perchlorate	0	1/24/2012	µg/L
AT006	Perchlorate	0	2/24/2012	µg/L
AT006	Perchlorate	0	3/20/2012	µg/L
AT006	Tetrachloroethylene (PCE)	9.76	4/22/2011	µg/L
AT006	Tetrachloroethylene (PCE)	10.7	5/19/2011	µg/L
AT006	Tetrachloroethylene (PCE)	10.4	6/16/2011	µg/L
AT006	Tetrachloroethylene (PCE)	11.6	7/25/2011	µg/L
AT006	Tetrachloroethylene (PCE)	11.1	8/23/2011	µg/L
AT006	Tetrachloroethylene (PCE)	11.6	9/20/2011	µg/L
AT006	Tetrachloroethylene (PCE)	3.99	12/26/2011	µg/L
AT006	Tetrachloroethylene (PCE)	5.27	1/24/2012	µg/L
AT006	Tetrachloroethylene (PCE)	4.45	2/24/2012	µg/L
AT006	Tetrachloroethylene (PCE)	3.14	3/20/2012	µg/L
AT006	Trichloroethene (TCE)	14.3	4/22/2011	µg/L
AT006	Trichloroethene (TCE)	15.2	5/19/2011	µg/L
AT006	Trichloroethene (TCE)	14.8	6/16/2011	µg/L
AT006	Trichloroethene (TCE)	15.9	7/25/2011	µg/L
AT006	Trichloroethene (TCE)	15.6	8/23/2011	µg/L
AT006	Trichloroethene (TCE)	15.4	9/20/2011	µg/L
AT006	Trichloroethene (TCE)	6.87	12/26/2011	µg/L
AT006	Trichloroethene (TCE)	8.55	1/24/2012	µg/L
AT006	Trichloroethene (TCE)	8.85	2/24/2012	µg/L
AT006	Trichloroethene (TCE)	6.8	3/20/2012	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.89	4/22/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.712	5/19/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.698	6/16/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.646	7/25/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.623	8/23/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.591	9/20/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT007	1,1-Dichloroethane (1,1-DCA)	0.643	10/18/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.755	11/17/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.596	12/26/2011	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.877	1/12/2012	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.871	2/24/2012	µg/L
AT007	1,1-Dichloroethane (1,1-DCA)	0.923	3/20/2012	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0	4/22/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.606	5/19/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.613	6/16/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.769	7/25/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.706	8/23/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.712	9/20/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.711	10/18/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.743	11/17/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0	12/26/2011	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.791	1/12/2012	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0	2/24/2012	µg/L
AT007	1,1-Dichloroethene (1,1-DCE)	0.54	3/20/2012	µg/L
AT007	1,2-Dichloroethene-cis	0.624	4/22/2011	µg/L
AT007	1,2-Dichloroethene-cis	0	5/19/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.56	6/16/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.569	7/25/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.588	8/23/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.537	9/20/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.543	10/18/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.544	11/17/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.525	12/26/2011	µg/L
AT007	1,2-Dichloroethene-cis	0.615	1/12/2012	µg/L
AT007	1,2-Dichloroethene-cis	0.55	2/24/2012	µg/L
AT007	1,2-Dichloroethene-cis	0.548	3/20/2012	µg/L
AT007	1,4-Dioxane	0	4/29/2011	ug/L
AT007	1,4-Dioxane	1.21	5/31/2011	ug/L
AT007	1,4-Dioxane	1.5	6/28/2011	ug/L
AT007	1,4-Dioxane	1.66	7/28/2011	ug/L
AT007	1,4-Dioxane	1.48	8/25/2011	ug/L
AT007	1,4-Dioxane	1.32	9/29/2011	ug/L
AT007	1,4-Dioxane	1.53	10/31/2011	ug/L
AT007	1,4-Dioxane	1.42	11/17/2011	ug/L
AT007	1,4-Dioxane	1.08	12/26/2011	ug/L
AT007	1,4-Dioxane	1.44	1/31/2012	ug/L
AT007	1,4-Dioxane	0	2/24/2012	ug/L
AT007	1,4-Dioxane	0	3/20/2012	ug/L
AT007	Carbon tetrachloride	0.306	4/22/2011	µg/L
AT007	Carbon tetrachloride	0.378	5/19/2011	µg/L
AT007	Carbon tetrachloride	0.361	6/16/2011	µg/L
AT007	Carbon tetrachloride	0.427	7/25/2011	µg/L
AT007	Carbon tetrachloride	0.433	8/23/2011	µg/L
AT007	Carbon tetrachloride	0.387	9/20/2011	µg/L
AT007	Carbon tetrachloride	0.384	10/18/2011	µg/L
AT007	Carbon tetrachloride	0.363	11/17/2011	µg/L
AT007	Carbon tetrachloride	0.251	12/26/2011	µg/L
AT007	Carbon tetrachloride	0.358	1/12/2012	µg/L
AT007	Carbon tetrachloride	0.297	2/24/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT007	Carbon tetrachloride	0	3/20/2012	µg/L
AT007	Chromium (Cr) Total, ICP/MS	0	4/22/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.1	5/19/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.5	6/16/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.4	7/21/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.3	8/23/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.3	9/20/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.2	10/18/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.3	11/17/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1.3	12/26/2011	ug/L
AT007	Chromium (Cr) Total, ICP/MS	1	1/12/2012	ug/L
AT007	Chromium (Cr) Total, ICP/MS	0	2/24/2012	ug/L
AT007	Chromium (Cr) Total, ICP/MS	0	3/20/2012	ug/L
AT007	Coliform Total (CL,MPN) ,MM0-MUG	0	3/21/2012	MPN/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/22/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/19/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/16/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/25/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/20/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/18/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/17/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/26/2011	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/12/2012	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/24/2012	NUM/100ml
AT007	Coliform Total (CL,QT2000) ,MM0-MUG	1	3/20/2012	NUM/100ml
AT007	Methyl-t-butyl ether (MTBE)	0	4/22/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	5/19/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	6/16/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	7/25/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	9/20/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	10/18/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	11/17/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	12/26/2011	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	1/12/2012	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	2/24/2012	µg/L
AT007	Methyl-t-butyl ether (MTBE)	0	3/20/2012	µg/L
AT007	Nitrate (as NO3) ,calculated IC value	12.4	4/22/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	25.9	5/19/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	26.9	6/16/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	29.7	7/25/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	29.7	8/23/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	29.5	9/20/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	29	10/18/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	27	11/17/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	26.3	12/26/2011	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	26.5	1/12/2012	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	21.9	2/24/2012	mg/L
AT007	Nitrate (as NO3) ,calculated IC value	22.4	3/20/2012	mg/L
AT007	Perchlorate	0	4/22/2011	µg/L
AT007	Perchlorate	0	5/19/2011	µg/L
AT007	Perchlorate	0	6/16/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT007	Perchlorate	0	7/25/2011	µg/L
AT007	Perchlorate	0	8/23/2011	µg/L
AT007	Perchlorate	0	9/20/2011	µg/L
AT007	Perchlorate	0	11/17/2011	µg/L
AT007	Perchlorate	0	12/26/2011	µg/L
AT007	Perchlorate	0	1/12/2012	µg/L
AT007	Perchlorate	0	2/24/2012	µg/L
AT007	Perchlorate	0	3/20/2012	µg/L
AT007	Tetrachloroethylene (PCE)	2.78	4/22/2011	µg/L
AT007	Tetrachloroethylene (PCE)	3.76	5/19/2011	µg/L
AT007	Tetrachloroethylene (PCE)	4.22	6/16/2011	µg/L
AT007	Tetrachloroethylene (PCE)	5.29	7/25/2011	µg/L
AT007	Tetrachloroethylene (PCE)	5.06	8/23/2011	µg/L
AT007	Tetrachloroethylene (PCE)	4.98	9/20/2011	µg/L
AT007	Tetrachloroethylene (PCE)	4.64	10/18/2011	µg/L
AT007	Tetrachloroethylene (PCE)	4.69	11/17/2011	µg/L
AT007	Tetrachloroethylene (PCE)	4.33	12/26/2011	µg/L
AT007	Tetrachloroethylene (PCE)	5.34	1/12/2012	µg/L
AT007	Tetrachloroethylene (PCE)	4.02	2/24/2012	µg/L
AT007	Tetrachloroethylene (PCE)	4.09	3/20/2012	µg/L
AT007	Trichloroethene (TCE)	0.818	4/22/2011	µg/L
AT007	Trichloroethene (TCE)	10.5	5/19/2011	µg/L
AT007	Trichloroethene (TCE)	11.2	6/16/2011	µg/L
AT007	Trichloroethene (TCE)	15.1	7/25/2011	µg/L
AT007	Trichloroethene (TCE)	15	8/23/2011	µg/L
AT007	Trichloroethene (TCE)	14	9/20/2011	µg/L
AT007	Trichloroethene (TCE)	12.6	10/18/2011	µg/L
AT007	Trichloroethene (TCE)	11.1	11/17/2011	µg/L
AT007	Trichloroethene (TCE)	8.98	12/26/2011	µg/L
AT007	Trichloroethene (TCE)	9.87	1/12/2012	µg/L
AT007	Trichloroethene (TCE)	5.7	2/24/2012	µg/L
AT007	Trichloroethene (TCE)	4.72	3/20/2012	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	4/22/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	5/19/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	6/16/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	7/25/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	8/23/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	9/20/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	10/18/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	11/17/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	12/26/2011	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	1/12/2012	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	2/24/2012	µg/L
AT008	1,1-Dichloroethane (1,1-DCA)	0	3/20/2012	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	2.31	4/22/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	2.31	5/19/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	2.07	6/16/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	2.17	7/25/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.82	8/23/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.88	9/20/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.92	10/18/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.95	11/17/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT008	1,1-Dichloroethene (1,1-DCE)	1.59	12/26/2011	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	2.13	1/12/2012	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.64	2/24/2012	µg/L
AT008	1,1-Dichloroethene (1,1-DCE)	1.72	3/20/2012	µg/L
AT008	1,2-Dichloroethene-cis	0	4/22/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	5/19/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	6/16/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	7/25/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	8/23/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	9/20/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	10/18/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	11/17/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	12/26/2011	µg/L
AT008	1,2-Dichloroethene-cis	0	1/12/2012	µg/L
AT008	1,2-Dichloroethene-cis	0	2/24/2012	µg/L
AT008	1,2-Dichloroethene-cis	0	3/20/2012	µg/L
AT008	1,4-Dioxane	0	4/7/2011	ug/L
AT008	1,4-Dioxane	1.2	5/31/2011	ug/L
AT008	1,4-Dioxane	1.21	6/28/2011	ug/L
AT008	1,4-Dioxane	1.2	7/28/2011	ug/L
AT008	1,4-Dioxane	1.07	8/25/2011	ug/L
AT008	1,4-Dioxane	1.05	9/29/2011	ug/L
AT008	1,4-Dioxane	1.13	10/31/2011	ug/L
AT008	1,4-Dioxane	1.1	11/17/2011	ug/L
AT008	1,4-Dioxane	0	12/26/2011	ug/L
AT008	1,4-Dioxane	1.19	1/31/2012	ug/L
AT008	1,4-Dioxane	1.29	2/24/2012	ug/L
AT008	1,4-Dioxane	1.36	3/20/2012	ug/L
AT008	Carbon tetrachloride	3.84	4/22/2011	µg/L
AT008	Carbon tetrachloride	2.88	5/19/2011	µg/L
AT008	Carbon tetrachloride	3.04	6/16/2011	µg/L
AT008	Carbon tetrachloride	3.36	7/25/2011	µg/L
AT008	Carbon tetrachloride	3.09	8/23/2011	µg/L
AT008	Carbon tetrachloride	2.79	9/20/2011	µg/L
AT008	Carbon tetrachloride	2.8	10/18/2011	µg/L
AT008	Carbon tetrachloride	2.79	11/17/2011	µg/L
AT008	Carbon tetrachloride	2.4	12/26/2011	µg/L
AT008	Carbon tetrachloride	2.56	1/12/2012	µg/L
AT008	Carbon tetrachloride	2.76	2/24/2012	µg/L
AT008	Carbon tetrachloride	2.32	3/20/2012	µg/L
AT008	Chromium (Cr) Total, ICP/MS	1.1	4/22/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1.1	5/19/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1.3	6/16/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1.3	7/21/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1.2	8/23/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1.2	9/20/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1	10/18/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1	11/17/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	1.1	12/26/2011	ug/L
AT008	Chromium (Cr) Total, ICP/MS	0	1/12/2012	ug/L
AT008	Chromium (Cr) Total, ICP/MS	0	2/24/2012	ug/L
AT008	Chromium (Cr) Total, ICP/MS	0	3/20/2012	ug/L
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/22/2011	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/19/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/16/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/25/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/20/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/18/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/17/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/26/2011	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/12/2012	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/24/2012	NUM/100ml
AT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/20/2012	NUM/100ml
AT008	Methyl-t-butyl ether (MTBE)	0	4/22/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	5/19/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	6/16/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	7/25/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	9/20/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	10/18/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	11/17/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	12/26/2011	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	1/12/2012	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	2/24/2012	µg/L
AT008	Methyl-t-butyl ether (MTBE)	0	3/20/2012	µg/L
AT008	Nitrate (as NO3) ,calculated IC value	29.7	4/22/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	28.1	5/19/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	27	6/16/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	26.6	7/25/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	26.1	8/23/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.9	9/20/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.5	10/18/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.5	11/17/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.1	12/26/2011	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.1	1/12/2012	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.3	2/24/2012	mg/L
AT008	Nitrate (as NO3) ,calculated IC value	25.1	3/20/2012	mg/L
AT008	Perchlorate	0	4/22/2011	µg/L
AT008	Perchlorate	0	5/19/2011	µg/L
AT008	Perchlorate	0	6/16/2011	µg/L
AT008	Perchlorate	0	7/25/2011	µg/L
AT008	Perchlorate	0	8/23/2011	µg/L
AT008	Perchlorate	0	9/20/2011	µg/L
AT008	Perchlorate	0	10/18/2011	µg/L
AT008	Perchlorate	0	11/17/2011	µg/L
AT008	Perchlorate	0	12/26/2011	µg/L
AT008	Perchlorate	0	1/12/2012	µg/L
AT008	Perchlorate	0	2/24/2012	µg/L
AT008	Perchlorate	0	3/20/2012	µg/L
AT008	Tetrachloroethylene (PCE)	7.44	4/22/2011	µg/L
AT008	Tetrachloroethylene (PCE)	7.56	5/19/2011	µg/L
AT008	Tetrachloroethylene (PCE)	8.2	6/16/2011	µg/L
AT008	Tetrachloroethylene (PCE)	9.38	7/25/2011	µg/L
AT008	Tetrachloroethylene (PCE)	8.31	8/23/2011	µg/L
AT008	Tetrachloroethylene (PCE)	8.21	9/20/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
AT008	Tetrachloroethylene (PCE)	7.57	10/18/2011	µg/L
AT008	Tetrachloroethylene (PCE)	7.54	11/17/2011	µg/L
AT008	Tetrachloroethylene (PCE)	8.06	12/26/2011	µg/L
AT008	Tetrachloroethylene (PCE)	8.44	1/12/2012	µg/L
AT008	Tetrachloroethylene (PCE)	6.95	2/24/2012	µg/L
AT008	Tetrachloroethylene (PCE)	6.39	3/20/2012	µg/L
AT008	Trichloroethene (TCE)	39.9	4/22/2011	µg/L
AT008	Trichloroethene (TCE)	34.1	5/19/2011	µg/L
AT008	Trichloroethene (TCE)	34.1	6/16/2011	µg/L
AT008	Trichloroethene (TCE)	37.5	7/25/2011	µg/L
AT008	Trichloroethene (TCE)	36	8/23/2011	µg/L
AT008	Trichloroethene (TCE)	33.5	9/20/2011	µg/L
AT008	Trichloroethene (TCE)	33.6	10/18/2011	µg/L
AT008	Trichloroethene (TCE)	34.1	11/17/2011	µg/L
AT008	Trichloroethene (TCE)	34.1	12/26/2011	µg/L
AT008	Trichloroethene (TCE)	34.3	1/12/2012	µg/L
AT008	Trichloroethene (TCE)	39.3	2/24/2012	µg/L
AT008	Trichloroethene (TCE)	36.1	3/20/2012	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	4/28/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	5/26/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	6/30/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	7/22/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	8/18/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	9/30/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	10/25/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	11/22/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	12/29/2011	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	1/24/2012	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	2/28/2012	µg/L
ER006	1,1-Dichloroethane (1,1-DCA)	0	3/13/2012	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	4/28/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	5/26/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	6/30/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	7/22/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	8/18/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	9/30/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	10/25/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	11/22/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	12/29/2011	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	1/24/2012	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	2/28/2012	µg/L
ER006	1,1-Dichloroethene (1,1-DCE)	0	3/13/2012	µg/L
ER006	1,2-Dichloroethene-cis	0	4/28/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	5/26/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	6/30/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	7/22/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	8/18/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	9/30/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	10/25/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	11/22/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	12/29/2011	µg/L
ER006	1,2-Dichloroethene-cis	0	1/24/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
ER006	1,2-Dichloroethene-cis	0	2/28/2012	µg/L
ER006	1,2-Dichloroethene-cis	0	3/13/2012	µg/L
ER006	Bromide ,Ion-Chromatography	0.187	1/24/2012	mg/L
ER006	Carbon tetrachloride	0	4/28/2011	µg/L
ER006	Carbon tetrachloride	0	5/26/2011	µg/L
ER006	Carbon tetrachloride	0	6/30/2011	µg/L
ER006	Carbon tetrachloride	0	7/22/2011	µg/L
ER006	Carbon tetrachloride	0	8/18/2011	µg/L
ER006	Carbon tetrachloride	0	9/30/2011	µg/L
ER006	Carbon tetrachloride	0	10/25/2011	µg/L
ER006	Carbon tetrachloride	0	11/22/2011	µg/L
ER006	Carbon tetrachloride	0	12/29/2011	µg/L
ER006	Carbon tetrachloride	0	1/24/2012	µg/L
ER006	Carbon tetrachloride	0	2/28/2012	µg/L
ER006	Carbon tetrachloride	0	3/13/2012	µg/L
ER006	Coliform Total (CL,MPN) ,MM0-MUG	0	2/1/2012	MPN/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/28/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/26/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/22/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/18/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/30/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/25/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/22/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/29/2011	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/24/2012	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/28/2012	NUM/100ml
ER006	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/13/2012	NUM/100ml
ER006	Methyl-t-butyl ether (MTBE)	0	4/28/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	5/26/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	7/22/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	8/18/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	9/30/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	10/25/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	11/22/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	12/29/2011	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	1/24/2012	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	2/28/2012	µg/L
ER006	Methyl-t-butyl ether (MTBE)	0	3/13/2012	µg/L
ER006	Nitrate (as NO3) ,calculated IC value	25.5	4/28/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	24.9	5/26/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	24.6	6/30/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	27.7	7/22/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	28.5	8/18/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	28.5	9/30/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	28.1	10/25/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	26	11/22/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	26.5	12/29/2011	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	25.9	1/24/2012	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	27.2	2/28/2012	mg/L
ER006	Nitrate (as NO3) ,calculated IC value	29.2	3/13/2012	mg/L
ER006	Perchlorate	0	3/13/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
ER006	Tetrachloroethylene (PCE)	0.618	4/28/2011	µg/L
ER006	Tetrachloroethylene (PCE)	0	5/26/2011	µg/L
ER006	Tetrachloroethylene (PCE)	0	6/30/2011	µg/L
ER006	Tetrachloroethylene (PCE)	1.25	7/22/2011	µg/L
ER006	Tetrachloroethylene (PCE)	1.58	8/18/2011	µg/L
ER006	Tetrachloroethylene (PCE)	2.02	9/30/2011	µg/L
ER006	Tetrachloroethylene (PCE)	1.97	10/25/2011	µg/L
ER006	Tetrachloroethylene (PCE)	1.68	11/22/2011	µg/L
ER006	Tetrachloroethylene (PCE)	1.13	12/29/2011	µg/L
ER006	Tetrachloroethylene (PCE)	1.06	1/24/2012	µg/L
ER006	Tetrachloroethylene (PCE)	1.47	2/28/2012	µg/L
ER006	Tetrachloroethylene (PCE)	1.83	3/13/2012	µg/L
ER006	Trichloroethene (TCE)	7.02	4/28/2011	µg/L
ER006	Trichloroethene (TCE)	4.77	5/26/2011	µg/L
ER006	Trichloroethene (TCE)	4.57	6/30/2011	µg/L
ER006	Trichloroethene (TCE)	12.5	7/22/2011	µg/L
ER006	Trichloroethene (TCE)	13.6	8/18/2011	µg/L
ER006	Trichloroethene (TCE)	12.9	9/30/2011	µg/L
ER006	Trichloroethene (TCE)	12.9	10/25/2011	µg/L
ER006	Trichloroethene (TCE)	18.8	11/22/2011	µg/L
ER006	Trichloroethene (TCE)	15.6	12/29/2011	µg/L
ER006	Trichloroethene (TCE)	15	1/24/2012	µg/L
ER006	Trichloroethene (TCE)	22	2/28/2012	µg/L
ER006	Trichloroethene (TCE)	17.8	3/13/2012	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	4/28/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	5/26/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	6/30/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	7/22/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	8/18/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	9/30/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	10/25/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	12/29/2011	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	1/30/2012	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	2/28/2012	µg/L
ER010	1,1-Dichloroethane (1,1-DCA)	0	3/13/2012	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	4/28/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	5/26/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	6/30/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	7/22/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	8/18/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	9/30/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	10/25/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	12/29/2011	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	1/30/2012	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	2/28/2012	µg/L
ER010	1,1-Dichloroethene (1,1-DCE)	0	3/13/2012	µg/L
ER010	1,2-Dichloroethene-cis	0	4/28/2011	µg/L
ER010	1,2-Dichloroethene-cis	0	5/26/2011	µg/L
ER010	1,2-Dichloroethene-cis	0	6/30/2011	µg/L
ER010	1,2-Dichloroethene-cis	0	7/22/2011	µg/L
ER010	1,2-Dichloroethene-cis	0	8/18/2011	µg/L
ER010	1,2-Dichloroethene-cis	0	9/30/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
ER010	1,2-Dichloroethene-cis	0	10/25/2011	µg/L
ER010	1,2-Dichloroethene-cis	0	12/29/2011	µg/L
ER010	1,2-Dichloroethene-cis	0	1/30/2012	µg/L
ER010	1,2-Dichloroethene-cis	0	2/28/2012	µg/L
ER010	1,2-Dichloroethene-cis	0	3/13/2012	µg/L
ER010	Carbon tetrachloride	0	4/28/2011	µg/L
ER010	Carbon tetrachloride	0	5/26/2011	µg/L
ER010	Carbon tetrachloride	0	6/30/2011	µg/L
ER010	Carbon tetrachloride	0	7/22/2011	µg/L
ER010	Carbon tetrachloride	0	8/18/2011	µg/L
ER010	Carbon tetrachloride	0	9/30/2011	µg/L
ER010	Carbon tetrachloride	0	10/25/2011	µg/L
ER010	Carbon tetrachloride	0	12/29/2011	µg/L
ER010	Carbon tetrachloride	0	1/30/2012	µg/L
ER010	Carbon tetrachloride	0	2/28/2012	µg/L
ER010	Carbon tetrachloride	0	3/13/2012	µg/L
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/28/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/26/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/22/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/18/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/30/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/25/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/29/2011	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/30/2012	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/28/2012	NUM/100ml
ER010	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/13/2012	NUM/100ml
ER010	Methyl-t-butyl ether (MTBE)	0	4/28/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	5/26/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	7/22/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	8/18/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	9/30/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	10/25/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	12/29/2011	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	1/30/2012	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	2/28/2012	µg/L
ER010	Methyl-t-butyl ether (MTBE)	0	3/13/2012	µg/L
ER010	Nitrate (as NO3) ,calculated IC value	3.11	4/28/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	3.44	5/26/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	3.4	6/30/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	8.33	7/22/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	13	8/18/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	15.5	9/30/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	16.4	10/25/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	3.15	12/29/2011	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	4.65	1/30/2012	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	7.35	2/28/2012	mg/L
ER010	Nitrate (as NO3) ,calculated IC value	14	3/13/2012	mg/L
ER010	Perchlorate	0	6/30/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	4/28/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	5/26/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	6/30/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
ER010	Tetrachloroethylene (PCE)	0	7/22/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	8/18/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	9/30/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	10/25/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	12/29/2011	µg/L
ER010	Tetrachloroethylene (PCE)	0	1/30/2012	µg/L
ER010	Tetrachloroethylene (PCE)	0	2/28/2012	µg/L
ER010	Tetrachloroethylene (PCE)	0	3/13/2012	µg/L
ER010	Trichloroethene (TCE)	0	4/28/2011	µg/L
ER010	Trichloroethene (TCE)	0	5/26/2011	µg/L
ER010	Trichloroethene (TCE)	0	6/30/2011	µg/L
ER010	Trichloroethene (TCE)	0	7/22/2011	µg/L
ER010	Trichloroethene (TCE)	0.638	8/18/2011	µg/L
ER010	Trichloroethene (TCE)	0.916	9/30/2011	µg/L
ER010	Trichloroethene (TCE)	1.05	10/25/2011	µg/L
ER010	Trichloroethene (TCE)	0	12/29/2011	µg/L
ER010	Trichloroethene (TCE)	0	1/30/2012	µg/L
ER010	Trichloroethene (TCE)	1.47	2/28/2012	µg/L
ER010	Trichloroethene (TCE)	1.35	3/13/2012	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	6/14/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	7/12/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	8/4/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	9/7/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	9/8/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	9/14/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	9/21/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	9/28/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	11/9/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	11/16/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	11/23/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	11/30/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	12/8/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	12/14/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	12/21/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	12/28/2011	µg/L
MI006	1,1-Dichloroethane (1,1-DCA)	0	1/4/2012	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	6/14/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	7/12/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	8/4/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	9/7/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	9/8/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	9/14/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	9/21/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	9/28/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	11/9/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	11/16/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	11/23/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	11/30/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	12/8/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	12/14/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	12/21/2011	µg/L
MI006	1,1-Dichloroethene (1,1-DCE)	0	12/28/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
MI006	1,1-Dichloroethene (1,1-DCE)	0	1/4/2012	µg/L
MI006	1,2-Dichloroethene-cis	0	6/14/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	7/12/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	8/4/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	9/7/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	9/8/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	9/14/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	9/21/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	9/28/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	11/9/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	11/16/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	11/23/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	11/30/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	12/8/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	12/14/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	12/21/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	12/28/2011	µg/L
MI006	1,2-Dichloroethene-cis	0	1/4/2012	µg/L
MI006	Bromide ,Ion-Chromatography	0.104	6/14/2011	mg/L
MI006	Carbon tetrachloride	0	6/14/2011	µg/L
MI006	Carbon tetrachloride	0	7/12/2011	µg/L
MI006	Carbon tetrachloride	0	8/4/2011	µg/L
MI006	Carbon tetrachloride	0	9/7/2011	µg/L
MI006	Carbon tetrachloride	0	9/8/2011	µg/L
MI006	Carbon tetrachloride	0	9/14/2011	µg/L
MI006	Carbon tetrachloride	0	9/21/2011	µg/L
MI006	Carbon tetrachloride	0	9/28/2011	µg/L
MI006	Carbon tetrachloride	0	11/9/2011	µg/L
MI006	Carbon tetrachloride	0	11/16/2011	µg/L
MI006	Carbon tetrachloride	0	11/23/2011	µg/L
MI006	Carbon tetrachloride	0	11/30/2011	µg/L
MI006	Carbon tetrachloride	0	12/8/2011	µg/L
MI006	Carbon tetrachloride	0	12/14/2011	µg/L
MI006	Carbon tetrachloride	0	12/21/2011	µg/L
MI006	Carbon tetrachloride	0	12/28/2011	µg/L
MI006	Carbon tetrachloride	0	1/4/2012	µg/L
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/14/2011	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/12/2011	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/4/2011	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/8/2011	NUM/100ml
MI006	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/23/2011	NUM/100ml
MI006	Methyl-t-butyl ether (MTBE)	0	6/14/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	7/12/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	8/4/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	9/7/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	9/8/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	9/14/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	9/21/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	9/28/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	11/9/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	11/16/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	11/23/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	11/30/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
MI006	Methyl-t-butyl ether (MTBE)	0	12/8/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	12/14/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	12/21/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	12/28/2011	µg/L
MI006	Methyl-t-butyl ether (MTBE)	0	1/4/2012	µg/L
MI006	Nitrate (as NO3) ,calculated IC value	13.6	6/14/2011	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	13.7	7/12/2011	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	13.8	8/4/2011	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16	9/8/2011	mg/L
MI006	Nitrate (as NO3) ,calculated IC value	16.8	11/23/2011	mg/L
MI006	Perchlorate	0	6/14/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	6/14/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	7/12/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	8/4/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	9/7/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	9/8/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	9/14/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	9/21/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	9/28/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	11/9/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	11/16/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	11/23/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	11/30/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	12/8/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	12/14/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	12/21/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	12/28/2011	µg/L
MI006	Tetrachloroethylene (PCE)	0	1/4/2012	µg/L
MI006	Trichloroethene (TCE)	0.861	6/14/2011	µg/L
MI006	Trichloroethene (TCE)	1.64	7/12/2011	µg/L
MI006	Trichloroethene (TCE)	2.07	8/4/2011	µg/L
MI006	Trichloroethene (TCE)	2.52	9/7/2011	µg/L
MI006	Trichloroethene (TCE)	2.53	9/8/2011	µg/L
MI006	Trichloroethene (TCE)	2.64	9/14/2011	µg/L
MI006	Trichloroethene (TCE)	2.72	9/21/2011	µg/L
MI006	Trichloroethene (TCE)	2.76	9/28/2011	µg/L
MI006	Trichloroethene (TCE)	2.73	11/9/2011	µg/L
MI006	Trichloroethene (TCE)	2.76	11/16/2011	µg/L
MI006	Trichloroethene (TCE)	2.98	11/23/2011	µg/L
MI006	Trichloroethene (TCE)	2.71	11/30/2011	µg/L
MI006	Trichloroethene (TCE)	2.64	12/8/2011	µg/L
MI006	Trichloroethene (TCE)	2.85	12/14/2011	µg/L
MI006	Trichloroethene (TCE)	2.76	12/21/2011	µg/L
MI006	Trichloroethene (TCE)	2.53	12/28/2011	µg/L
MI006	Trichloroethene (TCE)	2.78	1/4/2012	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	0	7/26/2011	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	0	8/4/2011	µg/L
MI007	1,1-Dichloroethane (1,1-DCA)	0	12/21/2011	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	0	7/26/2011	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	0	8/4/2011	µg/L
MI007	1,1-Dichloroethene (1,1-DCE)	0	12/21/2011	µg/L
MI007	1,2-Dichloroethene-cis	0	7/26/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
MI007	1,2-Dichloroethene-cis	0	8/4/2011	µg/L
MI007	1,2-Dichloroethene-cis	0	12/21/2011	µg/L
MI007	Bromide ,Ion-Chromatography	0.148	7/26/2011	mg/L
MI007	Bromide ,Ion-Chromatography	0.1	8/4/2011	mg/L
MI007	Carbon tetrachloride	0	7/26/2011	µg/L
MI007	Carbon tetrachloride	0	8/4/2011	µg/L
MI007	Carbon tetrachloride	0	12/21/2011	µg/L
MI007	Coliform Total (CL,MPN) ,MM0-MUG	0	8/5/2011	MPN/100ml
MI007	Coliform Total (CL,MPN) ,MM0-MUG	0	12/28/2011	MPN/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/26/2011	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	5.2	8/4/2011	NUM/100ml
MI007	Coliform Total (CL,QT2000) ,MM0-MUG	1	12/21/2011	NUM/100ml
MI007	Methyl-t-butyl ether (MTBE)	0	7/26/2011	µg/L
MI007	Methyl-t-butyl ether (MTBE)	0	8/4/2011	µg/L
MI007	Methyl-t-butyl ether (MTBE)	0	12/21/2011	µg/L
MI007	Nitrate (as NO3) ,calculated IC value	26.8	7/26/2011	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	23.3	8/4/2011	mg/L
MI007	Nitrate (as NO3) ,calculated IC value	27.6	12/21/2011	mg/L
MI007	Perchlorate	0	7/26/2011	µg/L
MI007	Tetrachloroethylene (PCE)	0	7/26/2011	µg/L
MI007	Tetrachloroethylene (PCE)	0	8/4/2011	µg/L
MI007	Tetrachloroethylene (PCE)	0	12/21/2011	µg/L
MI007	Trichloroethene (TCE)	4.33	7/26/2011	µg/L
MI007	Trichloroethene (TCE)	8.41	8/4/2011	µg/L
MI007	Trichloroethene (TCE)	0	12/21/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	4/25/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	6/24/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	7/12/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	9/15/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH004	1,1-Dichloroethane (1,1-DCA)	0	3/29/2012	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	4/25/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	6/24/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	7/12/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	9/15/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L
NH004	1,1-Dichloroethene (1,1-DCE)	0	3/29/2012	µg/L
NH004	1,2-Dichloroethene-cis	0	4/25/2011	µg/L
NH004	1,2-Dichloroethene-cis	0	6/24/2011	µg/L
NH004	1,2-Dichloroethene-cis	0	7/12/2011	µg/L
NH004	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH004	1,2-Dichloroethene-cis	0	9/15/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH004	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH004	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH004	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH004	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH004	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH004	1,2-Dichloroethene-cis	0	3/29/2012	µg/L
NH004	Carbon tetrachloride	0	4/25/2011	µg/L
NH004	Carbon tetrachloride	0	6/24/2011	µg/L
NH004	Carbon tetrachloride	0	7/12/2011	µg/L
NH004	Carbon tetrachloride	0	8/11/2011	µg/L
NH004	Carbon tetrachloride	0	9/15/2011	µg/L
NH004	Carbon tetrachloride	0	10/13/2011	µg/L
NH004	Carbon tetrachloride	0	11/28/2011	µg/L
NH004	Carbon tetrachloride	0	12/27/2011	µg/L
NH004	Carbon tetrachloride	0	1/19/2012	µg/L
NH004	Carbon tetrachloride	0	2/9/2012	µg/L
NH004	Carbon tetrachloride	0	3/29/2012	µg/L
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/25/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/24/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/12/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/15/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH004	Coliform Total (CL,QT2000) ,MM0-MUG	5.2	3/29/2012	NUM/100ml
NH004	Methyl-t-butyl ether (MTBE)	0	4/25/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	6/24/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	7/12/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	9/15/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH004	Methyl-t-butyl ether (MTBE)	0	3/29/2012	µg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.11	4/25/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.24	6/24/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.86	7/12/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.9	8/11/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.99	9/15/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.99	10/13/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.15	11/28/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.11	12/27/2011	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.15	1/19/2012	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.42	2/9/2012	mg/L
NH004	Nitrate (as NO3) ,calculated IC value	8.59	3/29/2012	mg/L
NH004	Perchlorate	0	6/24/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0	4/25/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0	6/24/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH004	Tetrachloroethylene (PCE)	0	7/12/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0	9/15/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0	10/13/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH004	Tetrachloroethylene (PCE)	0.553	1/19/2012	µg/L
NH004	Tetrachloroethylene (PCE)	0.523	2/9/2012	µg/L
NH004	Tetrachloroethylene (PCE)	0.522	3/29/2012	µg/L
NH004	Trichloroethene (TCE)	0	4/25/2011	µg/L
NH004	Trichloroethene (TCE)	0	6/24/2011	µg/L
NH004	Trichloroethene (TCE)	0	7/12/2011	µg/L
NH004	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH004	Trichloroethene (TCE)	0	9/15/2011	µg/L
NH004	Trichloroethene (TCE)	0	10/13/2011	µg/L
NH004	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH004	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH004	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH004	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH004	Trichloroethene (TCE)	0	3/29/2012	µg/L
NH007	1,1-Dichloroethane (1,1-DCA)	0	4/12/2011	µg/L
NH007	1,1-Dichloroethane (1,1-DCA)	0	6/23/2011	µg/L
NH007	1,1-Dichloroethane (1,1-DCA)	0	7/12/2011	µg/L
NH007	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH007	1,1-Dichloroethane (1,1-DCA)	0	9/15/2011	µg/L
NH007	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH007	1,1-Dichloroethene (1,1-DCE)	0	4/12/2011	µg/L
NH007	1,1-Dichloroethene (1,1-DCE)	0	6/23/2011	µg/L
NH007	1,1-Dichloroethene (1,1-DCE)	0	7/12/2011	µg/L
NH007	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH007	1,1-Dichloroethene (1,1-DCE)	0	9/15/2011	µg/L
NH007	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH007	1,2-Dichloroethene-cis	0	4/12/2011	µg/L
NH007	1,2-Dichloroethene-cis	0	6/23/2011	µg/L
NH007	1,2-Dichloroethene-cis	0	7/12/2011	µg/L
NH007	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH007	1,2-Dichloroethene-cis	0	9/15/2011	µg/L
NH007	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH007	Bromide ,Ion-Chromatography	0	4/12/2011	mg/L
NH007	Carbon tetrachloride	0	4/12/2011	µg/L
NH007	Carbon tetrachloride	0	6/23/2011	µg/L
NH007	Carbon tetrachloride	0	7/12/2011	µg/L
NH007	Carbon tetrachloride	0	8/11/2011	µg/L
NH007	Carbon tetrachloride	0	9/15/2011	µg/L
NH007	Carbon tetrachloride	0	10/13/2011	µg/L
NH007	Coliform Total (CL,QT2000) ,MM0-MUG	2	4/12/2011	NUM/100ml
NH007	Coliform Total (CL,QT2000) ,MM0-MUG	1	4/15/2011	NUM/100ml
NH007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/23/2011	NUM/100ml
NH007	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/12/2011	NUM/100ml
NH007	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH007	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/15/2011	NUM/100ml
NH007	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
NH007	Methyl-t-butyl ether (MTBE)	0	4/12/2011	µg/L
NH007	Methyl-t-butyl ether (MTBE)	0	6/23/2011	µg/L
NH007	Methyl-t-butyl ether (MTBE)	0	7/12/2011	µg/L
NH007	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH007	Methyl-t-butyl ether (MTBE)	0	9/15/2011	µg/L
NH007	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH007	Nitrate (as NO3) ,calculated IC value	12	4/12/2011	mg/L
NH007	Nitrate (as NO3) ,calculated IC value	12.2	6/23/2011	mg/L
NH007	Nitrate (as NO3) ,calculated IC value	13.7	7/12/2011	mg/L
NH007	Nitrate (as NO3) ,calculated IC value	14	8/11/2011	mg/L
NH007	Nitrate (as NO3) ,calculated IC value	13.9	9/15/2011	mg/L
NH007	Nitrate (as NO3) ,calculated IC value	13.9	10/13/2011	mg/L
NH007	Perchlorate	0	4/12/2011	µg/L
NH007	Perchlorate	0	9/15/2011	µg/L
NH007	Tetrachloroethylene (PCE)	1.36	4/12/2011	µg/L
NH007	Tetrachloroethylene (PCE)	1.64	6/23/2011	µg/L
NH007	Tetrachloroethylene (PCE)	1.01	7/12/2011	µg/L
NH007	Tetrachloroethylene (PCE)	0.957	8/11/2011	µg/L
NH007	Tetrachloroethylene (PCE)	0.946	9/15/2011	µg/L
NH007	Tetrachloroethylene (PCE)	1.06	10/13/2011	µg/L
NH007	Trichloroethene (TCE)	0	4/12/2011	µg/L
NH007	Trichloroethene (TCE)	0	6/23/2011	µg/L
NH007	Trichloroethene (TCE)	0	7/12/2011	µg/L
NH007	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH007	Trichloroethene (TCE)	0	9/15/2011	µg/L
NH007	Trichloroethene (TCE)	0	10/13/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	4/19/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	6/14/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	1/30/2012	µg/L
NH022	1,1-Dichloroethane (1,1-DCA)	0	3/27/2012	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.15	4/19/2011	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.17	6/14/2011	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	0.782	7/14/2011	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	2.22	8/11/2011	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.44	11/28/2011	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.85	12/27/2011	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	2.54	1/30/2012	µg/L
NH022	1,1-Dichloroethene (1,1-DCE)	1.35	3/27/2012	µg/L
NH022	1,2-Dichloroethene-cis	0	4/19/2011	µg/L
NH022	1,2-Dichloroethene-cis	0	6/14/2011	µg/L
NH022	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH022	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH022	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH022	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH022	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH022	1,2-Dichloroethene-cis	0	1/30/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH022	1,2-Dichloroethene-cis	0	3/27/2012	µg/L
NH022	Bromide ,Ion-Chromatography	0.28	6/14/2011	mg/L
NH022	Carbon tetrachloride	0	4/19/2011	µg/L
NH022	Carbon tetrachloride	0	6/14/2011	µg/L
NH022	Carbon tetrachloride	0	7/14/2011	µg/L
NH022	Carbon tetrachloride	0	8/11/2011	µg/L
NH022	Carbon tetrachloride	0	10/13/2011	µg/L
NH022	Carbon tetrachloride	0	11/28/2011	µg/L
NH022	Carbon tetrachloride	0	12/27/2011	µg/L
NH022	Carbon tetrachloride	0	1/30/2012	µg/L
NH022	Carbon tetrachloride	0	3/27/2012	µg/L
NH022	Coliform Total (CL,MPN) ,MM0-MUG	1.1	6/17/2011	MPN/100ml
NH022	Coliform Total (CL,MPN) ,MM0-MUG	0	8/15/2011	MPN/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/19/2011	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	1	6/14/2011	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	93.3	7/14/2011	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	3.1	8/11/2011	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/30/2012	NUM/100ml
NH022	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/27/2012	NUM/100ml
NH022	Methyl-t-butyl ether (MTBE)	0	4/19/2011	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	6/14/2011	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	1/30/2012	µg/L
NH022	Methyl-t-butyl ether (MTBE)	0	3/27/2012	µg/L
NH022	Nitrate (as NO3) ,calculated IC value	18.3	4/19/2011	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	17.2	6/14/2011	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	17.7	7/14/2011	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	29.6	8/11/2011	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	15.8	10/13/2011	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	18.3	11/28/2011	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	19.4	12/27/2011	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	20.5	1/30/2012	mg/L
NH022	Nitrate (as NO3) ,calculated IC value	19.9	3/27/2012	mg/L
NH022	Perchlorate	0	7/14/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0	4/19/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0	6/14/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0	10/13/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH022	Tetrachloroethylene (PCE)	0.53	1/30/2012	µg/L
NH022	Tetrachloroethylene (PCE)	0	3/27/2012	µg/L
NH022	Trichloroethene (TCE)	1.66	4/19/2011	µg/L
NH022	Trichloroethene (TCE)	1.73	6/14/2011	µg/L
NH022	Trichloroethene (TCE)	1.3	7/14/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH022	Trichloroethene (TCE)	3.69	8/11/2011	µg/L
NH022	Trichloroethene (TCE)	0.507	10/13/2011	µg/L
NH022	Trichloroethene (TCE)	2.31	11/28/2011	µg/L
NH022	Trichloroethene (TCE)	3.19	12/27/2011	µg/L
NH022	Trichloroethene (TCE)	4.06	1/30/2012	µg/L
NH022	Trichloroethene (TCE)	2.05	3/27/2012	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	0	4/25/2011	µg/L
NH023	1,1-Dichloroethane (1,1-DCA)	0	5/12/2011	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	0	4/25/2011	µg/L
NH023	1,1-Dichloroethene (1,1-DCE)	0	5/12/2011	µg/L
NH023	1,2-Dichloroethene-cis	0.773	4/25/2011	µg/L
NH023	1,2-Dichloroethene-cis	0	5/12/2011	µg/L
NH023	Carbon tetrachloride	0	4/25/2011	µg/L
NH023	Carbon tetrachloride	0	5/12/2011	µg/L
NH023	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/25/2011	NUM/100ml
NH023	Methyl-t-butyl ether (MTBE)	0	4/25/2011	µg/L
NH023	Methyl-t-butyl ether (MTBE)	0	5/12/2011	µg/L
NH023	Nitrate (as NO3) ,calculated IC value	18.8	4/25/2011	mg/L
NH023	Perchlorate	0	4/25/2011	µg/L
NH023	Tetrachloroethylene (PCE)	3.06	4/25/2011	µg/L
NH023	Tetrachloroethylene (PCE)	2.01	5/12/2011	µg/L
NH023	Trichloroethene (TCE)	26.5	4/25/2011	µg/L
NH023	Trichloroethene (TCE)	15.7	5/12/2011	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	7/12/2011	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	9/15/2011	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH025	1,1-Dichloroethane (1,1-DCA)	0	3/28/2012	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.29	7/12/2011	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.77	8/11/2011	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.86	9/15/2011	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	1.76	10/13/2011	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L
NH025	1,1-Dichloroethene (1,1-DCE)	0	3/28/2012	µg/L
NH025	1,2-Dichloroethene-cis	0	7/12/2011	µg/L
NH025	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH025	1,2-Dichloroethene-cis	0	9/15/2011	µg/L
NH025	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH025	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH025	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH025	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH025	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH025	1,2-Dichloroethene-cis	0	3/28/2012	µg/L
NH025	Carbon tetrachloride	0	7/12/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH025	Carbon tetrachloride	0	8/11/2011	µg/L
NH025	Carbon tetrachloride	0	9/15/2011	µg/L
NH025	Carbon tetrachloride	0	10/13/2011	µg/L
NH025	Carbon tetrachloride	0	11/28/2011	µg/L
NH025	Carbon tetrachloride	0	12/27/2011	µg/L
NH025	Carbon tetrachloride	0	1/19/2012	µg/L
NH025	Carbon tetrachloride	0	2/9/2012	µg/L
NH025	Carbon tetrachloride	0	3/28/2012	µg/L
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/12/2011	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/15/2011	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH025	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/28/2012	NUM/100ml
NH025	Methyl-t-butyl ether (MTBE)	0	7/12/2011	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	9/15/2011	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH025	Methyl-t-butyl ether (MTBE)	0	3/28/2012	µg/L
NH025	Nitrate (as NO3) ,calculated IC value	19.2	7/12/2011	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	20.4	8/11/2011	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.8	9/15/2011	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	21.2	10/13/2011	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	6.64	11/28/2011	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	10.1	12/27/2011	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	8.51	1/19/2012	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	8.95	2/9/2012	mg/L
NH025	Nitrate (as NO3) ,calculated IC value	11.2	3/28/2012	mg/L
NH025	Perchlorate	0	7/12/2011	µg/L
NH025	Tetrachloroethylene (PCE)	0	7/12/2011	µg/L
NH025	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH025	Tetrachloroethylene (PCE)	0	9/15/2011	µg/L
NH025	Tetrachloroethylene (PCE)	0	10/13/2011	µg/L
NH025	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH025	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH025	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH025	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH025	Tetrachloroethylene (PCE)	0	3/28/2012	µg/L
NH025	Trichloroethene (TCE)	1.32	7/12/2011	µg/L
NH025	Trichloroethene (TCE)	1.99	8/11/2011	µg/L
NH025	Trichloroethene (TCE)	2.35	9/15/2011	µg/L
NH025	Trichloroethene (TCE)	2.49	10/13/2011	µg/L
NH025	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH025	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH025	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH025	Trichloroethene (TCE)	0	2/9/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH025	Trichloroethene (TCE)	0	3/28/2012	µg/L
NH026	1,1-Dichloroethane (1,1-DCA)	0	4/25/2011	µg/L
NH026	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH026	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH026	1,1-Dichloroethene (1,1-DCE)	0	4/25/2011	µg/L
NH026	1,1-Dichloroethene (1,1-DCE)	0	7/14/2011	µg/L
NH026	1,1-Dichloroethene (1,1-DCE)	0.687	8/11/2011	µg/L
NH026	1,2-Dichloroethene-cis	0	4/25/2011	µg/L
NH026	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH026	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH026	Carbon tetrachloride	0	4/25/2011	µg/L
NH026	Carbon tetrachloride	0	7/14/2011	µg/L
NH026	Carbon tetrachloride	0	8/11/2011	µg/L
NH026	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/25/2011	NUM/100ml
NH026	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/14/2011	NUM/100ml
NH026	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH026	Methyl-t-butyl ether (MTBE)	0	4/25/2011	µg/L
NH026	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH026	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH026	Nitrate (as NO3) ,calculated IC value	10.6	4/25/2011	mg/L
NH026	Nitrate (as NO3) ,calculated IC value	10.7	7/14/2011	mg/L
NH026	Nitrate (as NO3) ,calculated IC value	16.1	8/11/2011	mg/L
NH026	Perchlorate	0	4/25/2011	µg/L
NH026	Perchlorate	0	7/14/2011	µg/L
NH026	Tetrachloroethylene (PCE)	1.44	4/25/2011	µg/L
NH026	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH026	Tetrachloroethylene (PCE)	1.67	8/11/2011	µg/L
NH026	Trichloroethene (TCE)	2.99	4/25/2011	µg/L
NH026	Trichloroethene (TCE)	0	7/14/2011	µg/L
NH026	Trichloroethene (TCE)	4.9	8/11/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	4/25/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	6/23/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	7/12/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	9/15/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH032	1,1-Dichloroethane (1,1-DCA)	0	3/29/2012	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	4/25/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	6/23/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	7/12/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	9/15/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH032	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH032	1,1-Dichloroethene (1,1-DCE)	0	3/29/2012	µg/L
NH032	1,2-Dichloroethene-cis	0	4/25/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	6/23/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	7/12/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	9/15/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH032	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH032	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH032	1,2-Dichloroethene-cis	0	3/29/2012	µg/L
NH032	Bromide ,Ion-Chromatography	0.297	3/29/2012	mg/L
NH032	Carbon tetrachloride	0	4/25/2011	µg/L
NH032	Carbon tetrachloride	0	6/23/2011	µg/L
NH032	Carbon tetrachloride	0	7/12/2011	µg/L
NH032	Carbon tetrachloride	0	8/11/2011	µg/L
NH032	Carbon tetrachloride	0	9/15/2011	µg/L
NH032	Carbon tetrachloride	0	10/13/2011	µg/L
NH032	Carbon tetrachloride	0	11/28/2011	µg/L
NH032	Carbon tetrachloride	0	12/27/2011	µg/L
NH032	Carbon tetrachloride	0	1/19/2012	µg/L
NH032	Carbon tetrachloride	0	2/9/2012	µg/L
NH032	Carbon tetrachloride	0	3/29/2012	µg/L
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/25/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/23/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/12/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/15/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH032	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/29/2012	NUM/100ml
NH032	Methyl-t-butyl ether (MTBE)	0	4/25/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	6/23/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	7/12/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	9/15/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH032	Methyl-t-butyl ether (MTBE)	0	3/29/2012	µg/L
NH032	Nitrate (as NO3) ,calculated IC value	1.38	4/25/2011	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	1.75	6/23/2011	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.16	7/12/2011	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.61	8/11/2011	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.61	9/15/2011	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	4.83	10/13/2011	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	1.94	11/28/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH032	Nitrate (as NO3) ,calculated IC value	1.65	12/27/2011	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	1.54	1/19/2012	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	1.47	2/9/2012	mg/L
NH032	Nitrate (as NO3) ,calculated IC value	1.54	3/29/2012	mg/L
NH032	Perchlorate	0	4/25/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	4/25/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	6/23/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	7/12/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	9/15/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	10/13/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH032	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH032	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH032	Tetrachloroethylene (PCE)	0	3/29/2012	µg/L
NH032	Trichloroethene (TCE)	0	4/25/2011	µg/L
NH032	Trichloroethene (TCE)	0	6/23/2011	µg/L
NH032	Trichloroethene (TCE)	0	7/12/2011	µg/L
NH032	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH032	Trichloroethene (TCE)	0	9/15/2011	µg/L
NH032	Trichloroethene (TCE)	0	10/13/2011	µg/L
NH032	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH032	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH032	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH032	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH032	Trichloroethene (TCE)	0	3/29/2012	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	4/25/2011	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	6/24/2011	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	9/15/2011	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	11/30/2011	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH033	1,1-Dichloroethane (1,1-DCA)	0	3/29/2012	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	4/25/2011	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	6/24/2011	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	7/14/2011	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	9/15/2011	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	11/30/2011	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L
NH033	1,1-Dichloroethene (1,1-DCE)	0	3/29/2012	µg/L
NH033	1,2-Dichloroethene-cis	0	4/25/2011	µg/L
NH033	1,2-Dichloroethene-cis	0	6/24/2011	µg/L
NH033	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH033	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH033	1,2-Dichloroethene-cis	0	9/15/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH033	1,2-Dichloroethene-cis	0	11/30/2011	µg/L
NH033	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH033	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH033	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH033	1,2-Dichloroethene-cis	0	3/29/2012	µg/L
NH033	Carbon tetrachloride	0	4/25/2011	µg/L
NH033	Carbon tetrachloride	0	6/24/2011	µg/L
NH033	Carbon tetrachloride	0	7/14/2011	µg/L
NH033	Carbon tetrachloride	0	8/11/2011	µg/L
NH033	Carbon tetrachloride	0	9/15/2011	µg/L
NH033	Carbon tetrachloride	0	11/30/2011	µg/L
NH033	Carbon tetrachloride	0	12/27/2011	µg/L
NH033	Carbon tetrachloride	0	1/19/2012	µg/L
NH033	Carbon tetrachloride	0	2/9/2012	µg/L
NH033	Carbon tetrachloride	0	3/29/2012	µg/L
NH033	Coliform Total (CL,MPN) ,MM0-MUG	0	7/20/2011	MPN/100ml
NH033	Coliform Total (CL,MPN) ,MM0-MUG	0	9/20/2011	MPN/100ml
NH033	Coliform Total (CL,MPN) ,MM0-MUG	0	1/25/2012	MPN/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/25/2011	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/24/2011	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	8.6	7/14/2011	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	1	9/15/2011	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	1	11/30/2011	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	6.3	12/27/2011	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	2	1/19/2012	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH033	Coliform Total (CL,QT2000) ,MM0-MUG	4.1	3/29/2012	NUM/100ml
NH033	Methyl-t-butyl ether (MTBE)	0	4/25/2011	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	6/24/2011	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	9/15/2011	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	11/30/2011	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH033	Methyl-t-butyl ether (MTBE)	0	3/29/2012	µg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.21	4/25/2011	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.24	6/24/2011	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.54	7/14/2011	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.82	8/11/2011	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.93	9/15/2011	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.87	11/30/2011	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.74	12/27/2011	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.63	1/19/2012	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.57	2/9/2012	mg/L
NH033	Nitrate (as NO3) ,calculated IC value	3.47	3/29/2012	mg/L
NH033	Perchlorate	0	6/24/2011	µg/L
NH033	Tetrachloroethylene (PCE)	0	4/25/2011	µg/L
NH033	Tetrachloroethylene (PCE)	0	6/24/2011	µg/L
NH033	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH033	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH033	Tetrachloroethylene (PCE)	0	9/15/2011	µg/L
NH033	Tetrachloroethylene (PCE)	0	11/30/2011	µg/L
NH033	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH033	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH033	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH033	Tetrachloroethylene (PCE)	0	3/29/2012	µg/L
NH033	Trichloroethene (TCE)	0	4/25/2011	µg/L
NH033	Trichloroethene (TCE)	0	6/24/2011	µg/L
NH033	Trichloroethene (TCE)	0	7/14/2011	µg/L
NH033	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH033	Trichloroethene (TCE)	0	9/15/2011	µg/L
NH033	Trichloroethene (TCE)	0	11/30/2011	µg/L
NH033	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH033	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH033	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH033	Trichloroethene (TCE)	0	3/29/2012	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	4/19/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	5/12/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	6/23/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	9/13/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH034	1,1-Dichloroethane (1,1-DCA)	0	3/27/2012	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	4/19/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	5/12/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	6/23/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	7/14/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0.514	8/11/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	9/13/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L
NH034	1,1-Dichloroethene (1,1-DCE)	0	3/27/2012	µg/L
NH034	1,2-Dichloroethene-cis	0	4/19/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	5/12/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	6/23/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	9/13/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH034	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH034	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH034	1,2-Dichloroethene-cis	0	3/27/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH034	Carbon tetrachloride	0	4/19/2011	µg/L
NH034	Carbon tetrachloride	0	5/12/2011	µg/L
NH034	Carbon tetrachloride	0	6/23/2011	µg/L
NH034	Carbon tetrachloride	0	7/14/2011	µg/L
NH034	Carbon tetrachloride	0	8/11/2011	µg/L
NH034	Carbon tetrachloride	0	9/13/2011	µg/L
NH034	Carbon tetrachloride	0	10/13/2011	µg/L
NH034	Carbon tetrachloride	0	11/28/2011	µg/L
NH034	Carbon tetrachloride	0	12/27/2011	µg/L
NH034	Carbon tetrachloride	0	1/19/2012	µg/L
NH034	Carbon tetrachloride	0	2/9/2012	µg/L
NH034	Carbon tetrachloride	0	3/27/2012	µg/L
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/19/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/12/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/23/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/14/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/13/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH034	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/27/2012	NUM/100ml
NH034	Methyl-t-butyl ether (MTBE)	0	4/19/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	5/12/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	6/23/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	9/13/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH034	Methyl-t-butyl ether (MTBE)	0	3/27/2012	µg/L
NH034	Nitrate (as NO3) ,calculated IC value	8.33	4/19/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	9.44	5/12/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	8.42	6/23/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	15.2	7/14/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	16.8	8/11/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	19.7	9/13/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	20.1	10/13/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	8.33	11/28/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	8.02	12/27/2011	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	7.93	1/19/2012	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	10.9	2/9/2012	mg/L
NH034	Nitrate (as NO3) ,calculated IC value	7.8	3/27/2012	mg/L
NH034	Perchlorate	0	11/28/2011	µg/L
NH034	Perchlorate	0	1/19/2012	µg/L
NH034	Tetrachloroethylene (PCE)	0	4/19/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0	5/12/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0	6/23/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH034	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0.788	9/13/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0.818	10/13/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH034	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH034	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH034	Tetrachloroethylene (PCE)	0	3/27/2012	µg/L
NH034	Trichloroethene (TCE)	0	4/19/2011	µg/L
NH034	Trichloroethene (TCE)	0	5/12/2011	µg/L
NH034	Trichloroethene (TCE)	0	6/23/2011	µg/L
NH034	Trichloroethene (TCE)	0.918	7/14/2011	µg/L
NH034	Trichloroethene (TCE)	1.09	8/11/2011	µg/L
NH034	Trichloroethene (TCE)	1.31	9/13/2011	µg/L
NH034	Trichloroethene (TCE)	1.23	10/13/2011	µg/L
NH034	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH034	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH034	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH034	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH034	Trichloroethene (TCE)	0	3/27/2012	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	4/19/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	5/12/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	6/23/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	9/13/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH036	1,1-Dichloroethane (1,1-DCA)	0	3/27/2012	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	4/19/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	5/12/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	6/23/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	7/14/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	1.18	9/13/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0.987	10/13/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L
NH036	1,1-Dichloroethene (1,1-DCE)	0	3/27/2012	µg/L
NH036	1,2-Dichloroethene-cis	0	4/19/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	5/12/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	6/23/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	9/13/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	10/13/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH036	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH036	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH036	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH036	1,2-Dichloroethene-cis	0	3/27/2012	µg/L
NH036	Carbon tetrachloride	0	4/19/2011	µg/L
NH036	Carbon tetrachloride	0	5/12/2011	µg/L
NH036	Carbon tetrachloride	0	6/23/2011	µg/L
NH036	Carbon tetrachloride	0	7/14/2011	µg/L
NH036	Carbon tetrachloride	0	8/11/2011	µg/L
NH036	Carbon tetrachloride	0	9/13/2011	µg/L
NH036	Carbon tetrachloride	0	10/13/2011	µg/L
NH036	Carbon tetrachloride	0	11/28/2011	µg/L
NH036	Carbon tetrachloride	0	12/27/2011	µg/L
NH036	Carbon tetrachloride	0	1/19/2012	µg/L
NH036	Carbon tetrachloride	0	2/9/2012	µg/L
NH036	Carbon tetrachloride	0	3/27/2012	µg/L
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/19/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/12/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/23/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/14/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/13/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH036	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/27/2012	NUM/100ml
NH036	Methyl-t-butyl ether (MTBE)	0	4/19/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	5/12/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	6/23/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	9/13/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH036	Methyl-t-butyl ether (MTBE)	0	3/27/2012	µg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.84	4/19/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.84	5/12/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.62	6/23/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.75	7/14/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	8.77	8/11/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	19.4	9/13/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	17.3	10/13/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.93	11/28/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.89	12/27/2011	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.93	1/19/2012	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	10.9	2/9/2012	mg/L
NH036	Nitrate (as NO3) ,calculated IC value	7.75	3/27/2012	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH036	Perchlorate	0	9/13/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	4/19/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	5/12/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	6/23/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0.873	9/13/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0.698	10/13/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH036	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH036	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH036	Tetrachloroethylene (PCE)	0	3/27/2012	µg/L
NH036	Trichloroethene (TCE)	0	4/19/2011	µg/L
NH036	Trichloroethene (TCE)	0	5/12/2011	µg/L
NH036	Trichloroethene (TCE)	0	6/23/2011	µg/L
NH036	Trichloroethene (TCE)	0	7/14/2011	µg/L
NH036	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH036	Trichloroethene (TCE)	2.56	9/13/2011	µg/L
NH036	Trichloroethene (TCE)	2.06	10/13/2011	µg/L
NH036	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH036	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH036	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH036	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH036	Trichloroethene (TCE)	0	3/27/2012	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	4/19/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	5/12/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	6/23/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	9/13/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH037	1,1-Dichloroethane (1,1-DCA)	0	3/27/2012	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	4/19/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	5/12/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	6/23/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	7/14/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	9/13/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L
NH037	1,1-Dichloroethene (1,1-DCE)	0	3/27/2012	µg/L
NH037	1,2-Dichloroethene-cis	0	4/19/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	5/12/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	6/23/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH037	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	9/13/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH037	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH037	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH037	1,2-Dichloroethene-cis	0	3/27/2012	µg/L
NH037	Carbon tetrachloride	0	4/19/2011	µg/L
NH037	Carbon tetrachloride	0	5/12/2011	µg/L
NH037	Carbon tetrachloride	0	6/23/2011	µg/L
NH037	Carbon tetrachloride	0	7/14/2011	µg/L
NH037	Carbon tetrachloride	0	8/11/2011	µg/L
NH037	Carbon tetrachloride	0	9/13/2011	µg/L
NH037	Carbon tetrachloride	0	10/13/2011	µg/L
NH037	Carbon tetrachloride	0	11/28/2011	µg/L
NH037	Carbon tetrachloride	0	12/27/2011	µg/L
NH037	Carbon tetrachloride	0	1/19/2012	µg/L
NH037	Carbon tetrachloride	0	2/9/2012	µg/L
NH037	Carbon tetrachloride	0	3/27/2012	µg/L
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/19/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/12/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/23/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/14/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/13/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH037	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/27/2012	NUM/100ml
NH037	Methyl-t-butyl ether (MTBE)	0	4/19/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	5/12/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	6/23/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	9/13/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH037	Methyl-t-butyl ether (MTBE)	0	3/27/2012	µg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.73	4/19/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.82	5/12/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.59	6/23/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.68	7/14/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	9.17	8/11/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	12.2	9/13/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	11.4	10/13/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	9.08	11/28/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH037	Nitrate (as NO3) ,calculated IC value	8.95	12/27/2011	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.73	1/19/2012	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.9	2/9/2012	mg/L
NH037	Nitrate (as NO3) ,calculated IC value	8.51	3/27/2012	mg/L
NH037	Perchlorate	0	11/28/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	4/19/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	5/12/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	6/23/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0.681	9/13/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	10/13/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH037	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH037	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH037	Tetrachloroethylene (PCE)	0	3/27/2012	µg/L
NH037	Trichloroethene (TCE)	0	4/19/2011	µg/L
NH037	Trichloroethene (TCE)	0	5/12/2011	µg/L
NH037	Trichloroethene (TCE)	0	6/23/2011	µg/L
NH037	Trichloroethene (TCE)	0	7/14/2011	µg/L
NH037	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH037	Trichloroethene (TCE)	0.737	9/13/2011	µg/L
NH037	Trichloroethene (TCE)	0	10/13/2011	µg/L
NH037	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH037	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH037	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH037	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH037	Trichloroethene (TCE)	0	3/27/2012	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	4/19/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	5/12/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	6/24/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	9/13/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH043A	1,1-Dichloroethane (1,1-DCA)	0	3/27/2012	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	4/19/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	5/12/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	6/24/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	7/14/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	9/13/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH043A	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH043A	1,1-Dichloroethene (1,1-DCE)	0	3/27/2012	µg/L
NH043A	1,2-Dichloroethene-cis	0	4/19/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	5/12/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	6/24/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	9/13/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH043A	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH043A	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH043A	1,2-Dichloroethene-cis	0	3/27/2012	µg/L
NH043A	Carbon tetrachloride	0	4/19/2011	µg/L
NH043A	Carbon tetrachloride	0	5/12/2011	µg/L
NH043A	Carbon tetrachloride	0	6/24/2011	µg/L
NH043A	Carbon tetrachloride	0	7/14/2011	µg/L
NH043A	Carbon tetrachloride	0	8/11/2011	µg/L
NH043A	Carbon tetrachloride	0	9/13/2011	µg/L
NH043A	Carbon tetrachloride	0	10/13/2011	µg/L
NH043A	Carbon tetrachloride	0	11/28/2011	µg/L
NH043A	Carbon tetrachloride	0	12/27/2011	µg/L
NH043A	Carbon tetrachloride	0	1/19/2012	µg/L
NH043A	Carbon tetrachloride	0	2/9/2012	µg/L
NH043A	Carbon tetrachloride	0	3/27/2012	µg/L
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/19/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	5.2	5/12/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/24/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/14/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/13/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH043A	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/27/2012	NUM/100ml
NH043A	Methyl-t-butyl ether (MTBE)	0	4/19/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	5/12/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	6/24/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	9/13/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L
NH043A	Methyl-t-butyl ether (MTBE)	0	3/27/2012	µg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.91	4/19/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	7.09	5/12/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.91	6/24/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.82	7/14/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH043A	Nitrate (as NO3) ,calculated IC value	6.96	8/11/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	7.66	9/13/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	7.44	10/13/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	7.13	11/28/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.87	12/27/2011	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.73	1/19/2012	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.64	2/9/2012	mg/L
NH043A	Nitrate (as NO3) ,calculated IC value	6.6	3/27/2012	mg/L
NH043A	Perchlorate	0	5/12/2011	µg/L
NH043A	Perchlorate	0	6/24/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	4/19/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	5/12/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	6/24/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	9/13/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	10/13/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH043A	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH043A	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH043A	Tetrachloroethylene (PCE)	0	3/27/2012	µg/L
NH043A	Trichloroethene (TCE)	0	4/19/2011	µg/L
NH043A	Trichloroethene (TCE)	0	5/12/2011	µg/L
NH043A	Trichloroethene (TCE)	0	6/24/2011	µg/L
NH043A	Trichloroethene (TCE)	0	7/14/2011	µg/L
NH043A	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH043A	Trichloroethene (TCE)	0	9/13/2011	µg/L
NH043A	Trichloroethene (TCE)	0	10/13/2011	µg/L
NH043A	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH043A	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH043A	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH043A	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH043A	Trichloroethene (TCE)	0	3/27/2012	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	4/19/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	5/12/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	6/24/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	7/14/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	8/11/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	9/13/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	10/13/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	11/28/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	12/27/2011	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	1/19/2012	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	2/9/2012	µg/L
NH045	1,1-Dichloroethane (1,1-DCA)	0	3/27/2012	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	4/19/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	5/12/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	6/24/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	7/14/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	8/11/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	9/13/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH045	1,1-Dichloroethene (1,1-DCE)	0	10/13/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	11/28/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	12/27/2011	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	1/19/2012	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	2/9/2012	µg/L
NH045	1,1-Dichloroethene (1,1-DCE)	0	3/27/2012	µg/L
NH045	1,2-Dichloroethene-cis	0	4/19/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	5/12/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	6/24/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	7/14/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	8/11/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	9/13/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	10/13/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	11/28/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	12/27/2011	µg/L
NH045	1,2-Dichloroethene-cis	0	1/19/2012	µg/L
NH045	1,2-Dichloroethene-cis	0	2/9/2012	µg/L
NH045	1,2-Dichloroethene-cis	0	3/27/2012	µg/L
NH045	Carbon tetrachloride	0	4/19/2011	µg/L
NH045	Carbon tetrachloride	0	5/12/2011	µg/L
NH045	Carbon tetrachloride	0	6/24/2011	µg/L
NH045	Carbon tetrachloride	0	7/14/2011	µg/L
NH045	Carbon tetrachloride	0	8/11/2011	µg/L
NH045	Carbon tetrachloride	0	9/13/2011	µg/L
NH045	Carbon tetrachloride	0	10/13/2011	µg/L
NH045	Carbon tetrachloride	0	11/28/2011	µg/L
NH045	Carbon tetrachloride	0	12/27/2011	µg/L
NH045	Carbon tetrachloride	0	1/19/2012	µg/L
NH045	Carbon tetrachloride	0	2/9/2012	µg/L
NH045	Carbon tetrachloride	0	3/27/2012	µg/L
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/19/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/12/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/24/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/14/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/11/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/13/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/13/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/28/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/27/2011	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/19/2012	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/9/2012	NUM/100ml
NH045	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/27/2012	NUM/100ml
NH045	Methyl-t-butyl ether (MTBE)	0	4/19/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	5/12/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	6/24/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	7/14/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	8/11/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	9/13/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	10/13/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	11/28/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	12/27/2011	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	1/19/2012	µg/L
NH045	Methyl-t-butyl ether (MTBE)	0	2/9/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
NH045	Methyl-t-butyl ether (MTBE)	0	3/27/2012	µg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.44	4/19/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.62	5/12/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.27	6/24/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	5.71	7/14/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.44	8/11/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	9.13	9/13/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	8.15	10/13/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.93	11/28/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.93	12/27/2011	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.71	1/19/2012	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	8.15	2/9/2012	mg/L
NH045	Nitrate (as NO3) ,calculated IC value	7.49	3/27/2012	mg/L
NH045	Perchlorate	0	4/19/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	4/19/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	5/12/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	6/24/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	7/14/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	8/11/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	9/13/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	10/13/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	11/28/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	12/27/2011	µg/L
NH045	Tetrachloroethylene (PCE)	0	1/19/2012	µg/L
NH045	Tetrachloroethylene (PCE)	0	2/9/2012	µg/L
NH045	Tetrachloroethylene (PCE)	0	3/27/2012	µg/L
NH045	Trichloroethene (TCE)	0	4/19/2011	µg/L
NH045	Trichloroethene (TCE)	0	5/12/2011	µg/L
NH045	Trichloroethene (TCE)	0	6/24/2011	µg/L
NH045	Trichloroethene (TCE)	0	7/14/2011	µg/L
NH045	Trichloroethene (TCE)	0	8/11/2011	µg/L
NH045	Trichloroethene (TCE)	0	9/13/2011	µg/L
NH045	Trichloroethene (TCE)	0	10/13/2011	µg/L
NH045	Trichloroethene (TCE)	0	11/28/2011	µg/L
NH045	Trichloroethene (TCE)	0	12/27/2011	µg/L
NH045	Trichloroethene (TCE)	0	1/19/2012	µg/L
NH045	Trichloroethene (TCE)	0	2/9/2012	µg/L
NH045	Trichloroethene (TCE)	0	3/27/2012	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	4/26/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	5/30/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	6/27/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	7/27/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	8/4/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	8/23/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	9/1/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	11/2/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	12/6/2011	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	1/5/2012	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	2/10/2012	µg/L
PL004	1,1-Dichloroethane (1,1-DCA)	0	3/21/2012	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	1.23	4/26/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	1.26	5/30/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
PL004	1,1-Dichloroethene (1,1-DCE)	2.94	6/27/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	2.3	7/27/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	2.29	8/4/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	1.91	8/23/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	2.16	9/1/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	0	11/2/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	1.55	12/6/2011	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	1.48	1/5/2012	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	1.05	2/10/2012	µg/L
PL004	1,1-Dichloroethene (1,1-DCE)	1.11	3/21/2012	µg/L
PL004	1,2-Dichloroethene-cis	0	4/26/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	5/30/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	6/27/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	7/27/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	8/4/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	8/23/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	9/1/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	11/2/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	12/6/2011	µg/L
PL004	1,2-Dichloroethene-cis	0	1/5/2012	µg/L
PL004	1,2-Dichloroethene-cis	0	2/10/2012	µg/L
PL004	1,2-Dichloroethene-cis	0	3/21/2012	µg/L
PL004	1,4-Dioxane	0	3/13/2012	ug/L
PL004	Bromide ,Ion-Chromatography	0.268	4/26/2011	mg/L
PL004	Carbon tetrachloride	0	4/26/2011	µg/L
PL004	Carbon tetrachloride	0	5/30/2011	µg/L
PL004	Carbon tetrachloride	0	6/27/2011	µg/L
PL004	Carbon tetrachloride	0	7/27/2011	µg/L
PL004	Carbon tetrachloride	0	8/4/2011	µg/L
PL004	Carbon tetrachloride	0	8/23/2011	µg/L
PL004	Carbon tetrachloride	0	9/1/2011	µg/L
PL004	Carbon tetrachloride	0	11/2/2011	µg/L
PL004	Carbon tetrachloride	0	12/6/2011	µg/L
PL004	Carbon tetrachloride	0	1/5/2012	µg/L
PL004	Carbon tetrachloride	0	2/10/2012	µg/L
PL004	Carbon tetrachloride	0	3/21/2012	µg/L
PL004	Chromium (Cr) Total, ICP/MS	2	5/19/2011	ug/L
PL004	Chromium (Cr) Total, ICP/MS	2.2	6/16/2011	ug/L
PL004	Chromium (Cr) Total, ICP/MS	2	7/21/2011	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.8	8/23/2011	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.8	9/1/2011	ug/L
PL004	Chromium (Cr) Total, ICP/MS	2	12/26/2011	ug/L
PL004	Chromium (Cr) Total, ICP/MS	2	1/5/2012	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.6	2/10/2012	ug/L
PL004	Chromium (Cr) Total, ICP/MS	1.7	3/21/2012	ug/L
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/14/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/26/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/30/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/27/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/27/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/4/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/1/2011	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/2/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/6/2011	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/5/2012	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/10/2012	NUM/100ml
PL004	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/21/2012	NUM/100ml
PL004	Methyl-t-butyl ether (MTBE)	0	4/26/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	5/30/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	6/27/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	7/27/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	8/4/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	9/1/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	11/2/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	12/6/2011	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	1/5/2012	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	2/10/2012	µg/L
PL004	Methyl-t-butyl ether (MTBE)	0	3/21/2012	µg/L
PL004	Nitrate (as NO3) ,calculated IC value	28.2	4/26/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	26.6	5/30/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	27.2	6/27/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	26.8	7/27/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	26.5	8/4/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	26.2	8/23/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	26.1	9/1/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	28.7	12/6/2011	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	27.6	1/5/2012	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	27.2	2/10/2012	mg/L
PL004	Nitrate (as NO3) ,calculated IC value	26.1	3/21/2012	mg/L
PL004	Perchlorate	0	9/1/2011	µg/L
PL004	Tetrachloroethylene (PCE)	2.45	4/26/2011	µg/L
PL004	Tetrachloroethylene (PCE)	2.38	5/30/2011	µg/L
PL004	Tetrachloroethylene (PCE)	3.63	6/27/2011	µg/L
PL004	Tetrachloroethylene (PCE)	3.26	7/27/2011	µg/L
PL004	Tetrachloroethylene (PCE)	3.29	8/4/2011	µg/L
PL004	Tetrachloroethylene (PCE)	3.07	8/23/2011	µg/L
PL004	Tetrachloroethylene (PCE)	2.95	9/1/2011	µg/L
PL004	Tetrachloroethylene (PCE)	1.6	11/2/2011	µg/L
PL004	Tetrachloroethylene (PCE)	2.89	12/6/2011	µg/L
PL004	Tetrachloroethylene (PCE)	2.66	1/5/2012	µg/L
PL004	Tetrachloroethylene (PCE)	2.22	2/10/2012	µg/L
PL004	Tetrachloroethylene (PCE)	1.94	3/21/2012	µg/L
PL004	Trichloroethene (TCE)	3.71	4/26/2011	µg/L
PL004	Trichloroethene (TCE)	3.41	5/30/2011	µg/L
PL004	Trichloroethene (TCE)	4.9	6/27/2011	µg/L
PL004	Trichloroethene (TCE)	4.28	7/27/2011	µg/L
PL004	Trichloroethene (TCE)	4.48	8/4/2011	µg/L
PL004	Trichloroethene (TCE)	4.22	8/23/2011	µg/L
PL004	Trichloroethene (TCE)	4.21	9/1/2011	µg/L
PL004	Trichloroethene (TCE)	2.32	11/2/2011	µg/L
PL004	Trichloroethene (TCE)	3.84	12/6/2011	µg/L
PL004	Trichloroethene (TCE)	3.5	1/5/2012	µg/L
PL004	Trichloroethene (TCE)	3.14	2/10/2012	µg/L
PL004	Trichloroethene (TCE)	2.87	3/21/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
PL006	1,1-Dichloroethane (1,1-DCA)	0	4/21/2011	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0	7/27/2011	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0	8/4/2011	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0.516	8/23/2011	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0.683	9/1/2011	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0	12/6/2011	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0	1/5/2012	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0	2/10/2012	µg/L
PL006	1,1-Dichloroethane (1,1-DCA)	0	3/21/2012	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	5.8	4/21/2011	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	10.4	7/27/2011	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	10.3	8/4/2011	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	9.68	8/23/2011	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	12	9/1/2011	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	6.99	12/6/2011	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	8.83	1/5/2012	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	8.4	2/10/2012	µg/L
PL006	1,1-Dichloroethene (1,1-DCE)	10.3	3/21/2012	µg/L
PL006	1,2-Dichloroethene-cis	0	4/21/2011	µg/L
PL006	1,2-Dichloroethene-cis	0.591	7/27/2011	µg/L
PL006	1,2-Dichloroethene-cis	0.573	8/4/2011	µg/L
PL006	1,2-Dichloroethene-cis	0.585	8/23/2011	µg/L
PL006	1,2-Dichloroethene-cis	0.631	9/1/2011	µg/L
PL006	1,2-Dichloroethene-cis	0	12/6/2011	µg/L
PL006	1,2-Dichloroethene-cis	0	1/5/2012	µg/L
PL006	1,2-Dichloroethene-cis	0	2/10/2012	µg/L
PL006	1,2-Dichloroethene-cis	0	3/21/2012	µg/L
PL006	1,4-Dioxane	3.91	3/13/2012	ug/L
PL006	Carbon tetrachloride	0	4/21/2011	µg/L
PL006	Carbon tetrachloride	0.297	7/27/2011	µg/L
PL006	Carbon tetrachloride	0.29	8/4/2011	µg/L
PL006	Carbon tetrachloride	0.28	8/23/2011	µg/L
PL006	Carbon tetrachloride	0.336	9/1/2011	µg/L
PL006	Carbon tetrachloride	0.257	12/6/2011	µg/L
PL006	Carbon tetrachloride	0.256	1/5/2012	µg/L
PL006	Carbon tetrachloride	0.268	2/10/2012	µg/L
PL006	Carbon tetrachloride	0	3/21/2012	µg/L
PL006	Chromium (Cr) Total, ICP/MS	2.3	5/19/2011	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2.4	7/21/2011	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2.1	8/23/2011	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2	9/1/2011	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2.3	12/26/2011	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2.1	1/5/2012	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2	2/10/2012	ug/L
PL006	Chromium (Cr) Total, ICP/MS	2.1	3/21/2012	ug/L
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/21/2011	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/27/2011	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/4/2011	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/23/2011	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/1/2011	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/6/2011	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/5/2012	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/10/2012	NUM/100ml
PL006	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/21/2012	NUM/100ml
PL006	Methyl-t-butyl ether (MTBE)	0	4/21/2011	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	7/27/2011	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	8/4/2011	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	8/23/2011	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	9/1/2011	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	12/6/2011	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	1/5/2012	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	2/10/2012	µg/L
PL006	Methyl-t-butyl ether (MTBE)	0	3/21/2012	µg/L
PL006	Nitrate (as NO3) ,calculated IC value	37.5	4/21/2011	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.2	7/27/2011	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.1	8/4/2011	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.1	8/23/2011	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.2	9/1/2011	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.2	12/6/2011	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.4	1/5/2012	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	37.2	2/10/2012	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.9	2/15/2012	mg/L
PL006	Nitrate (as NO3) ,calculated IC value	36.8	3/21/2012	mg/L
PL006	Perchlorate	2.67	9/1/2011	µg/L
PL006	Perchlorate	2.92	1/5/2012	µg/L
PL006	Tetrachloroethylene (PCE)	9.19	4/21/2011	µg/L
PL006	Tetrachloroethylene (PCE)	14.8	7/27/2011	µg/L
PL006	Tetrachloroethylene (PCE)	14.6	8/4/2011	µg/L
PL006	Tetrachloroethylene (PCE)	14.7	8/23/2011	µg/L
PL006	Tetrachloroethylene (PCE)	14.7	9/1/2011	µg/L
PL006	Tetrachloroethylene (PCE)	11.5	12/6/2011	µg/L
PL006	Tetrachloroethylene (PCE)	12.5	1/5/2012	µg/L
PL006	Tetrachloroethylene (PCE)	12	2/10/2012	µg/L
PL006	Tetrachloroethylene (PCE)	11.6	3/21/2012	µg/L
PL006	Trichloroethene (TCE)	10.4	4/21/2011	µg/L
PL006	Trichloroethene (TCE)	14.8	7/27/2011	µg/L
PL006	Trichloroethene (TCE)	15.3	8/4/2011	µg/L
PL006	Trichloroethene (TCE)	15.3	8/23/2011	µg/L
PL006	Trichloroethene (TCE)	16.2	9/1/2011	µg/L
PL006	Trichloroethene (TCE)	11.8	12/6/2011	µg/L
PL006	Trichloroethene (TCE)	12.6	1/5/2012	µg/L
PL006	Trichloroethene (TCE)	12.9	2/10/2012	µg/L
PL006	Trichloroethene (TCE)	12.4	3/21/2012	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT001	1,1-Dichloroethane (1,1-DCA)	0	3/6/2012	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT001	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT001	1,1-Dichloroethene (1,1-DCE)	0	3/6/2012	µg/L
RT001	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT001	1,2-Dichloroethene-cis	0	6/9/2011	µg/L
RT001	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT001	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT001	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT001	1,2-Dichloroethene-cis	0	3/6/2012	µg/L
RT001	Carbon tetrachloride	0	5/6/2011	µg/L
RT001	Carbon tetrachloride	0	6/9/2011	µg/L
RT001	Carbon tetrachloride	0	7/7/2011	µg/L
RT001	Carbon tetrachloride	0	10/27/2011	µg/L
RT001	Carbon tetrachloride	0	2/22/2012	µg/L
RT001	Carbon tetrachloride	0	3/6/2012	µg/L
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml
RT001	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/6/2012	NUM/100ml
RT001	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT001	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L
RT001	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT001	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT001	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT001	Methyl-t-butyl ether (MTBE)	0	3/6/2012	µg/L
RT001	Nitrate (as NO3) ,calculated IC value	8.82	5/6/2011	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	8.68	6/9/2011	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	8.37	7/7/2011	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	9.21	10/27/2011	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	16.1	2/22/2012	mg/L
RT001	Nitrate (as NO3) ,calculated IC value	8.33	3/6/2012	mg/L
RT001	Perchlorate	0	6/9/2011	µg/L
RT001	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT001	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT001	Tetrachloroethylene (PCE)	0	7/7/2011	µg/L
RT001	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT001	Tetrachloroethylene (PCE)	1.06	2/22/2012	µg/L
RT001	Tetrachloroethylene (PCE)	0	3/6/2012	µg/L
RT001	Trichloroethene (TCE)	0	5/6/2011	µg/L
RT001	Trichloroethene (TCE)	0	6/9/2011	µg/L
RT001	Trichloroethene (TCE)	0	7/7/2011	µg/L
RT001	Trichloroethene (TCE)	5.91	10/27/2011	µg/L
RT001	Trichloroethene (TCE)	22.8	2/22/2012	µg/L
RT001	Trichloroethene (TCE)	2.65	3/6/2012	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	0	10/28/2011	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT002	1,1-Dichloroethane (1,1-DCA)	0	3/8/2012	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT002	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	0	10/28/2011	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L
RT002	1,1-Dichloroethene (1,1-DCE)	0	3/8/2012	µg/L
RT002	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT002	1,2-Dichloroethene-cis	0	6/9/2011	µg/L
RT002	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT002	1,2-Dichloroethene-cis	0	10/28/2011	µg/L
RT002	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT002	1,2-Dichloroethene-cis	0	3/8/2012	µg/L
RT002	Carbon tetrachloride	0	5/6/2011	µg/L
RT002	Carbon tetrachloride	0	6/9/2011	µg/L
RT002	Carbon tetrachloride	0	7/7/2011	µg/L
RT002	Carbon tetrachloride	0	10/28/2011	µg/L
RT002	Carbon tetrachloride	0	2/22/2012	µg/L
RT002	Carbon tetrachloride	0	3/8/2012	µg/L
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/28/2011	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml
RT002	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/8/2012	NUM/100ml
RT002	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT002	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L
RT002	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT002	Methyl-t-butyl ether (MTBE)	0	10/28/2011	µg/L
RT002	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT002	Methyl-t-butyl ether (MTBE)	0	3/8/2012	µg/L
RT002	Nitrate (as NO3) ,calculated IC value	13.4	5/6/2011	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	13	6/9/2011	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	13	7/7/2011	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	22	10/28/2011	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	21.3	2/22/2012	mg/L
RT002	Nitrate (as NO3) ,calculated IC value	15.9	3/8/2012	mg/L
RT002	Perchlorate	0	10/28/2011	µg/L
RT002	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT002	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT002	Tetrachloroethylene (PCE)	0	7/7/2011	µg/L
RT002	Tetrachloroethylene (PCE)	0	10/28/2011	µg/L
RT002	Tetrachloroethylene (PCE)	0	2/22/2012	µg/L
RT002	Tetrachloroethylene (PCE)	0	3/8/2012	µg/L
RT002	Trichloroethene (TCE)	0	5/6/2011	µg/L
RT002	Trichloroethene (TCE)	0	6/9/2011	µg/L
RT002	Trichloroethene (TCE)	0	7/7/2011	µg/L
RT002	Trichloroethene (TCE)	1.75	10/28/2011	µg/L
RT002	Trichloroethene (TCE)	1.25	2/22/2012	µg/L
RT002	Trichloroethene (TCE)	1.02	3/8/2012	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	0	10/28/2011	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	0	2/14/2012	µg/L
RT003	1,1-Dichloroethane (1,1-DCA)	0	3/8/2012	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT003	1,1-Dichloroethene (1,1-DCE)	0	10/28/2011	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	0	2/14/2012	µg/L
RT003	1,1-Dichloroethene (1,1-DCE)	0	3/8/2012	µg/L
RT003	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT003	1,2-Dichloroethene-cis	0	10/28/2011	µg/L
RT003	1,2-Dichloroethene-cis	0	2/14/2012	µg/L
RT003	1,2-Dichloroethene-cis	0	3/8/2012	µg/L
RT003	Bromide ,Ion-Chromatography	0.105	2/14/2012	mg/L
RT003	Carbon tetrachloride	0	5/6/2011	µg/L
RT003	Carbon tetrachloride	0	10/28/2011	µg/L
RT003	Carbon tetrachloride	0	2/14/2012	µg/L
RT003	Carbon tetrachloride	0	3/8/2012	µg/L
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/28/2011	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/14/2012	NUM/100ml
RT003	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/8/2012	NUM/100ml
RT003	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT003	Methyl-t-butyl ether (MTBE)	0	10/28/2011	µg/L
RT003	Methyl-t-butyl ether (MTBE)	0	2/14/2012	µg/L
RT003	Methyl-t-butyl ether (MTBE)	0	3/8/2012	µg/L
RT003	Nitrate (as NO3) ,calculated IC value	13.4	5/6/2011	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	18.9	10/28/2011	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	14.9	2/14/2012	mg/L
RT003	Nitrate (as NO3) ,calculated IC value	14.7	3/8/2012	mg/L
RT003	Perchlorate	4.09	5/6/2011	µg/L
RT003	Perchlorate	0	10/28/2011	µg/L
RT003	Perchlorate	2.51	2/14/2012	µg/L
RT003	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT003	Tetrachloroethylene (PCE)	0	10/28/2011	µg/L
RT003	Tetrachloroethylene (PCE)	0	2/14/2012	µg/L
RT003	Tetrachloroethylene (PCE)	0	3/8/2012	µg/L
RT003	Trichloroethene (TCE)	0.962	5/6/2011	µg/L
RT003	Trichloroethene (TCE)	0.638	10/28/2011	µg/L
RT003	Trichloroethene (TCE)	0	2/14/2012	µg/L
RT003	Trichloroethene (TCE)	0.926	3/8/2012	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	0	5/5/2011	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	0	6/14/2011	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	0	10/28/2011	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	0	2/23/2012	µg/L
RT004	1,1-Dichloroethane (1,1-DCA)	0	3/8/2012	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	0	5/5/2011	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	0	6/14/2011	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	0	10/28/2011	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	0	2/23/2012	µg/L
RT004	1,1-Dichloroethene (1,1-DCE)	0	3/8/2012	µg/L
RT004	1,2-Dichloroethene-cis	0	5/5/2011	µg/L
RT004	1,2-Dichloroethene-cis	0	6/14/2011	µg/L
RT004	1,2-Dichloroethene-cis	0	10/28/2011	µg/L
RT004	1,2-Dichloroethene-cis	0	2/23/2012	µg/L
RT004	1,2-Dichloroethene-cis	0	3/8/2012	µg/L
RT004	Bromide ,Ion-Chromatography	0.145	6/14/2011	mg/L
RT004	Carbon tetrachloride	0	5/5/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT004	Carbon tetrachloride	0	6/14/2011	µg/L
RT004	Carbon tetrachloride	0	10/28/2011	µg/L
RT004	Carbon tetrachloride	0	2/23/2012	µg/L
RT004	Carbon tetrachloride	0	3/8/2012	µg/L
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/5/2011	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/14/2011	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/28/2011	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/23/2012	NUM/100ml
RT004	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/8/2012	NUM/100ml
RT004	Methyl-t-butyl ether (MTBE)	0	5/5/2011	µg/L
RT004	Methyl-t-butyl ether (MTBE)	0	6/14/2011	µg/L
RT004	Methyl-t-butyl ether (MTBE)	0	10/28/2011	µg/L
RT004	Methyl-t-butyl ether (MTBE)	0	2/23/2012	µg/L
RT004	Methyl-t-butyl ether (MTBE)	0	3/8/2012	µg/L
RT004	Nitrate (as NO3) ,calculated IC value	14.3	5/5/2011	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	17.4	6/14/2011	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	14	10/28/2011	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	15.3	2/23/2012	mg/L
RT004	Nitrate (as NO3) ,calculated IC value	13.9	3/8/2012	mg/L
RT004	Perchlorate	5.84	5/5/2011	µg/L
RT004	Perchlorate	0	10/28/2011	µg/L
RT004	Perchlorate	2.52	2/23/2012	µg/L
RT004	Tetrachloroethylene (PCE)	0	5/5/2011	µg/L
RT004	Tetrachloroethylene (PCE)	0.686	6/14/2011	µg/L
RT004	Tetrachloroethylene (PCE)	0.523	10/28/2011	µg/L
RT004	Tetrachloroethylene (PCE)	0	2/23/2012	µg/L
RT004	Tetrachloroethylene (PCE)	0	3/8/2012	µg/L
RT004	Trichloroethene (TCE)	0.795	5/5/2011	µg/L
RT004	Trichloroethene (TCE)	0.669	6/14/2011	µg/L
RT004	Trichloroethene (TCE)	0	10/28/2011	µg/L
RT004	Trichloroethene (TCE)	0	2/23/2012	µg/L
RT004	Trichloroethene (TCE)	0.641	3/8/2012	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	0	6/21/2011	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	0	2/23/2012	µg/L
RT005	1,1-Dichloroethane (1,1-DCA)	0	3/8/2012	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	0	6/21/2011	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	0	2/23/2012	µg/L
RT005	1,1-Dichloroethene (1,1-DCE)	0	3/8/2012	µg/L
RT005	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT005	1,2-Dichloroethene-cis	0	6/21/2011	µg/L
RT005	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT005	1,2-Dichloroethene-cis	0	2/23/2012	µg/L
RT005	1,2-Dichloroethene-cis	0	3/8/2012	µg/L
RT005	Bromide ,Ion-Chromatography	0.109	10/27/2011	mg/L
RT005	Carbon tetrachloride	0	5/6/2011	µg/L
RT005	Carbon tetrachloride	0	6/21/2011	µg/L
RT005	Carbon tetrachloride	0	10/27/2011	µg/L
RT005	Carbon tetrachloride	0	2/23/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT005	Carbon tetrachloride	0	3/8/2012	µg/L
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/21/2011	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/23/2012	NUM/100ml
RT005	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/8/2012	NUM/100ml
RT005	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT005	Methyl-t-butyl ether (MTBE)	0	6/21/2011	µg/L
RT005	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT005	Methyl-t-butyl ether (MTBE)	0	2/23/2012	µg/L
RT005	Methyl-t-butyl ether (MTBE)	0	3/8/2012	µg/L
RT005	Nitrate (as NO3) ,calculated IC value	12.4	5/6/2011	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	12.8	6/21/2011	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	11.1	10/27/2011	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	13.3	2/23/2012	mg/L
RT005	Nitrate (as NO3) ,calculated IC value	13.7	3/8/2012	mg/L
RT005	Perchlorate	2.38	5/6/2011	µg/L
RT005	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT005	Tetrachloroethylene (PCE)	0	6/21/2011	µg/L
RT005	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT005	Tetrachloroethylene (PCE)	0	2/23/2012	µg/L
RT005	Tetrachloroethylene (PCE)	0	3/8/2012	µg/L
RT005	Trichloroethene (TCE)	0	5/6/2011	µg/L
RT005	Trichloroethene (TCE)	0	6/21/2011	µg/L
RT005	Trichloroethene (TCE)	0	10/27/2011	µg/L
RT005	Trichloroethene (TCE)	0	2/23/2012	µg/L
RT005	Trichloroethene (TCE)	0	3/8/2012	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	0	5/9/2011	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	0	6/14/2011	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	0	2/23/2012	µg/L
RT006	1,1-Dichloroethane (1,1-DCA)	0	3/13/2012	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	0	5/9/2011	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	0	6/14/2011	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	0	2/23/2012	µg/L
RT006	1,1-Dichloroethene (1,1-DCE)	0	3/13/2012	µg/L
RT006	1,2-Dichloroethene-cis	0	5/9/2011	µg/L
RT006	1,2-Dichloroethene-cis	0	6/14/2011	µg/L
RT006	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT006	1,2-Dichloroethene-cis	0	2/23/2012	µg/L
RT006	1,2-Dichloroethene-cis	0	3/13/2012	µg/L
RT006	Bromide ,Ion-Chromatography	0.118	6/14/2011	mg/L
RT006	Bromide ,Ion-Chromatography	0.108	3/13/2012	mg/L
RT006	Carbon tetrachloride	0	5/9/2011	µg/L
RT006	Carbon tetrachloride	0	6/14/2011	µg/L
RT006	Carbon tetrachloride	0	10/27/2011	µg/L
RT006	Carbon tetrachloride	0	2/23/2012	µg/L
RT006	Carbon tetrachloride	0	3/13/2012	µg/L
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/9/2011	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/14/2011	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/23/2012	NUM/100ml
RT006	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/13/2012	NUM/100ml
RT006	Methyl-t-butyl ether (MTBE)	0	5/9/2011	µg/L
RT006	Methyl-t-butyl ether (MTBE)	0	6/14/2011	µg/L
RT006	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT006	Methyl-t-butyl ether (MTBE)	0	2/23/2012	µg/L
RT006	Methyl-t-butyl ether (MTBE)	0	3/13/2012	µg/L
RT006	Nitrate (as NO3) ,calculated IC value	9.13	5/9/2011	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	11.2	6/14/2011	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	8.73	10/27/2011	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	11.9	2/23/2012	mg/L
RT006	Nitrate (as NO3) ,calculated IC value	12.3	3/13/2012	mg/L
RT006	Perchlorate	0	5/9/2011	µg/L
RT006	Perchlorate	0	6/14/2011	µg/L
RT006	Perchlorate	0	10/27/2011	µg/L
RT006	Perchlorate	0	2/23/2012	µg/L
RT006	Perchlorate	0	3/13/2012	µg/L
RT006	Tetrachloroethylene (PCE)	0	5/9/2011	µg/L
RT006	Tetrachloroethylene (PCE)	0	6/14/2011	µg/L
RT006	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT006	Tetrachloroethylene (PCE)	0	2/23/2012	µg/L
RT006	Tetrachloroethylene (PCE)	0	3/13/2012	µg/L
RT006	Trichloroethene (TCE)	0	5/9/2011	µg/L
RT006	Trichloroethene (TCE)	0	6/14/2011	µg/L
RT006	Trichloroethene (TCE)	0	10/27/2011	µg/L
RT006	Trichloroethene (TCE)	0	2/23/2012	µg/L
RT006	Trichloroethene (TCE)	0	3/13/2012	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	0	5/9/2011	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	0	6/21/2011	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	0	2/23/2012	µg/L
RT007	1,1-Dichloroethane (1,1-DCA)	0	3/8/2012	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	0	5/9/2011	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	0	6/21/2011	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	0	2/23/2012	µg/L
RT007	1,1-Dichloroethene (1,1-DCE)	0	3/8/2012	µg/L
RT007	1,2-Dichloroethene-cis	0	5/9/2011	µg/L
RT007	1,2-Dichloroethene-cis	0	6/21/2011	µg/L
RT007	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT007	1,2-Dichloroethene-cis	0	2/23/2012	µg/L
RT007	1,2-Dichloroethene-cis	0	3/8/2012	µg/L
RT007	Bromide ,Ion-Chromatography	0.09	10/27/2011	mg/L
RT007	Carbon tetrachloride	0	5/9/2011	µg/L
RT007	Carbon tetrachloride	0	6/21/2011	µg/L
RT007	Carbon tetrachloride	0	10/27/2011	µg/L
RT007	Carbon tetrachloride	0	2/23/2012	µg/L
RT007	Carbon tetrachloride	0	3/8/2012	µg/L
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/9/2011	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/21/2011	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/23/2012	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
RT007	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/8/2012	NUM/100ml
RT007	Methyl-t-butyl ether (MTBE)	0	5/9/2011	µg/L
RT007	Methyl-t-butyl ether (MTBE)	0	6/21/2011	µg/L
RT007	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT007	Methyl-t-butyl ether (MTBE)	0	2/23/2012	µg/L
RT007	Methyl-t-butyl ether (MTBE)	0	3/8/2012	µg/L
RT007	Nitrate (as NO3) ,calculated IC value	9.3	5/9/2011	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	9.92	6/21/2011	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	10.8	10/27/2011	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	14.9	2/23/2012	mg/L
RT007	Nitrate (as NO3) ,calculated IC value	13.2	3/8/2012	mg/L
RT007	Perchlorate	0	5/9/2011	µg/L
RT007	Perchlorate	0	6/21/2011	µg/L
RT007	Perchlorate	0	10/27/2011	µg/L
RT007	Perchlorate	0	2/23/2012	µg/L
RT007	Perchlorate	0	3/8/2012	µg/L
RT007	Tetrachloroethylene (PCE)	0	5/9/2011	µg/L
RT007	Tetrachloroethylene (PCE)	0	6/21/2011	µg/L
RT007	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT007	Tetrachloroethylene (PCE)	0	2/23/2012	µg/L
RT007	Tetrachloroethylene (PCE)	0	3/8/2012	µg/L
RT007	Trichloroethene (TCE)	0	5/9/2011	µg/L
RT007	Trichloroethene (TCE)	0	6/21/2011	µg/L
RT007	Trichloroethene (TCE)	0	10/27/2011	µg/L
RT007	Trichloroethene (TCE)	0	2/23/2012	µg/L
RT007	Trichloroethene (TCE)	0	3/8/2012	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	0	5/9/2011	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	0	6/21/2011	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	0	2/23/2012	µg/L
RT008	1,1-Dichloroethane (1,1-DCA)	0	3/8/2012	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	0	5/9/2011	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	0	6/21/2011	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	0	2/23/2012	µg/L
RT008	1,1-Dichloroethene (1,1-DCE)	0	3/8/2012	µg/L
RT008	1,2-Dichloroethene-cis	0	5/9/2011	µg/L
RT008	1,2-Dichloroethene-cis	0	6/21/2011	µg/L
RT008	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT008	1,2-Dichloroethene-cis	0	2/23/2012	µg/L
RT008	1,2-Dichloroethene-cis	0	3/8/2012	µg/L
RT008	Carbon tetrachloride	0	5/9/2011	µg/L
RT008	Carbon tetrachloride	0	6/21/2011	µg/L
RT008	Carbon tetrachloride	0	10/27/2011	µg/L
RT008	Carbon tetrachloride	0	2/23/2012	µg/L
RT008	Carbon tetrachloride	0	3/8/2012	µg/L
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/9/2011	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/21/2011	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/23/2012	NUM/100ml
RT008	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/8/2012	NUM/100ml
RT008	Methyl-t-butyl ether (MTBE)	0	5/9/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT008	Methyl-t-butyl ether (MTBE)	0	6/21/2011	µg/L
RT008	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT008	Methyl-t-butyl ether (MTBE)	0	2/23/2012	µg/L
RT008	Methyl-t-butyl ether (MTBE)	0	3/8/2012	µg/L
RT008	Nitrate (as NO3) ,calculated IC value	9.48	5/9/2011	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	10.9	6/21/2011	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	11.4	10/27/2011	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	13	2/23/2012	mg/L
RT008	Nitrate (as NO3) ,calculated IC value	11.5	3/8/2012	mg/L
RT008	Perchlorate	0	5/9/2011	µg/L
RT008	Perchlorate	0	6/21/2011	µg/L
RT008	Perchlorate	0	10/27/2011	µg/L
RT008	Perchlorate	0	2/23/2012	µg/L
RT008	Perchlorate	0	3/8/2012	µg/L
RT008	Tetrachloroethylene (PCE)	0	5/9/2011	µg/L
RT008	Tetrachloroethylene (PCE)	0	6/21/2011	µg/L
RT008	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT008	Tetrachloroethylene (PCE)	0	2/23/2012	µg/L
RT008	Tetrachloroethylene (PCE)	0	3/8/2012	µg/L
RT008	Trichloroethene (TCE)	0	5/9/2011	µg/L
RT008	Trichloroethene (TCE)	0	6/21/2011	µg/L
RT008	Trichloroethene (TCE)	0	10/27/2011	µg/L
RT008	Trichloroethene (TCE)	0	2/23/2012	µg/L
RT008	Trichloroethene (TCE)	0	3/8/2012	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	0	6/21/2011	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	0	2/23/2012	µg/L
RT009	1,1-Dichloroethane (1,1-DCA)	0	3/13/2012	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	0	6/21/2011	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	0	2/23/2012	µg/L
RT009	1,1-Dichloroethene (1,1-DCE)	0	3/13/2012	µg/L
RT009	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT009	1,2-Dichloroethene-cis	0	6/21/2011	µg/L
RT009	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT009	1,2-Dichloroethene-cis	0	2/23/2012	µg/L
RT009	1,2-Dichloroethene-cis	0	3/13/2012	µg/L
RT009	Bromide ,Ion-Chromatography	0.05	10/27/2011	mg/L
RT009	Carbon tetrachloride	0	5/6/2011	µg/L
RT009	Carbon tetrachloride	0	6/21/2011	µg/L
RT009	Carbon tetrachloride	0	10/27/2011	µg/L
RT009	Carbon tetrachloride	0	2/23/2012	µg/L
RT009	Carbon tetrachloride	0	3/13/2012	µg/L
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/21/2011	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/23/2012	NUM/100ml
RT009	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/13/2012	NUM/100ml
RT009	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT009	Methyl-t-butyl ether (MTBE)	0	6/21/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT009	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT009	Methyl-t-butyl ether (MTBE)	0	2/23/2012	µg/L
RT009	Methyl-t-butyl ether (MTBE)	0	3/13/2012	µg/L
RT009	Nitrate (as NO3) ,calculated IC value	9.17	5/6/2011	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	7.44	6/21/2011	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	6.33	10/27/2011	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	9.17	2/23/2012	mg/L
RT009	Nitrate (as NO3) ,calculated IC value	10.2	3/13/2012	mg/L
RT009	Perchlorate	0	5/6/2011	µg/L
RT009	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT009	Tetrachloroethylene (PCE)	0	6/21/2011	µg/L
RT009	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT009	Tetrachloroethylene (PCE)	0	2/23/2012	µg/L
RT009	Tetrachloroethylene (PCE)	0	3/13/2012	µg/L
RT009	Trichloroethene (TCE)	0	5/6/2011	µg/L
RT009	Trichloroethene (TCE)	0	6/21/2011	µg/L
RT009	Trichloroethene (TCE)	0	10/27/2011	µg/L
RT009	Trichloroethene (TCE)	0	2/23/2012	µg/L
RT009	Trichloroethene (TCE)	0	3/13/2012	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT010	1,1-Dichloroethane (1,1-DCA)	0	3/8/2012	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L
RT010	1,1-Dichloroethene (1,1-DCE)	0	3/8/2012	µg/L
RT010	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT010	1,2-Dichloroethene-cis	0	6/9/2011	µg/L
RT010	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT010	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT010	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT010	1,2-Dichloroethene-cis	0	3/8/2012	µg/L
RT010	Bromide ,Ion-Chromatography	0.085	10/27/2011	mg/L
RT010	Carbon tetrachloride	0	5/6/2011	µg/L
RT010	Carbon tetrachloride	0	6/9/2011	µg/L
RT010	Carbon tetrachloride	0	7/7/2011	µg/L
RT010	Carbon tetrachloride	0	10/27/2011	µg/L
RT010	Carbon tetrachloride	0	2/22/2012	µg/L
RT010	Carbon tetrachloride	0	3/8/2012	µg/L
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml
RT010	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/8/2012	NUM/100ml
RT010	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT010	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT010	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT010	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT010	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT010	Methyl-t-butyl ether (MTBE)	0	3/8/2012	µg/L
RT010	Nitrate (as NO3) ,calculated IC value	14.8	5/6/2011	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	14.8	6/9/2011	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	18.9	7/7/2011	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	19.5	10/27/2011	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	24.5	2/22/2012	mg/L
RT010	Nitrate (as NO3) ,calculated IC value	23.8	3/8/2012	mg/L
RT010	Perchlorate	0	10/27/2011	µg/L
RT010	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT010	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT010	Tetrachloroethylene (PCE)	0.704	7/7/2011	µg/L
RT010	Tetrachloroethylene (PCE)	0.581	10/27/2011	µg/L
RT010	Tetrachloroethylene (PCE)	0.52	2/22/2012	µg/L
RT010	Tetrachloroethylene (PCE)	0	3/8/2012	µg/L
RT010	Trichloroethene (TCE)	5.97	5/6/2011	µg/L
RT010	Trichloroethene (TCE)	4.88	6/9/2011	µg/L
RT010	Trichloroethene (TCE)	10.5	7/7/2011	µg/L
RT010	Trichloroethene (TCE)	11.1	10/27/2011	µg/L
RT010	Trichloroethene (TCE)	7.91	2/22/2012	µg/L
RT010	Trichloroethene (TCE)	6.64	3/8/2012	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	0	5/5/2011	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	0	10/28/2011	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT011	1,1-Dichloroethane (1,1-DCA)	0	3/6/2012	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	0	5/5/2011	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	0	10/28/2011	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L
RT011	1,1-Dichloroethene (1,1-DCE)	0	3/6/2012	µg/L
RT011	1,2-Dichloroethene-cis	0	5/5/2011	µg/L
RT011	1,2-Dichloroethene-cis	0	6/9/2011	µg/L
RT011	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT011	1,2-Dichloroethene-cis	0	10/28/2011	µg/L
RT011	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT011	1,2-Dichloroethene-cis	0	3/6/2012	µg/L
RT011	Carbon tetrachloride	0	5/5/2011	µg/L
RT011	Carbon tetrachloride	0	6/9/2011	µg/L
RT011	Carbon tetrachloride	0	7/7/2011	µg/L
RT011	Carbon tetrachloride	0	10/28/2011	µg/L
RT011	Carbon tetrachloride	0	2/22/2012	µg/L
RT011	Carbon tetrachloride	0	3/6/2012	µg/L
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/5/2011	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/28/2011	NUM/100ml
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
RT011	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/6/2012	NUM/100ml
RT011	Methyl-t-butyl ether (MTBE)	0	5/5/2011	µg/L
RT011	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L
RT011	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT011	Methyl-t-butyl ether (MTBE)	0	10/28/2011	µg/L
RT011	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT011	Methyl-t-butyl ether (MTBE)	0	3/6/2012	µg/L
RT011	Nitrate (as NO3) ,calculated IC value	8.15	5/5/2011	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	8.2	6/9/2011	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	7.71	7/7/2011	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	10.1	10/28/2011	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	16.2	2/22/2012	mg/L
RT011	Nitrate (as NO3) ,calculated IC value	11	3/6/2012	mg/L
RT011	Perchlorate	0	2/22/2012	µg/L
RT011	Tetrachloroethylene (PCE)	0	5/5/2011	µg/L
RT011	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT011	Tetrachloroethylene (PCE)	0	7/7/2011	µg/L
RT011	Tetrachloroethylene (PCE)	0	10/28/2011	µg/L
RT011	Tetrachloroethylene (PCE)	0.703	2/22/2012	µg/L
RT011	Tetrachloroethylene (PCE)	0	3/6/2012	µg/L
RT011	Trichloroethene (TCE)	0.501	5/5/2011	µg/L
RT011	Trichloroethene (TCE)	0	6/9/2011	µg/L
RT011	Trichloroethene (TCE)	0	7/7/2011	µg/L
RT011	Trichloroethene (TCE)	7.58	10/28/2011	µg/L
RT011	Trichloroethene (TCE)	16.7	2/22/2012	µg/L
RT011	Trichloroethene (TCE)	5.02	3/6/2012	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	0	5/5/2011	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT012	1,1-Dichloroethane (1,1-DCA)	0	3/6/2012	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	0	5/5/2011	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L
RT012	1,1-Dichloroethene (1,1-DCE)	0	3/6/2012	µg/L
RT012	1,2-Dichloroethene-cis	0	5/5/2011	µg/L
RT012	1,2-Dichloroethene-cis	0	6/9/2011	µg/L
RT012	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT012	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT012	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT012	1,2-Dichloroethene-cis	0	3/6/2012	µg/L
RT012	Bromide ,Ion-Chromatography	0.079	10/27/2011	mg/L
RT012	Carbon tetrachloride	0	5/5/2011	µg/L
RT012	Carbon tetrachloride	0	6/9/2011	µg/L
RT012	Carbon tetrachloride	0	7/7/2011	µg/L
RT012	Carbon tetrachloride	0	10/27/2011	µg/L
RT012	Carbon tetrachloride	0	2/22/2012	µg/L
RT012	Carbon tetrachloride	0	3/6/2012	µg/L
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/5/2011	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml
RT012	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/6/2012	NUM/100ml
RT012	Methyl-t-butyl ether (MTBE)	0	5/5/2011	µg/L
RT012	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L
RT012	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT012	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT012	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT012	Methyl-t-butyl ether (MTBE)	0	3/6/2012	µg/L
RT012	Nitrate (as NO3) ,calculated IC value	8.64	5/5/2011	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	8.73	6/9/2011	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	8.28	7/7/2011	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	11.3	10/27/2011	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	18.6	2/22/2012	mg/L
RT012	Nitrate (as NO3) ,calculated IC value	10.9	3/6/2012	mg/L
RT012	Perchlorate	0	10/27/2011	µg/L
RT012	Tetrachloroethylene (PCE)	0	5/5/2011	µg/L
RT012	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT012	Tetrachloroethylene (PCE)	0	7/7/2011	µg/L
RT012	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT012	Tetrachloroethylene (PCE)	0	2/22/2012	µg/L
RT012	Tetrachloroethylene (PCE)	0	3/6/2012	µg/L
RT012	Trichloroethene (TCE)	0	5/5/2011	µg/L
RT012	Trichloroethene (TCE)	0	6/9/2011	µg/L
RT012	Trichloroethene (TCE)	0	7/7/2011	µg/L
RT012	Trichloroethene (TCE)	4.07	10/27/2011	µg/L
RT012	Trichloroethene (TCE)	8.36	2/22/2012	µg/L
RT012	Trichloroethene (TCE)	1.1	3/6/2012	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	0	5/5/2011	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT013	1,1-Dichloroethane (1,1-DCA)	0	3/6/2012	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	0	5/5/2011	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L
RT013	1,1-Dichloroethene (1,1-DCE)	0	3/6/2012	µg/L
RT013	1,2-Dichloroethene-cis	0	5/5/2011	µg/L
RT013	1,2-Dichloroethene-cis	0	6/9/2011	µg/L
RT013	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT013	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT013	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT013	1,2-Dichloroethene-cis	0	3/6/2012	µg/L
RT013	Bromide ,Ion-Chromatography	0.083	10/27/2011	mg/L
RT013	Carbon tetrachloride	0	5/5/2011	µg/L
RT013	Carbon tetrachloride	0	6/9/2011	µg/L
RT013	Carbon tetrachloride	0	7/7/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT013	Carbon tetrachloride	0	10/27/2011	µg/L
RT013	Carbon tetrachloride	0	2/22/2012	µg/L
RT013	Carbon tetrachloride	0	3/6/2012	µg/L
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/5/2011	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml
RT013	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/6/2012	NUM/100ml
RT013	Methyl-t-butyl ether (MTBE)	0	5/5/2011	µg/L
RT013	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L
RT013	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT013	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT013	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT013	Methyl-t-butyl ether (MTBE)	0	3/6/2012	µg/L
RT013	Nitrate (as NO3) ,calculated IC value	8.42	5/5/2011	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	8.68	6/9/2011	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	8.2	7/7/2011	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	10.5	10/27/2011	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	15.7	2/22/2012	mg/L
RT013	Nitrate (as NO3) ,calculated IC value	10.9	3/6/2012	mg/L
RT013	Perchlorate	0	10/27/2011	µg/L
RT013	Tetrachloroethylene (PCE)	0	5/5/2011	µg/L
RT013	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT013	Tetrachloroethylene (PCE)	0	7/7/2011	µg/L
RT013	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT013	Tetrachloroethylene (PCE)	0	2/22/2012	µg/L
RT013	Tetrachloroethylene (PCE)	0	3/6/2012	µg/L
RT013	Trichloroethene (TCE)	0	5/5/2011	µg/L
RT013	Trichloroethene (TCE)	0	6/9/2011	µg/L
RT013	Trichloroethene (TCE)	0	7/7/2011	µg/L
RT013	Trichloroethene (TCE)	4.26	10/27/2011	µg/L
RT013	Trichloroethene (TCE)	8.26	2/22/2012	µg/L
RT013	Trichloroethene (TCE)	1.7	3/6/2012	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT014	1,1-Dichloroethane (1,1-DCA)	0	3/6/2012	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L
RT014	1,1-Dichloroethene (1,1-DCE)	0	3/6/2012	µg/L
RT014	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT014	1,2-Dichloroethene-cis	0	6/9/2011	µg/L
RT014	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT014	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT014	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT014	1,2-Dichloroethene-cis	0	3/6/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT014	Bromide ,Ion-Chromatography	0.077	10/27/2011	mg/L
RT014	Carbon tetrachloride	0	5/6/2011	µg/L
RT014	Carbon tetrachloride	0	6/9/2011	µg/L
RT014	Carbon tetrachloride	0	7/7/2011	µg/L
RT014	Carbon tetrachloride	0	10/27/2011	µg/L
RT014	Carbon tetrachloride	0	2/22/2012	µg/L
RT014	Carbon tetrachloride	0	3/6/2012	µg/L
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml
RT014	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/6/2012	NUM/100ml
RT014	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT014	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L
RT014	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT014	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT014	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT014	Methyl-t-butyl ether (MTBE)	0	3/6/2012	µg/L
RT014	Nitrate (as NO3) ,calculated IC value	9.35	5/6/2011	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	9.3	6/9/2011	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	9.17	7/7/2011	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	9.48	10/27/2011	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	13.1	2/22/2012	mg/L
RT014	Nitrate (as NO3) ,calculated IC value	8.99	3/6/2012	mg/L
RT014	Perchlorate	0	10/27/2011	µg/L
RT014	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT014	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT014	Tetrachloroethylene (PCE)	0	7/7/2011	µg/L
RT014	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT014	Tetrachloroethylene (PCE)	0.624	2/22/2012	µg/L
RT014	Tetrachloroethylene (PCE)	0	3/6/2012	µg/L
RT014	Trichloroethene (TCE)	2.28	5/6/2011	µg/L
RT014	Trichloroethene (TCE)	2	6/9/2011	µg/L
RT014	Trichloroethene (TCE)	1.82	7/7/2011	µg/L
RT014	Trichloroethene (TCE)	4.43	10/27/2011	µg/L
RT014	Trichloroethene (TCE)	20.2	2/22/2012	µg/L
RT014	Trichloroethene (TCE)	2.35	3/6/2012	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	0	5/6/2011	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	0	6/9/2011	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	0	7/7/2011	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	0	10/27/2011	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	0	2/22/2012	µg/L
RT015	1,1-Dichloroethane (1,1-DCA)	0	3/6/2012	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	0	5/6/2011	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	0	6/9/2011	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	0	7/7/2011	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	0	10/27/2011	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	0	2/22/2012	µg/L
RT015	1,1-Dichloroethene (1,1-DCE)	0	3/6/2012	µg/L
RT015	1,2-Dichloroethene-cis	0	5/6/2011	µg/L
RT015	1,2-Dichloroethene-cis	0	6/9/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
RT015	1,2-Dichloroethene-cis	0	7/7/2011	µg/L
RT015	1,2-Dichloroethene-cis	0	10/27/2011	µg/L
RT015	1,2-Dichloroethene-cis	0	2/22/2012	µg/L
RT015	1,2-Dichloroethene-cis	0	3/6/2012	µg/L
RT015	Bromide ,Ion-Chromatography	0.064	10/27/2011	mg/L
RT015	Carbon tetrachloride	0	5/6/2011	µg/L
RT015	Carbon tetrachloride	0	6/9/2011	µg/L
RT015	Carbon tetrachloride	0	7/7/2011	µg/L
RT015	Carbon tetrachloride	0	10/27/2011	µg/L
RT015	Carbon tetrachloride	0	2/22/2012	µg/L
RT015	Carbon tetrachloride	0	3/6/2012	µg/L
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/6/2011	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/9/2011	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/7/2011	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/27/2011	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/22/2012	NUM/100ml
RT015	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/6/2012	NUM/100ml
RT015	Methyl-t-butyl ether (MTBE)	0	5/6/2011	µg/L
RT015	Methyl-t-butyl ether (MTBE)	0	6/9/2011	µg/L
RT015	Methyl-t-butyl ether (MTBE)	0	7/7/2011	µg/L
RT015	Methyl-t-butyl ether (MTBE)	0	10/27/2011	µg/L
RT015	Methyl-t-butyl ether (MTBE)	0	2/22/2012	µg/L
RT015	Methyl-t-butyl ether (MTBE)	0	3/6/2012	µg/L
RT015	Nitrate (as NO3) ,calculated IC value	7.4	5/6/2011	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	8.15	6/9/2011	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	7.97	7/7/2011	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	8.11	10/27/2011	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	10.7	2/22/2012	mg/L
RT015	Nitrate (as NO3) ,calculated IC value	8.37	3/6/2012	mg/L
RT015	Perchlorate	0	7/7/2011	µg/L
RT015	Tetrachloroethylene (PCE)	0	5/6/2011	µg/L
RT015	Tetrachloroethylene (PCE)	0	6/9/2011	µg/L
RT015	Tetrachloroethylene (PCE)	0	7/7/2011	µg/L
RT015	Tetrachloroethylene (PCE)	0	10/27/2011	µg/L
RT015	Tetrachloroethylene (PCE)	0.561	2/22/2012	µg/L
RT015	Tetrachloroethylene (PCE)	0	3/6/2012	µg/L
RT015	Trichloroethene (TCE)	1.17	5/6/2011	µg/L
RT015	Trichloroethene (TCE)	1.59	6/9/2011	µg/L
RT015	Trichloroethene (TCE)	1.31	7/7/2011	µg/L
RT015	Trichloroethene (TCE)	1.43	10/27/2011	µg/L
RT015	Trichloroethene (TCE)	11.3	2/22/2012	µg/L
RT015	Trichloroethene (TCE)	1.79	3/6/2012	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	4/14/2011	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	5/9/2011	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	9/26/2011	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	11/21/2011	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	12/22/2011	µg/L
TJ001	1,1-Dichloroethane (1,1-DCA)	0	1/18/2012	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	0	4/14/2011	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	0	5/9/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ001	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	0	9/26/2011	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	0	11/21/2011	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	0	12/22/2011	µg/L
TJ001	1,1-Dichloroethene (1,1-DCE)	0	1/18/2012	µg/L
TJ001	1,2-Dichloroethene-cis	0	4/14/2011	µg/L
TJ001	1,2-Dichloroethene-cis	0	5/9/2011	µg/L
TJ001	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ001	1,2-Dichloroethene-cis	0	9/26/2011	µg/L
TJ001	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ001	1,2-Dichloroethene-cis	0	11/21/2011	µg/L
TJ001	1,2-Dichloroethene-cis	0	12/22/2011	µg/L
TJ001	1,2-Dichloroethene-cis	0	1/18/2012	µg/L
TJ001	1,4-Dioxane	0	1/18/2012	ug/L
TJ001	Carbon tetrachloride	0	4/14/2011	µg/L
TJ001	Carbon tetrachloride	0	5/9/2011	µg/L
TJ001	Carbon tetrachloride	0	8/30/2011	µg/L
TJ001	Carbon tetrachloride	0	9/26/2011	µg/L
TJ001	Carbon tetrachloride	0	10/20/2011	µg/L
TJ001	Carbon tetrachloride	0	11/21/2011	µg/L
TJ001	Carbon tetrachloride	0	12/22/2011	µg/L
TJ001	Carbon tetrachloride	0	1/18/2012	µg/L
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/14/2011	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/9/2011	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/26/2011	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/20/2011	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/21/2011	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/22/2011	NUM/100ml
TJ001	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ001	Methyl-t-butyl ether (MTBE)	0	4/14/2011	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	0	5/9/2011	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	0	9/26/2011	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	0	10/20/2011	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	0	11/21/2011	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	0	12/22/2011	µg/L
TJ001	Methyl-t-butyl ether (MTBE)	0	1/18/2012	µg/L
TJ001	Nitrate (as NO3) ,calculated IC value	28.5	4/14/2011	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	28.9	5/9/2011	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	23.7	8/30/2011	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	18	9/26/2011	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	21.5	10/20/2011	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	21.3	11/21/2011	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	21.4	12/22/2011	mg/L
TJ001	Nitrate (as NO3) ,calculated IC value	21.4	1/18/2012	mg/L
TJ001	Perchlorate	0	4/14/2011	µg/L
TJ001	Perchlorate	0	8/30/2011	µg/L
TJ001	Perchlorate	0	10/20/2011	µg/L
TJ001	Perchlorate	0	11/21/2011	µg/L
TJ001	Perchlorate	0	1/18/2012	µg/L
TJ001	Tetrachloroethylene (PCE)	0	4/14/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ001	Tetrachloroethylene (PCE)	0	5/9/2011	µg/L
TJ001	Tetrachloroethylene (PCE)	0	8/30/2011	µg/L
TJ001	Tetrachloroethylene (PCE)	0	9/26/2011	µg/L
TJ001	Tetrachloroethylene (PCE)	0	10/20/2011	µg/L
TJ001	Tetrachloroethylene (PCE)	0	11/21/2011	µg/L
TJ001	Tetrachloroethylene (PCE)	0	12/22/2011	µg/L
TJ001	Tetrachloroethylene (PCE)	0	1/18/2012	µg/L
TJ001	Trichloroethene (TCE)	0	4/14/2011	µg/L
TJ001	Trichloroethene (TCE)	0	5/9/2011	µg/L
TJ001	Trichloroethene (TCE)	0	8/30/2011	µg/L
TJ001	Trichloroethene (TCE)	0	9/26/2011	µg/L
TJ001	Trichloroethene (TCE)	0	10/20/2011	µg/L
TJ001	Trichloroethene (TCE)	0	11/21/2011	µg/L
TJ001	Trichloroethene (TCE)	0	12/22/2011	µg/L
TJ001	Trichloroethene (TCE)	0	1/18/2012	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	6/29/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	7/26/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	9/26/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	10/31/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	10/31/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	11/21/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	12/22/2011	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	1/18/2012	µg/L
TJ002	1,1-Dichloroethane (1,1-DCA)	0	2/15/2012	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	6/29/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	7/26/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	9/26/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	10/31/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	10/31/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	11/21/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	12/22/2011	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	1/18/2012	µg/L
TJ002	1,1-Dichloroethene (1,1-DCE)	0	2/15/2012	µg/L
TJ002	1,2-Dichloroethene-cis	0	6/29/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	7/26/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	9/26/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	10/31/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	10/31/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	11/21/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	12/22/2011	µg/L
TJ002	1,2-Dichloroethene-cis	0	1/18/2012	µg/L
TJ002	1,2-Dichloroethene-cis	0	2/15/2012	µg/L
TJ002	1,4-Dioxane	0	1/18/2012	ug/L
TJ002	Bromide ,Ion-Chromatography	0.081	7/26/2011	mg/L
TJ002	Carbon tetrachloride	0	6/29/2011	µg/L
TJ002	Carbon tetrachloride	0	7/26/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ002	Carbon tetrachloride	0	8/30/2011	µg/L
TJ002	Carbon tetrachloride	0	9/26/2011	µg/L
TJ002	Carbon tetrachloride	0	10/20/2011	µg/L
TJ002	Carbon tetrachloride	0	10/31/2011	µg/L
TJ002	Carbon tetrachloride	0	10/31/2011	µg/L
TJ002	Carbon tetrachloride	0	11/21/2011	µg/L
TJ002	Carbon tetrachloride	0	12/22/2011	µg/L
TJ002	Carbon tetrachloride	0	1/18/2012	µg/L
TJ002	Carbon tetrachloride	0	2/15/2012	µg/L
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/29/2011	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/26/2011	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/26/2011	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/20/2011	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/21/2011	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/22/2011	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ002	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/15/2012	NUM/100ml
TJ002	Methyl-t-butyl ether (MTBE)	0	6/29/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	7/26/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	9/26/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	1.06	10/20/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	10/31/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	10/31/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	11/21/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	12/22/2011	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	1/18/2012	µg/L
TJ002	Methyl-t-butyl ether (MTBE)	0	2/15/2012	µg/L
TJ002	Nitrate (as NO3) ,calculated IC value	21.3	6/29/2011	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	19.8	7/26/2011	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	19.7	8/30/2011	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	18.5	9/26/2011	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	16.7	10/20/2011	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	16.1	11/21/2011	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	15.6	12/22/2011	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	15.7	1/18/2012	mg/L
TJ002	Nitrate (as NO3) ,calculated IC value	16.4	2/15/2012	mg/L
TJ002	Perchlorate	0	6/29/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	6/29/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	7/26/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	8/30/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	9/26/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	10/20/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	10/31/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	10/31/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	11/21/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	12/22/2011	µg/L
TJ002	Tetrachloroethylene (PCE)	0	1/18/2012	µg/L
TJ002	Tetrachloroethylene (PCE)	0	2/15/2012	µg/L
TJ002	Trichloroethene (TCE)	0	6/29/2011	µg/L
TJ002	Trichloroethene (TCE)	0	7/26/2011	µg/L
TJ002	Trichloroethene (TCE)	0	8/30/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ002	Trichloroethene (TCE)	0	9/26/2011	µg/L
TJ002	Trichloroethene (TCE)	0	10/20/2011	µg/L
TJ002	Trichloroethene (TCE)	0	10/31/2011	µg/L
TJ002	Trichloroethene (TCE)	0	10/31/2011	µg/L
TJ002	Trichloroethene (TCE)	0	11/21/2011	µg/L
TJ002	Trichloroethene (TCE)	0	12/22/2011	µg/L
TJ002	Trichloroethene (TCE)	0	1/18/2012	µg/L
TJ002	Trichloroethene (TCE)	0	2/15/2012	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	0	11/15/2011	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	0	12/22/2011	µg/L
TJ003	1,1-Dichloroethane (1,1-DCA)	0	1/18/2012	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	0	11/15/2011	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	0	12/22/2011	µg/L
TJ003	1,1-Dichloroethene (1,1-DCE)	0	1/18/2012	µg/L
TJ003	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ003	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ003	1,2-Dichloroethene-cis	0	11/15/2011	µg/L
TJ003	1,2-Dichloroethene-cis	0	12/22/2011	µg/L
TJ003	1,2-Dichloroethene-cis	0	1/18/2012	µg/L
TJ003	1,4-Dioxane	0	1/18/2012	ug/L
TJ003	Bromide ,Ion-Chromatography	0.044	11/15/2011	mg/L
TJ003	Carbon tetrachloride	0	8/30/2011	µg/L
TJ003	Carbon tetrachloride	0	10/20/2011	µg/L
TJ003	Carbon tetrachloride	0	11/15/2011	µg/L
TJ003	Carbon tetrachloride	0	12/22/2011	µg/L
TJ003	Carbon tetrachloride	0	1/18/2012	µg/L
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/20/2011	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/15/2011	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/22/2011	NUM/100ml
TJ003	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ003	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	0	10/20/2011	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	0	11/15/2011	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	0	12/22/2011	µg/L
TJ003	Methyl-t-butyl ether (MTBE)	0	1/18/2012	µg/L
TJ003	Nitrate (as NO3) ,calculated IC value	16	8/30/2011	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	13.1	10/20/2011	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	8.15	11/15/2011	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	15.8	12/22/2011	mg/L
TJ003	Nitrate (as NO3) ,calculated IC value	16	1/18/2012	mg/L
TJ003	Perchlorate	0	8/30/2011	µg/L
TJ003	Tetrachloroethylene (PCE)	0	8/30/2011	µg/L
TJ003	Tetrachloroethylene (PCE)	0	10/20/2011	µg/L
TJ003	Tetrachloroethylene (PCE)	0	11/15/2011	µg/L
TJ003	Tetrachloroethylene (PCE)	0	12/22/2011	µg/L
TJ003	Tetrachloroethylene (PCE)	0	1/18/2012	µg/L
TJ003	Trichloroethene (TCE)	0	8/30/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ003	Trichloroethene (TCE)	0	10/20/2011	µg/L
TJ003	Trichloroethene (TCE)	0	11/15/2011	µg/L
TJ003	Trichloroethene (TCE)	0	12/22/2011	µg/L
TJ003	Trichloroethene (TCE)	0	1/18/2012	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	4/14/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	5/19/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	6/29/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	7/20/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	9/26/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	11/21/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	12/22/2011	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	1/18/2012	µg/L
TJ004	1,1-Dichloroethane (1,1-DCA)	0	3/15/2012	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	4/14/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	5/19/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	6/29/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	7/20/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	9/26/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	11/21/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	12/22/2011	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	1/18/2012	µg/L
TJ004	1,1-Dichloroethene (1,1-DCE)	0	3/15/2012	µg/L
TJ004	1,2-Dichloroethene-cis	0	4/14/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	5/19/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	6/29/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	7/20/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	9/26/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	11/21/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	12/22/2011	µg/L
TJ004	1,2-Dichloroethene-cis	0	1/18/2012	µg/L
TJ004	1,2-Dichloroethene-cis	0	3/15/2012	µg/L
TJ004	1,4-Dioxane	0	1/18/2012	ug/L
TJ004	Bromide ,Ion-Chromatography	0.072	5/19/2011	mg/L
TJ004	Carbon tetrachloride	0	4/14/2011	µg/L
TJ004	Carbon tetrachloride	0	5/19/2011	µg/L
TJ004	Carbon tetrachloride	0	6/29/2011	µg/L
TJ004	Carbon tetrachloride	0	7/20/2011	µg/L
TJ004	Carbon tetrachloride	0	8/30/2011	µg/L
TJ004	Carbon tetrachloride	0	9/26/2011	µg/L
TJ004	Carbon tetrachloride	0	10/20/2011	µg/L
TJ004	Carbon tetrachloride	0	11/21/2011	µg/L
TJ004	Carbon tetrachloride	0	12/22/2011	µg/L
TJ004	Carbon tetrachloride	0	1/18/2012	µg/L
TJ004	Carbon tetrachloride	0	3/15/2012	µg/L
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/14/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/19/2011	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/29/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/20/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/26/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/20/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/21/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/22/2011	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ004	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/15/2012	NUM/100ml
TJ004	Methyl-t-butyl ether (MTBE)	0	4/14/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	5/19/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	6/29/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	7/20/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	9/26/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	10/20/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	11/21/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	12/22/2011	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	1/18/2012	µg/L
TJ004	Methyl-t-butyl ether (MTBE)	0	3/15/2012	µg/L
TJ004	Nitrate (as NO3) ,calculated IC value	19.1	4/14/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	17.4	5/19/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	14.1	6/29/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	15.4	7/20/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	15	8/30/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	14.6	9/26/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	12.4	10/20/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	14	11/21/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	16.2	12/22/2011	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	15	1/18/2012	mg/L
TJ004	Nitrate (as NO3) ,calculated IC value	18.6	3/15/2012	mg/L
TJ004	Perchlorate	0	8/30/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	4/14/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	5/19/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	6/29/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	7/20/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	8/30/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	9/26/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	10/20/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	11/21/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	12/22/2011	µg/L
TJ004	Tetrachloroethylene (PCE)	0	1/18/2012	µg/L
TJ004	Tetrachloroethylene (PCE)	0.574	3/15/2012	µg/L
TJ004	Trichloroethene (TCE)	0	4/14/2011	µg/L
TJ004	Trichloroethene (TCE)	0	5/19/2011	µg/L
TJ004	Trichloroethene (TCE)	0	6/29/2011	µg/L
TJ004	Trichloroethene (TCE)	0	7/20/2011	µg/L
TJ004	Trichloroethene (TCE)	0	8/30/2011	µg/L
TJ004	Trichloroethene (TCE)	0	9/26/2011	µg/L
TJ004	Trichloroethene (TCE)	0	10/20/2011	µg/L
TJ004	Trichloroethene (TCE)	0	11/21/2011	µg/L
TJ004	Trichloroethene (TCE)	0	12/22/2011	µg/L
TJ004	Trichloroethene (TCE)	0	1/18/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ004	Trichloroethene (TCE)	0.95	3/15/2012	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	4/6/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	5/4/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	7/6/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	8/3/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	9/8/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	10/6/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	11/9/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	12/8/2011	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	1/4/2012	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	2/8/2012	µg/L
TJ005	1,1-Dichloroethane (1,1-DCA)	0	3/15/2012	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	4/6/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	5/4/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	6/8/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	6/8/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	7/6/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	8/3/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	9/8/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	10/6/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	11/9/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	12/8/2011	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	1/4/2012	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	2/8/2012	µg/L
TJ005	1,1-Dichloroethene (1,1-DCE)	0	3/15/2012	µg/L
TJ005	1,2-Dichloroethene-cis	0	4/6/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	5/4/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	6/8/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	7/6/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	8/3/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	9/8/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	10/6/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	11/9/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	12/8/2011	µg/L
TJ005	1,2-Dichloroethene-cis	0	1/4/2012	µg/L
TJ005	1,2-Dichloroethene-cis	0	2/8/2012	µg/L
TJ005	1,2-Dichloroethene-cis	0	3/15/2012	µg/L
TJ005	1,4-Dioxane	0	4/7/2011	ug/L
TJ005	1,4-Dioxane	0	5/31/2011	ug/L
TJ005	1,4-Dioxane	0	6/8/2011	ug/L
TJ005	1,4-Dioxane	0	7/28/2011	ug/L
TJ005	1,4-Dioxane	0	8/25/2011	ug/L
TJ005	1,4-Dioxane	0	9/29/2011	ug/L
TJ005	1,4-Dioxane	0	10/31/2011	ug/L
TJ005	1,4-Dioxane	0	11/21/2011	ug/L
TJ005	1,4-Dioxane	0	12/28/2011	ug/L
TJ005	1,4-Dioxane	0	1/18/2012	ug/L
TJ005	1,4-Dioxane	0	2/8/2012	ug/L
TJ005	1,4-Dioxane	0	3/15/2012	ug/L
TJ005	Bromide ,Ion-Chromatography	0.073	6/8/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ005	Bromide ,Ion-Chromatography	0.065	1/18/2012	mg/L
TJ005	Carbon tetrachloride	0	4/6/2011	µg/L
TJ005	Carbon tetrachloride	0	5/4/2011	µg/L
TJ005	Carbon tetrachloride	0	6/8/2011	µg/L
TJ005	Carbon tetrachloride	0	6/8/2011	µg/L
TJ005	Carbon tetrachloride	0	7/6/2011	µg/L
TJ005	Carbon tetrachloride	0	8/3/2011	µg/L
TJ005	Carbon tetrachloride	0	9/8/2011	µg/L
TJ005	Carbon tetrachloride	0	10/6/2011	µg/L
TJ005	Carbon tetrachloride	0	11/9/2011	µg/L
TJ005	Carbon tetrachloride	0	12/8/2011	µg/L
TJ005	Carbon tetrachloride	0	1/4/2012	µg/L
TJ005	Carbon tetrachloride	0	2/8/2012	µg/L
TJ005	Carbon tetrachloride	0	3/15/2012	µg/L
TJ005	Chromium (Cr) Total, ICP/MS	1.3	4/6/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.2	5/4/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	0	7/6/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.3	8/3/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.1	9/8/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	0	10/6/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.3	11/9/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.2	12/8/2011	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.4	1/4/2012	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.3	2/8/2012	ug/L
TJ005	Chromium (Cr) Total, ICP/MS	1.7	3/15/2012	ug/L
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/6/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/4/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/8/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/6/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/3/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/8/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/6/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/9/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/8/2011	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/4/2012	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/8/2012	NUM/100ml
TJ005	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/15/2012	NUM/100ml
TJ005	Methyl-t-butyl ether (MTBE)	0	4/6/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	5/4/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	6/8/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	7/6/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	8/3/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	9/8/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	10/6/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	11/9/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	12/8/2011	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	1/4/2012	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	2/8/2012	µg/L
TJ005	Methyl-t-butyl ether (MTBE)	0	3/15/2012	µg/L
TJ005	Nitrate (as NO3) ,calculated IC value	20.7	4/6/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	19.4	5/4/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	18	6/8/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	13.7	7/6/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ005	Nitrate (as NO3) ,calculated IC value	17.1	8/3/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	14.1	9/8/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	14.8	10/6/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	15.2	11/9/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	14.8	12/8/2011	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	16.2	1/4/2012	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	16.2	1/18/2012	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	17.2	2/8/2012	mg/L
TJ005	Nitrate (as NO3) ,calculated IC value	18.1	3/15/2012	mg/L
TJ005	Perchlorate	0	4/6/2011	µg/L
TJ005	Perchlorate	0	5/4/2011	µg/L
TJ005	Perchlorate	0	6/8/2011	µg/L
TJ005	Perchlorate	0	6/8/2011	µg/L
TJ005	Perchlorate	0	7/6/2011	µg/L
TJ005	Perchlorate	0	8/3/2011	µg/L
TJ005	Perchlorate	0	9/8/2011	µg/L
TJ005	Perchlorate	0	10/6/2011	µg/L
TJ005	Perchlorate	0	11/9/2011	µg/L
TJ005	Perchlorate	0	12/8/2011	µg/L
TJ005	Perchlorate	0	1/4/2012	µg/L
TJ005	Perchlorate	0	2/8/2012	µg/L
TJ005	Perchlorate	0	3/15/2012	µg/L
TJ005	Tetrachloroethylene (PCE)	0	4/6/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0	5/4/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0.63	6/8/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0.694	6/8/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0	7/6/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0.543	8/3/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0	9/8/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0	10/6/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0	11/9/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0	12/8/2011	µg/L
TJ005	Tetrachloroethylene (PCE)	0	1/4/2012	µg/L
TJ005	Tetrachloroethylene (PCE)	0	2/8/2012	µg/L
TJ005	Tetrachloroethylene (PCE)	0.767	3/15/2012	µg/L
TJ005	Trichloroethene (TCE)	0	4/6/2011	µg/L
TJ005	Trichloroethene (TCE)	0	5/4/2011	µg/L
TJ005	Trichloroethene (TCE)	0.967	6/8/2011	µg/L
TJ005	Trichloroethene (TCE)	0	7/6/2011	µg/L
TJ005	Trichloroethene (TCE)	0.789	8/3/2011	µg/L
TJ005	Trichloroethene (TCE)	0	9/8/2011	µg/L
TJ005	Trichloroethene (TCE)	0	10/6/2011	µg/L
TJ005	Trichloroethene (TCE)	0	11/9/2011	µg/L
TJ005	Trichloroethene (TCE)	0	12/8/2011	µg/L
TJ005	Trichloroethene (TCE)	0	1/4/2012	µg/L
TJ005	Trichloroethene (TCE)	0	2/8/2012	µg/L
TJ005	Trichloroethene (TCE)	1.28	3/15/2012	µg/L
TJ005	Trichloroethylene (TCE)	0.84	6/8/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	4/6/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	4/13/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	4/20/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	4/27/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ006	1,1-Dichloroethane (1,1-DCA)	0	5/4/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	5/11/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	5/18/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	5/25/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	6/1/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	6/15/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	6/22/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	6/29/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	7/6/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	8/3/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	9/7/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	10/6/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	11/9/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	12/8/2011	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	1/4/2012	µg/L
TJ006	1,1-Dichloroethane (1,1-DCA)	0	2/8/2012	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.79	4/6/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.56	4/13/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.36	4/20/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.12	4/27/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.91	5/4/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.19	5/11/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.23	5/18/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.59	5/25/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.66	6/1/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.5	6/8/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.96	6/8/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.29	6/15/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.88	6/22/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.72	6/29/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.63	7/6/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	1.98	8/3/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.06	9/7/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.51	10/6/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.49	11/9/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.62	12/8/2011	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	2.43	1/4/2012	µg/L
TJ006	1,1-Dichloroethene (1,1-DCE)	3.36	2/8/2012	µg/L
TJ006	1,2-Dichloroethene-cis	0	4/6/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	4/13/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	4/20/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	4/27/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	5/4/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	5/11/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	5/18/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	5/25/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	6/1/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	6/8/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	6/15/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	6/22/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	6/29/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ006	1,2-Dichloroethene-cis	0	7/6/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	8/3/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	9/7/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	10/6/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	11/9/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	12/8/2011	µg/L
TJ006	1,2-Dichloroethene-cis	0	1/4/2012	µg/L
TJ006	1,2-Dichloroethene-cis	0	2/8/2012	µg/L
TJ006	1,4-Dioxane	0	4/7/2011	ug/L
TJ006	1,4-Dioxane	0	5/31/2011	ug/L
TJ006	1,4-Dioxane	0	6/8/2011	ug/L
TJ006	1,4-Dioxane	0	7/28/2011	ug/L
TJ006	1,4-Dioxane	0	8/25/2011	ug/L
TJ006	1,4-Dioxane	0	9/29/2011	ug/L
TJ006	1,4-Dioxane	0	10/31/2011	ug/L
TJ006	1,4-Dioxane	0	11/21/2011	ug/L
TJ006	1,4-Dioxane	0	12/29/2011	ug/L
TJ006	1,4-Dioxane	0	1/18/2012	ug/L
TJ006	1,4-Dioxane	0	2/8/2012	ug/L
TJ006	Bromide ,Ion-Chromatography	0.097	6/8/2011	mg/L
TJ006	Bromide ,Ion-Chromatography	0.082	1/18/2012	mg/L
TJ006	Carbon tetrachloride	0	4/6/2011	µg/L
TJ006	Carbon tetrachloride	0	4/13/2011	µg/L
TJ006	Carbon tetrachloride	0	4/20/2011	µg/L
TJ006	Carbon tetrachloride	0	4/27/2011	µg/L
TJ006	Carbon tetrachloride	0	5/4/2011	µg/L
TJ006	Carbon tetrachloride	0	5/11/2011	µg/L
TJ006	Carbon tetrachloride	0	5/18/2011	µg/L
TJ006	Carbon tetrachloride	0	5/25/2011	µg/L
TJ006	Carbon tetrachloride	0	6/1/2011	µg/L
TJ006	Carbon tetrachloride	0	6/8/2011	µg/L
TJ006	Carbon tetrachloride	0	6/8/2011	µg/L
TJ006	Carbon tetrachloride	0	6/15/2011	µg/L
TJ006	Carbon tetrachloride	0	6/22/2011	µg/L
TJ006	Carbon tetrachloride	0	6/29/2011	µg/L
TJ006	Carbon tetrachloride	0	7/6/2011	µg/L
TJ006	Carbon tetrachloride	0	8/3/2011	µg/L
TJ006	Carbon tetrachloride	0	9/7/2011	µg/L
TJ006	Carbon tetrachloride	0	10/6/2011	µg/L
TJ006	Carbon tetrachloride	0	11/9/2011	µg/L
TJ006	Carbon tetrachloride	0	12/8/2011	µg/L
TJ006	Carbon tetrachloride	0	1/4/2012	µg/L
TJ006	Carbon tetrachloride	0	2/8/2012	µg/L
TJ006	Chromium (Cr) Total, ICP/MS	1.2	4/6/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.2	5/4/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.2	7/6/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.2	8/3/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.2	9/7/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1	10/6/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.1	11/9/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.1	12/8/2011	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1.2	1/4/2012	ug/L
TJ006	Chromium (Cr) Total, ICP/MS	1	2/8/2012	ug/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ006	Coliform Total (CL,MPN) ,MM0-MUG	0	12/16/2011	MPN/100ml
TJ006	Coliform Total (CL,MPN) ,MM0-MUG	0	12/29/2011	MPN/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/6/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/13/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/20/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/27/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/4/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/11/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/18/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/25/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/1/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/8/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/15/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/22/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/29/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/6/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/13/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/20/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/27/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/3/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/10/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/17/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/24/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/31/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/7/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/14/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/21/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/28/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/6/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/12/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/19/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/26/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/2/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/9/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/16/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/23/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/30/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/8/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	2	12/14/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/21/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	1	12/28/2011	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/4/2012	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/11/2012	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/25/2012	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/1/2012	NUM/100ml
TJ006	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/8/2012	NUM/100ml
TJ006	Methyl-t-butyl ether (MTBE)	0	4/6/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	4/13/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	4/20/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	4/27/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	5/4/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	5/11/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ006	Methyl-t-butyl ether (MTBE)	0	5/18/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	5/25/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	6/1/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	6/8/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	6/15/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	6/22/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	6/29/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	7/6/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	8/3/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	9/7/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	10/6/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	11/9/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	12/8/2011	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	1/4/2012	µg/L
TJ006	Methyl-t-butyl ether (MTBE)	0	2/8/2012	µg/L
TJ006	Nitrate (as NO3) ,calculated IC value	25.3	4/6/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	22.2	5/4/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	21.8	6/8/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	20.2	7/6/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	20.4	8/3/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	22.2	9/7/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	22.2	10/6/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	21	11/9/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	21.4	12/8/2011	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	21.7	1/4/2012	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	21.7	1/18/2012	mg/L
TJ006	Nitrate (as NO3) ,calculated IC value	23.9	2/8/2012	mg/L
TJ006	Perchlorate	0	4/6/2011	µg/L
TJ006	Perchlorate	0	5/4/2011	µg/L
TJ006	Perchlorate	0	6/8/2011	µg/L
TJ006	Perchlorate	0	6/8/2011	µg/L
TJ006	Perchlorate	0	7/6/2011	µg/L
TJ006	Perchlorate	0	8/3/2011	µg/L
TJ006	Perchlorate	0	9/7/2011	µg/L
TJ006	Perchlorate	0	10/6/2011	µg/L
TJ006	Perchlorate	0	11/9/2011	µg/L
TJ006	Perchlorate	0	12/8/2011	µg/L
TJ006	Perchlorate	0	1/4/2012	µg/L
TJ006	Perchlorate	0	2/8/2012	µg/L
TJ006	Tetrachloroethylene (PCE)	12.1	4/6/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	11.1	4/13/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	10.2	4/20/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	9.61	4/27/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	8.96	5/4/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	9.19	5/11/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	9.38	5/18/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	7.85	5/25/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	8.17	6/1/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	10	6/8/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	10.7	6/8/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	11.9	6/15/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	9.15	6/22/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	9.23	6/29/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ006	Tetrachloroethylene (PCE)	8.94	7/6/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	10.4	8/3/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	12.1	9/7/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	15.3	10/6/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	11.1	11/9/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	12.9	12/8/2011	µg/L
TJ006	Tetrachloroethylene (PCE)	11.7	1/4/2012	µg/L
TJ006	Tetrachloroethylene (PCE)	16	2/8/2012	µg/L
TJ006	Trichloroethene (TCE)	14.5	4/6/2011	µg/L
TJ006	Trichloroethene (TCE)	13	4/13/2011	µg/L
TJ006	Trichloroethene (TCE)	12.3	4/20/2011	µg/L
TJ006	Trichloroethene (TCE)	11.4	4/27/2011	µg/L
TJ006	Trichloroethene (TCE)	10.5	5/4/2011	µg/L
TJ006	Trichloroethene (TCE)	11	5/11/2011	µg/L
TJ006	Trichloroethene (TCE)	10.6	5/18/2011	µg/L
TJ006	Trichloroethene (TCE)	9.2	5/25/2011	µg/L
TJ006	Trichloroethene (TCE)	9.67	6/1/2011	µg/L
TJ006	Trichloroethene (TCE)	11.6	6/8/2011	µg/L
TJ006	Trichloroethene (TCE)	13.1	6/15/2011	µg/L
TJ006	Trichloroethene (TCE)	10.6	6/22/2011	µg/L
TJ006	Trichloroethene (TCE)	10.1	6/29/2011	µg/L
TJ006	Trichloroethene (TCE)	9.63	7/6/2011	µg/L
TJ006	Trichloroethene (TCE)	11.3	8/3/2011	µg/L
TJ006	Trichloroethene (TCE)	11.8	9/7/2011	µg/L
TJ006	Trichloroethene (TCE)	14.5	10/6/2011	µg/L
TJ006	Trichloroethene (TCE)	11.6	11/9/2011	µg/L
TJ006	Trichloroethene (TCE)	12.2	12/8/2011	µg/L
TJ006	Trichloroethene (TCE)	10.9	1/4/2012	µg/L
TJ006	Trichloroethene (TCE)	15.3	2/8/2012	µg/L
TJ006	Trichloroethylene (TCE)	11	6/8/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	4/6/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	5/4/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	7/6/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	8/3/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	9/7/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	10/6/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	11/9/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	12/8/2011	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	1/4/2012	µg/L
TJ007	1,1-Dichloroethane (1,1-DCA)	0	2/8/2012	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	6.12	4/6/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	5.76	5/4/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	4.4	6/8/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	5.47	6/8/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	4.87	7/6/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	5.96	8/3/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	3.93	9/7/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	3.36	10/6/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	4.33	11/9/2011	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	3.8	12/8/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ007	1,1-Dichloroethene (1,1-DCE)	4.18	1/4/2012	µg/L
TJ007	1,1-Dichloroethene (1,1-DCE)	3.56	2/8/2012	µg/L
TJ007	1,2-Dichloroethene-cis	0.517	4/6/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0.501	5/4/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0	6/8/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0	7/6/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0.51	8/3/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0	9/7/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0	10/6/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0	11/9/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0	12/8/2011	µg/L
TJ007	1,2-Dichloroethene-cis	0	1/4/2012	µg/L
TJ007	1,2-Dichloroethene-cis	0	2/8/2012	µg/L
TJ007	1,4-Dioxane	0	4/7/2011	ug/L
TJ007	1,4-Dioxane	0	5/31/2011	ug/L
TJ007	1,4-Dioxane	0	6/8/2011	ug/L
TJ007	1,4-Dioxane	0	7/28/2011	ug/L
TJ007	1,4-Dioxane	0	8/25/2011	ug/L
TJ007	1,4-Dioxane	0	9/29/2011	ug/L
TJ007	1,4-Dioxane	0	10/31/2011	ug/L
TJ007	1,4-Dioxane	0	11/21/2011	ug/L
TJ007	1,4-Dioxane	0	12/29/2011	ug/L
TJ007	1,4-Dioxane	0	1/18/2012	ug/L
TJ007	1,4-Dioxane	0	2/8/2012	ug/L
TJ007	Bromide ,Ion-Chromatography	0.131	6/8/2011	mg/L
TJ007	Carbon tetrachloride	0.398	4/6/2011	µg/L
TJ007	Carbon tetrachloride	0.358	5/4/2011	µg/L
TJ007	Carbon tetrachloride	0	6/8/2011	µg/L
TJ007	Carbon tetrachloride	0.341	6/8/2011	µg/L
TJ007	Carbon tetrachloride	0.331	7/6/2011	µg/L
TJ007	Carbon tetrachloride	0.39	8/3/2011	µg/L
TJ007	Carbon tetrachloride	0.288	9/7/2011	µg/L
TJ007	Carbon tetrachloride	0	10/6/2011	µg/L
TJ007	Carbon tetrachloride	0.312	11/9/2011	µg/L
TJ007	Carbon tetrachloride	0.277	12/8/2011	µg/L
TJ007	Carbon tetrachloride	0.292	1/4/2012	µg/L
TJ007	Carbon tetrachloride	0.306	2/8/2012	µg/L
TJ007	Chromium (Cr) Total, ICP/MS	1.5	4/6/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.6	5/4/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.4	7/6/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.4	8/3/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.4	9/7/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.2	10/6/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.3	11/9/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.2	12/8/2011	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.3	1/4/2012	ug/L
TJ007	Chromium (Cr) Total, ICP/MS	1.2	2/8/2012	ug/L
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/6/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/13/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/20/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/27/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/4/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/11/2011	NUM/100ml

Location Code	Analyte Name	Result	Collection Date	Units
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/18/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/25/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/1/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/8/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/15/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/22/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/29/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/6/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/13/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/20/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/27/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/3/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/10/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/17/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/24/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/31/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/7/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/14/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/21/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/28/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/6/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/12/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/19/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/26/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/2/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/9/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/16/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/23/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/30/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/8/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/14/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/21/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/28/2011	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/4/2012	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/11/2012	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/25/2012	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/1/2012	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/8/2012	NUM/100ml
TJ007	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/15/2012	NUM/100ml
TJ007	Methyl-t-butyl ether (MTBE)	0	4/6/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	5/4/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	6/8/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	7/6/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	8/3/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	9/7/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	10/6/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	11/9/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	12/8/2011	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	1/4/2012	µg/L
TJ007	Methyl-t-butyl ether (MTBE)	0	2/8/2012	µg/L
TJ007	Nitrate (as NO3) ,calculated IC value	33.9	4/6/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	31.5	5/4/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ007	Nitrate (as NO3) ,calculated IC value	31.2	6/8/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	29.1	7/6/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	30.2	8/3/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	30.6	9/7/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	26	10/6/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	26.9	11/9/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	27.1	12/8/2011	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	28	1/4/2012	mg/L
TJ007	Nitrate (as NO3) ,calculated IC value	27.7	2/8/2012	mg/L
TJ007	Perchlorate	2.27	4/6/2011	µg/L
TJ007	Perchlorate	0	5/4/2011	µg/L
TJ007	Perchlorate	2.47	6/8/2011	µg/L
TJ007	Perchlorate	2.22	6/8/2011	µg/L
TJ007	Perchlorate	0	7/6/2011	µg/L
TJ007	Perchlorate	0	8/3/2011	µg/L
TJ007	Perchlorate	0	9/7/2011	µg/L
TJ007	Perchlorate	0	10/6/2011	µg/L
TJ007	Perchlorate	0	11/9/2011	µg/L
TJ007	Perchlorate	0	12/8/2011	µg/L
TJ007	Perchlorate	0	1/4/2012	µg/L
TJ007	Perchlorate	2.05	2/8/2012	µg/L
TJ007	Tetrachloroethylene (PCE)	18.6	4/6/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	17.8	5/4/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	17	6/8/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	18.9	6/8/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	17.4	7/6/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	20.8	8/3/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	15.4	9/7/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	12.9	10/6/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	12.7	11/9/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	12.2	12/8/2011	µg/L
TJ007	Tetrachloroethylene (PCE)	12.8	1/4/2012	µg/L
TJ007	Tetrachloroethylene (PCE)	10.7	2/8/2012	µg/L
TJ007	Trichloroethene (TCE)	22.1	4/6/2011	µg/L
TJ007	Trichloroethene (TCE)	20.9	5/4/2011	µg/L
TJ007	Trichloroethene (TCE)	20.4	6/8/2011	µg/L
TJ007	Trichloroethene (TCE)	18.9	7/6/2011	µg/L
TJ007	Trichloroethene (TCE)	22.8	8/3/2011	µg/L
TJ007	Trichloroethene (TCE)	17.7	9/7/2011	µg/L
TJ007	Trichloroethene (TCE)	16.2	10/6/2011	µg/L
TJ007	Trichloroethene (TCE)	16.6	11/9/2011	µg/L
TJ007	Trichloroethene (TCE)	15.9	12/8/2011	µg/L
TJ007	Trichloroethene (TCE)	16.1	1/4/2012	µg/L
TJ007	Trichloroethene (TCE)	15.7	2/8/2012	µg/L
TJ007	Trichloroethylene (TCE)	18	6/8/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	4/6/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	5/4/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	6/8/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	7/6/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	8/3/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	9/8/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ008	1,1-Dichloroethane (1,1-DCA)	0	10/6/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	11/9/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	12/8/2011	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	1/4/2012	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	2/8/2012	µg/L
TJ008	1,1-Dichloroethane (1,1-DCA)	0	3/15/2012	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	1.41	4/6/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0	5/4/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0	6/8/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0	6/8/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0	7/6/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	1.84	8/3/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0	9/8/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0	10/6/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0.815	11/9/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	0.821	12/8/2011	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	1.23	1/4/2012	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	1.39	2/8/2012	µg/L
TJ008	1,1-Dichloroethene (1,1-DCE)	2.63	3/15/2012	µg/L
TJ008	1,2-Dichloroethene-cis	0	4/6/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	5/4/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	6/8/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	7/6/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	8/3/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	9/8/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	10/6/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	11/9/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	12/8/2011	µg/L
TJ008	1,2-Dichloroethene-cis	0	1/4/2012	µg/L
TJ008	1,2-Dichloroethene-cis	0	2/8/2012	µg/L
TJ008	1,2-Dichloroethene-cis	0	3/15/2012	µg/L
TJ008	1,4-Dioxane	0	4/7/2011	ug/L
TJ008	1,4-Dioxane	0	5/31/2011	ug/L
TJ008	1,4-Dioxane	0	6/8/2011	ug/L
TJ008	1,4-Dioxane	0	7/28/2011	ug/L
TJ008	1,4-Dioxane	0	8/25/2011	ug/L
TJ008	1,4-Dioxane	0	9/29/2011	ug/L
TJ008	1,4-Dioxane	0	10/31/2011	ug/L
TJ008	1,4-Dioxane	0	11/21/2011	ug/L
TJ008	1,4-Dioxane	0	12/28/2011	ug/L
TJ008	1,4-Dioxane	0	1/18/2012	ug/L
TJ008	1,4-Dioxane	0	2/8/2012	ug/L
TJ008	1,4-Dioxane	0	3/15/2012	ug/L
TJ008	Bromide ,Ion-Chromatography	0.062	6/8/2011	mg/L
TJ008	Carbon tetrachloride	0	4/6/2011	µg/L
TJ008	Carbon tetrachloride	0	5/4/2011	µg/L
TJ008	Carbon tetrachloride	0	6/8/2011	µg/L
TJ008	Carbon tetrachloride	0	6/8/2011	µg/L
TJ008	Carbon tetrachloride	0	7/6/2011	µg/L
TJ008	Carbon tetrachloride	0	8/3/2011	µg/L
TJ008	Carbon tetrachloride	0	9/8/2011	µg/L
TJ008	Carbon tetrachloride	0	10/6/2011	µg/L
TJ008	Carbon tetrachloride	0	11/9/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ008	Carbon tetrachloride	0	12/8/2011	µg/L
TJ008	Carbon tetrachloride	0	1/4/2012	µg/L
TJ008	Carbon tetrachloride	0	2/8/2012	µg/L
TJ008	Carbon tetrachloride	0	3/15/2012	µg/L
TJ008	Chromium (Cr) Total, ICP/MS	0	4/6/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	5/4/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	7/6/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	8/3/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	9/8/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	10/6/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	11/9/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	12/8/2011	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	1/4/2012	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	0	2/8/2012	ug/L
TJ008	Chromium (Cr) Total, ICP/MS	1.1	3/15/2012	ug/L
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/6/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/4/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/8/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/6/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/3/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/8/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/6/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/9/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/8/2011	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/4/2012	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/8/2012	NUM/100ml
TJ008	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/15/2012	NUM/100ml
TJ008	Methyl-t-butyl ether (MTBE)	0	4/6/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	5/4/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	6/8/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	7/6/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	8/3/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	9/8/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	10/6/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	11/9/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	12/8/2011	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	1/4/2012	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	2/8/2012	µg/L
TJ008	Methyl-t-butyl ether (MTBE)	0	3/15/2012	µg/L
TJ008	Nitrate (as NO3) ,calculated IC value	9.88	4/6/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	4.61	5/4/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	5.14	6/8/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	5.18	7/6/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	21.8	8/3/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	5.45	9/8/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	4.96	10/6/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	9.52	11/9/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	11.9	12/8/2011	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	14.5	1/4/2012	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	18.1	2/8/2012	mg/L
TJ008	Nitrate (as NO3) ,calculated IC value	37.2	3/15/2012	mg/L
TJ008	Perchlorate	0	4/6/2011	µg/L
TJ008	Perchlorate	0	5/4/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ008	Perchlorate	0	6/8/2011	µg/L
TJ008	Perchlorate	0	6/8/2011	µg/L
TJ008	Perchlorate	0	7/6/2011	µg/L
TJ008	Perchlorate	0	8/3/2011	µg/L
TJ008	Perchlorate	0	9/8/2011	µg/L
TJ008	Perchlorate	0	10/6/2011	µg/L
TJ008	Perchlorate	0	11/9/2011	µg/L
TJ008	Perchlorate	0	12/8/2011	µg/L
TJ008	Perchlorate	0	1/4/2012	µg/L
TJ008	Perchlorate	0	2/8/2012	µg/L
TJ008	Perchlorate	2.87	3/15/2012	µg/L
TJ008	Tetrachloroethylene (PCE)	0	4/6/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	5/4/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	6/8/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	6/8/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	7/6/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	2.08	8/3/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	9/8/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	10/6/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	11/9/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0	12/8/2011	µg/L
TJ008	Tetrachloroethylene (PCE)	0.504	1/4/2012	µg/L
TJ008	Tetrachloroethylene (PCE)	0.55	2/8/2012	µg/L
TJ008	Tetrachloroethylene (PCE)	2.03	3/15/2012	µg/L
TJ008	Trichloroethene (TCE)	2.12	4/6/2011	µg/L
TJ008	Trichloroethene (TCE)	0	5/4/2011	µg/L
TJ008	Trichloroethene (TCE)	0	6/8/2011	µg/L
TJ008	Trichloroethene (TCE)	0	7/6/2011	µg/L
TJ008	Trichloroethene (TCE)	7.37	8/3/2011	µg/L
TJ008	Trichloroethene (TCE)	0	9/8/2011	µg/L
TJ008	Trichloroethene (TCE)	0	10/6/2011	µg/L
TJ008	Trichloroethene (TCE)	1.89	11/9/2011	µg/L
TJ008	Trichloroethene (TCE)	2.51	12/8/2011	µg/L
TJ008	Trichloroethene (TCE)	3.36	1/4/2012	µg/L
TJ008	Trichloroethene (TCE)	4.44	2/8/2012	µg/L
TJ008	Trichloroethene (TCE)	10.1	3/15/2012	µg/L
TJ008	Trichloroethylene (TCE)	0	6/8/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	4/14/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	5/9/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	6/29/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	7/20/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	9/26/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ009	1,1-Dichloroethane (1,1-DCA)	0	1/31/2012	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0	4/14/2011	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0	5/9/2011	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0	6/29/2011	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0	7/20/2011	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0	9/26/2011	µg/L
TJ009	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ009	1,1-Dichloroethene (1,1-DCE)	0	1/31/2012	µg/L
TJ009	1,2-Dichloroethene-cis	0	4/14/2011	µg/L
TJ009	1,2-Dichloroethene-cis	0	5/9/2011	µg/L
TJ009	1,2-Dichloroethene-cis	0	6/29/2011	µg/L
TJ009	1,2-Dichloroethene-cis	0	7/20/2011	µg/L
TJ009	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ009	1,2-Dichloroethene-cis	0	9/26/2011	µg/L
TJ009	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ009	1,2-Dichloroethene-cis	0	1/31/2012	µg/L
TJ009	1,4-Dioxane	0	1/31/2012	ug/L
TJ009	Carbon tetrachloride	0	4/14/2011	µg/L
TJ009	Carbon tetrachloride	0	5/9/2011	µg/L
TJ009	Carbon tetrachloride	0	6/29/2011	µg/L
TJ009	Carbon tetrachloride	0	7/20/2011	µg/L
TJ009	Carbon tetrachloride	0	8/30/2011	µg/L
TJ009	Carbon tetrachloride	0	9/26/2011	µg/L
TJ009	Carbon tetrachloride	0	10/20/2011	µg/L
TJ009	Carbon tetrachloride	0	1/31/2012	µg/L
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/14/2011	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/9/2011	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/29/2011	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/20/2011	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/26/2011	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/20/2011	NUM/100ml
TJ009	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/31/2012	NUM/100ml
TJ009	Methyl-t-butyl ether (MTBE)	0	4/14/2011	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	0	5/9/2011	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	0	6/29/2011	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	0	7/20/2011	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	0	9/26/2011	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	0	10/20/2011	µg/L
TJ009	Methyl-t-butyl ether (MTBE)	0	1/31/2012	µg/L
TJ009	Nitrate (as NO3) ,calculated IC value	3.24	4/14/2011	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	3.68	5/9/2011	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	3.58	6/29/2011	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	3.17	7/20/2011	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	3.15	8/30/2011	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	2.9	9/26/2011	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	2.55	10/20/2011	mg/L
TJ009	Nitrate (as NO3) ,calculated IC value	5.89	1/31/2012	mg/L
TJ009	Perchlorate	0	4/14/2011	µg/L
TJ009	Perchlorate	0	7/20/2011	µg/L
TJ009	Perchlorate	0	10/20/2011	µg/L
TJ009	Perchlorate	0	1/31/2012	µg/L
TJ009	Tetrachloroethylene (PCE)	0	4/14/2011	µg/L
TJ009	Tetrachloroethylene (PCE)	0	5/9/2011	µg/L
TJ009	Tetrachloroethylene (PCE)	0	6/29/2011	µg/L
TJ009	Tetrachloroethylene (PCE)	0	7/20/2011	µg/L
TJ009	Tetrachloroethylene (PCE)	0	8/30/2011	µg/L
TJ009	Tetrachloroethylene (PCE)	0	9/26/2011	µg/L
TJ009	Tetrachloroethylene (PCE)	0	10/20/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ009	Tetrachloroethylene (PCE)	0	1/31/2012	µg/L
TJ009	Trichloroethene (TCE)	0	4/14/2011	µg/L
TJ009	Trichloroethene (TCE)	0	5/9/2011	µg/L
TJ009	Trichloroethene (TCE)	0	6/29/2011	µg/L
TJ009	Trichloroethene (TCE)	0	7/20/2011	µg/L
TJ009	Trichloroethene (TCE)	0	8/30/2011	µg/L
TJ009	Trichloroethene (TCE)	0	9/26/2011	µg/L
TJ009	Trichloroethene (TCE)	0	10/20/2011	µg/L
TJ009	Trichloroethene (TCE)	0.859	1/31/2012	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	0	9/26/2011	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	0	11/21/2011	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	0	12/22/2011	µg/L
TJ010	1,1-Dichloroethane (1,1-DCA)	0	1/18/2012	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0	9/26/2011	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0	11/21/2011	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0	12/22/2011	µg/L
TJ010	1,1-Dichloroethene (1,1-DCE)	0	1/18/2012	µg/L
TJ010	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ010	1,2-Dichloroethene-cis	0	9/26/2011	µg/L
TJ010	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ010	1,2-Dichloroethene-cis	0	11/21/2011	µg/L
TJ010	1,2-Dichloroethene-cis	0	12/22/2011	µg/L
TJ010	1,2-Dichloroethene-cis	0	1/18/2012	µg/L
TJ010	1,4-Dioxane	0	1/18/2012	ug/L
TJ010	Carbon tetrachloride	0	8/30/2011	µg/L
TJ010	Carbon tetrachloride	0	9/26/2011	µg/L
TJ010	Carbon tetrachloride	0	10/20/2011	µg/L
TJ010	Carbon tetrachloride	0	11/21/2011	µg/L
TJ010	Carbon tetrachloride	0	12/22/2011	µg/L
TJ010	Carbon tetrachloride	0	1/18/2012	µg/L
TJ010	Coliform Total (CL,MPN) ,MM0-MUG	0	10/26/2011	MPN/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/26/2011	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	2	10/20/2011	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/21/2011	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/22/2011	NUM/100ml
TJ010	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ010	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	0	9/26/2011	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	0	10/20/2011	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	0	11/21/2011	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	0	12/22/2011	µg/L
TJ010	Methyl-t-butyl ether (MTBE)	2.34	1/18/2012	µg/L
TJ010	Nitrate (as NO3) ,calculated IC value	3.09	8/30/2011	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	2.58	9/26/2011	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	2.38	10/20/2011	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	5.18	11/21/2011	mg/L
TJ010	Nitrate (as NO3) ,calculated IC value	5.58	12/22/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ010	Nitrate (as NO3) ,calculated IC value	4.78	1/18/2012	mg/L
TJ010	Perchlorate	0	8/30/2011	µg/L
TJ010	Perchlorate	0	9/26/2011	µg/L
TJ010	Perchlorate	0	10/20/2011	µg/L
TJ010	Perchlorate	0	11/21/2011	µg/L
TJ010	Perchlorate	0	1/18/2012	µg/L
TJ010	Tetrachloroethylene (PCE)	0	8/30/2011	µg/L
TJ010	Tetrachloroethylene (PCE)	0	9/26/2011	µg/L
TJ010	Tetrachloroethylene (PCE)	0	10/20/2011	µg/L
TJ010	Tetrachloroethylene (PCE)	0	11/21/2011	µg/L
TJ010	Tetrachloroethylene (PCE)	0	12/22/2011	µg/L
TJ010	Tetrachloroethylene (PCE)	0	1/18/2012	µg/L
TJ010	Trichloroethene (TCE)	0	8/30/2011	µg/L
TJ010	Trichloroethene (TCE)	0	9/26/2011	µg/L
TJ010	Trichloroethene (TCE)	0	10/20/2011	µg/L
TJ010	Trichloroethene (TCE)	0.852	11/21/2011	µg/L
TJ010	Trichloroethene (TCE)	0.875	12/22/2011	µg/L
TJ010	Trichloroethene (TCE)	0	1/18/2012	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	4/14/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	5/9/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	6/29/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	7/20/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	9/26/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	11/21/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	12/22/2011	µg/L
TJ011	1,1-Dichloroethane (1,1-DCA)	0	1/18/2012	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	4/14/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	5/9/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	6/29/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	7/20/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	9/26/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	11/21/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	12/22/2011	µg/L
TJ011	1,1-Dichloroethene (1,1-DCE)	0	1/18/2012	µg/L
TJ011	1,2-Dichloroethene-cis	0	4/14/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	5/9/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	6/29/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	7/20/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	9/26/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	11/21/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	12/22/2011	µg/L
TJ011	1,2-Dichloroethene-cis	0	1/18/2012	µg/L
TJ011	1,4-Dioxane	0	1/18/2012	ug/L
TJ011	Carbon tetrachloride	0	4/14/2011	µg/L
TJ011	Carbon tetrachloride	0	5/9/2011	µg/L
TJ011	Carbon tetrachloride	0	6/29/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ011	Carbon tetrachloride	0	7/20/2011	µg/L
TJ011	Carbon tetrachloride	0	8/30/2011	µg/L
TJ011	Carbon tetrachloride	0	9/26/2011	µg/L
TJ011	Carbon tetrachloride	0	10/20/2011	µg/L
TJ011	Carbon tetrachloride	0	11/21/2011	µg/L
TJ011	Carbon tetrachloride	0	12/22/2011	µg/L
TJ011	Carbon tetrachloride	0	1/18/2012	µg/L
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/14/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/9/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/29/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/20/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/26/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/20/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/21/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/22/2011	NUM/100ml
TJ011	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ011	Methyl-t-butyl ether (MTBE)	0	4/14/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	5/9/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	6/29/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	7/20/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	9/26/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	10/20/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	11/21/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	0	12/22/2011	µg/L
TJ011	Methyl-t-butyl ether (MTBE)	1.56	1/18/2012	µg/L
TJ011	Nitrate (as NO3) ,calculated IC value	6.11	4/14/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	5.54	5/9/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	6.33	6/29/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	5.58	7/20/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	4.83	8/30/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	3.63	9/26/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	3.31	10/20/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	5.36	11/21/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	4.47	12/22/2011	mg/L
TJ011	Nitrate (as NO3) ,calculated IC value	3.77	1/18/2012	mg/L
TJ011	Perchlorate	0	4/14/2011	µg/L
TJ011	Perchlorate	0	5/9/2011	µg/L
TJ011	Perchlorate	0	7/20/2011	µg/L
TJ011	Perchlorate	0	8/30/2011	µg/L
TJ011	Perchlorate	0	9/26/2011	µg/L
TJ011	Perchlorate	0	10/20/2011	µg/L
TJ011	Perchlorate	0	11/21/2011	µg/L
TJ011	Perchlorate	0	12/22/2011	µg/L
TJ011	Perchlorate	0	1/18/2012	µg/L
TJ011	Tetrachloroethylene (PCE)	0	4/14/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	5/9/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	6/29/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	7/20/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	8/30/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	9/26/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	10/20/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ011	Tetrachloroethylene (PCE)	0	11/21/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	12/22/2011	µg/L
TJ011	Tetrachloroethylene (PCE)	0	1/18/2012	µg/L
TJ011	Trichloroethene (TCE)	0	4/14/2011	µg/L
TJ011	Trichloroethene (TCE)	0	5/9/2011	µg/L
TJ011	Trichloroethene (TCE)	0.609	6/29/2011	µg/L
TJ011	Trichloroethene (TCE)	0	7/20/2011	µg/L
TJ011	Trichloroethene (TCE)	0	8/30/2011	µg/L
TJ011	Trichloroethene (TCE)	0	9/26/2011	µg/L
TJ011	Trichloroethene (TCE)	0	10/20/2011	µg/L
TJ011	Trichloroethene (TCE)	0	11/21/2011	µg/L
TJ011	Trichloroethene (TCE)	0	12/22/2011	µg/L
TJ011	Trichloroethene (TCE)	0.785	1/18/2012	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	4/14/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	5/9/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	6/29/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	7/20/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	8/30/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	9/26/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	10/20/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	11/21/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	12/22/2011	µg/L
TJ012	1,1-Dichloroethane (1,1-DCA)	0	1/18/2012	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0.527	4/14/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0.53	5/9/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	6/29/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	7/20/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	8/30/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	9/26/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	10/20/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	11/21/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	12/22/2011	µg/L
TJ012	1,1-Dichloroethene (1,1-DCE)	0	1/18/2012	µg/L
TJ012	1,2-Dichloroethene-cis	0	4/14/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	5/9/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	6/29/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	7/20/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	8/30/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	9/26/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	10/20/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	11/21/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	12/22/2011	µg/L
TJ012	1,2-Dichloroethene-cis	0	1/18/2012	µg/L
TJ012	1,4-Dioxane	0	1/18/2012	ug/L
TJ012	Carbon tetrachloride	0	4/14/2011	µg/L
TJ012	Carbon tetrachloride	0	5/9/2011	µg/L
TJ012	Carbon tetrachloride	0	6/29/2011	µg/L
TJ012	Carbon tetrachloride	0	7/20/2011	µg/L
TJ012	Carbon tetrachloride	0	8/30/2011	µg/L
TJ012	Carbon tetrachloride	0	9/26/2011	µg/L
TJ012	Carbon tetrachloride	0	10/20/2011	µg/L
TJ012	Carbon tetrachloride	0	11/21/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ012	Carbon tetrachloride	0	12/22/2011	µg/L
TJ012	Carbon tetrachloride	0	1/18/2012	µg/L
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/14/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/9/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/29/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/20/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/30/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/26/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/20/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/21/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/22/2011	NUM/100ml
TJ012	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/18/2012	NUM/100ml
TJ012	Methyl-t-butyl ether (MTBE)	0	4/14/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	5/9/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	6/29/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	7/20/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	8/30/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	9/26/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	10/20/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	11/21/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	12/22/2011	µg/L
TJ012	Methyl-t-butyl ether (MTBE)	0	1/18/2012	µg/L
TJ012	Nitrate (as NO3) ,calculated IC value	12	4/14/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	11.3	5/9/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	5.71	6/29/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	8.86	7/20/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	9.3	8/30/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	9.13	9/26/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	9.04	10/20/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	5.67	11/21/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	6.29	12/22/2011	mg/L
TJ012	Nitrate (as NO3) ,calculated IC value	8.73	1/18/2012	mg/L
TJ012	Perchlorate	0	4/14/2011	µg/L
TJ012	Perchlorate	0	5/9/2011	µg/L
TJ012	Perchlorate	0	6/29/2011	µg/L
TJ012	Perchlorate	0	7/20/2011	µg/L
TJ012	Perchlorate	0	8/30/2011	µg/L
TJ012	Perchlorate	0	9/26/2011	µg/L
TJ012	Perchlorate	0	10/20/2011	µg/L
TJ012	Perchlorate	0	11/21/2011	µg/L
TJ012	Perchlorate	0	12/22/2011	µg/L
TJ012	Perchlorate	0	1/18/2012	µg/L
TJ012	Tetrachloroethylene (PCE)	0.789	4/14/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0.79	5/9/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0	6/29/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0.699	7/20/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0.642	8/30/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0.621	9/26/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0.549	10/20/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0	11/21/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0	12/22/2011	µg/L
TJ012	Tetrachloroethylene (PCE)	0	1/18/2012	µg/L
TJ012	Trichloroethene (TCE)	3.95	4/14/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
TJ012	Trichloroethene (TCE)	3.9	5/9/2011	µg/L
TJ012	Trichloroethene (TCE)	0	6/29/2011	µg/L
TJ012	Trichloroethene (TCE)	2.85	7/20/2011	µg/L
TJ012	Trichloroethene (TCE)	3.08	8/30/2011	µg/L
TJ012	Trichloroethene (TCE)	2.59	9/26/2011	µg/L
TJ012	Trichloroethene (TCE)	2.53	10/20/2011	µg/L
TJ012	Trichloroethene (TCE)	0	11/21/2011	µg/L
TJ012	Trichloroethene (TCE)	0	12/22/2011	µg/L
TJ012	Trichloroethene (TCE)	1.53	1/18/2012	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	4/28/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	5/30/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	6/30/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	7/22/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	8/18/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	9/30/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	10/25/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	11/22/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	12/29/2011	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	1/30/2012	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	2/28/2012	µg/L
VE011	1,1-Dichloroethane (1,1-DCA)	0	3/15/2012	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	4/28/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	5/30/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	6/30/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	7/22/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	8/18/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	9/30/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	10/25/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	11/22/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	12/29/2011	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	1/30/2012	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	2/28/2012	µg/L
VE011	1,1-Dichloroethene (1,1-DCE)	0	3/15/2012	µg/L
VE011	1,2-Dichloroethene-cis	0	4/28/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	5/30/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	6/30/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	7/22/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	8/18/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	9/30/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	10/25/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	11/22/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	12/29/2011	µg/L
VE011	1,2-Dichloroethene-cis	0	1/30/2012	µg/L
VE011	1,2-Dichloroethene-cis	0	2/28/2012	µg/L
VE011	1,2-Dichloroethene-cis	0	3/15/2012	µg/L
VE011	Carbon tetrachloride	0	4/28/2011	µg/L
VE011	Carbon tetrachloride	0	5/30/2011	µg/L
VE011	Carbon tetrachloride	0	6/30/2011	µg/L
VE011	Carbon tetrachloride	0.26	7/22/2011	µg/L
VE011	Carbon tetrachloride	0.301	8/18/2011	µg/L
VE011	Carbon tetrachloride	0.284	9/30/2011	µg/L
VE011	Carbon tetrachloride	0.262	10/25/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
VE011	Carbon tetrachloride	0	11/22/2011	µg/L
VE011	Carbon tetrachloride	0	12/29/2011	µg/L
VE011	Carbon tetrachloride	0	1/30/2012	µg/L
VE011	Carbon tetrachloride	0.282	2/28/2012	µg/L
VE011	Carbon tetrachloride	0	3/15/2012	µg/L
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/28/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/30/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/22/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/18/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/30/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/25/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/22/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/29/2011	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/30/2012	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/28/2012	NUM/100ml
VE011	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/15/2012	NUM/100ml
VE011	Methyl-t-butyl ether (MTBE)	0	4/28/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	5/30/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	7/22/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	8/18/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	9/30/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	10/25/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	11/22/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	12/29/2011	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	1/30/2012	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	2/28/2012	µg/L
VE011	Methyl-t-butyl ether (MTBE)	0	3/15/2012	µg/L
VE011	Nitrate (as NO3) ,calculated IC value	6.73	4/28/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	6.64	5/30/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	6.42	6/30/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	11.1	7/22/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	12.5	8/18/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	13	9/30/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	13.2	10/25/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	7.49	11/22/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	5.89	12/29/2011	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	5.94	1/30/2012	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	12.5	2/28/2012	mg/L
VE011	Nitrate (as NO3) ,calculated IC value	12.8	3/15/2012	mg/L
VE011	Perchlorate	0	8/18/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	4/28/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	5/30/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	6/30/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	7/22/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	8/18/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	9/30/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	10/25/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	11/22/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	12/29/2011	µg/L
VE011	Tetrachloroethylene (PCE)	0	1/30/2012	µg/L
VE011	Tetrachloroethylene (PCE)	0	2/28/2012	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
VE011	Tetrachloroethylene (PCE)	0	3/15/2012	µg/L
VE011	Trichloroethene (TCE)	0.776	4/28/2011	µg/L
VE011	Trichloroethene (TCE)	0.768	5/30/2011	µg/L
VE011	Trichloroethene (TCE)	0.766	6/30/2011	µg/L
VE011	Trichloroethene (TCE)	2.06	7/22/2011	µg/L
VE011	Trichloroethene (TCE)	2.39	8/18/2011	µg/L
VE011	Trichloroethene (TCE)	2.5	9/30/2011	µg/L
VE011	Trichloroethene (TCE)	2.35	10/25/2011	µg/L
VE011	Trichloroethene (TCE)	0.825	11/22/2011	µg/L
VE011	Trichloroethene (TCE)	0.628	12/29/2011	µg/L
VE011	Trichloroethene (TCE)	0.644	1/30/2012	µg/L
VE011	Trichloroethene (TCE)	2.19	2/28/2012	µg/L
VE011	Trichloroethene (TCE)	1.79	3/15/2012	µg/L
VE024	1,1-Dichloroethane (1,1-DCA)	0	4/28/2011	µg/L
VE024	1,1-Dichloroethane (1,1-DCA)	0	5/30/2011	µg/L
VE024	1,1-Dichloroethane (1,1-DCA)	0	6/30/2011	µg/L
VE024	1,1-Dichloroethane (1,1-DCA)	0	7/22/2011	µg/L
VE024	1,1-Dichloroethane (1,1-DCA)	0	8/18/2011	µg/L
VE024	1,1-Dichloroethane (1,1-DCA)	0	9/30/2011	µg/L
VE024	1,1-Dichloroethane (1,1-DCA)	0	10/25/2011	µg/L
VE024	1,1-Dichloroethene (1,1-DCE)	0	4/28/2011	µg/L
VE024	1,1-Dichloroethene (1,1-DCE)	0	5/30/2011	µg/L
VE024	1,1-Dichloroethene (1,1-DCE)	0	6/30/2011	µg/L
VE024	1,1-Dichloroethene (1,1-DCE)	0	7/22/2011	µg/L
VE024	1,1-Dichloroethene (1,1-DCE)	0	8/18/2011	µg/L
VE024	1,1-Dichloroethene (1,1-DCE)	0	9/30/2011	µg/L
VE024	1,1-Dichloroethene (1,1-DCE)	0	10/25/2011	µg/L
VE024	1,2-Dichloroethene-cis	0	4/28/2011	µg/L
VE024	1,2-Dichloroethene-cis	0	5/30/2011	µg/L
VE024	1,2-Dichloroethene-cis	0	6/30/2011	µg/L
VE024	1,2-Dichloroethene-cis	0	7/22/2011	µg/L
VE024	1,2-Dichloroethene-cis	0	8/18/2011	µg/L
VE024	1,2-Dichloroethene-cis	0	9/30/2011	µg/L
VE024	1,2-Dichloroethene-cis	0	10/25/2011	µg/L
VE024	Carbon tetrachloride	0	4/28/2011	µg/L
VE024	Carbon tetrachloride	0	5/30/2011	µg/L
VE024	Carbon tetrachloride	0	6/30/2011	µg/L
VE024	Carbon tetrachloride	0	7/22/2011	µg/L
VE024	Carbon tetrachloride	0	8/18/2011	µg/L
VE024	Carbon tetrachloride	0	9/30/2011	µg/L
VE024	Carbon tetrachloride	0	10/25/2011	µg/L
VE024	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/28/2011	NUM/100ml
VE024	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/30/2011	NUM/100ml
VE024	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
VE024	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/22/2011	NUM/100ml
VE024	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/18/2011	NUM/100ml
VE024	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/30/2011	NUM/100ml
VE024	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/25/2011	NUM/100ml
VE024	Methyl-t-butyl ether (MTBE)	0	4/28/2011	µg/L
VE024	Methyl-t-butyl ether (MTBE)	0	5/30/2011	µg/L
VE024	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
VE024	Methyl-t-butyl ether (MTBE)	0	7/22/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
VE024	Methyl-t-butyl ether (MTBE)	0	8/18/2011	µg/L
VE024	Methyl-t-butyl ether (MTBE)	0	9/30/2011	µg/L
VE024	Methyl-t-butyl ether (MTBE)	0	10/25/2011	µg/L
VE024	Nitrate (as NO3) ,calculated IC value	7.09	4/28/2011	mg/L
VE024	Nitrate (as NO3) ,calculated IC value	7.13	5/30/2011	mg/L
VE024	Nitrate (as NO3) ,calculated IC value	6.91	6/30/2011	mg/L
VE024	Nitrate (as NO3) ,calculated IC value	5.27	7/22/2011	mg/L
VE024	Nitrate (as NO3) ,calculated IC value	6.16	8/18/2011	mg/L
VE024	Nitrate (as NO3) ,calculated IC value	6.69	9/30/2011	mg/L
VE024	Nitrate (as NO3) ,calculated IC value	7.22	10/25/2011	mg/L
VE024	Perchlorate	0	6/30/2011	µg/L
VE024	Tetrachloroethylene (PCE)	0	4/28/2011	µg/L
VE024	Tetrachloroethylene (PCE)	0	5/30/2011	µg/L
VE024	Tetrachloroethylene (PCE)	0	6/30/2011	µg/L
VE024	Tetrachloroethylene (PCE)	0	7/22/2011	µg/L
VE024	Tetrachloroethylene (PCE)	0	8/18/2011	µg/L
VE024	Tetrachloroethylene (PCE)	0	9/30/2011	µg/L
VE024	Tetrachloroethylene (PCE)	0	10/25/2011	µg/L
VE024	Trichloroethene (TCE)	0	4/28/2011	µg/L
VE024	Trichloroethene (TCE)	0	5/30/2011	µg/L
VE024	Trichloroethene (TCE)	0	6/30/2011	µg/L
VE024	Trichloroethene (TCE)	0	7/22/2011	µg/L
VE024	Trichloroethene (TCE)	0	8/18/2011	µg/L
VE024	Trichloroethene (TCE)	0	9/30/2011	µg/L
VE024	Trichloroethene (TCE)	0	10/25/2011	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	0	4/28/2011	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	0	5/26/2011	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	0	6/30/2011	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	0	7/22/2011	µg/L
WH004	1,1-Dichloroethane (1,1-DCA)	0	8/18/2011	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	0	4/28/2011	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	0	5/26/2011	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	0	6/30/2011	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	0	7/22/2011	µg/L
WH004	1,1-Dichloroethene (1,1-DCE)	0	8/18/2011	µg/L
WH004	1,2-Dichloroethene-cis	0	4/28/2011	µg/L
WH004	1,2-Dichloroethene-cis	0	5/26/2011	µg/L
WH004	1,2-Dichloroethene-cis	0	6/30/2011	µg/L
WH004	1,2-Dichloroethene-cis	0	7/22/2011	µg/L
WH004	1,2-Dichloroethene-cis	0	8/18/2011	µg/L
WH004	Carbon tetrachloride	0	4/28/2011	µg/L
WH004	Carbon tetrachloride	0	5/26/2011	µg/L
WH004	Carbon tetrachloride	0	6/30/2011	µg/L
WH004	Carbon tetrachloride	0	7/22/2011	µg/L
WH004	Carbon tetrachloride	0	8/18/2011	µg/L
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/28/2011	NUM/100ml
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/26/2011	NUM/100ml
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/22/2011	NUM/100ml
WH004	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/18/2011	NUM/100ml
WH004	Methyl-t-butyl ether (MTBE)	0	4/28/2011	µg/L
WH004	Methyl-t-butyl ether (MTBE)	0	5/26/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
WH004	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
WH004	Methyl-t-butyl ether (MTBE)	0	7/22/2011	µg/L
WH004	Methyl-t-butyl ether (MTBE)	0	8/18/2011	µg/L
WH004	Nitrate (as NO3) ,calculated IC value	9.61	4/28/2011	mg/L
WH004	Nitrate (as NO3) ,calculated IC value	9.52	5/26/2011	mg/L
WH004	Nitrate (as NO3) ,calculated IC value	9.3	6/30/2011	mg/L
WH004	Nitrate (as NO3) ,calculated IC value	9.26	7/22/2011	mg/L
WH004	Nitrate (as NO3) ,calculated IC value	9.13	8/18/2011	mg/L
WH004	Perchlorate	0	5/26/2011	µg/L
WH004	Tetrachloroethylene (PCE)	2.57	4/28/2011	µg/L
WH004	Tetrachloroethylene (PCE)	2.37	5/26/2011	µg/L
WH004	Tetrachloroethylene (PCE)	2.64	6/30/2011	µg/L
WH004	Tetrachloroethylene (PCE)	2.68	7/22/2011	µg/L
WH004	Tetrachloroethylene (PCE)	2.42	8/18/2011	µg/L
WH004	Trichloroethene (TCE)	0.904	4/28/2011	µg/L
WH004	Trichloroethene (TCE)	0.83	5/26/2011	µg/L
WH004	Trichloroethene (TCE)	0.876	6/30/2011	µg/L
WH004	Trichloroethene (TCE)	0.828	7/22/2011	µg/L
WH004	Trichloroethene (TCE)	0.804	8/18/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	4/28/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	5/26/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	6/30/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	7/22/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	8/18/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	9/30/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	10/28/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	11/22/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	12/29/2011	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	1/30/2012	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	2/28/2012	µg/L
WH005	1,1-Dichloroethane (1,1-DCA)	0	3/28/2012	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	4/28/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	5/26/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	6/30/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	7/22/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	8/18/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	9/30/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	10/28/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	11/22/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	12/29/2011	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	1/30/2012	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	2/28/2012	µg/L
WH005	1,1-Dichloroethene (1,1-DCE)	0	3/28/2012	µg/L
WH005	1,2-Dichloroethene-cis	0	4/28/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	5/26/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	6/30/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	7/22/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	8/18/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	9/30/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	10/28/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	11/22/2011	µg/L
WH005	1,2-Dichloroethene-cis	0	12/29/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
WH005	1,2-Dichloroethene-cis	0	1/30/2012	µg/L
WH005	1,2-Dichloroethene-cis	0	2/28/2012	µg/L
WH005	1,2-Dichloroethene-cis	0	3/28/2012	µg/L
WH005	Bromide ,Ion-Chromatography	0.076	3/28/2012	mg/L
WH005	Carbon tetrachloride	0	4/28/2011	µg/L
WH005	Carbon tetrachloride	0	5/26/2011	µg/L
WH005	Carbon tetrachloride	0	6/30/2011	µg/L
WH005	Carbon tetrachloride	0	7/22/2011	µg/L
WH005	Carbon tetrachloride	0	8/18/2011	µg/L
WH005	Carbon tetrachloride	0	9/30/2011	µg/L
WH005	Carbon tetrachloride	0	10/28/2011	µg/L
WH005	Carbon tetrachloride	0	11/22/2011	µg/L
WH005	Carbon tetrachloride	0	12/29/2011	µg/L
WH005	Carbon tetrachloride	0	1/30/2012	µg/L
WH005	Carbon tetrachloride	0	2/28/2012	µg/L
WH005	Carbon tetrachloride	0	3/28/2012	µg/L
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/28/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/26/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/22/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/18/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/30/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/28/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/22/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/29/2011	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	1/30/2012	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/28/2012	NUM/100ml
WH005	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/28/2012	NUM/100ml
WH005	Methyl-t-butyl ether (MTBE)	0	4/28/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	5/26/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	7/22/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	8/18/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	9/30/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	10/28/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	11/22/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	12/29/2011	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	1/30/2012	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	2/28/2012	µg/L
WH005	Methyl-t-butyl ether (MTBE)	0	3/28/2012	µg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.5	4/28/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.5	5/26/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.8	6/30/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.4	7/22/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.6	8/18/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.9	9/30/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	10.9	10/28/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	11.4	11/22/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	11.4	12/29/2011	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	11.3	1/30/2012	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	11.4	2/28/2012	mg/L
WH005	Nitrate (as NO3) ,calculated IC value	11.2	3/28/2012	mg/L
WH005	Perchlorate	0	8/18/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
WH005	Tetrachloroethylene (PCE)	1.11	4/28/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.12	5/26/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.48	6/30/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.4	7/22/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.25	8/18/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.38	9/30/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.34	10/28/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.57	11/22/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.67	12/29/2011	µg/L
WH005	Tetrachloroethylene (PCE)	1.59	1/30/2012	µg/L
WH005	Tetrachloroethylene (PCE)	1.84	2/28/2012	µg/L
WH005	Tetrachloroethylene (PCE)	1.83	3/28/2012	µg/L
WH005	Trichloroethene (TCE)	3.28	4/28/2011	µg/L
WH005	Trichloroethene (TCE)	3.27	5/26/2011	µg/L
WH005	Trichloroethene (TCE)	3.75	6/30/2011	µg/L
WH005	Trichloroethene (TCE)	3.16	7/22/2011	µg/L
WH005	Trichloroethene (TCE)	2.66	8/18/2011	µg/L
WH005	Trichloroethene (TCE)	2.22	9/30/2011	µg/L
WH005	Trichloroethene (TCE)	2.04	10/28/2011	µg/L
WH005	Trichloroethene (TCE)	2.55	11/22/2011	µg/L
WH005	Trichloroethene (TCE)	2.45	12/29/2011	µg/L
WH005	Trichloroethene (TCE)	2.42	1/30/2012	µg/L
WH005	Trichloroethene (TCE)	2.25	2/28/2012	µg/L
WH005	Trichloroethene (TCE)	2.21	3/28/2012	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	4/28/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	5/30/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	6/30/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	7/22/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	8/18/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	9/30/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	10/25/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	11/22/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	12/29/2011	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	1/30/2012	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	2/28/2012	µg/L
WH006A	1,1-Dichloroethane (1,1-DCA)	0	3/13/2012	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	4/28/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	5/30/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	6/30/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	7/22/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	8/18/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	9/30/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	10/25/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	11/22/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	12/29/2011	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	1/30/2012	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	2/28/2012	µg/L
WH006A	1,1-Dichloroethene (1,1-DCE)	0	3/13/2012	µg/L
WH006A	1,2-Dichloroethene-cis	0	4/28/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	5/30/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	6/30/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	7/22/2011	µg/L

Location Code	Analyte Name	Result	Collection Date	Units
WH006A	1,2-Dichloroethene-cis	0	8/18/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	9/30/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	10/25/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	11/22/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	12/29/2011	µg/L
WH006A	1,2-Dichloroethene-cis	0	1/30/2012	µg/L
WH006A	1,2-Dichloroethene-cis	0	2/28/2012	µg/L
WH006A	1,2-Dichloroethene-cis	0	3/13/2012	µg/L
WH006A	Carbon tetrachloride	0	4/28/2011	µg/L
WH006A	Carbon tetrachloride	0	5/30/2011	µg/L
WH006A	Carbon tetrachloride	0	6/30/2011	µg/L
WH006A	Carbon tetrachloride	0	7/22/2011	µg/L
WH006A	Carbon tetrachloride	0	8/18/2011	µg/L
WH006A	Carbon tetrachloride	0	9/30/2011	µg/L
WH006A	Carbon tetrachloride	0	10/25/2011	µg/L
WH006A	Carbon tetrachloride	0	11/22/2011	µg/L
WH006A	Carbon tetrachloride	0	12/29/2011	µg/L
WH006A	Carbon tetrachloride	0	1/30/2012	µg/L
WH006A	Carbon tetrachloride	0	2/28/2012	µg/L
WH006A	Carbon tetrachloride	0	3/13/2012	µg/L
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	4/28/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	5/30/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	6/30/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	7/22/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	8/18/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	9/30/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	10/25/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	11/22/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	12/29/2011	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	1	1/30/2012	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	2/28/2012	NUM/100ml
WH006A	Coliform Total (CL,QT2000) ,MM0-MUG	0	3/13/2012	NUM/100ml
WH006A	Methyl-t-butyl ether (MTBE)	0	4/28/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	5/30/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	6/30/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	7/22/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	8/18/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	9/30/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	10/25/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	11/22/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	12/29/2011	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	1/30/2012	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	2/28/2012	µg/L
WH006A	Methyl-t-butyl ether (MTBE)	0	3/13/2012	µg/L
WH006A	Nitrate (as NO3) ,calculated IC value	2.34	4/28/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	2.37	5/30/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	2.46	6/30/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	5.4	7/22/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.42	8/18/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.29	9/30/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.02	10/25/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	2.39	11/22/2011	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	2.46	12/29/2011	mg/L

Location Code	Analyte Name	Result	Collection Date	Units
WH006A	Nitrate (as NO3) ,calculated IC value	2.5	1/30/2012	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	5.8	2/28/2012	mg/L
WH006A	Nitrate (as NO3) ,calculated IC value	6.07	3/13/2012	mg/L
WH006A	Perchlorate	0	8/18/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	0	4/28/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	0	5/30/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	0	6/30/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	1.45	7/22/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	1.44	8/18/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	1.28	9/30/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	1.03	10/25/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	0	11/22/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	0	12/29/2011	µg/L
WH006A	Tetrachloroethylene (PCE)	0	1/30/2012	µg/L
WH006A	Tetrachloroethylene (PCE)	0.907	2/28/2012	µg/L
WH006A	Tetrachloroethylene (PCE)	1	3/13/2012	µg/L
WH006A	Trichloroethene (TCE)	0	4/28/2011	µg/L
WH006A	Trichloroethene (TCE)	0	5/30/2011	µg/L
WH006A	Trichloroethene (TCE)	0	6/30/2011	µg/L
WH006A	Trichloroethene (TCE)	2.17	7/22/2011	µg/L
WH006A	Trichloroethene (TCE)	2.87	8/18/2011	µg/L
WH006A	Trichloroethene (TCE)	2.58	9/30/2011	µg/L
WH006A	Trichloroethene (TCE)	2.4	10/25/2011	µg/L
WH006A	Trichloroethene (TCE)	0	11/22/2011	µg/L
WH006A	Trichloroethene (TCE)	0	12/29/2011	µg/L
WH006A	Trichloroethene (TCE)	0	1/30/2012	µg/L
WH006A	Trichloroethene (TCE)	1.91	2/28/2012	µg/L
WH006A	Trichloroethene (TCE)	2.18	3/13/2012	µg/L

APPENDIX B

CITY OF BURBANK

PUMPING AND SPREADING PLAN

2011-2016 Water Years

GROUNDWATER PUMPING
AND
SPREADING PLAN

FIVE WATER YEARS
OCTOBER 1, 2011 TO SEPTEMBER 30, 2016

WATER DIVISION
164 W. MAGNOLIA BOULEVARD
MAY 2012

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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 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 and limiting the spread of contamination in the San Fernando Valley. 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 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 2012. The Watermaster will evaluate the impact of pumping and spreading by all the parties, and the ULARA Pumping and Spreading Plan will be released in July 2012.

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 2012, 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 California Department of Public Health (CDPH) issued a Public Health Goal (PHG) of 0.02 micrograms per liter for Chromium VI. CDPH is now in the process of developing a Maximum Contaminant Level (MCL).

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 gpm. In WY 2010-11, pumping for water quality testing resulted in 4 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 a five-year expansion of the system and is expected to convert 1,000 acre-feet per year of potable water demand to recycled water demand. 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 the 2011-2012 water year 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 sets a number of rights and procedures that Burbank and 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 delivered in the prior water year. This is known as import return water. The import return water credited for the 2011-2012 water year (based on water delivered in the 2010-2011 water year) is 3,864 acre-feet.

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

4.2 Physical Solution

Burbank has a physical solution right to 4,200 acre-feet per year in addition to its import return water extraction rights. This is a right to purchase up to 4,200 acre-feet per year 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 availability and price of MWD replenishment water or untreated imported water when compared with the price of physical solution water from the City of Los Angeles, a decision will be made each year on the purchase of physical solution credits or imported water from MWD. 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 the 2011-2012 water year. The current plan reflects the spreading of imported water instead of the purchase of physical solution credits.

In the Judgment, Valhalla Memorial Park also has the right to purchase physical solution credits up to 300 acre-feet per year, and Lockheed Martin up to 25 acre-feet per year. 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 17,529 acre-feet as of October 1, 2011. Burbank's objective is to maintain a reserve of 10,000 acre-feet 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 water year 1994-95, Burbank exchanged with Los Angeles purchased imported water taken through MWD service connection LA-35 at the L.A. 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 raw 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 acre-feet per year 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 Water Year 2010-11. A total of 11,187 AF of imported water was delivered and spread at Pacoima. The replenishment rate is not available, but Burbank plans to spread up to 6,200 AF in October, November, and December 2012 for WY 2012-13. For the next three water years covered by this plan, Burbank plans to purchase 6,200 AF per year of physical solution credits, imported water, or a combination of the two.

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 60-day performance test of the BOU at 9,000 gpm.

The City of Burbank currently contracts with APTwater Services, LLC, for the day-to-day operation 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
01-02	25,075
02-03	23,199
03-04	24,357
04-05	21,790
05-06	24,110
06-07	25,745
07-08	24,653
08-09	22,532
09-10	20,852
10-11	19,735
11-12*	20,328
12-13*	20,483
13-14*	20,655
14-15*	20,637
15-16*	20,620

* 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 22,703 acre-feet per year for Water Years 2006-07 through 2010-11.

TABLE 3

SOURCES OF SUPPLY

Water Year	MWD	GAC	BOU	Recycled	Valhalla	Total
01-02	12,086	0	10,540	2,087	362	25,075
02-03	13,158	0	9,170	488	383	23,199
03-04	13,751	0	9,660	549	397	24,357
04-05	14,415	0	6,399	681	295	21,790
05-06	11,879	0	10,108	1,692	431	24,110
06-07	13,444	0	9,780	2,082	431	25,737
07-08	15,299	0	6,817	2,192	337	24,645
08-09	10,202	148	9,818	2,011	346	22,525
09-10	8,401	5	10,043	2,080	317	20,846
10-11	7,376	4	10,394	1,568	387	19,729
11-12*	8,727	0	9,581	1,720	380	20,408
12-13*	7,047	0	10,909	2,527	100	20,583
13-14*	6,806	0	10,909	2,940	0	20,655
14-15*	6,780	0	10,909	2,948	0	20,637
15-16*	6,755	0	10,909	2,956	0	20,620

*Projected

NOTES:

1) Valhalla is expected to be using recycled water instead of groundwater by Water Year 2012-13.
2) GAC was used only for nonpotable in WY 2008-09, 2009-10, and 2010-11.
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 AF per year) is not included in this water supply table.

TABLE 4

GROUNDWATER CREDITS

Water Year	Physical Solution	Import Return	Spreading Operations	Other	Total
01-02	0	4,987	0	0	4,987
02-03	300	4,622	0	0	4,922
03-04	0	4,847	0	44(1)	4,891
04-05	0	4,350	0	0	4,350
05-06	0	4,817	0	0	4,817
06-07	4,200	5,058	0	4,000(2)	13,258
07-08	4,200	4,855	0		9,055
08-09	4,200	4,432	0	2,000(3)	10,632
09-10	0	4,103	34	0	4,137
10-11	0	3,864	11,187	0	15,051
11-12*	0	4,001	1,261	0	5,262
12-13*	0	4,092	6,200	0	10,292
13-14*	0	4,126	6,200	500(4)	10,826
14-15*	0	4,122	6,200	500(4)	10,822
15-16*	0	4,119	6,200	500(4)	10,819

*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 2013-14, groundwater credits are expected from LADWP in exchange for recycled water delivered from Burbank to the LADWP system.

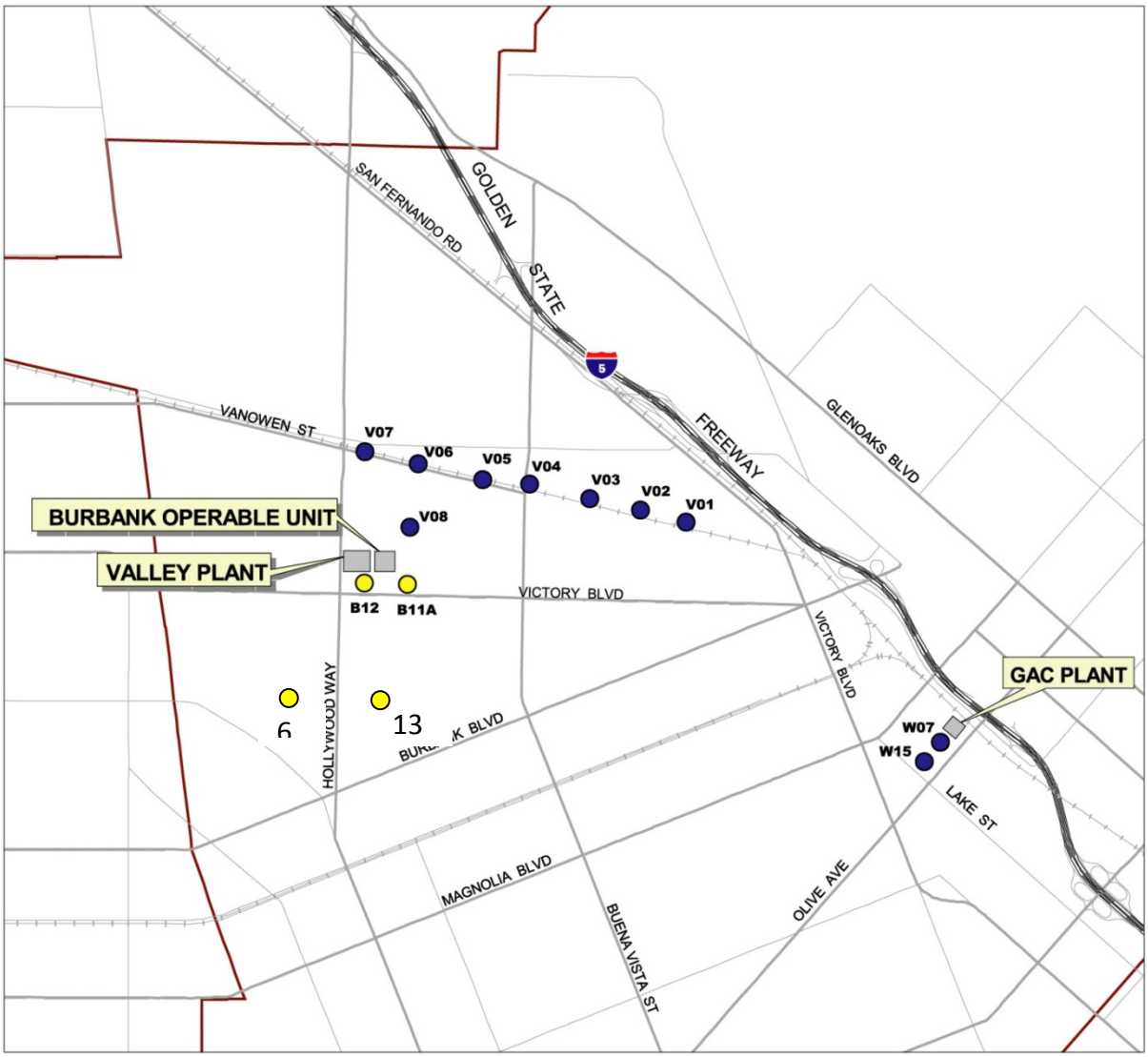


FIGURE 3.1

WELLS AND GROUNDWATER TREATMENT PLANTS

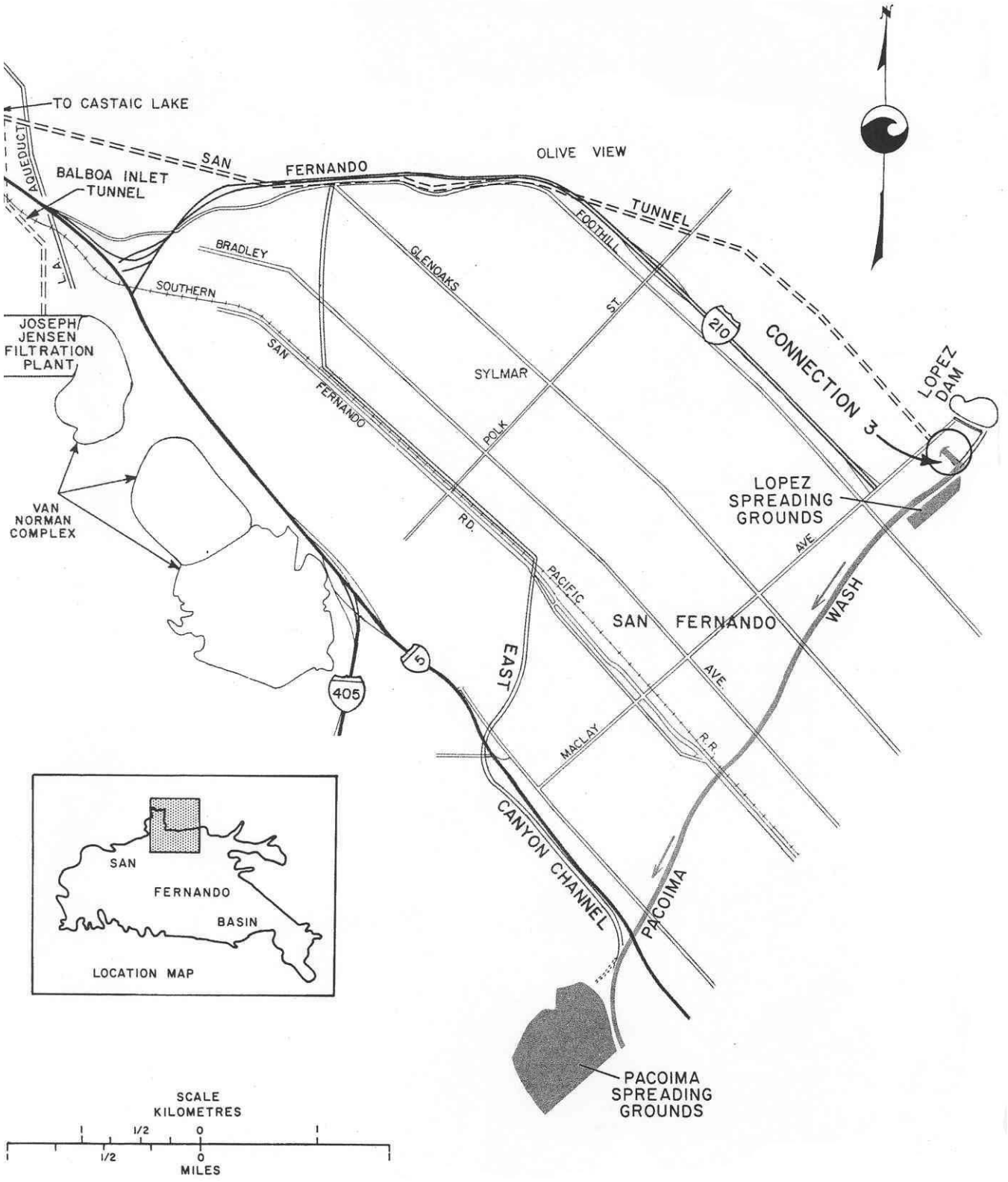


FIGURE 4.1

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 (10/1/10 through 9/30/11):

4 acre-feet 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 (10/1/10 through 9/30/11):

10,394 acre-feet

WATER QUALITY:

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

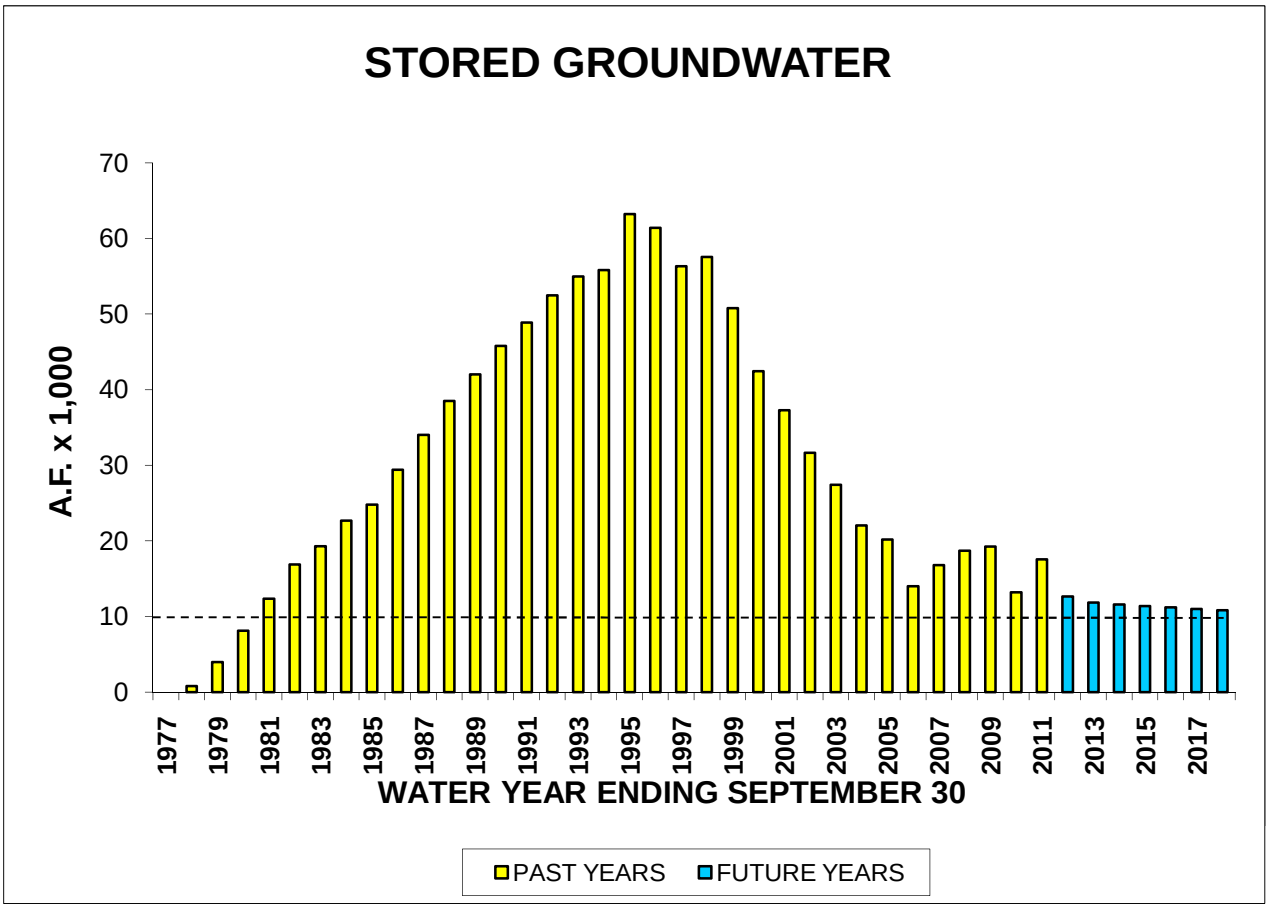
DISPOSITION:

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 2010/11



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 (~4,100 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	17,529
2011-12	20,003	4,001	1,261	0	9,881	12,646
2012-13	20,458	4,092	6,200	0	10,909	11,818
2013-14	20,630	4,126	6,200	500	10,909	11,584
2014-15	20,612	4,122	6,200	500	10,909	11,386
2015-16	20,595	4,119	6,200	500	10,909	11,186
2016-17	20,664	4,133	6,200	500	10,909	10,985
2017-18	20,672	4,134	6,200	500	10,909	10,800

NOTES:
(1) STORED WATER AS OF OCTOBER 1, 1978
(2) STORED WATER AS OF OCTOBER 1, 1979
(3) EXCLUDES 150 A.F. 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

2011-2016 Water Years

CITY OF GLENDALE

GROUNDWATER PUMPING AND SPREADING PLAN

WATER YEARS 2011-2016

Prepared By

GLENDALE *WATER & POWER*

APRIL 2012

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Introduction

This report discusses water supplies to the City of Glendale for Water Year 2011-12 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 2011 and 2016. Glendale currently does not have any spreading facility.

TABLE 1
ACTUAL & PROJECTED PUMPING ACTIVITIES IN WATER YEAR 2011 – 2016
(Acre Feet per Year)

Source	2011	2012	2013	2014	2015	2016
San Fernando Basin						
Glendale OU	***7,689***	*7,300*	*7,300*	*7,300*	*7,300*	*7,300*
Forest Lawn Memorial Park	***400***	*400*	*400*	*400*	*400*	*400*
Grayson Power Plant	***51***	*60*	*60*	*60*	*60*	*60*
SF Basin Total	**8,140**	7,760	7,760	7,760	7,760	7,760
Verdugo Basin	**2,068**	2,500	3,025	3,856	3,856	3,856

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 (40) 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 2011-12, the City has a storage credit of 50,328 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: 2009-10 Water Year ULARA Watermaster Report)*. This credit ranges from about 5,000 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. Over the past twenty years, 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 water from the wells to the water treatment plant; a system to convey 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 parties (PRP) for the groundwater contamination, and the EPA. CDM Consulting Engineers, Inc. was retained 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 level of less than 5ppb of chromium 6 in the water. This source is expected to provide about 7,300 AFY to the City, which will meet about twenty-two percent (22%) of projected near-term water demands. There is additional groundwater production of 400 AFY by Forest Lawn Memorial Park for irrigation purposes, and about 60 AFY for use on the cooling tower and steam and gas combustion turbines at the Glendale Grayson Power Plant, for a total of approximately 7,760 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, 2011, has 50,328 AF in accumulated pumping credits in the San Fernando Basin. In order to achieve 7,760 AF of San Fernando Basin production per year, Glendale must utilize its return flow credit of 5,500 AF per year and 2,260 AF per year 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 to extract 3,294 AFY 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. Since its installation in 1996 to the present, this facility has never produced water at its capacity of 1,150 gpm. Actual flows from these sources range between 200-300 gpm.

The three existing wells referred to as Glorietta Wells 3, 4 & 6 are capable of producing about 2,300 AFY. In 2011, these wells produced a total of 1,328 AF. It can be seen that the combined flows of the above facilities do not actually productive enough to 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 tied the well into the distribution system. This well initially produced approximately 200 gpm however production declined to approximately 140 gpm by the end of 2011. The total production from the above facilities in water year 2010-11 amounted to 1,436.2 AF, and account for about 5.2% of Glendale's total water supply.

The City constructed Rockhaven Well No. 1 in 2010-11 in the Montrose area with the goal to increase its extraction capacity from the Verdugo Basin. Nitrates were found in the water produced by this well. The City is currently exploring treatment options for removal of nitrate. Until a treatment facility is installed, Rockhaven Well No. 1 will remain offline. 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 (Metropolitan)

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, 2011, water deliveries from Metropolitan averaged 24 million gallons per day (approximately 26,893 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 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. Metropolitan has a long-term contract (the "State Water Contract") with the DWR. Water received from the State Water Project by Metropolitan from 2001 through 2006 varied from a low of 1,126,981 acre feet in calendar year 2001 to a high of 1,801,000 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 State Water Project and a multi-year drought in the Colorado River Basin have further affected water deliveries by Metropolitan.

Metropolitan also participates in groundwater banking programs including (1) the Arvin-Edison Water Storage and Transfer Program, with 250,000 acre feet of storage and dry-year withdrawals averaging about 70,000 acre feet, and (2) the Semitropic Water Storage Program, with 350,000 acre feet of storage and dry-year withdrawals averaging about 60,000 acre feet.

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 resulting in a savings of 107,000 acre feet 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 1997 the Colorado River Board of California, in consultation with Metropolitan, IID, Palo Verde Irrigation District, the Coachella Valley Water District, DWR and the San Diego County Water Authority, embarked on the development of a plan for reducing 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. Storage programs in Arizona and California, combined with the IID savings, yield a total of 280,000 acre feet of water supply.

3.4. Future Water Supply Reliability

Metropolitan faces a number of challenges in providing a reliable and high quality water supply for southern California. These include, among others: (1) the growing population within the service area; (2) the increased competition for low-cost water supplies; (3) variable weather conditions; and (4) increased environmental regulations for clean and safe drinking water. These challenges increased in 2007, with court decisions that restrict deliveries from the State Water Project beginning in 2008, as described above. In response to these challenges, Metropolitan and its member agencies have implemented the following actions:

- The 1994 Bay-Delta Accord, signed by federal and State agencies as well as urban agricultural and environmental water interests, improves near-term State Water Project reliability and lays the foundation for the process to develop comprehensive long-term solutions to the problems in the Bay-Delta system.
- An agreement known as the "Monterey Agreement," which restructured the State Water Contract, providing Metropolitan with significant water management and financial benefits, including a maximum of 200,000 acre feet per year of additional storage.
- Groundwater Storage Programs within Metropolitan's service area, which provide additional storage of imported water in the southern California groundwater basins for regional benefit. These programs allow Metropolitan to store imported water during wet years to provide dry year supplies. Programs approved to date provide nearly 422,000 acre feet of groundwater storage that is expected to yield a dry-year supply of approximately 115,263 acre feet for each of three consecutive years.
- Water Transfer and Storage Agreements, executed for the Central Valley provide additional storage of imported water in groundwater basins and the transfer of available water for delivery through the California Aqueduct. These programs provide Metropolitan with a total storage capacity of over 900,000 acre feet and dry-year supply yield of over 300,000 acre feet per year.
- Financial Incentive Programs, which result in increased local investments in conservation, reclamation, and groundwater projects throughout the service area for increased drought protection and reduced costs for Metropolitan's treatment and conveyance facilities. From the programs' inception through June 2007, over $450 million in incentives have been provided for the production and conservation of 2.3 million acre feet of water. To

increase conservation efforts locally, Metropolitan increased its conservation subsidy from $154 to $195 per acre-foot for certain programs.

- Diamond Valley Lake, an 810,000 acre-foot surface reservoir completed in March 2000, provides the region with at least 400,000 acre feet of drought storage, with the remaining storage held for emergency protection.
- An IRP, which was initially developed in 1996 by Metropolitan, its member agencies, sub-agencies, and groundwater basin managers to (1) ensure a reliable and high quality water supply over the next twenty-five (25) years; (2) coordinate the planning activities among southern California's water providers; (3) avoid redundant investments; and (4) provide a flexible and balanced planning framework.

Metropolitan reports that it will make additional resource and infrastructure improvements similar to those identified in its IRP in order to maintain reliability and high water quality as demands grow. Metropolitan's current practices of diversifying water supplies and securing supply reserves allow Metropolitan and its member agencies to adjust to changes in demands and supplies and maintain a high degree of reliability. Metropolitan's diversified storage capacity, divided among reservoirs, conjunctive use and other groundwater storage programs within Metropolitan's service area and by delivery through the State Water Project or Colorado River Aqueduct, has increased to 3.6 million acre feet of storage capacity.

Approximately 674,000 acre feet of stored water is emergency storage that is reserved for use in the event of supply interruptions from earthquakes or similar emergencies, as well as extended drought. Stored water is drawn down when needed to meet demands for water and refilled when supplies of imported water in excess of demands are available. Historically excess supplies to replenish storage have been available in about seven of every ten years. However, Metropolitan's ability to replenish water storage was limited by Bay-Delta pumping restrictions under the ruling in *NRDC v. Kempthorne*.

3.5. Drought and Resources Management Plans

Possible causes of water supply deficits are droughts, failures of major water transmission facilities and other adverse events. Metropolitan's current approach to managing water shortages has evolved from its experiences during the droughts of 1976-77 and 1987-92 into the Water Surplus and Drought Management Plan ("WSDM Plan").

The WSDM Plan, which was adopted by Metropolitan's Board in April 1999, is a comprehensive policy guideline for managing Metropolitan's water supply during periodic surplus and shortage conditions. The WSDM Plan considers the region to be in surplus only after Metropolitan has met all demands for water, including replenishment deliveries. The surplus actions store surplus water, first inside then outside the region. During shortage conditions, the WSDM Plan specifies the type, priority and timing of drought actions, including the purchase of transfers on the spot market that could be taken in order to prevent or mitigate negative impacts on retail demands. The shortage actions of the WSDM Plan are split into three subcategories: shortage, severe shortage and extreme shortage. The WSDM Plan provides that under shortage conditions, Metropolitan will make withdrawals from storage based on location and ability to access, interrupt groundwater replenishment deliveries and cut agricultural water deliveries. Under severe shortage conditions, Metropolitan will call for extraordinary drought conservation, which may include reductions in municipal and industrial water use and mandatory water allocations or rationing.

Metropolitan's current measures to address potential water supply shortages and interruptions include calling for extraordinary conservation, cutting groundwater replenishment and agricultural water deliveries, maximizing groundwater production, acquiring additional supplies and drawing from dry-year storage. In August 2007, Metropolitan launched a significant water conservation outreach and public education effort for voluntary water conservation, promotion of water-saving rebates and incentives and education of the public about the uncertainties of future water supplies. Metropolitan suspended groundwater replenishment deliveries on May 1, 2007, and had notified member agencies that it will cut deliveries under its Interim Agricultural Water Program by thirty percent (30%) on January 1, 2008. In addition, Metropolitan was pursuing water transfers, including negotiations for the purchase of 200,000 acre feet of previously-stored State Water Project supplies in the San Bernardino groundwater basin and negotiations with water agencies in the Sacramento and San Joaquin Valleys for transfers in 2008. Metropolitan called for additional voluntary fallowing in Metropolitan's agricultural land management program within the Palo Verde Irrigation District and is working with the State of Arizona to withdraw water previously stored in its groundwater basin.

Metropolitan staff, working with member agency staff, prepared a water allocation plan based on the principles contained in the WSDM Plan. The allocation plan was to provide a formula for equitable distribution of available supplies in case of extreme water shortages within Metropolitan's service area. Metropolitan's member agencies and retail water suppliers in Metropolitan's service area also may implement water conservation and allocation programs.

3.6. 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 WSDM and IRP . 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 forty nine (49) 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 2011, one new user (City of Glendale / CCBG) were added to the recycled water system and two new users had completed the renovation for future connections to the recycled water system. In year 2012, twelve (12) additional new recycled water connections are expected to be added for irrigation and/or dual-plumbing, some of which have already been completed. 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	5,000 - 5,400	8,140	7,760
Verdugo Basin	3,856	2,100	3,856
Recycled Water	10,000	1,472	1,785

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. The treatment facilities using the two technologies identified in a study by Malcolm Prinie were constructed and 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.

Glendale currently has six (6) active production wells and a pick-up system (infiltration galleries) in the Verdugo Basin, 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 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 the facilities. The treatment facilities using the two technologies identified in a study by Malcolm Prinie, were constructed and placed into service in March and April 2010; and to date, 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 where the preliminary results were presented, it was recommended that microfiltration be tested as an enhancement to the RCF dual media filters to determine 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 City's Water Department (GWP) has been actively trying to increase groundwater production in the Verdugo Basin by rehabilitating an existing well and constructing one new 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

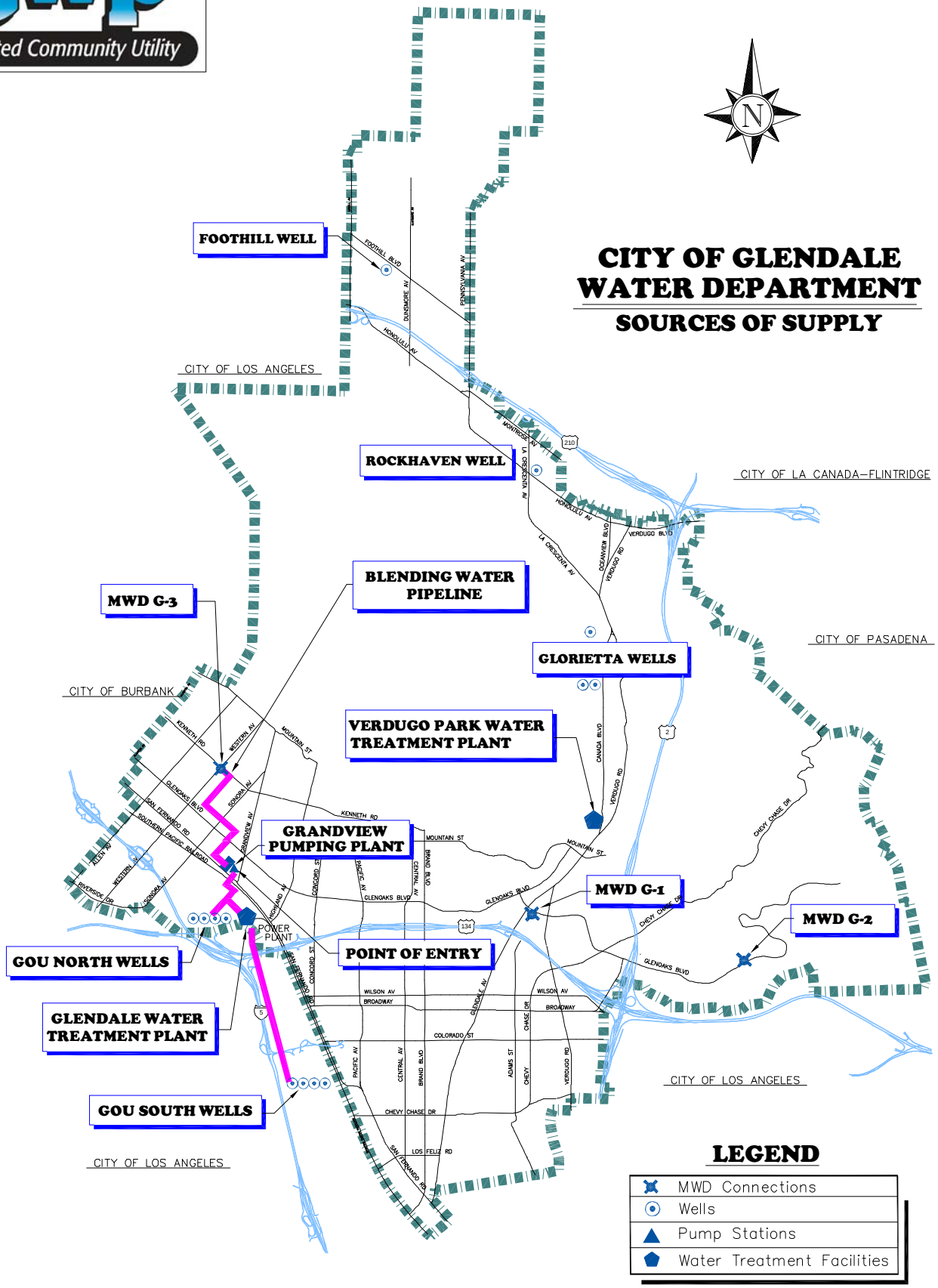
2011. GWP is currently considering alternative treatment methods for the Rockhaven Well. Once the evaluation of alternatives is completed, the best alternative will be selected and design will start followed by construction. The construction is expected to be completed in year 2013.

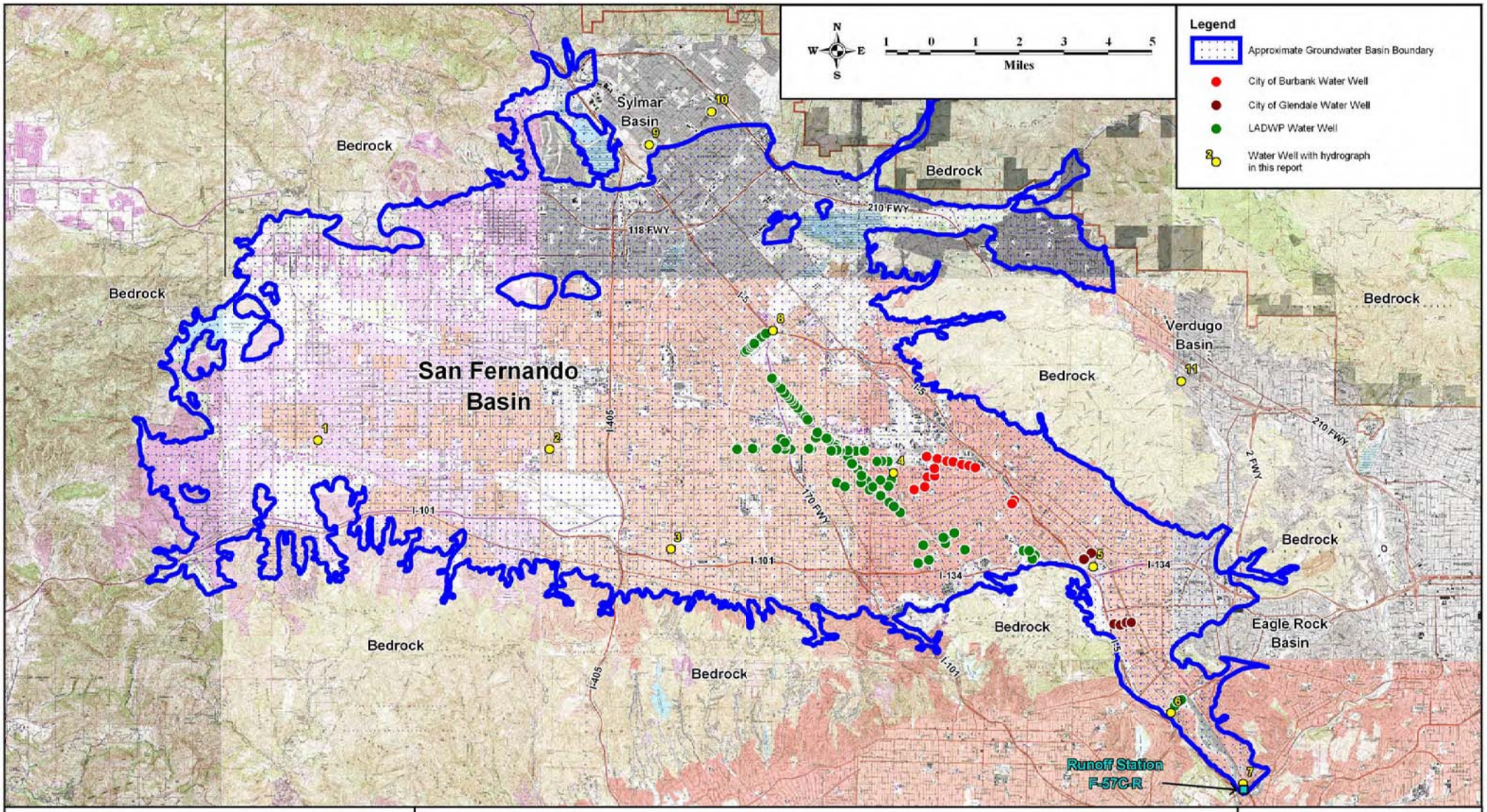
The City also encourages the recycled water use by adding new users and expanding the marketing efforts in the City and to neighboring agencies. The City is committed to aggressively advocate the use of recycled water for irrigation & toilet flushing, which will help increased the conservation of potable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

In water year 2010-2011, 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 at sixty-five percent (65%) or less of the total water use in the next five years.

FIGURES

FIGURE 1


CITY OF GLENDALE
WATER DEPARTMENT
SOURCES OF SUPPLY
FOOTHILL WELL
ROCKHAVEN WELL
BLENDING WATER PIPELINE
MWD G-3
GLORIETTA WELLS
VERDUGO PARK WATER TREATMENT PLANT
GRANDVIEW PUMPING PLANT
MWD G-1
MWD G-2
POINT OF ENTRY
GOU NORTH WELLS
GLENDALE WATER TREATMENT PLANT
GOU SOUTH WELLS
POWER PLANT
CITY OF LOS ANGELES
CITY OF LA CANADA–FLINTRIDGE
CITY OF PASADENA
CITY OF BURBANK
CITY OF LOS ANGELES
LEGEND
MWD Connections
Wells
Pump Stations
Water Treatment Facilities



2009-2010 Water Year ULARA Wastermaster Report	Upper Los Angeles River Area: San Fernando Groundwater Basin	PLATE 1A

FIGURE 2

FIGURE 3

GLENDALE WATER TREATMENT PLANT
SYSTEM LAYOUT

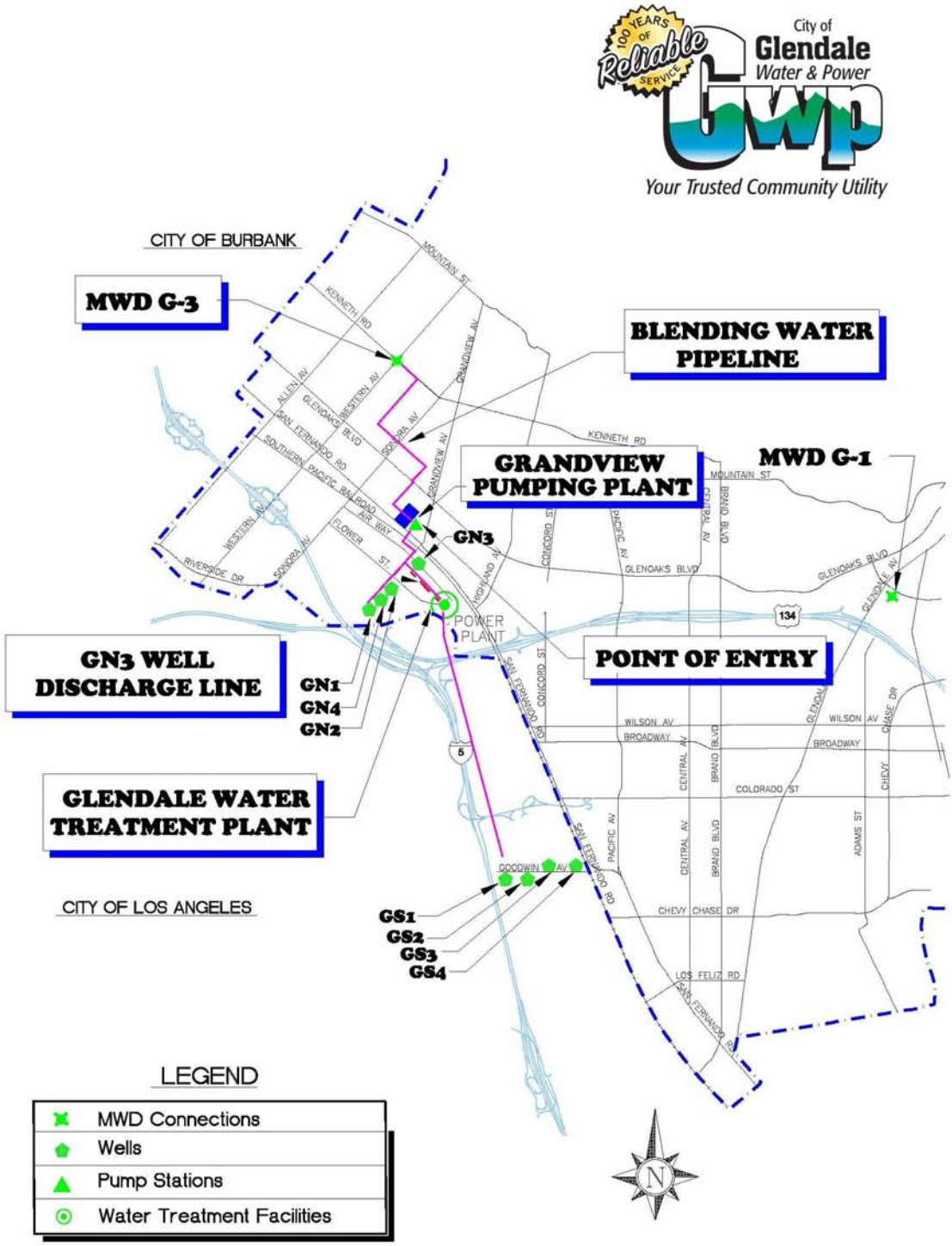


FIGURE 4

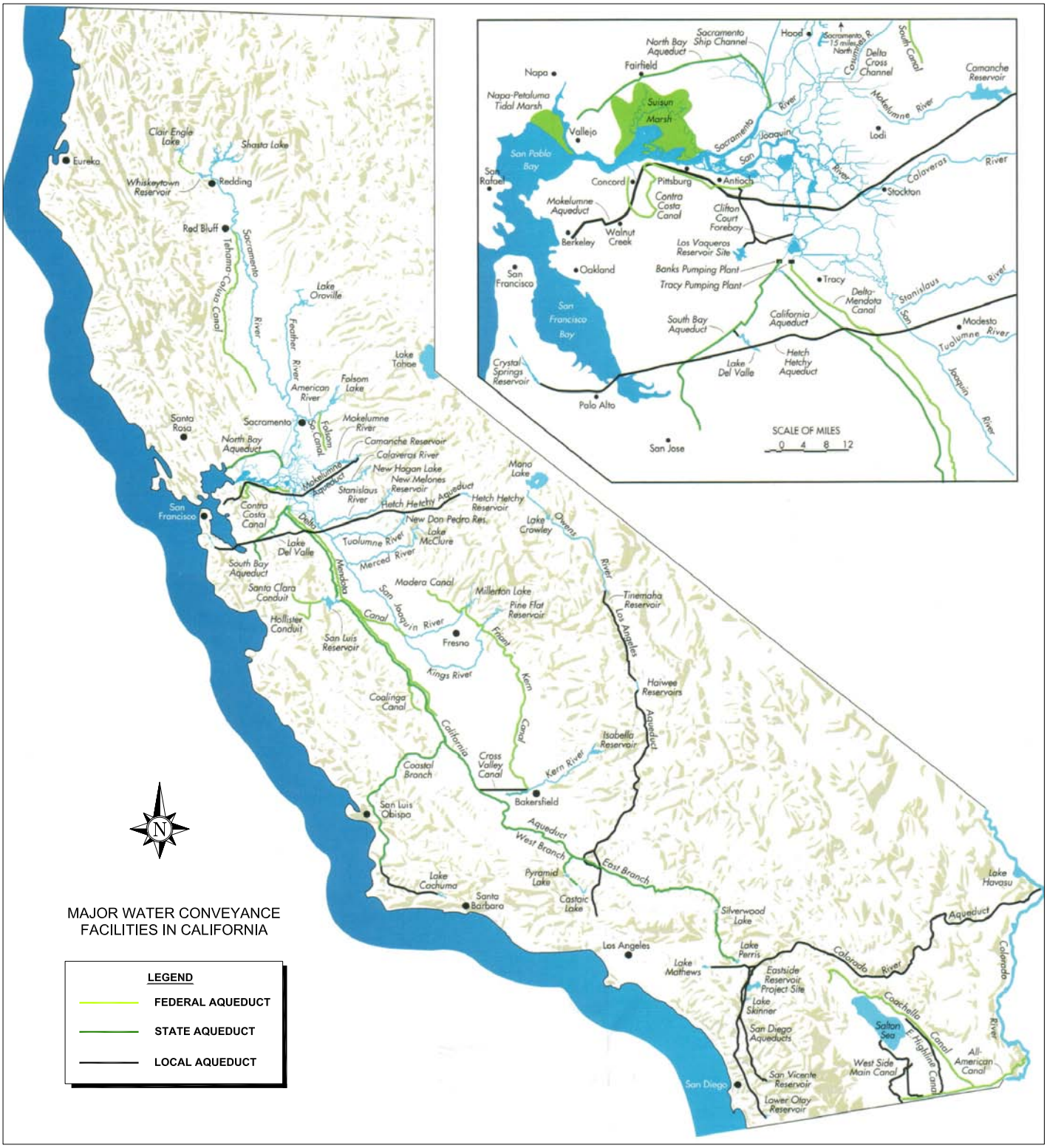

Eureka
Clair Engle Lake
Shasta Lake
Whiskeytown Reservoir
Redding
Red Bluff
Tehama Colusa Canal
Sacramento River
Lake Oroville
Feather River
Lake Tahoe
American River
Folsom Lake
Santa Rosa
Sacramento
Folsom South Canal
Mokelumne River
North Bay Aqueduct
Calaveras River
Camanche Reservoir
New Hogan Lake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

FIGURE 5

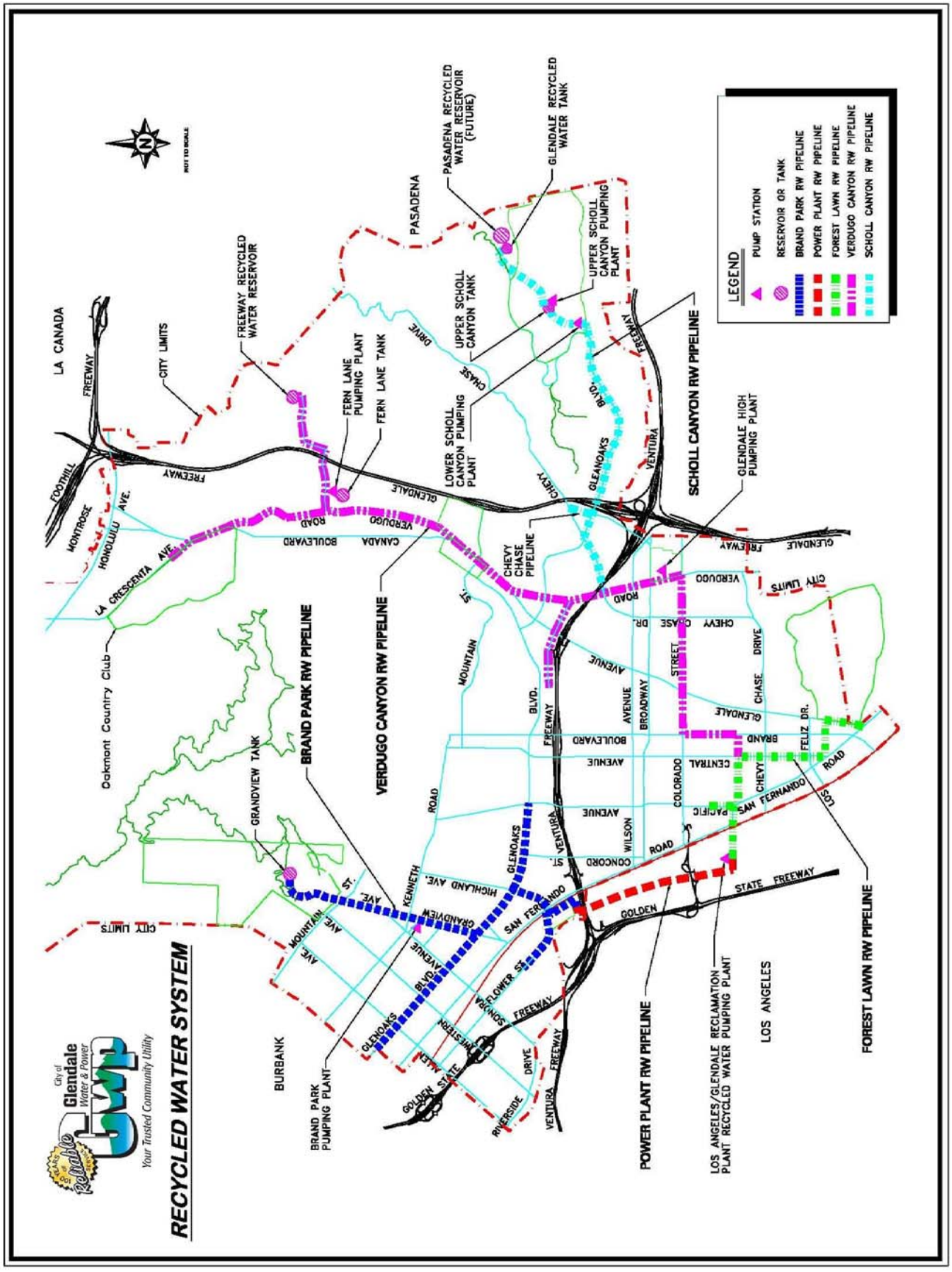

RECYCLED WATER SYSTEM
City of Glendale Water & Power
GWP
Your Trusted Community Utility
NOT TO SCALE
LEGEND
PUMP STATION
RESERVOIR OR TANK
BRAND PARK RW PIPELINE
POWER PLANT RW PIPELINE
FOREST LAWN RW PIPELINE
VERDUGO CANYON RW PIPELINE
SCHOLL CANYON RW PIPELINE
PASADENA RECYCLED WATER RESERVOIR (FUTURE)
GLENDALE RECYCLED WATER TANK
UPPER SCHOLL CANYON PUMPING PLANT
UPPER SCHOLL CANYON TANK
LOWER SCHOLL CANYON PUMPING PLANT
FREEWAY RECYCLED WATER RESERVOIR
FERN LANE PUMPING PLANT
FERN LANE TANK
GLENDALE HIGH PUMPING PLANT
CHEVY CHASE PIPELINE
GRANDVIEW TANK
BRAND PARK PUMPING PLANT
LOS ANGELES/GLENDALE RECLAMATION PLANT RECYCLED WATER PUMPING PLANT
LA CANADA
PASADENA
BURBANK
LOS ANGELES
Oakmont Country Club
CITY LIMITS
FREEWAY
BOULEVARD
AVENUE
ROAD
DRIVE
STREET
MOUNTAIN
GLENDALE
BRAND
CHEVY CHASE
FELIZ DR.
SAN FERNANDO
STATE FREEWAY
GOLDEN STATE
RIVERSIDE
VENTURA
GLENOAKS
KENNETH
HIGHLAND AVE.
GRANDVIEW
SONORA
WHITSETT
COLORADO
CENTRAL
PACIFIC
CONCORD
WILSON
MONTROSE
FOOTHILL
HONOLULU AVE.
LA CRESCENTA AVE.
CANADA
VERDUGO
CHEVY
CHASE
GLENOAKS
BLVD.
FREEWAY
VENTURA
FOREST LAWN RW PIPELINE
POWER PLANT RW PIPELINE
SCHOLL CANYON RW PIPELINE
BRAND PARK RW PIPELINE
VERDUGO CANYON 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-07	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-09	Irrigation
17	Fairmont Street Extension Project	907 Flower Street	1	Mar-10	Irrigation
		VERDUGO SCHOLL PROJECT (B)			
18	Colorado Blvd - Parkway Irrigation	815 E Colorado Street	1	1997	Irrigation
18	Colorado Blvd - Parkway Irrigation	1311 E Colorado Street	1	1997	Irrigation
18	Colorado Blvd - Parkway Irrigation	1401 E Colorado Street	1	1997	Irrigation
19	CalTrans	1970 E Glenoaks Blvd (E/S,W/S I2)	2	1995	Irrigation
19	Caltrans	406 N Verdugo Rd (at Chevy Chase Dr)	1	1995	Irrigation
19	Caltrans	709 Howard Street (at Monterey Road)	1	1995	Irrigation
19	Caltrans	2000 E Chevy Chase Drive (at Harvey)	1	1995	Irrigation
20	741 S. Brand Median	741 S Brand Boulevard (Median)	1	1995	Irrigation
21	Montecito Park	2978 N Verdugo Road (at Sparr)	1	1995	Irrigation
22	N. Verdugo Rd Median/La Cresenta Ave	3220 N Verdugo Road/Median/ La Crescenta Avenue *OPP	1	1996	Irrigation
23	Verdugo Rd/Canada (North Median)	3021 N Verdugo/Canada Median	1	1996	Irrigation
24	Verdugo Rd/Canada South Overpass	Verdugo/Canada (South) Overpass	1	1995	Irrigation
25	Parque Vaquero	1285 N Verdugo Road	1	1998	Irrigation
26	701 N. Glendale Ave - Median @ Monterey Rd	701 N Glendale Avenue (Median)	1	1995	Irrigation
27	Civic Auditorium	1401 N Verdugo Road	1	1996	Irrigation
28	Sports Complex	2200 Fern Lane	1	1998	Irrigation
29	Adult Recreation Center	201 E Colorado Street	1	1995	Irrigation
30	Glenoaks Park	2531 E Glenoaks Boulevard	1	1995	Irrigation
31	Scholl Canyon Park	2849 E Glenoaks Boulevard	1	1996	Irrigation
32	Scholl Canyon Ballfield	3200 E Glenoaks Boulevard	1	1997	Irrigation
33	Glendale High School	1440 E Broadway	1	1995	Irrigation
34	Wilson Junior High School	1220 Monterey Road	1	1995	Irrigation
35	Glendale Adventist Hospital	1520 E Chevy Chase Drive	1	1997	Irrigation / Cooling Towers
36	Glenoaks Elementary School	2015 E Glenoaks Boulevard	1	1998	Irrigation
37	Glendale Community College	1500 N Verdugo Road	2	1996 & 2004	Irrigation / Toilet Flushing
38	Oakmont Country Club	3100 Country Club Drive	1	1996	Irrigation

CITY OF GLENDALE

Recycled Water Account Information

NO.	PROJECT NAME	ADDRESS	NO. OF METER	DELIVERY DATE	TYPE OF USE
39	Central Library	222 E Harvard Street	2	1995	Irrigation
40	Armory	220 E Colorado Street	1	1996	Irrigation
41	Scholl Canyon Golf Course	3800 E Glenoaks Boulevard	1	1998	Irrigation
42	Scholl Canyon Landfill (PW)	3798 E Glenoaks Boulevard	2	1996	Irrigation/ Soil Compaction/ Dust Control
43	Scholl Canyon Landfill (LACSD)	2847 E Glenoaks Boulevard	1	1997	Irrigation/ Soil Compaction/ Dust Control
44	Public Works (Scholl Canyon)	3798 E Glenoaks Boulevard	1	1996	Irrigation
44	Public Works (Scholl Canyon)	3798 E Glenoaks Boulevard	1	1996	Irrigation
45	Fern Lane (Freeway Tank + Median)	1926 Fern Lane	1	1997	Irrigation
46	Glendale Retirement Home	1551 E Chevy Chase Drive	1	Jul-09	Irrigation
47	Americana at Brand LLC	233 S Brand Boulevard	1	Apr-09	Irrigation
48	Monterey Community Garden	870 Monterey Road	1	Aug-09	Irrigation
49	City of Glendale - CCBG	827 Monterery Road	1	Jan-11	Irrigation

FIGURE 7

CITY OF GLENDALE

FUTURE RECYCLED WATER USERS

***As of* December 31, 2011**

	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 (to be completed in 2012 FUTURE)	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 (to be completed in 2012 FUTURE)	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* December 31, 2011**

	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	Disney GC3 Phase 2 - 1200 Grand Central (to be completed in 2012)	Construction	NO	20	Irrigation / Flushing
53	Disney Workshop (900 Grand Central) (to be completed in 2012)	Construction	NO	5	Irrigation
54	Grandview Condos	Design Stage	NO	5	Irrigation
55	Glendale Narrow Riverwalk Project /Fairmont Project (to be completed in 2012)	Design Stage	NO	10	Irrigation
56	Griffith Manor Park* (for future connection to City of Los Angeles)	Completed	NO	5	Irrigation
57	Caltrans I-5	Planning Stage	NO	30	Irrigation
58	Public Works - Street Sweeping/Yard (to be completed in 2012)	Design Stage	NO	20	Street Sweeping
59	GWP-UOC - Airway	Design Stage	NO	10	Irrigation / Flushing Toilets
	TOTAL		2848	1048	
	* RW main service not yet available.				
	** Pasadena and Los Angeles Demand not included				

APPENDIX D

CITY OF SAN FERNANDO

PUMPING AND SPREADING PLAN

2011-2016 Water Years

CITY OF SAN FERNANDO

GROUNDWATER PUMPING AND SPREADING PLAN

OCTOBER 1, 2011 TO SEPTEMBER 30, 2016

2011-2012 Water Year

Prepared by:

Public Works Department

Water Division

117 Macneil Street

San Fernando, California 91340

May 2012

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 2012 and install a new Envirogen ion exchange nitrate removal unit to be located at our lower reservoir site.

C. Quantity (Acre-Feet) of Water Pumped From Each Well (2010-2011)

1.	Well 2A	2,816.71
2.	Well 3	.46
3.	Well 4A	264.71
4.	Well 7A	.11
	Total	3,081.99

D. Wells Groundwater Level Data

1.	Well 2A	1122.5 Taken 12/11
2.	Well 3	1086.2 Taken 12/11
3.	Well 4A	1091.1 Taken 12/11
4.	Well 7A	1131.3 Taken 12/11

E. Well Locations

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 6,510 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 3,255 acre-feet per year.

A stipulation approved by the Court 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.

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, 2011 the City of San Fernando has a stored water credit of 1,500.79 acre-feet accumulated during previous years through the 10-11 water year.

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

(Acre – Feet)

FY	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
DEMAND											
WELLS	2,856	2,894	3,669	3,473	3,143	3,082	3,150	3,150	3,100	3,100	3,100
MWD	802	901	0	0	51	18	50	50	100	100	100
TOTAL	3,658	3,795	3,669	3,473	3,194	3,100	3,200	3,200	3,200	3,200	3,200
ACTUAL							**PROJECTED**				

APPENDIX A

WATER QUALITY DATA

SEE ATTACHED WATER QUALITY REPORT, 2010

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

2011-2016 Water Years

CRESCENTA VALLEY WATER DISTRICT

GROUNDWATER PUMPING & SPREADING PLAN

FOR

WATER YEARS

OCTOBER 1, 2011 TO SEPTEMBER 30, 2016

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

Prepared for:
ULARA Watermaster's Office

May 2012

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 and this issue will be investigated more in the coming years by CVWD and the City of Glendale.

The Groundwater Pumping Plan is based on the water years October 1, 2011 to September 30, 2016.

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 2006/07 and 2010/11 were affected by a number of factors including annual rainfall, statewide drought, the unstable economy and water conservation efforts within the Crescenta Valley.

Also, demands in the CVWD service area seem to vary significantly 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 7.7 inches in 2006/07 to 32.2 inches in 2010/11, which was 37% above 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 for over-usage beginning June 2008. The MWD allocation plan was suspended in April 2011.

In 2010/11, CVWD's Board of Directors reduced the mandatory water conservation program to a volunteer water conservation program. The program called for residents to resume outdoor landscape irrigation, and to use water wisely.

CVWD anticipated an overall annual decrease in water demand of approximately 3% to 5% per year over the next five (5) years in responses to the community's water conservation efforts. In 2010/11, CVWD saw a 1% decrease in water demand compared to 2009/10, which is attributed to continued public awareness on water conservation.

III. WATER SUPPLY

The water supply for CVWD is composed of locally produced and treated groundwater, imported water from MWD purchased on a wholesale basis from Foothill Municipal Water District (FMWD). In 2010/11, 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 WY 2011/12.

In 2010/11, CVWD observed an increase in groundwater production as compared to 2009/10. CVWD's wells produced 2,926 ac-ft, which was 368 ac-ft under the adjudicated rights of 3,294 AFY.

Wells 9 & 11 were back in service in November 2010, which attributed to the increase in groundwater production. Also, the MTBE level in Well 5 decreased and CVWD was able to put Well 5 back into service in March 2011.

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 2010/11, CVWD observed the water levels in its groundwater wells decrease over the year due to the rainfall amount received in the Crescenta Valley in 2010/11. However, the overall well capacity for 2010/11 was 3.59 MGD which was more than 2009/10 at 2.74 MGD or a 31% overall increase in capacity with three (3) wells back in service.

A.1 Nitrate in Wells

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

A.1.1 Glenwood

The Glenwood Nitrate Removal Treatment Plant ion-exchange process is used to treat 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 2010/11, the ion-exchange plant was in operation for 10 months of the year to maximize the use of local groundwater. In August & September 2011, the Nitrate Removal Treatment Plant was taken out of service during annual maintenance to replace the ion-exchange resin.

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 and that the plume had moved away from Well 7, and MTBE levels in other nearby wells had not increased.

In April 2008, CVWD asked CPDH for permission 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 had been taken 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 July 2008, CVWD observed that the MTBE level in Well 5 was beginning to rise and in early 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 were 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.

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 2010/11, 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	No Work
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.

B. WELL REPLACEMENT PROGRAM

The District's active wells range in age from 10 to 81 years old and are mostly beyond their useful life. CVWD has included in its 10-year Capital Improvement Project (CIP) program to drill a new water production well within the next three (3) years and it is CVWD's desire in the next 5 – 10 years to continue with replacing its older wells.

CVWD is working with the City of Glendale on Glendale's groundwater replacement program.

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 2010/11 CVWD performed well rehabilitation on Well 10. In 2011/12, CVWD is planning to perform well rehabilitation on Wells 1 & 8.

D. GLENWOOD NITRATE REMOVAL PLANT

The Glenwood ion-exchange nitrate removal plant was placed into operation in January 1990. The plant was out of operation for extended periods in 1992–93 and again in 1997 when repairs were necessary.

During 2010/11, 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 2011/12. CVWD replaced the ion-exchange resin in August & September 2011 during its annual maintenance shutdown. 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 2010/11, the amount of imported water purchased from MWD via FMWD was less than previous years due to the increased amount of groundwater produced and decreased water demands through CVWD's water conservation efforts.

In 2011/12, CVWD anticipates a slight increase in the amount of imported water received from FMWD as the overall water demand will increase with less water conservation. 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.

CVWD used the Glendale/CVWD interconnect (GCI) in 2010/11 during a 10-day MWD/FMWD shutdown.

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 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.

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 03/04 - CVWD pumped below its adjudication since basin production was declining.
- 2004/05 - CVWD increased in 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.

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

2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
5,599	5,344	4,852	4,405	4,363	4,583	4,785	4,921	5,024	5,111
ACTUAL					PROJECTED				

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

2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
3,305	3,281	2,965	2,651	2,926	3,111	3,245	3,294	3,294	3,294
ACTUAL					PROJECTED				

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

2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
664	660	459	410	592	485	500	500	500	500
ACTUAL					PROJECTED				

NOTES:

(1) The Glenwood Treatment Plant has a capacity of 2.7 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)

2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
69	64	60	56	57	60	60	60	60	60
ACTUAL					PROJECTED				

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

2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
2,294	2,064	1,888	1,754	1,437	1,471	1,540	1,627	1,730	1,823
ACTUAL					PROJECTED				

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

APPENDIX F

ANNUAL MUNICIPAL EXTRACTIONS IN ULARA

1979-2011

ANNUAL MUNICIPAL EXTRACTIONS IN ULARA
1979-80 through 2010-11
(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	
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	5,267	3,474	74,692	83,433	2,768	3,100	5,868	2,845	2,270	5,115	94,417

*Includes municipal pumping only for years Prior to 2010. After 2010, includes physical solution pumping in the cities of Burbank and Glendale.