Sammamish River Valley Groundwater Study

2003-2004 Data Report

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King County

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EXECUTIVE SUMMARY

The King County Department of Natural Resources and Parks (DNRP) performed an investigation of the geology and hydrology of the Sammamish River Valley (SRV) to assess the quality and quantity of groundwater in the study area and to assess the interaction of groundwater and surface water in the SRV. The long-term objectives of the study are to provide a baseline assessment of the groundwater system for future re-use project, to make recommendations regarding habitat improvement in the SRV and to assess opportunities to mitigate impacts of development on the flow and temperature of the Sammamish River.

The scope of the investigation included the installation of 21 monitoring wells in the SRV, water level monitoring, and the collection of samples for water quality testing. The monitoring wells are located in three subareas of the SRV: Marymoor Park, Sixty-Acres, and Woodinville. The boundaries of the SRV and the locations of the subareas are shown in Figure 1. The study period covered 2003 through 2004. Four rounds of groundwater samples were collected during the period, and water levels were recorded continuously.

Groundwater samples were analyzed for microbiological parameters, conventional water quality parameters, metals, volatile and semivolatile organic compounds, endocrine disruptor compounds, pesticides, and polychlorinated biphenyl compounds (PCBs). The results of the water quality investigation are that the concentrations of contaminants are generally below maximum contaminant levels (MCLs) established under the Safe Drinking Water Act and other Washington state criteria. Exceptions include arsenic, iron, manganese, and sodium, all of which leach into groundwater from rocks and soil and are present in the SRV within the range of Pacific Northwest background concentrations.

Groundwater quality in several wells contain constituents that may indicate the infiltration of surface water into shallow groundwater: three wells had elevated concentrations of total organic carbon, microbes (including total and fecal coliform and *Escherichia coli)* were detected in several wells, and the heterotrophic plate count results were elevated in several wells.

Organic compounds were generally not detected in groundwater, although the pesticide dieldrin was found in nearly all of the samples collected in the Marymoor Park Subarea. Several other volatile and semivolatile compounds were also detected in a few samples at concentrations below MCLs.

Groundwater level measurements fluctuate seasonally and clearly respond to precipitation in all the shallow wells. Stage data from the Sammamish River and the three tributaries that were monitored also respond to precipitation and show seasonal fluctuation. The groundwater level data show that flow is typically toward the Sammamish River and down the river corridor. Water level data from paired well locations show a seasonal upward vertical gradient from deep to shallow. The results of the investigation do not provide the basis for a quantitative evaluation of groundwater/surface water interaction, but the groundwater levels do indicate that groundwater discharges to the Sammamish River in all of the subareas. Surveying the elevation of staff gages used to monitor surface water levels would allow comparison of surface water and groundwater levels.

1.0. INTRODUCTION

The Department of Natural Resources and Parks (DNRP) has investigated the geology and hydrology of the Sammamish River Valley (SRV) to assess groundwater quality and the hydrologic interaction between the groundwater and surface water. As part of the investigation, water levels were measured continuously in monitoring wells in three areas of the SRV during 2003 and 2004 and water samples were collected from the wells for chemical and microbiological analyses. The results of the water level and water quality monitoring are presented in this report.

1.1 Study Area

The Sammamish River runs north and west from Lake Sammamish 12 miles to Lake Washington. Its entire length was channelized for flood control in 1964. Along this waterway, six river basins drain into the valley. The subbasins from Lake Sammamish to Lake Washington are: Bear Creek (which drains Evans Creek and Cottage Lake Creek), Little Bear Creek, North Creek, and Swamp Creek. The locations of Lake Sammamish, Lake Washington, and the subbasins are shown on Figure 1.

The SRV was primarily small farms and pasturelands that have been encroached upon by urban land uses. Residential and commercial development is focused on the edges of the valley.

Three subareas in the SRV were the focus of the study: Marymoor Park, Sixty-Acres, and Woodinville. The locations of the three subareas are shown relative to the Sammamish Watershed in Figure 1, and each of the three subareas is shown in greater detail in Figures 2 through 4.

1.2 Project Background

King County's SRV Groundwater study was designed to collect data and information that will be used to help develop recommendations for habitat improvements that are compatible with existing human uses of the river corridor, including recreation, agriculture, and urban development. In particular, the groundwater study findings are intended to inform decisions related to strategies for mitigating Sammamish River flow and temperature problems between Lake Sammamish and Lake Washington. It will also provide input to help guide development of reclaimed water projects in the river corridor.

In the Sammamish River Valley, DNRP installed a total of 21 monitoring wells (Table 1). DNRP collected groundwater samples from the wells, analyzed the samples for a wide range of chemicals, monitored water levels in the wells, and tested the wells for aquifer properties. Water levels were measured in the Sammamish River and two tributaries to assess potential groundwater flow into or out of the river. Geophysical surveys were used, as well as the lithologic logs from the monitoring well borings, to interpret geological strata beneath the valley (King County 2002 and 2004).

1.3 Goals and Objectives

The overall goal of this study is to characterize the current state of the groundwater within the SRV in terms of water quality and quantity. In addition, the data from this study is intended to help make informed decisions relating to strategies for mitigating flow and temperature problems in the Sammamish River between Lake Sammamish and Lake Washington. The project goal can be met by implementing the following objectives:

1. Delineate the amount of groundwater in the SRV;
2. Describe the groundwater quality of this region;
3. Determine how much groundwater is flowing into the Sammamish River;
4. Determine the stratigraphy of the SRV;
5. Build a groundwater model of the SRV;
6. Develop strategies for improving stream temperatures within the Sammamish River; and
7. Develop strategies for improving flows within the Sammamish River.

This report, which presents the results of the 2003 – 2004 monitoring, provides data that will be used to address several of these objectives, including assessing the quality and flow direction of groundwater in the SRV.

1.4 Historic Data Review

The groundwater study is being accomplished by strategically combining existing data and resources with new data collection activities and by developing partnerships with other agencies and entities. In terms of compiling existing data and resources, DNRP's major focus involved developing a database with information from more than 6,000 soil borings, monitoring wells, and test pits that represent more than 115,000 feet (22 miles) of vertical exploration. This database, which was developed in cooperation with the Pacific Northwest Center for Geologic Mapping Studies at the University of Washington, contains geologic and hydrogeologic information that was originally obtained by a variety of public entities. These sources include cities (e.g. Bothell, Kenmore, Lake Forest Park, Redmond, and Woodinville), public utilities (e.g. Cross Valley Water District, Northshore Utility District, Seattle Public Utilities) and state and federal agencies (e.g. Washington Departments of Transportation and Ecology, U.S. Geological Survey). DNRP used the information from this database to develop geologic cross sections depicting the subsurface geology and groundwater flow systems in the Sammamish River Valley.

2.0. SAMPLING METHODS

2.1 Water Quality Sampling

Water quality monitoring site locations were determined using a differential global positioning system and surveyed by King County. In all, 21 groundwater wells were sampled in three subareas: Marymoor, Woodinville, and Sixty-Acres. The locations of the wells are shown on Figures 2, 3, and 4, and the reference elevation and the depth to the bottom of the well screen are provided for each well in Table 1. Field sampling and analytical laboratory procedures are described in detail in the Sampling and Analysis Plan (King County 2003) (SAP) and summarized in the following sections.

2.1.1 Sampling Events

This study was conducted over a two-year period: 2003 – 2004. Four rounds of sampling were performed on most of the wells, including two sampling events in 2003 (May and September/October) and two sampling events in 2004 (February/March and October). A reconnaissance sampling event was also performed on two wells (M2a and W2a) in February 2003 to obtain an initial assessment of contaminant concentrations in groundwater; a total of five rounds of samples were collected from these two wells. Two wells (W1a and W8) were not sampled in May 2003 for a total of three sampling events. Sampling was intended to capture both wet and dry seasons. Wells W1a and W8 were not sampled in May 2003 because of high turbidity (values exceeded 200 Nephelometric Turbidity Units).

2.1.2 Sampling Procedures

Wells at each location were purged before sample collection to obtain representative samples of the formation water, rather than stagnant water from the well casing. Low-flow purging methods were used to collect samples for all parameters, except enteric virus, which required a separate sampling protocol. For enteric virus, a pre-filter purge of 95 liters preceded the collection of a 1500-liter sample volume, at a maximum flow rate of approximately 3 gallons per minute (gpm). For all other parameters, the volume pumped was determined in the field based on stabilization of four field parameters: specific conductance, dissolved oxygen, turbidity, and pH. Acceptable variability for each of these four field parameters is 10 microsiemens per centimeter, 2 milligrams per liter (mg/l), <5 Nephelometric Turbidity Units, and 0.1 standard units, respectively.

To reduce the chance of cross-contamination between wells, a separate sample tubing arrangement was used at each well, and different types of tubing were used to collect each analyte group. The analyte groups were collected in the following order: enteric virus, other microbiological parameters, conventional water quality parameters, metals and organic compounds. Sterile (autoclaved) Tygon tubing was used to first collect the microbiology parameters, with the exception of enteric virus; after the May 2003 sampling event, however,

tubing was changed to MasterFlex tubing. The same tubing was subsequently used to collect the conventional parameters. Acid-washed Teflon sampling tubing and acid-washed Masterflex/C-flex pump tubing were used to sample metals and organic analytes.

If a well was pumped dry prior to reaching the designated purge volume, the water level was allowed to recover prior to sampling, using the minimum time between purging and sampling needed to collect a sufficient sample volume. Samples were pumped directly into appropriate pre-labeled containers provided by the laboratory, to minimize air contact. Tubing did not touch, nor was it placed inside of, sample bottles. Bottle caps were removed carefully to avoid contamination. Field personnel wore nonpowdered latex gloves and changed gloves between wells. Low-level metals sampling was conducted as per "clean technique", and ultra low level mercury samples were collected as per the clean hands/dirty hands technique (EPA Method 1669).

After collection, sample bottles were tightly capped, dried, recorded, and placed in clean sample coolers for delivery to the laboratory for analysis. Samples were delivered daily to the laboratory to maintain temperature control and meet holding time requirements. Bottles provided by the laboratory contained the necessary preservatives.

Field Quality Control (QC) samples consisted of: 1) One duplicate per 20 samples for the entire suite of parameters, 2) one field atmosphere blank per sampling day for all metals, 3) one field equipment and one carboy blank per sampling day for all metals, 4) one field equipment and one carboy blank per sampling week for all metals, semivolatile organic compounds (BNA-SUR), and endocrine disruptor compounds (EDCs), and 5) one trip blank per day for volatile organic compounds (VOA-SUR).

2.1.3 Analytical Laboratory Procedures

Method and reporting limit requirements for microbiological parameters, conventional water quality parameters, metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOC), EDCs, pesticides, and polychlorinated biphenyl compounds are identified in Section 5.1 and Appendix B of the SAP. The analytical parameters and associated Maximum Contaminant Limits (MCL), where applicable, are identified in Table 2.

2.2 Water Quantity Data Collection

Surface water level data were collected from the Sammamish River and three of its tributaries: Evans Creek, Bear Creek, and Little Bear Creek. Groundwater level data were collected from the 21 wells within the three subareas. Precipitation data was recorded between January 2003 and January 2005 at site 02v (Bear Creek Basin).

2.2.1 Depth to Water (Well Depth) Measurements

Groundwater levels were measured to the nearest 0.01 foot using a decontaminated electronic well probe prior to sample collection. Water levels were measured before and after purging to

assess drawdown effects at each well, and to produce a representative static groundwater contour map.

2.2.2 Levelogger Measurements

Water levels were recorded in 15-minute intervals with Solinst Leveloggers®. Hand measurements were recorded periodically to confirm transducer readings. The date/time measurements for the Leveloggers® in the SRV study are always set to Pacific Standard Time.

3.0. WATER QUALITY RESULTS

All of the microbiological and chemical analytical data generated for the 2003 – 2004 SRV groundwater investigation are presented in tables in Appendix A.

3.1 Microbiology

3.1.1 Coliform

Coliform bacteria tests were conducted on groundwater samples in both 2003 and 2004. Two types of bacteria tests were conducted, total and fecal coliform. Coliform bacteria are very common in the environment, and only certain types of coliform bacteria, such as fecal coliform, are considered to have potential human health impacts. Fecal and other coliforms in water-supply wells are often indicators of a poorly sealed well casing, resulting in a pathway for contaminated water to enter the well screen from the surface or septic systems.

The drinking water MCL for total coliform bacteria requires that no more than 5 percent of routine samples collected in a single month from a single water supply have a positive total coliform result. This standard applies to public water supplies, which are sampled much more frequently than the wells in this study. Semiannual sampling, such as that performed for this investigation, does not provide a suitable database for comparing measurements to the MCLs. Further, coliform bacteria, particularly fecal coliform, are rarely detected in properly installed and maintained water supply wells because of the regular movement of water through the wells and periodic disinfection of the wells. By comparison, monitoring wells, such as the 21 wells sampled in this study, are generally not pumped and are never disinfected.

During the 2003 – 2004 monitoring program all of the monitoring wells had positive total coliform detections. There was one detection of fecal coliform in well M1a, and this detection is believed to indicate downhole contamination resulting from surface activity. As explained in the previous paragraph, the presence of coliform bacteria in monitoring, nonsupply, wells is not necessarily an indication of contaminated groundwater.

3.1.2 *Escherichia coli*

E. coli were detected in three of 21 wells. Wells W7a and W7b each had 1 CFU/100 ml in one sample during the study period. *E. coli* were detected in well M1a in the May 2003 (2 CFU/100 ml) and October 2004 sampling events (87 CFU/100 ml). These detections are believed to be the result of surface activity that caused downhole contamination. As described in the previous section, monitoring wells are not routinely pumped and are not disinfected. The presence of *E. coli* in samples from monitoring wells does not necessarily indicate groundwater contamination present in the aquifer. In addition, the findings do not indicate a health concern since the monitoring wells are not used for potable supply.

3.1.3 Heterotrophic Plate Count (HPC)

HPC is used to estimate the number of live heterotrophic bacteria in water samples, and is often used to determine if sterilization treatments are working. The method detection limit is 1 CFU/ 100 ml. There was a wide variation in the HPC counts in the three subareas. Counts in the Woodinville Subarea ranged between 500 and 100,000 CFU/100 ml. Counts in the Marymoor Subarea ranged between 460 and 1,000,000 CFU/100 ml, with this latter count obtained from well M1a in September 2003. Counts in the Sixty-Acres Subarea were highest, ranging from 100 to 18,100,000 CFU/100 ml. Two counts in excess of 1,000,000 CFU/100 ml were found in well W8 in September 2003 and March 2004.

3.1.4 Crypto/Giardia

Cryptosporidium and giardia analyses were performed on samples collected in May 2003. Neither cryptosporidium nor giardia was detected in any samples. These parameters were only included during the first round (May 2003) of sampling.

3.1.5 Enteric Virus

Enteric virus analyses were performed on selected samples. In the May 2003 sampling event, enteric virus analyses were performed on samples from wells L1a, M2a, W2a, and W7b. In the February/March 2004 sampling event enteric virus analyses were performed on samples from wells L2a, M3, W6, and W7b) collected in. Enteric virus was detected in one sample, the May 2003 sample from well W7b, at an estimated concentration (0.026 plaque-forming units per liter) below the reporting limit. Therefore, this detection was qualified and may not represent actual groundwater quality. This location was resampled in February 2004, and no viruses were detected.

3.2 Conventional Water Quality Parameters

All of the conventional water quality parameters discussed in the report are naturally occurring in groundwater and have negative aesthetic or human health impacts only at high concentrations. High concentrations exceeding MCLs are generally indicative of contamination from man's activities. The MCLs of analytes included in this study can be found in Table 2.

3.2.1 Total Organic Carbon

Total organic carbon (TOC) in water does not directly present a health hazard, although elevated TOC concentrations in drinking water supplies are undesirable because the organic carbon combines with chlorine in disinfection to form chlorinated organic compounds that present health hazards. TOC concentrations in groundwater are generally below 10 mg/l unless the water-bearing formation contains peat or other organic matter or if the groundwater is in communication with surface water that contains elevated TOC concentrations.

TOC concentrations in most samples from the three subareas were within the range of 1.0 to 5.0 mg/l, with the exception of a few wells within the Sixty-Acres Subarea. Concentrations of TOC were higher in wells W4s (23.4 – 44.4 mg/l), W5 (8.51 – 39.3 mg/l), and W6 (18.4 – 40.5 mg/l) (Appendix A, Table A-2).

3.2.2 Nitrate

Nitrate occurs in groundwater in many areas of the United States. Nitrate (NO_3) has been studied extensively because of potential human health effects at concentrations above the MCL of 10 mg/l (NO_3 as N). There have been a few cases in the United States where nitrate concentrations above 10 mg/l have been linked to the occurrence of methemoglobinemia, or blue baby syndrome. This syndrome is very rare and is the result of nitrate affecting infant blood chemistry.

Nitrate has many natural and human sources in the environment. Nitrate is a component of most lawn and garden fertilizers. Because nitrate is very soluble in water, it can easily be leached into shallow groundwater in areas where fertilizer is commonly applied, such as gardens, farms, and golf courses. Nitrate is also a component of animal and human waste. Therefore, shallow groundwater is sometimes impacted by nitrate near household septic system drainfields and animal feedlots. Some plants, such as clover and alders, cause nitrogen to be fixed out of the atmosphere and thus enrich the soil and groundwater in nitrates.

Because nitrate contamination of groundwater can be caused by many of man's activities, it is commonly used as a general indicator of groundwater quality. Groundwater unaffected by man's activities typically has nitrate concentrations less than 1 mg/l as nitrogen. Although there are no documented human health effects with nitrate concentrations less than 10 mg/l, many agencies use the concentration of 5 mg/l as a trigger for more intensive monitoring.

Fifteen of the 21 wells had nitrate detections, including wells from all of the subareas (Appendix A, Table A-2). Only one well, W7a, exceeded the 10 mg/l MCL for nitrate. W7a was tested four times during the 2003 – 2004 sampling period with one MCL exceedance,16.1 mg/l, in the May 2003 event. Well W7a exceeded 5 mg/l in February 2004 with a measured concentration of 5.68 mg/l. Well W7b also exceeded 5 mg/l during 2003 and 2004.

A time-trend plot of nitrate concentrations in several wells representative of the three subareas is presented in Figure 5. Nitrate concentrations do not exhibit a consistent upward or downward trend with time in any of the wells, although four sampling events provide insufficient data to conclude that there is a trend. The data reveal that nitrate concentrations in the tested wells are nearly all below the MCL of 10 mg/l.

3.2.3 Fluoride

Washington State's groundwater quality criteria (Chapter 173-200 WAC) list fluoride as a primary groundwater contaminant with a MCL of 4.0 mg/l. No wells had fluoride concentrations greater than one-tenth the MCL. Fluoride concentrations during the 2003 – 2004 sampling period ranged between 0.022 and 0.318 mg/l (Appendix A, Table A-2).

3.2.4 Sulfate

Washington State's groundwater quality criteria list sulfate as a secondary groundwater contaminant with a MCL of 250 mg/l. Sulfate has been positively identified in 20 of the subarea groundwater wells, all except well W1a. Sulfate concentrations during the 2003 – 2004

sampling period ranged between 0.11 and 115 mg/l. All of the Marymoor Park and Woodinville Subarea wells had concentrations below 25 mg/l. In general, concentrations in the Sixty-Acres Subarea wells were higher, exceeding 100 mg/l at wells W7a and W7b.

3.2.5 Total Dissolved Solids

Washington State's groundwater quality criteria list total dissolved solids (TDS) as a secondary groundwater contaminant with an MCL of 500 mg/l. TDS concentrations were measured in all of the subareas. TDS concentrations during the 2003 – 2004 sampling period ranged between 126 and 433 mg/l. Concentrations of TDS in the Sixty-Acres Subarea wells were higher than in the Marymoor and Woodinville Subareas. The highest TDS concentrations in the Sixty-Acres Subarea (well W6) exceeded 400 mg/l; the highest TDS concentrations in either the Marymoor or Woodinville Subareas were below 220 mg/l.

3.3 Metals

The following metals were either not detected or detected at estimated concentrations below the reporting detection limits (RDL) in all samples: antimony, beryllium, cadmium, selenium, silver, and thallium. The following metals were detected but at concentrations below their respective MCLs in any samples: barium, chromium, copper, mercury, and lead. The analytical results for the remaining metals included in the 2003 – 2004 SRV groundwater investigation are discussed in the following sections. All metals results are presented in Appendix A, Table A-2.

3.3.1 Arsenic

Arsenic was detected in samples from 20 of 21 monitoring wells. Arsenic concentrations in samples from eight of the 20 wells were detected below the RDL; the reported concentrations were estimated by the laboratory. Arsenic was not detected in well W1a. Arsenic is not unexpected in Northwest groundwater since it is a naturally occurring component of certain types of soil and rock in the Pacific Northwest. Although arsenic contamination can also be caused by some of man's activities, such as industrial manufacturing, the arsenic detected in King County groundwater, including the SRV, is believed to be derived from natural leaching of arsenic from rocks and soil minerals (USGS Water Supply Paper 94-4082).

The EPA has determined that arsenic is a human carcinogen, that is, capable of causing cancer. The current arsenic drinking water MCL is 0.05 mg/l. The 0.05 mg/l MCL has been the drinking water limit for many years, but will change in 2006. Arsenic concentrations in two of the wells (W4d and W6) were consistently above the current MCL. The arsenic MCL will be lowered to 0.01 mg/l for public drinking water supplies in 2006. This report therefore uses the imminent 0.01 mg/l MCL for comparison with the 2003 – 2004 water quality data.

Arsenic was detected in all but one well in the SRV, well W1a. Five wells across all of the subareas had samples that exceed the 0.01 mg/l MCL. Two samples from well L2B in the Woodinville Subarea were just above the MCL. All four samples from well M1a in the Marymoor Subarea exceeded the MCL, ranging from 0.017 to 0.0341 mg/l. One sample from well W8 in the Sixty-Acres Subarea exceeded the MCL at 0.02 mg/l. Two additional wells in

the Sixty-Acres Subarea had exceedances over ten times the MCL: W4d (0.151 to 0.169 mg/l) and W6 (0.0572 to 0.142 mg/l).

A time-trend plot of arsenic concentrations in several wells representative of the three subareas is presented in Figure 6. Arsenic concentrations do not exhibit a consistent upward or downward trend with time in any of the wells, although four sampling events provide insufficient data to conclude that there is a trend. The data reveal that arsenic concentrations in the tested wells are generally below levels of concern.

3.3.2 Chromium

Washington State groundwater quality criteria list chromium as a primary water quality contaminant with an MCL of 0.05 mg/l. Chromium was detected above the RDL only in the Sixty-Acres Subarea wells. Chromium concentrations in samples from six of the 11 Sixty-Acres Subarea wells were above the RDL. The concentration of chromium in all of the samples was below the MCL.

3.3.3 Iron

Washington State groundwater quality criteria list iron as a secondary water quality contaminant, meaning it is regulated on the basis of aesthetic qualities rather than health risks. The MCL for iron is 0.3 mg/l. Wells across all subareas had samples that exceeded the MCL. At least one sample from each well in the Woodinville Subarea, except for well L1a, had an iron concentration exceeding the MCL. Iron concentrations in Woodinville Subarea samples ranged from 0.324 to 0.702 mg/l. There were two exceedances in the Marymoor Subarea, with the remaining samples being below MCLs, estimated, or undetected: one sample from well M4 had an iron concentration of 0.526 mg/l, and one sample from well M1a had an iron concentration of 0.306 mg/l. Samples from the Sixty-Acres Subarea had the highest percentage of samples exceeding the MCL and the highest iron concentrations. Samples from nine wells in the Sixty-Acres Subarea had iron concentrations exceeding the MCL with the highest concentration, 25.8 mg/l, at well W5. Five of the wells in the Sixty-Acres Subarea had iron concentrations more than 10 times higher than the highest iron concentrations measured in the other two subareas (Appendix A, Table A-3).

3.3.4 Lead

Like arsenic, lead is leached from rocks and minerals as groundwater moves through the subsurface. Unlike arsenic, the lead derived from leaching of rocks and minerals in King County is generally found at concentrations less than 0.005 mg/l in groundwater, well below the drinking water MCL (action level) of 0.015 mg/l.

Lead was detected in seven groundwater wells within the Marymoor and Sixty-Acres Subareas at concentrations below the MCL. Of these seven wells, five wells had lead detected in only one of the samples, and the concentration of lead exceeded the RDL in only one sample (0.00548 mg/l in well W2b). Lead was not detected in any well in the Woodinville Subarea.

3.3.5 Manganese

Washington State groundwater quality criteria list manganese as a secondary water quality contaminant, meaning it is regulated on the basis of aesthetic qualities rather than health risks. The MCL for manganese is 0.05 mg/l. As with iron, manganese is present in groundwater from natural leaching of rocks and minerals. Shallow groundwater in western Washington commonly has manganese and iron concentrations exceeding the MCLs. Twenty wells across all three subareas exceeded the MCL, with the exception of well M3. In the Woodinville area, concentrations ranged from 0.0454 to 0.765 mg/l. In the Marymoor Subarea, concentrations ranged from 0.0913 to 4.33 mg/l. The highest concentration was detected in well M2a. In the Sixty-Acres Subarea, concentrations ranged from 0.0502 to 1.55 mg/l.

3.3.6 Sodium

Sodium is commonly found in groundwater, and is derived from natural leaching of minerals in the subsurface. The EPA has established a guidance level of 20 mg/L for individuals that have low sodium diets. The sodium content of water is relatively unimportant for healthy persons because the intake of sodium from other food and drink is so much greater. Persons following a low sodium diet because of hypertension or kidney or cardiovascular disease, however, should be concerned with the elevated level of sodium.

All of the wells had detected sodium concentrations. The Woodinville Subarea did not have any concentrations above 20 mg/l. Six wells in the Sixty-Acres Subarea and the Marymoor Subarea had detections ranging from just above 20 mg/l to 74.7 mg/l on all dates sampled. All samples from well W8 exceed 70 mg/l. Wells with exceedances were: W8, W6, W4d, W1a, M1a, and M2a (Appendix A, Table A-3).

3.4 Organic Compounds

The Sammamish River groundwater monitoring program included a comprehensive list of organic chemical target analytes that are divided into four general groups, volatile organic compounds (VOC), semivolatile organic compounds (SVOC, also called base/neutral/acid extractable organic compounds), endocrine disruptor compounds (EDC), and organic-chlorinated herbicides (Appendix A, Tables A-4 through A-7). The organic analytes are listed on Table 2. Almost all of the organic chemicals being tested are manufactured by man and therefore do not naturally occur in groundwater. MCLs are listed on Table 2 for those compounds where an MCL has been assigned. In general, MCLs have been assigned for those organic analytes that have been commonly detected in groundwater impacted by industrial or agricultural activities in other areas of the country.

3.4.1 Volatile Organic Compounds

The only VOCs detected in groundwater during the 2003 – 2004 SRV study are methylbenzene and trichloroethene (TCE). Both compounds were detected in one well each (Appendix A, Table A-4). Methylbenzene was detected in one sample (the September 2003 sample from well W8) at 2.76 micrograms per liter (µg/l). TCE was detected on all four dates sampled in well

W1b. The concentration of TCE in this well ranged between 3.34 and 4.25 µg/l, which exceeds the Washington Groundwater Criterion (WAC 173-200-040) of 3 µg/l but is less than the MCL of 5 µg/l.

3.4.2 Semivolatile Organic Compounds

The only SVOCs found in groundwater during the 2003 – 2004 SRV study at concentrations exceeding the RDL are benzo(a)anthracene, benzoic acid, bis(2-ethylhexyl)phthalate, diethylphthalate, and phenol (Appendix A, Table A-5). Two other SVOCs, benzo(a)pyrene and benzo(b)fluoranthene, were detected at estimated concentrations below the reporting limit.

Benzo(a)anthracene was detected in one sample (well M1a) at a concentration of 0.028 µg/l and in one sample (well M1b) at an estimated concentration below the reporting limit. Benzoic acid was detected in one sample (well W8) at a concentration of 6.37 µg/l and in five samples at estimated concentrations below the reporting limit. Bis(2-ethylhexyl)phthalate (BEHP) was detected in two samples (well L1b at 5.36 µg/l and well W1a at 2.74 µg/l). BEHP was detected in many other samples at estimated concentrations below the reporting limit, but these data are of questionable validity as BEHP was also detected in quality assurance blank samples at concentrations exceeding the estimated detections. No measured BEHP concentrations exceed the MCL of 6.0 µg/l. Diethylphthalate was detected in one sample (well W4s) at 1.26 µg/l and in one sample (well M4) at an estimated concentration below the reporting limit. Phenol was detected in two samples (well M1a at 0.208 µg/l and well W1a at 0.425 µg/l). Phenol was also detected at lower concentrations in several other samples but the data are qualified due to phenol contamination in the quality assurance blank sample.

No MCLs were exceeded for any of the SVOCs. For two constituents, benzo(a)pyrene and pentachlorophenol, the RDLs exceeded the MCLs in at least some of the samples. In 24 samples, the RDL for benzo(a)pyrene exceeded the MCL (0.0002 mg/l or 0.2 µg/l). Benzo(a)pyrene was detected in one sample (at an estimated concentration of 0.057 µg/l); the highest RDL for benzo(a)pyrene was 0.381 µg/l. Pentachlorophenol was not detected in any sample, but the RDL in all 92 samples exceeded the MCL (0.001 mg/l or 1 µg/l). The RDL for pentachlorophenol in the samples was approximately 9.5 µg/l.

3.4.3 Endocrine Disruptor Compounds

Three of the 10 EDCs, 4-nonylphenol, bis(2-ethylhexyl)adipate, and bisphenol A, were detected in groundwater samples (Appendix A, Table A-6). Some of the data for all three of these constituents were qualified due to blank contamination. 4-nonylphenol was found at concentrations exceeding the RDL in 5 wells in the Marymoor Park and Sixty-Acres Subareas. Bis(2-ethylhexyl)adipate was detected in one sample (well W8) at a concentration of 0.548 µg/l. Bisphenol A was detected in three samples (well M3 at 0.21 µg/l and twice in well W6 at concentrations of 0.305 and 0.214 µg/l).

The MCL for bis(2-ethylhexyl)adipate, 0.4 mg/l, or 400 µg/l, was not exceeded in any sample.

3.4.4 Pesticides and PCBs

Only one of the 34 pesticides and PCBs included in the groundwater study was detected in any of the samples (Appendix A, Table A-7). Dieldrin was detected in 5 wells (M1b, M2a, M2b, M3, and M4) all within Marymoor Park Subarea. Dieldrin was detected in 23 samples. The concentration of dieldrin in samples ranged between 0.00791-0.062 µg/l, which exceed Washington State's groundwater quality criterion of 0.005 µg/l. The detection limit for dieldrin in all samples exceeds the Washington groundwater quality criterion. There is no MCL established for dieldrin.

4.0. WATER QUANTITY RESULTS

Submersible pressure transducers were used to record water level measurements at 15-minute intervals from the 21 groundwater monitoring wells. The groundwater levels were converted to National Geodetic Vertical Datum (NGVD). This common elevation datum allows for comparison between the different locations. Graphs of the daily average groundwater elevations for each monitoring location, plotted with precipitation data are in Appendix B. Shallow groundwater flow typically follows surface topography in the SRV, with flow toward the Sammamish River and its tributaries.

Four surface water gage locations (Bear Creek, Little Bear Creek, Evans Creek, and Sammamish River) within this study area are maintained as part of the King County gaging network. The data are recorded at 15-minute intervals as stage height (feet). The surface water levels could not be converted to NGVD because the elevation of the staff plate was unavailable. The surface water level data plotted in Appendix B can be converted to elevation (NGVD) values in the future if the elevations of the staff plates are surveyed.

This study included 21 monitoring wells installed by DNRP in three SRV subareas (Marymoor Park, Sixty-Acres, and Woodinville). Ten of the monitoring wells were installed in pairs (a shallow and deeper monitoring well next to each other) to evaluate both horizontal and vertical flow components. The paired wells are M1a/M1b in Marymoor Park, W1a/W1b and W4d/W4s in Sixty-Acres, and L1a/L1b and L2a/L2b in Woodinville.

4.1 Seasonal Trends

The trend plots in Appendix B show that water levels in groundwater and surface water are typically higher in the winter season (October through March) and lower in the summer season (June through September). This is due to increased precipitation and lower evapotranspiration in the winter resulting in higher recharge to the groundwater and surface water.

4.2 Groundwater/Surface Water Relationship

The Sammamish River flows north from the outlet of Lake Sammamish to Lake Washington. In 2001, the Washington Department of Ecology conducted a groundwater/surface water study in the Sammamish River (Carey 2003). During the study, piezometers were installed at nine locations in the Sammamish River. The water level elevations in the piezometers were compared to surface water elevations in the Sammamish River and vertical hydraulic gradients were calculated. The study concluded that groundwater discharges to the Sammamish River in eight of the nine study locations. At one location, just north of the Marymoor Subarea, surface water appeared to be a source of recharge to the groundwater.

The surface water level monitoring stations in the tributaries (Evans Creek, Bear Creek, and Little Bear Creek) are too remote from the monitoring wells to support a comparison of

groundwater and surface water levels. The results of the surface water level monitoring do, however, demonstrate the response of the water levels in the Sammamish River and the three tributaries to precipitation. The water level in the Sammamish River also exhibits a seasonal trend, with higher levels in the winter (reflecting greater precipitation) and lower levels in the summer.

5.0. DISCUSSION

5.1 Marymoor Park Subarea

The Marymoor Park Subarea is located near the source of the Sammamish River, at the north end of Lake Sammamish (Figure 1). The DNRP groundwater study included six wells in this subarea (Figure 2). The results of the investigation are discussed in the following sections.

5.1.1 Water Quality

Water quality in the Marymoor Park Subarea has been somewhat impacted by both natural conditions and human activity. A summary of the chemical data for this subarea is presented in Table 3. Concentrations of arsenic (M1a), iron (M1a and M4), sodium (M1a and M2a), and manganese (all of the wells except M3) exceeded the MCL in at least one sample from the wells indicated parenthetically. These metals are naturally occurring in minerals and their presence in the groundwater is not necessarily an indication of industrial, residential, or agricultural contamination. The presence of the insecticide dieldrin in wells M1b, M2a, M2b, M3 and M4, however, does indicate that the shallow groundwater has been affected by residential or agricultural sources. The only well in this subarea where dieldrin was not detected is the deepest well, M1a. Dieldrin was not found in any wells from the other two subareas investigated in this study. The highest total coliform counts, the highest *E. coli* counts, and the only fecal coliform detection in any of the 21 wells included in the study were all found in well M1a. These detections are believed to be the result of surface activity that caused downhole contamination. Several polynuclear aromatic hydrocarbons, components of petroleum, were found at concentrations below the RDL in wells M1a and M1b, and two of the EDCs (4-nonylphenol and bisphenol A) were found in the Marymoor Park wells although generally at concentrations below the RDL.

5.1.2 Water Quantity

Six monitoring wells were installed in the Marymoor Subarea (M1a, M1b, M2a, M2b, M3, and M4). The locations of the wells are shown on Figure 2. Monitoring wells M1a and M1b are a paired set of wells. M1a is approximately 72 feet deep and M1b is approximately 35 feet deep. M2a and M2b are both approximately 35 feet deep. This pair of wells was installed to perform a pumping test to assess water flow in the shallow unit.

5.1.2.1 Groundwater Flow

In general, groundwater flows to the southwest in the Marymoor Subarea, toward the Sammamish River. The water level in well M4 is generally slightly higher than the level in M3, and the water levels in both of these wells are normally higher than the levels in wells M1b and M2b, particularly during the winter when the difference is approximately 1 foot or more (Figure 12). The groundwater gradient between Well M4 and M1b averaged approximately 0.00045 ft/ft during the study period.

5.1.2.2 Vertical Gradients

Monitoring wells M1a and M1b are a paired set of wells. M1a is approximately 72 feet deep and M1b is approximately 35 feet deep. Figure 7 shows the water level elevations for M1a and M1b. From January 2003 through June 2003, water levels in M1b (the shallow well) are slightly higher than in M1a (the deeper well), demonstrating that groundwater flows downward in the aquifer. This relationship is a downward vertical gradient. This is reversed from June 2003 through September 2003 (upward vertical gradient). There is a data gap for M1a from September 2003 through August 2004 due to a lost transducer and therefore a gradient cannot be determined. An upward vertical gradient was also observed from August 2004 through late December 2004 and then a downward vertical gradient again in late December. In general, the trends are showing that during the rainy season, there is a downward vertical gradient, suggesting that groundwater is being recharged by infiltration of precipitation. In the drier parts of the year, deeper groundwater is recharging the shallow groundwater and may also discharge to surface water. Seasonal vertical gradient changes were also observed in this area during a groundwater study in 2001 using piezometers installed in the Sammamish River and surface water measurements (Carey 2003). During the four-month observation, an upward vertical gradient was observed in August, September and October 2001 and a slight downward vertical gradient was observed in November 2001.

5.1.2.3 Precipitation

All wells in the Marymoor Subarea with the exception of M1a show rapid response to precipitation. This shows that the precipitation in the Marymoor Subarea infiltrates and recharges the groundwater.

5.2 Sixty-Acres Subarea

The Sixty-Acres Subarea is located approximately midway between Lake Sammamish and Lake Washington on the Sammamish River (Figure 1). The groundwater study included 11 wells in this subarea (Figure 3). The results of the investigation are discussed in the following sections.

5.2.1 Water Quality

Water quality in the Sixty-Acres Subarea is impacted by both natural conditions and human activity. A summary of the chemical data for this subarea is presented in Table 4. Concentrations of arsenic, iron, sodium, and manganese exceeded the MCL in many of the samples. Arsenic and sodium concentrations exceeded the MCL in wells W4d, W6, and W8. Manganese concentrations exceeded the MCL in nearly every sample from every well, and iron concentrations exceeded the MCL in every well except for well W4d. These metals are naturally occurring in minerals and their presence in the groundwater is not necessarily an indication of industrial, residential, or agricultural contamination.

The May 2003 sample from well W7a is the only sample in any of the three subareas with a concentration of nitrate that exceeded the MCL (10 mg/l). The concentrations of nitrate in subsequent samples from well W7a were all lower than the MCL.

The only detections of VOCs in any of the 21 wells included in the study were in two wells in the Sixty-Acres Subarea. TCE was found in all four samples collected from well W1b. While the concentration of TCE in all of the samples is below the MCL (5 µg/l), the concentration in all four samples is above the Washington groundwater criterion (3 µg/l) and indicates the presence of a source of contamination near the well. TCE was not detected in any other well, including the deep well (W1a) paired with well W1b. Methylbenzene is the only other VOC detected during the investigation; it was found in one sample from well W8. There is no MCL or Washington groundwater criterion for methylbenzene.

Two EDCs, 4-nonylphenol and bisphenol A were found in well W6. 4-Nonylphenol and bis(2-ethylhexyl)adipate were also found in well W8. The other EDC concentrations in the Sixty-Acres Subarea are all qualified as below the RDL or because of contamination in the blank sample.

5.2.2 Water Quantity

5.2.2.1 Groundwater Flow

Eleven monitoring wells were installed in the Sixty-Acres Subarea (W1a, W1b, W2a, W2b, W4d, W4s, -W5, W6s, W7a, W7b, and W8d). The locations of the wells are shown on Figure 3. The shallow groundwater table roughly parallels the surface topography, and groundwater flows to the Sammamish River. Groundwater elevations are generally 2.5 – 4 feet lower in wells close to the Sammamish River (W4s and W5) compared with wells set back from the river (W1b and W6) (Figures 13 and 14). The shallow groundwater gradient between wells W6s and W5 and W1b and W4s averaged 0.002 ft/ft during the study period. These elevation differences are consistent with groundwater flow to the Sammamish River. A similar comparison of water levels in the deeper wells is not possible because well W1a is screened below a confining unit, and the confining unit is not present above the well screen at well W4d.

5.2.2.2 Vertical Gradients

Monitoring wells W1a and W1b, and W4s and W4d are paired sets of wells. W1a is approximately 62 feet deep and W1b is approximately 30 feet deep. Figure 8 shows the water level elevations for W1a and W1b. W1a is an artesian well; groundwater elevations measured in W1a are typically 2 to 10 feet above the ground surface and 10 to 15 feet higher than water levels in W1b, indicating a strong upward gradient. This is likely due to a confining silt layer at 29 to 46 feet below ground surface.

W4d is approximately 50 feet deep and W4s is approximately 30 feet deep. Figure 9 shows the water level elevations for W4s and W4d. The groundwater elevation in W4d is typically 0.4 to 1.2 feet higher than W4s, indicating an upward gradient. The upward vertical gradients at well pairs W1a and W1b and W4s and W4d indicate that these wells are located in groundwater discharge areas.

Monitoring wells W2a and W2b are both approximately 33 feet deep. This pair of wells was installed to perform a pumping test to assess water flow in the shallow unit.

5.2.2.3 Precipitation

With the exception of deeper monitoring wells W1a and W8d, the wells in the Sixty-Acres Subarea show rapid response to precipitation. There does not appear to be a clear response to precipitation in W1a and W8d due to the presence of a silt layer at each location that restricts infiltration of precipitation below the silt.

5.3 Woodinville Subarea

The Woodinville Subarea is located approximately two-thirds of the way between Lake Sammamish and Lake Washington on the Sammamish River, northwest of the Sixty-Acres Subarea (Figure 1). The groundwater study included four wells in this subarea (Figure 4). The results of the investigation are discussed in the following sections.

5.3.1 Water Quality

Groundwater quality in the Woodinville Subarea appears to be less impacted by man's activities than in the other two subareas. A summary of the chemical data for this subarea is presented in Table 5. The only constituents found at concentrations exceeding MCLs are arsenic (in all of the samples from well L2b), iron (in all of the samples from well L2b and three samples from wells L1b and L2a), and manganese (in all of the wells and in all but two of the samples from well L1a). As explained previously, these metals occur naturally in minerals and their presence in the groundwater is not necessarily an indication of anthropogenic contamination.

5.3.2 Water Quantity

5.3.2.1 Groundwater Flow

Four monitoring wells were installed in the Woodinville Subarea (L1a, L1b, L2a and L2b). Consistent with the other subareas, groundwater flows toward the Sammamish River.

5.3.2.2 Vertical Gradients

Monitoring wells L1a and L1b, and L2a and L2b are paired sets of wells.

L1a is approximately 60 feet deep and L1b is approximately 20 feet deep. Figure 10 shows the water level elevations for L1a and L1b. From July 2003 through January 2004, water levels in L1b (the shallow well) are slightly lower than in L1a (the deeper well), demonstrating a downward vertical gradient. This is reversed from February 2004 through August 2004 (upward vertical gradient). A downward vertical gradient was also observed from August 2004 through October 2004 and then a fairly flat gradient from October through December 2004. Similar to the Marymoor Park Subarea, the changes in vertical gradient are likely caused by seasonal recharge by infiltrating rainfall.

L2a is approximately 20 feet deep and L2b is approximately 60 feet deep. Figure 11 shows the water level elevations for L2a and L2b. The groundwater elevation in L2b is typically 1.0 to 1.2

feet higher than L2a, indicating a consistent upward gradient. This vertical gradient indicates that these wells are located in a groundwater discharge area.

5.3.2.3 Precipitation

Groundwater level fluctuations in the Woodinville Subarea show rapid response to precipitation. Rapid recharge of shallow groundwater by incident precipitation is normal for Western Washington and is consistent with the other two SRV subareas.

6.0. REFERENCES

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King County, 2003. Sampling and Analysis Plan for Groundwater Monitoring within the Sammamish River Valley. King County Department of Natural Resources and Parks, Seattle, Washington.

King County, 2004. "Sammamish River Groundwater Study, King County, Washington." HWA Job No. 2002-067. Prepared by HWA Geosciences Inc. February 13, 2004.

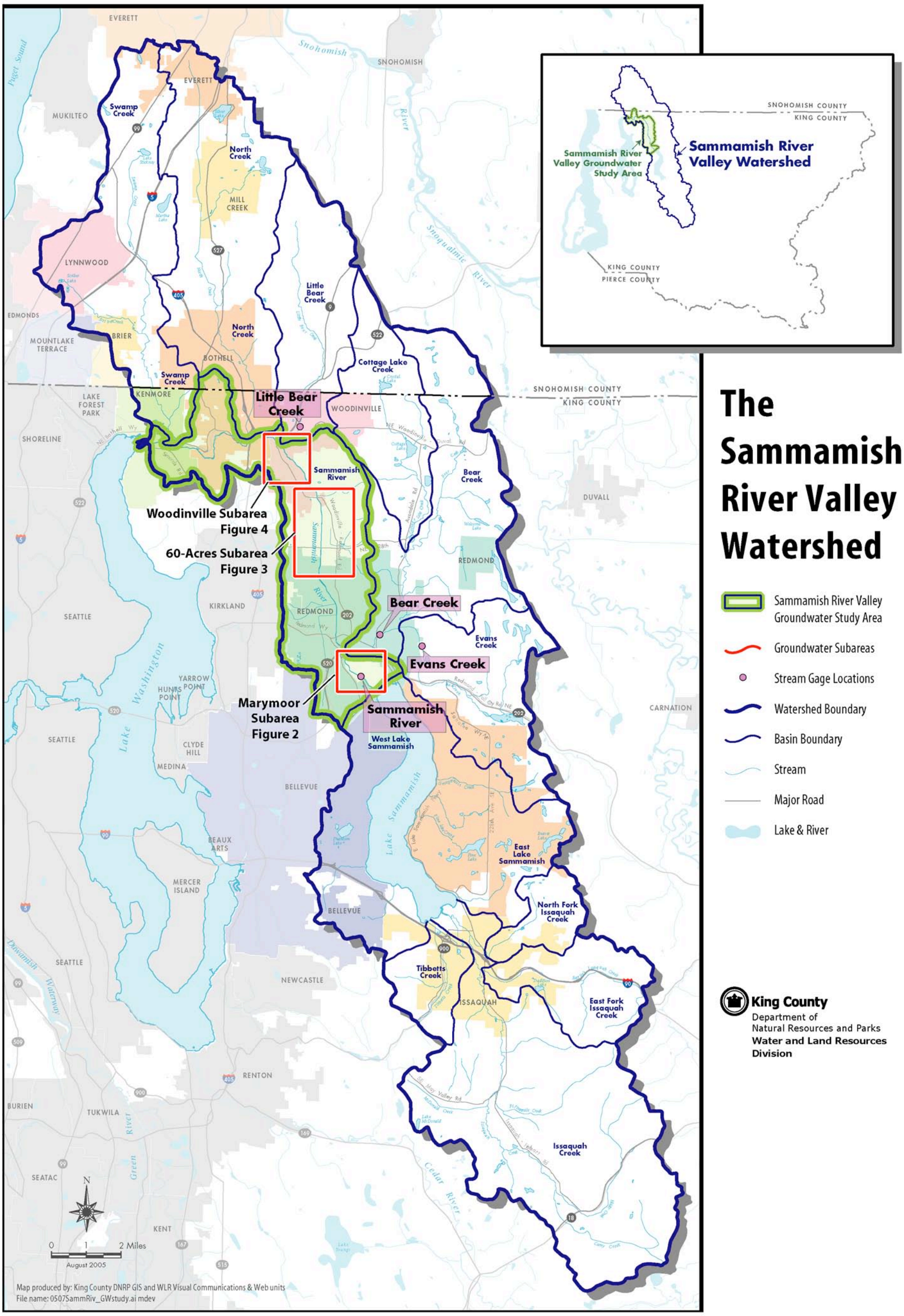
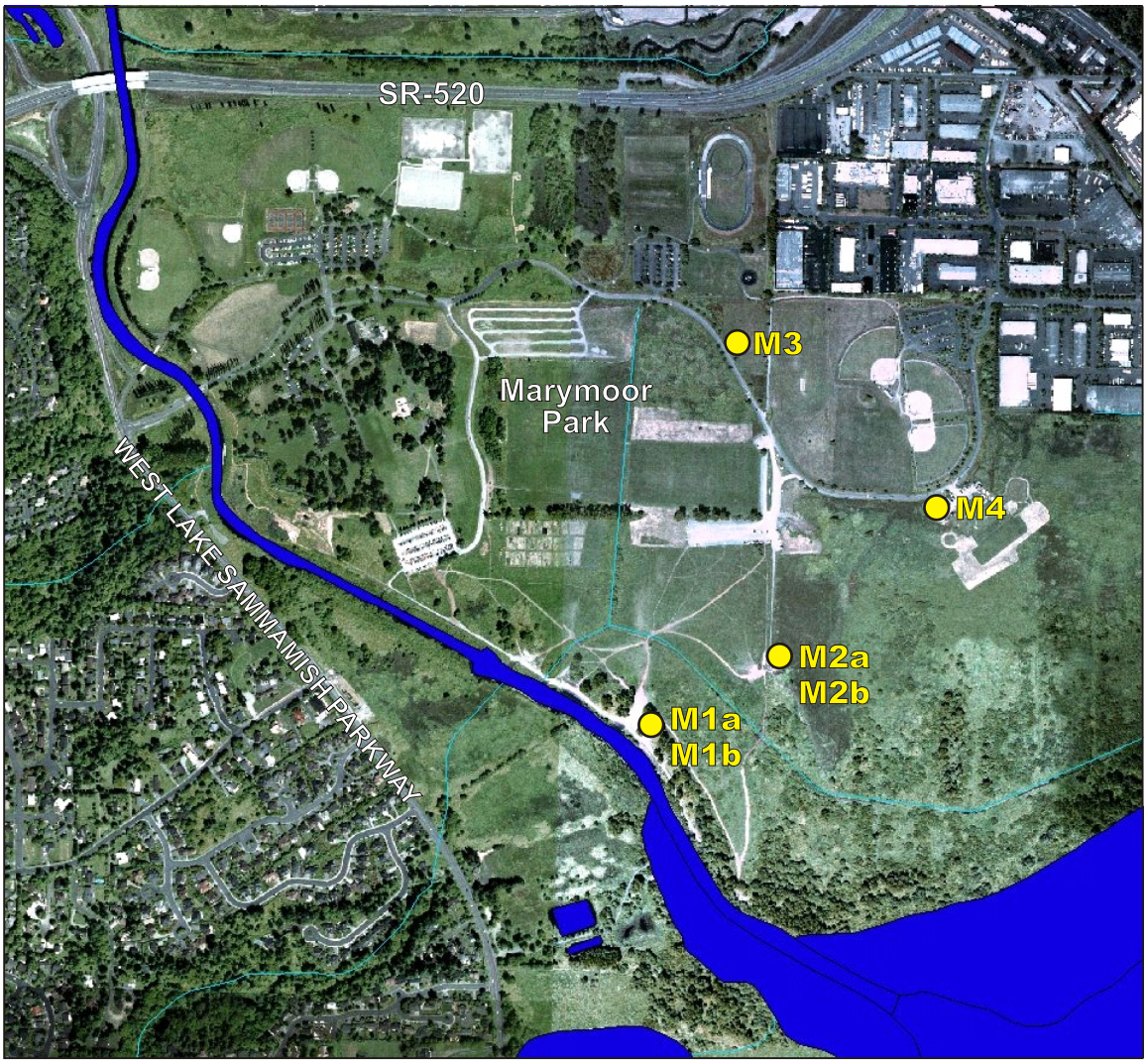


Figure 1.
Sammamish River Valley Watershed



M3 Groundwater Well Location and Number

Not to Scale

06-16-05 cvd K:\Jobs\030067-KC_Strategic_Watershed\03006701\SRV FIG 2-3-4.cdr

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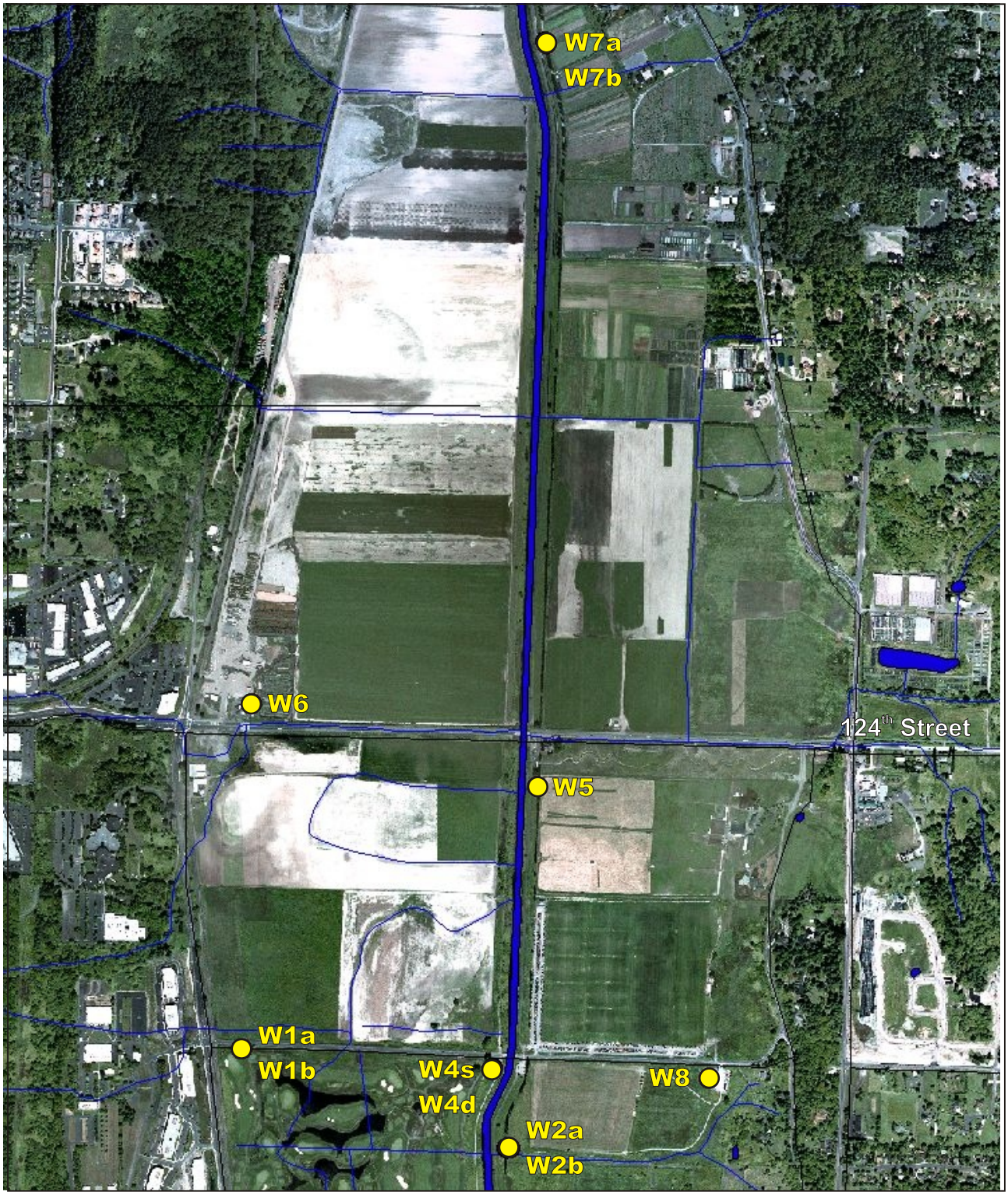
Figure 2
Well Locations: Marymoor Park Subarea
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



W8 Groundwater Well Location and Number

Not to Scale

09-21-05 ejs K:\Jobs\030067-KC_Strategic_Watershed\03006701\SRV FIG 2-3-4.cdr

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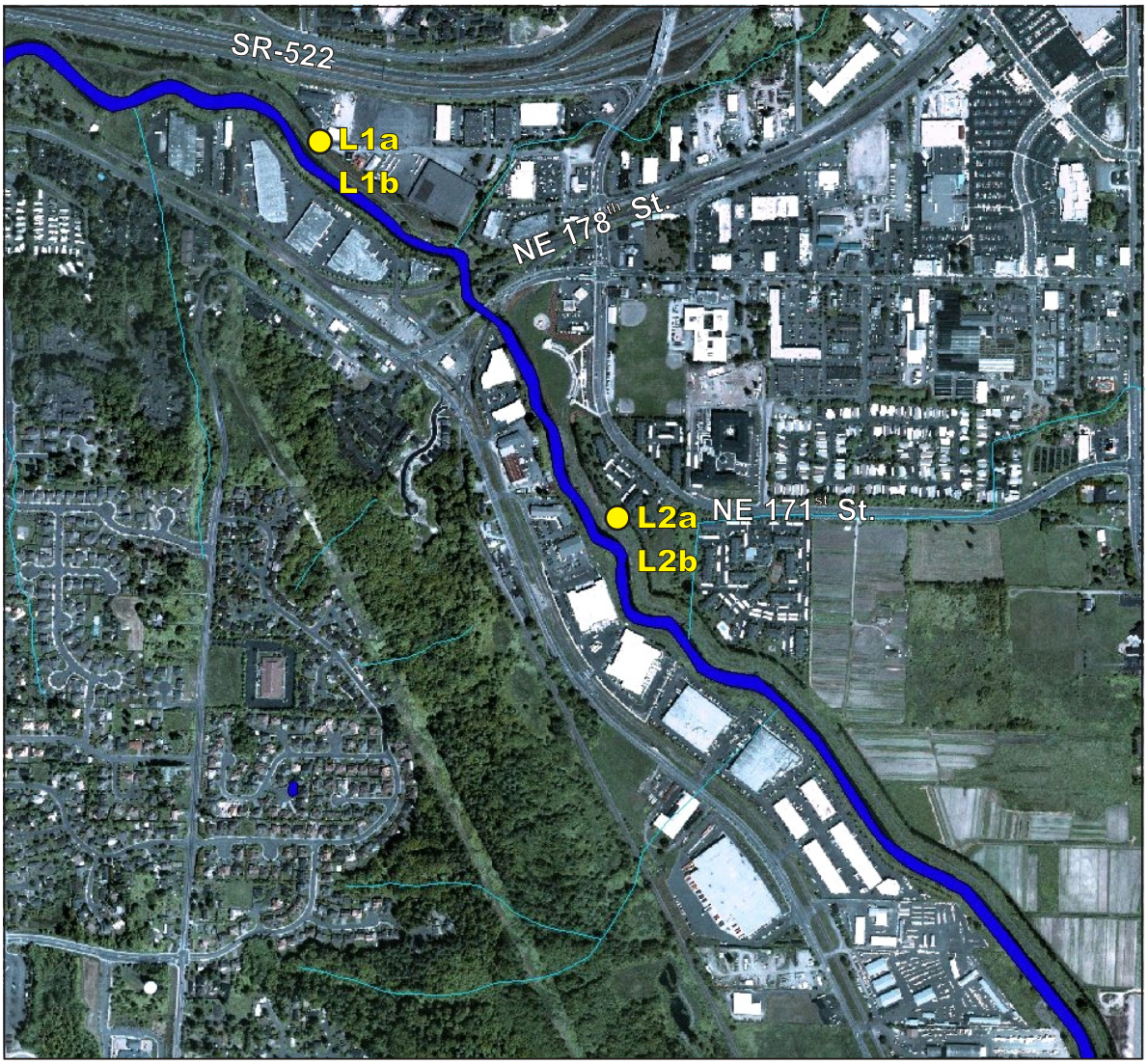
Figure 3
Well Locations: Sixty-Acres Subarea
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



L2a Groundwater Well Location and Number

Not to Scale

09-21-05 ejs K:\Jobs\030067-KC_Strategic_Watershed\03006701\SRV FIG 2-3-4.cdr

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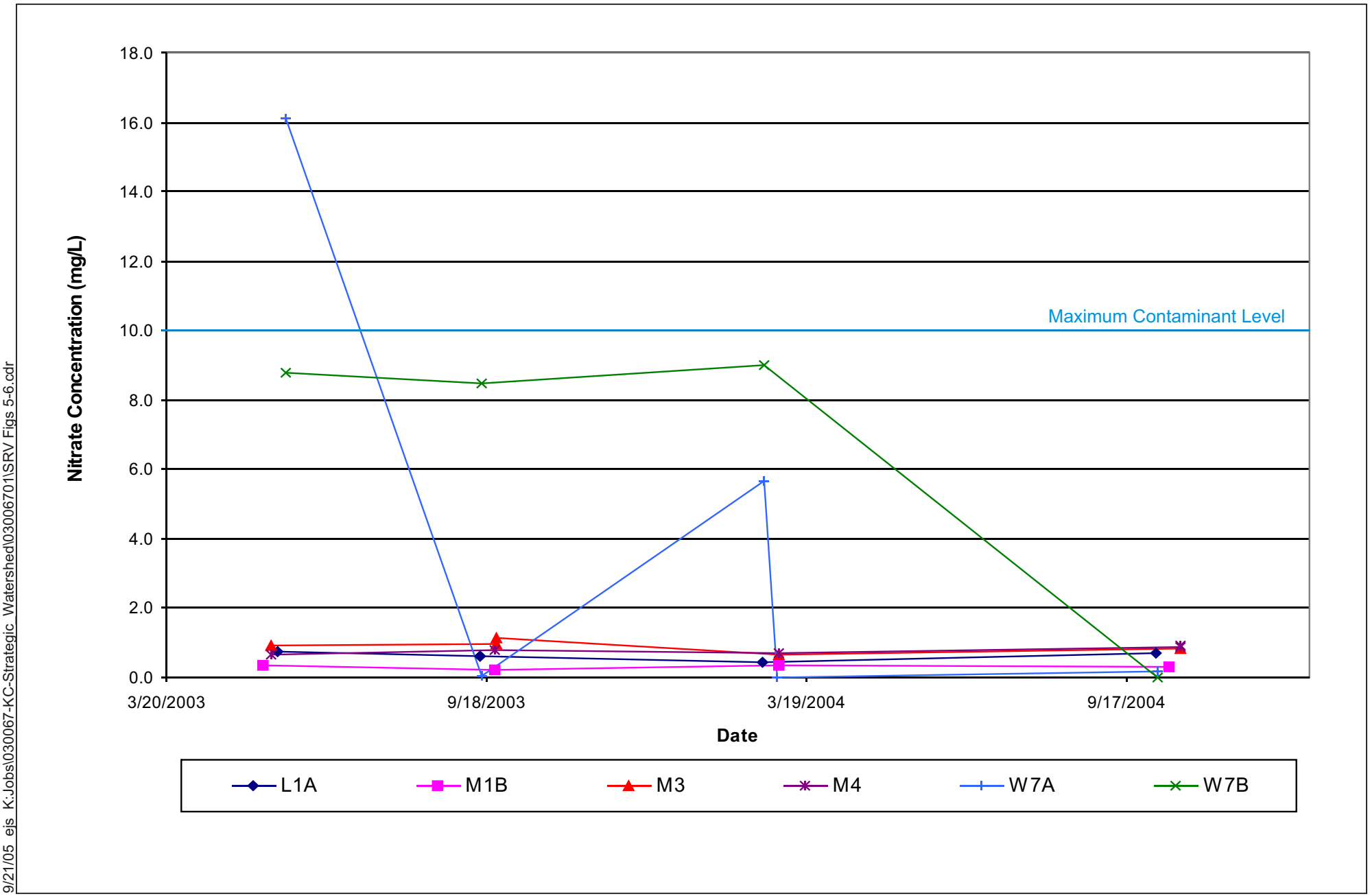
Figure 4
Well Locations: Woodinville Subarea
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



9/21/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 5-6.cdr

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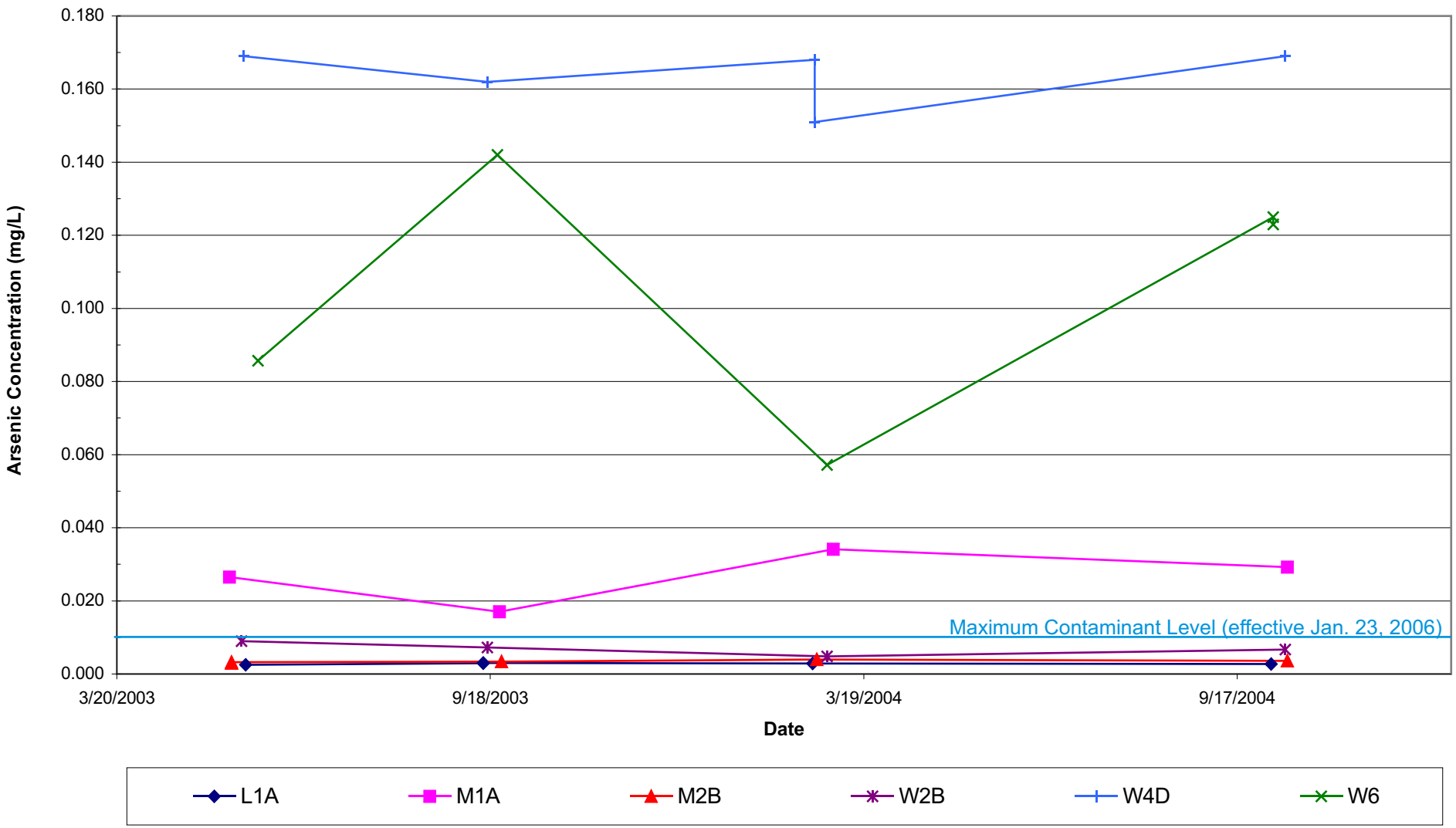
Figure 5
Nitrate Concentrations in Selected Wells
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



9/21/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 5-6.cdr

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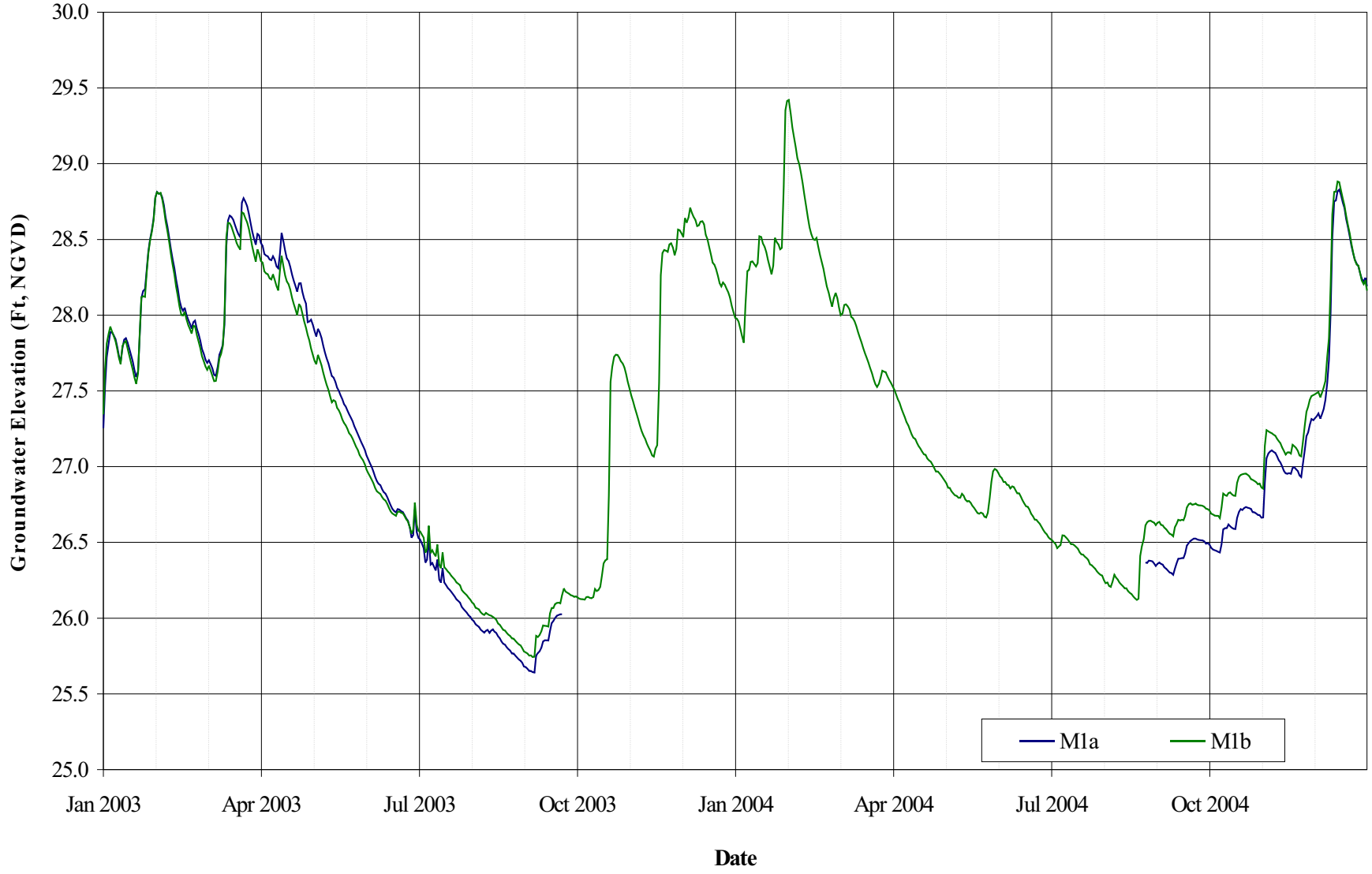
Figure 6
Arsenic Concentrations in Selected Wells
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



Note data gap in M1a hydrograph--refer to Appendix B.

9/28/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 7 thru 11.cdr

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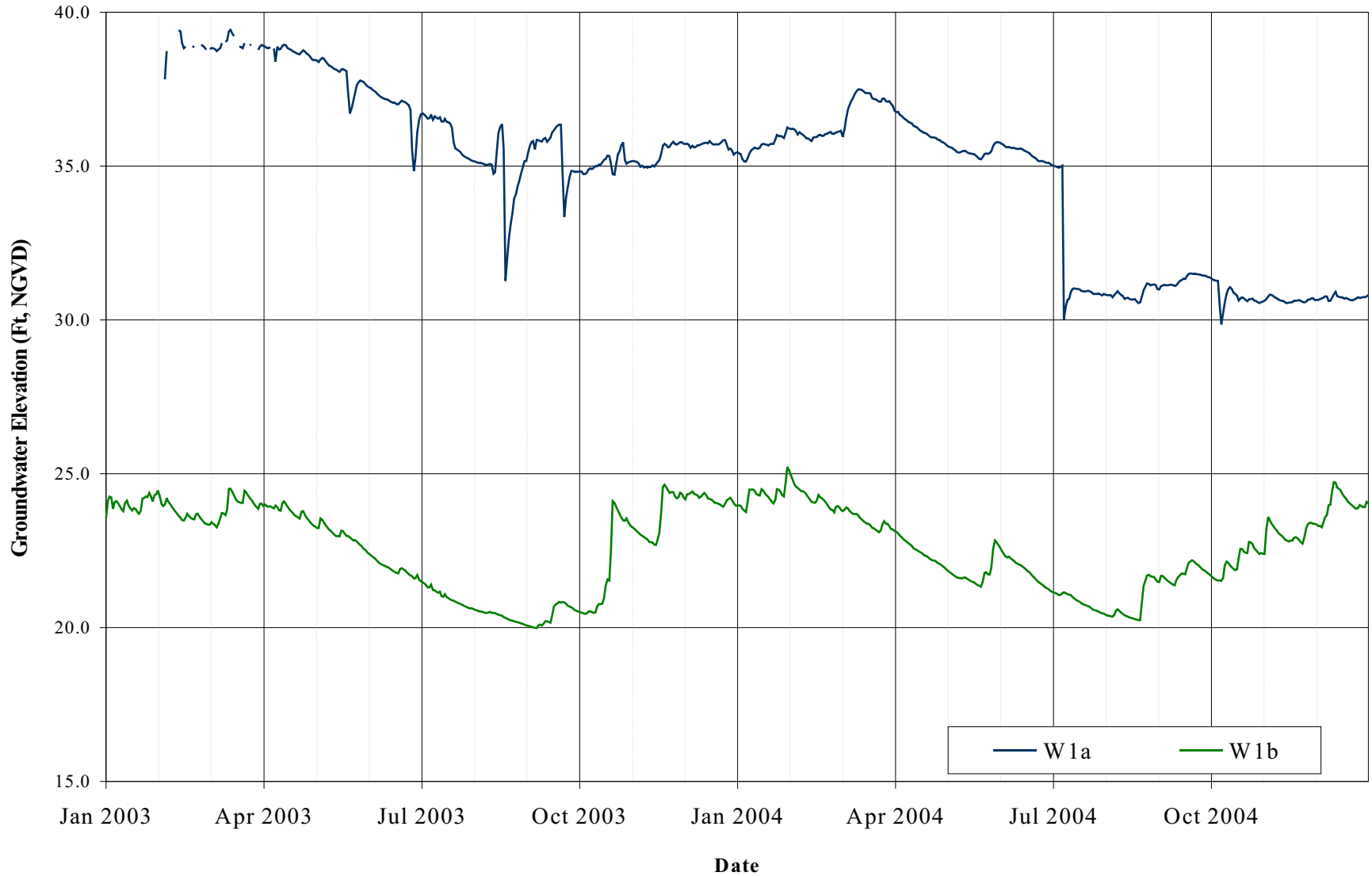
Figure 7
Hydrographs: Wells M1a and M1b
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



Note adjustment to W1a hydrograph in July 2004--refer to Appendix B.

9/28/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 7 thru 11.cdr

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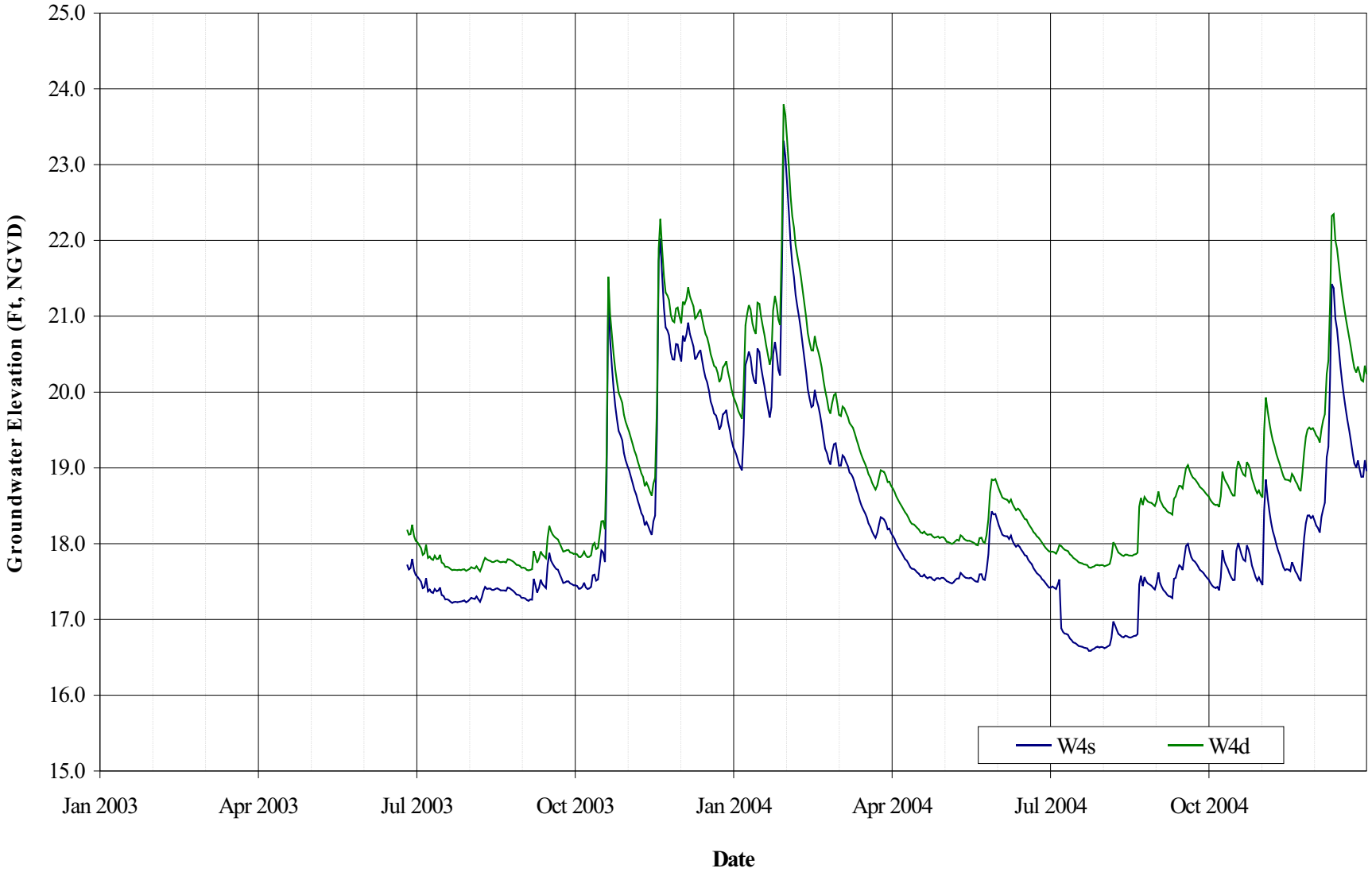
Figure 8
Hydrographs: Wells W1a and W1b
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



9/28/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 7 thru 11.cdr

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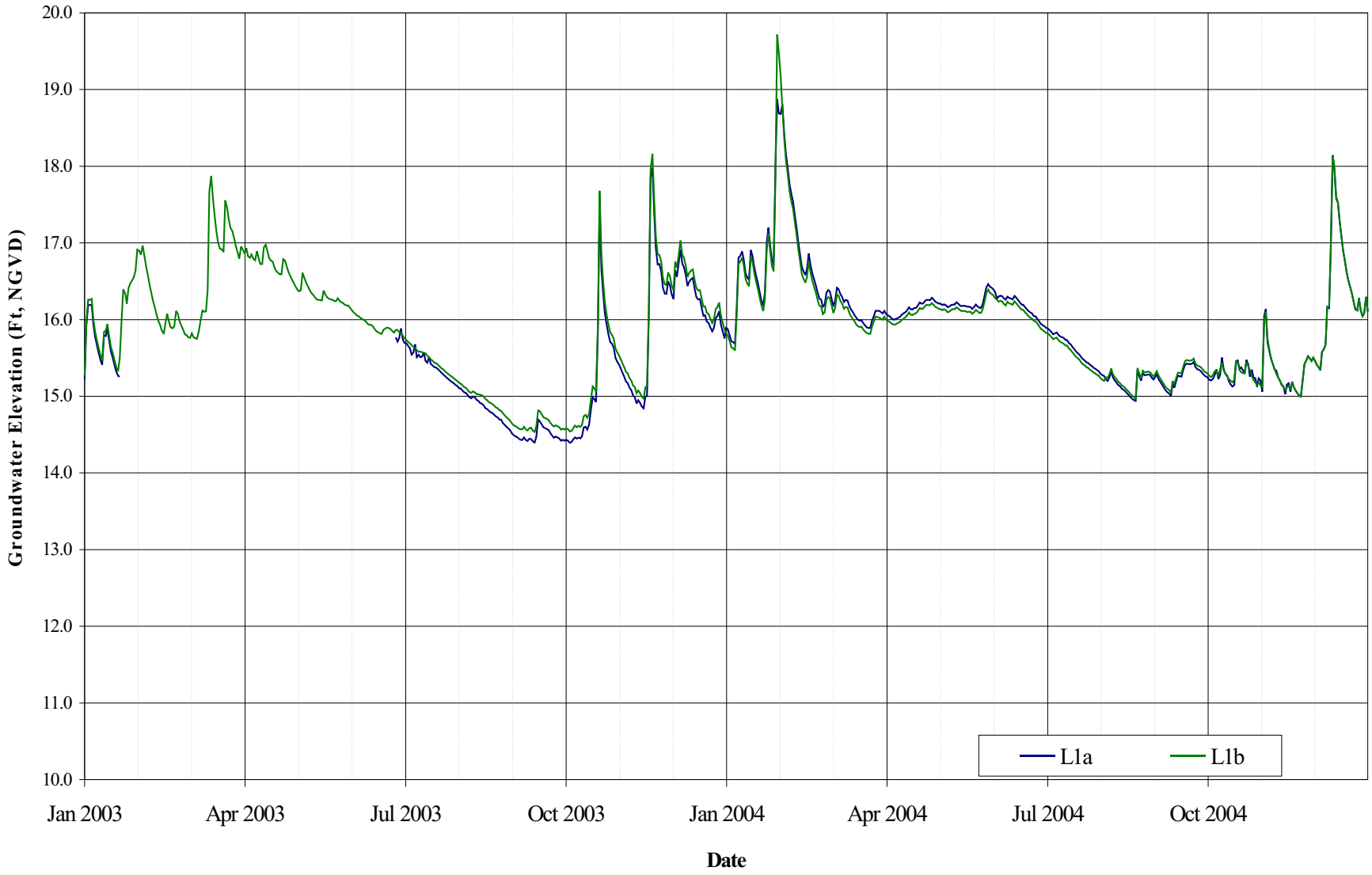
Figure 9
Hydrographs: Wells W4a and W4b
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



Note data gap in L1a hydrograph--refer to Appendix B.

9/28/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 7 thru 11.cdr

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Figure 10
Hydrographs: Wells L1a and L1b
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

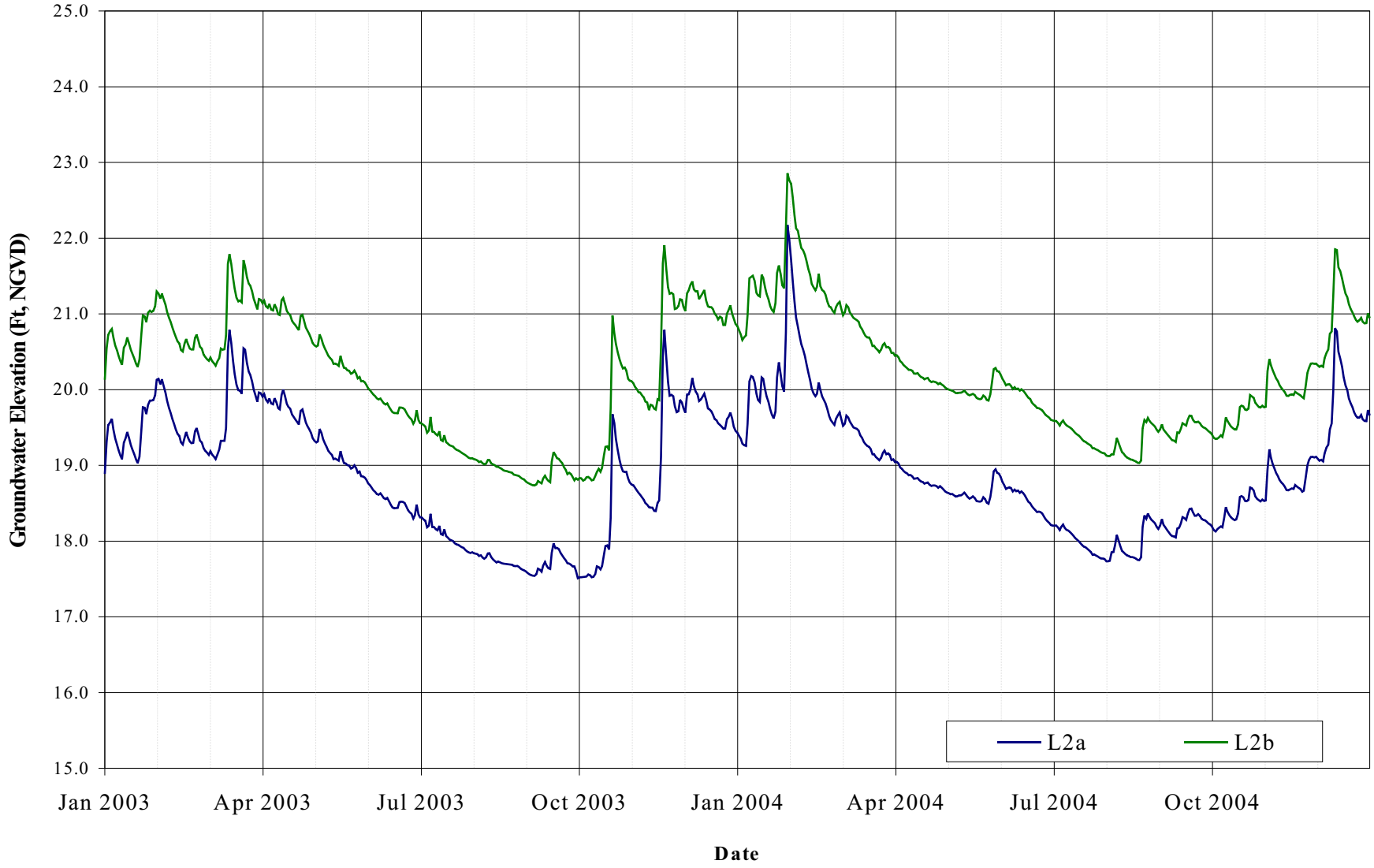

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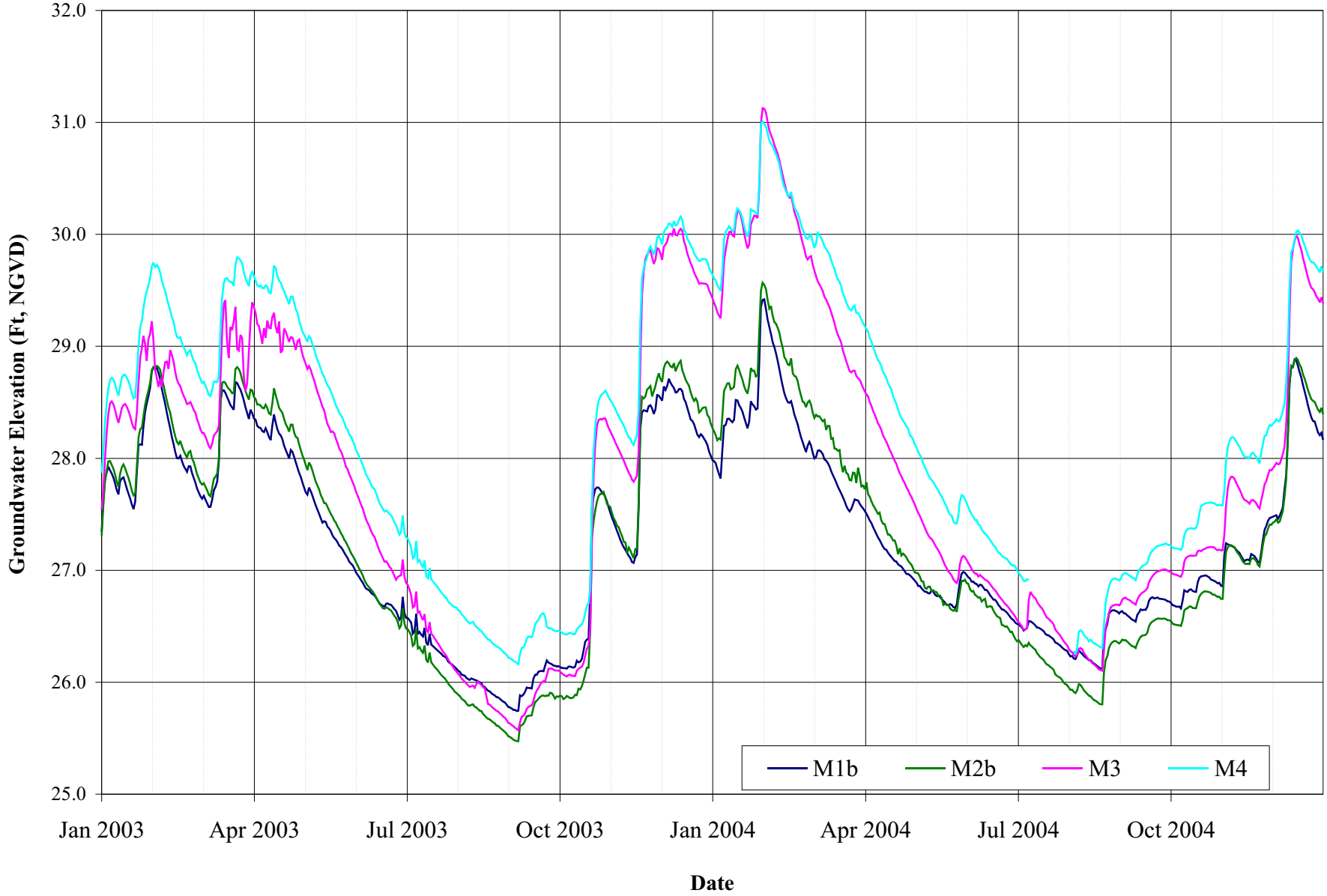
Figure 11
Hydrographs: Wells L2a and L2b
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



9/28/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 12-13-14.cdr

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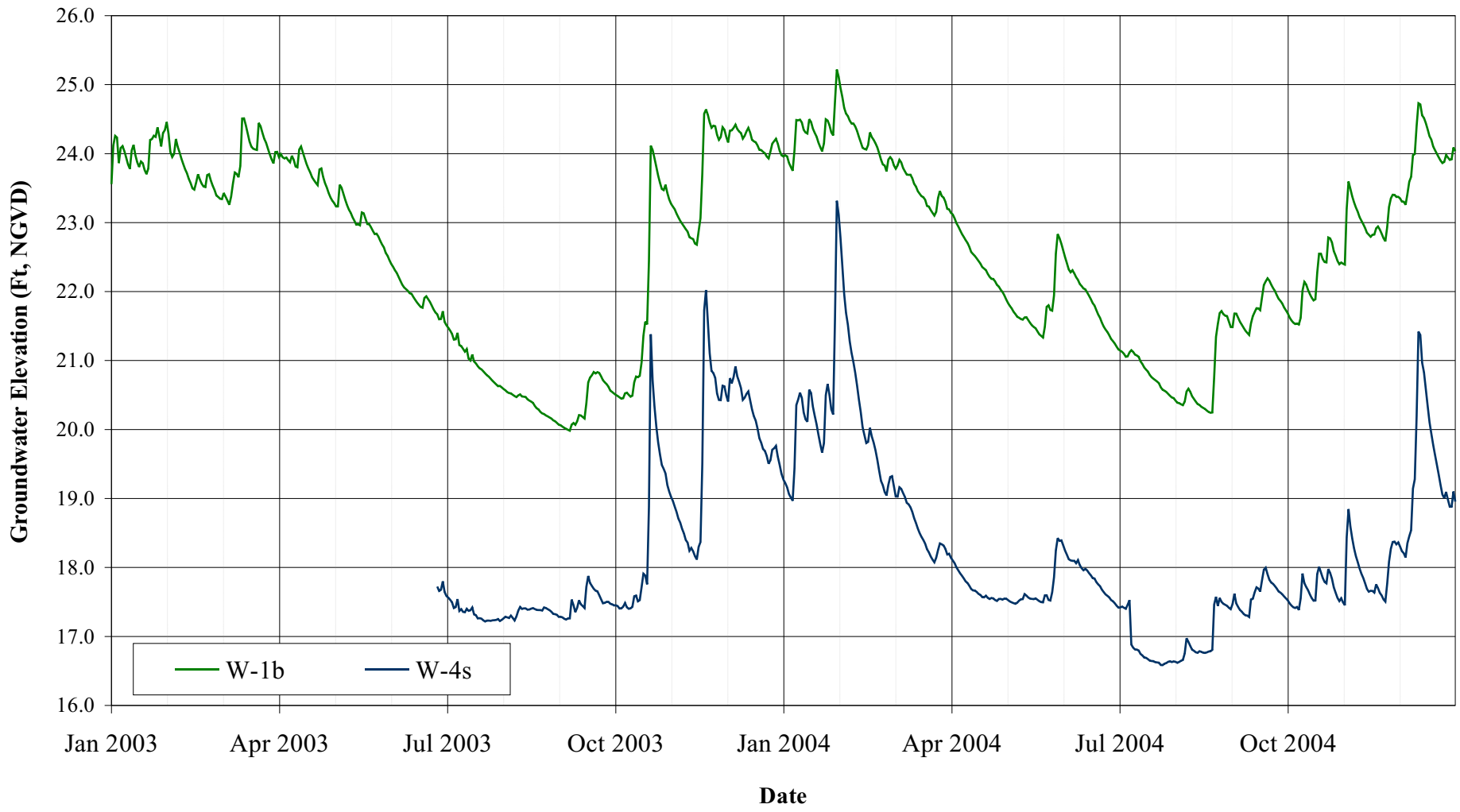
Figure 12
Hydrographs: Wells M1a, M1b, M3, and M4
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



9/21/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 7 thru 15.cdr

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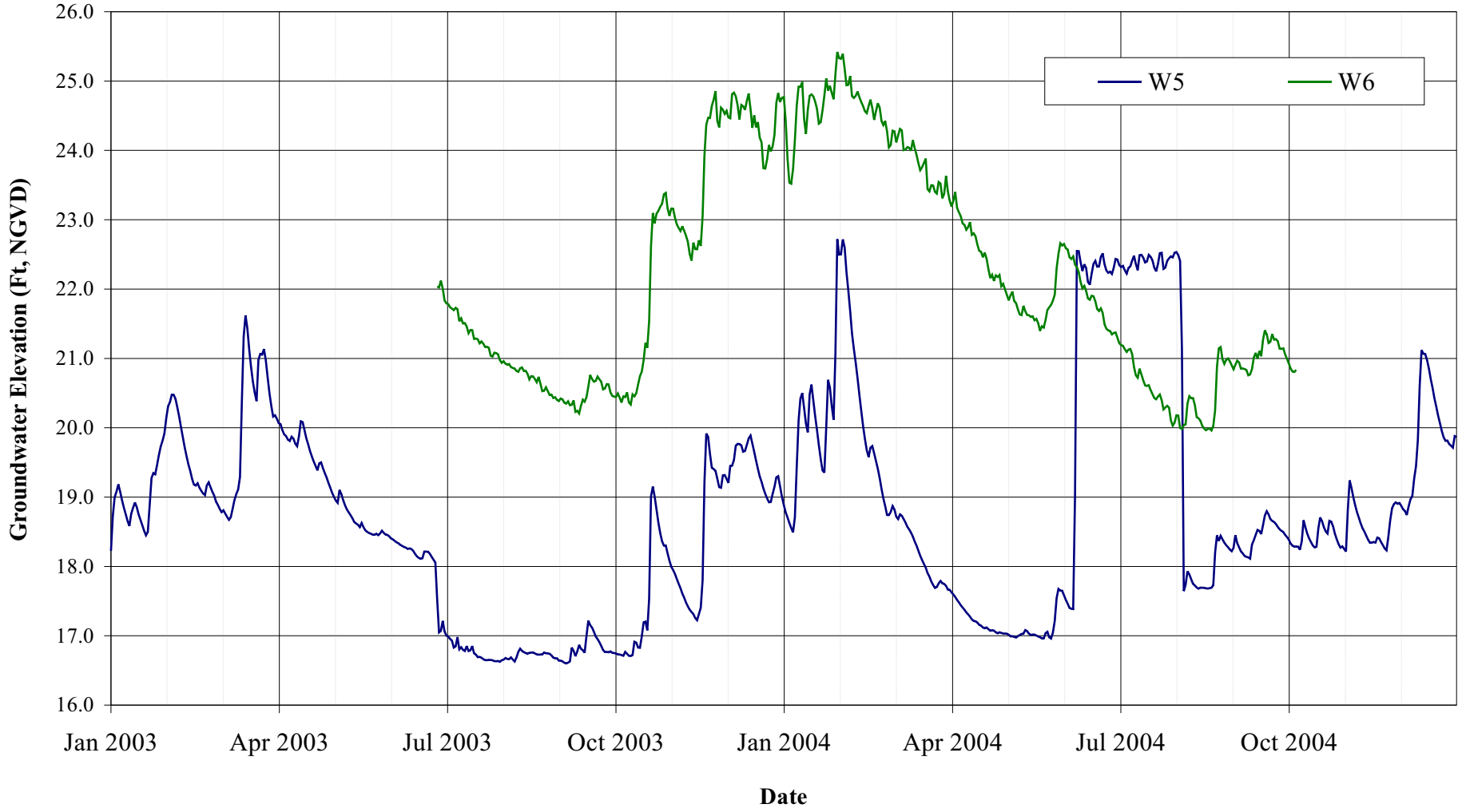
Figure 13
Hydrographs: Wells W-1b and W-4s
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report



7/5/05 ejs K:Jobs\030067-KC-Strategic_Watershed\03006701\SRV Figs 7 thru 15.cdr

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Figure 14
Hydrographs: Wells W-5 and W-6
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Appendix A

Water Quality Data 2003 – 2004

Table A-1
Analytical Results -- Microbiological Parameters
Sammamish River Valley Groundwater Study
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Sample ID	Sample Date	COLIFORMS, FECAL CFU/100ml	COLIFORMS, TOTAL CFU/100ml	Coliphage Male Famp PFU/100ml	Coliphage Somatic PFU/100ml	Cryptosporidium L	Escherichia coli CFU/100ml	Giardia L	Heterotrophic Plate Count CFU/100ml	Virus, enteric PFU/L
L1A										
WSAMM_L1A030522N	5/22/2003	0	59	0 U	0 U	0.09 U	0	0.09 U	32,000	1 U
WSAMM_L1A030915FR	9/15/2003	0	3	0	0	--	0	--	--	--
WSAMM_L1A030915N	9/15/2003	0	0	0	0	--	0	--	--	--
WSAMM_L1A040223N	2/23/2004	0 U	1	1 U	1 U	--	0 U	--	28,000	--
WSAMM_L1A041004N	10/4/2004	0 U	0 U	1 U	1 U	--	0 U	--	1,600	--
L1B										
WSAMM_L1B030522N	5/22/2003	0	8	0 U	0 U	0.09 U	0	0.09 U	1,900	--
WSAMM_L1B030915N	9/15/2003	0	0	0	0	--	0	--	--	--
WSAMM_L1B040223N	2/23/2004	0 U	0 U	1 U	1 U	--	0 U	--	4,500	--
WSAMM_L1B041004FR	10/4/2004	0 U	0 U	1 U	1 U	--	0 U	--	3,600	--
WSAMM_L1B041004N	10/4/2004	0 U	1	1 U	1 U	--	0 U	--	1,600	--
L2A										
WSAMM_L2A030528N	5/28/2003	0	2	0 U	0 U	0.09 U	0	0.09 U	14,000	--
WSAMM_L2A030916N	9/16/2003	0	120 E	0	0	--	0	--	12,000	--
WSAMM_L2A040223N	2/23/2004	0 U	18	1 U	1 U	--	0 U	--	100,000	0.00132 U
WSAMM_L2A041004N	10/4/2004	0 U	0 U	1 U	1 U	--	0 U	--	11,000	--
L2B										
WSAMM_L2B030528N	5/28/2003	0	26	0 U	0 U	0.09 U	0	0.09 U	500	--
WSAMM_L2B030916N	9/16/2003	0	22	0	0	--	0	--	5,200	--
WSAMM_L2B040223FR	2/23/2004	0 U	0 U	1 U	1 U	--	0 U	--	2,300	--
WSAMM_L2B040223N	2/23/2004	0 U	1	1 U	1 U	--	0 U	--	1000	--
WSAMM_L2B041004N	10/4/2004	0 U	0 U	1 U	1 U	--	0 U	--	1000	--
M1A										
WSAMM_M1A030514N	5/14/2003	0	8,000 J	0 U	0 U	0.09 U	2	0.09 U	30,000 J	--
WSAMM_M1A030923N	9/23/2003	0	69	0	0	--	0	--	1,000,000	--
WSAMM_M1A040303FR	3/3/2004	--	--	1 U	1 U	--	--	--	--	--
WSAMM_M1A040303N	3/3/2004	0 U	130	1 U	1 U	--	0 U	--	40,000	--
WSAMM_M1A040304N	3/4/2004	--	--	--	--	--	--	--	--	--
WSAMM_M1A041012N	10/12/2004	87		1 U	11	--	87	--		--
M1B										
WSAMM_M1B030514N	5/14/2003	0	1	0 U	0 U	0.09 U	0	0.09 U	2,500	--
WSAMM_M1B030923N	9/23/2003	0	0	0	0	--	0	--	3,500	--
WSAMM_M1B040303N	3/3/2004	0 U	0 U	1 U	1 U	--	0 U	--	3,100	--
WSAMM_M1B041012N	10/12/2004	0 U	0 U	1 U	1 U	--	0 U	--	2,900	--

Table A-1
Analytical Results -- Microbiological Parameters
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Sample ID	Sample Date	COLIFORMS, FECAL CFU/100ml		COLIFORMS, TOTAL CFU/100ml		Coliphage Male Famp PFU/100ml		Coliphage Somatic PFU/100ml		Cryptosporidium L		Escherichia coli CFU/100ml		Giardia L		Heterotrophic Plate Count CFU/100ml		Virus, enteric PFU/L	
M2A																			
WSAMM_M2A030204N	2/4/2003	--		--		--		--		--		--		--		--		--	
WSAMM_M2A030513N	5/13/2003	0		10		0	U	0	U	0.4	U	0		0.4	U	12,900		--	
WSAMM_M2A030515N	5/15/2003	--		--		--		--		--		--		--		--		1	U
WSAMM_M2A030924N	9/24/2003	0		0		0		0		--		0		--		4,000		--	
WSAMM_M2A040225N	2/25/2004	0	U	0	U	1	U	1	U	--		0	U	--		7,000		--	
WSAMM_M2A041012N	10/12/2004	0	U	9		1	U	1	U	--		0	U	--		13,700		--	
M2B																			
WSAMM_M2B030515FR	5/15/2003	0		5		0	U	0	U	--		0		--		2,000	E	--	
WSAMM_M2B030515N	5/15/2003	0		10		0	U	0	U	0.09	U	0		0.09	U	2,000	E	--	
WSAMM_M2B030924N	9/24/2003	0		1		0		0		--		0		--		7,400		--	
WSAMM_M2B040225N	2/25/2004	0	U	0	U	1	U	1	U	--		0	U	--		3,200		--	
WSAMM_M2B041012N	10/12/2004	0	U	0	U	1	U	1	U	--		0	U	--		460		--	
M3																			
WSAMM_M3030519N	5/19/2003	0		54		0	U	0	U	0.09	U	0		0.09	U	5,500		--	
WSAMM_M3030924FR	9/24/2003	0		1		0		0		--		0		--		1000		--	
WSAMM_M3030924N	9/24/2003	0		0		0		0		--		0		--		5,200		--	
WSAMM_M3040303N	3/3/2004	0	U	0	U	1	U	1	U	--		0	U	--		3,000		0.0012	U
WSAMM_M3041018N	10/18/2004	0	U	0	U	1	U	1	U	--		0	U	--		500		--	
M4																			
WSAMM_M4030519N	5/19/2003	0		18		0	U	0	U	0.09	U	0		0.09	U	860,000		--	
WSAMM_M4030923N	9/23/2003	0		1		0		0		--		0		--		15,000		--	
WSAMM_M4040303N	3/3/2004	0	U	19		1	U	1	U	--		0	U	--		410,000		--	
WSAMM_M40410018FR	10/18/2004	0	U	11		1	U	1	U	--		0	U	--		10,000		--	
WSAMM_M4041018N	10/18/2004	0	U	3		1	U	1	U	--		0	U	--		5,300		--	
W1A																			
WSAMM_W1A030922N	9/22/2003	0		200	E	0		0		--		0		--		180,000		--	
WSAMM_W1A040302N	3/2/2004	0	U	23		1	U	1	U	--		0	U	--		9,800		--	
WSAMM_W1A041006N	10/6/2004	0	U	6		1	U	1	U	--		0	U	--		2,700		--	
W1B																			
WSAMM_W1B030521N	5/21/2003	0		2,500		0	U	0	U	0.09	U	0		0.09	U	37,000		--	
WSAMM_W1B030922N	9/22/2003	0		25		0		0		--		0		--		31,000		--	
WSAMM_W1B040302N	3/2/2004	0	U	3		1	U	1	U	--		0	U	--		3,700		--	
WSAMM_W1B041006N	10/6/2004	0	U	0	U	1	U	1	U	--		0	U	--		6,400		--	

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Sample ID	Sample Date	COLIFORMS, FECAL CFU/100ml		COLIFORMS, TOTAL CFU/100ml		Coliphage Male Famp PFU/100ml		Coliphage Somatic PFU/100ml		Cryptosporidium L		Escherichia coli CFU/100ml		Giardia L		Heterotrophic Plate Count CFU/100ml	Virus, enteric PFU/L	
W2A																		
WSAMM_W2A030204N	2/4/2003	--		--		--		--		--		--		--		--	--	
WSAMM_W2A030520N	5/20/2003	0		4		0	U	0	U	0.2	U	0		0.2	U	99,000	1	U
WSAMM_W2A030917FR	9/17/2003	0		0		0		0		--		0		--		700	--	
WSAMM_W2A030917N	9/17/2003	0		0		0		0		--		0		--		2,500	--	
WSAMM_W2A040301N	3/1/2004	0	U	3		1	U	1	U	--		0	U	--		3,600	--	
WSAMM_W2A041011N	10/11/2004	0	U	0	U	1	U	1	U	--		0	U	--		400	--	
W2B																		
WSAMM_W2B030520N	5/20/2003	0		2		0	U	0	U	0.09	U	0		0.09	U	4,600	--	
WSAMM_W2B030917N	9/17/2003	0		0		0		0		--		0		--		3,400	--	
WSAMM_W2B040301N	3/1/2004	0	U	2		1	U	1	U	--		0	U	--		1,400	--	
WSAMM_W2B041011N	10/11/2004	0	U	0	U	1	U	1	U	--		0	U	--		700	--	
W4D																		
WSAMM_W4D030521N	5/21/2003	0		100		0	U	0	U	0.09	U	0		0.09	U	150,000	--	
WSAMM_W4D030917N	9/17/2003	0		57		0		0		--		0		--		480,000	--	
WSAMM_W4D040224FR	2/24/2004	0	U	0	U	1	U	1	U	--		0	U	--		19,900	--	
WSAMM_W4D040224N	2/24/2004	0	U	1		1	U	1	U	--		0	U	--		6,600	--	
WSAMM_W4D041011N	10/11/2004	0	U	0	U	1	U	1	U	--		0	U	--		1,700	--	
W4S																		
WSAMM_W4S030521N	5/21/2003	0		0		0	U	0	U	0.09	U	0		0.09	U	500	--	
WSAMM_W4S030917N	9/17/2003	0		0		0		0		--		0		--		2,000	--	
WSAMM_W4S040224N	2/24/2004	0	U	0	U	1	U	1	U	--		0	U	--		300	--	
WSAMM_W4S041011N	10/11/2004	0	U	2		1	U	1	U	--		0	U	--		700	--	
W5																		
WSAMM_W5030529N	5/29/2003	0		4		0	U	0	U	0.3	U	0		0.3	U	10,000	--	
WSAMM_W5030917N	9/17/2003	0		15		0		0		--		0		--		4,300	--	
WSAMM_W5040301FR	3/1/2004	0	U	2		1	U	1	U	--		0	U	--		100	--	
WSAMM_W5040301N	3/1/2004	0	U	0	U	1	U	1	U	--		0	U	--		500	--	
WSAMM_W5041005N	10/5/2004	0	U	0	U	1	U	1	U	--		0	U	--		3,700	--	
W6																		
WSAMM_W6030528N	5/28/2003	0		9		0	U	0	U	0.09	U	0		0.09	U	8,200	--	
WSAMM_W6030922N	9/22/2003	0		100	E	0		0		--		0		--		7,000	--	
WSAMM_W6040301N	3/1/2004	0	U	1		1	U	1	U	--		0	U	--		2,900	0.00126	U
WSAMM_W6041005FR	10/5/2004	0	U	26	E	1	U	1	U	--		0	U	--		12,200	--	
WSAMM_W6041005N	10/5/2004	0	U	28	E	1	U	1	U	--		0	U	--		25,000	--	

Table A-1
Analytical Results -- Microbiological Parameters
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Sample ID	Sample Date	COLIFORMS, FECAL CFU/100ml	COLIFORMS, TOTAL CFU/100ml	Coliphage Male Famp PFU/100ml	Coliphage Somatic PFU/100ml	Cryptosporidium L	Escherichia coli CFU/100ml	Giardia L	Heterotrophic Plate Count CFU/100ml	Virus, enteric PFU/L
W7A										
WSAMM_W7A030527N	5/27/2003	0	2,000	0 U	0 U	0.09 U	1	0.09 U	21,000	--
WSAMM_W7A030916N	9/16/2003	0	2	0	0	--	0	--	1000	--
WSAMM_W7A040224N	2/24/2004	0 U	4	1 U	1 U	--	0 U	--	2,800	--
WSAMM_W7A040302N	3/2/2004	--	--	1 U	1 U	--	--	--	--	--
WSAMM_W7A041005N	10/5/2004	0 U	7	1 U	1 U	--	0 U	--	11,000	--
W7B										
WSAMM_W7B030527N	5/27/2003	0	110	0 U	0 U	0.09 U	0	0.09 U	7,300	0.026 J
WSAMM_W7B030916N	9/16/2003	0	42	0	0	--	0	--	4,700	--
WSAMM_W7B040224N	2/24/2004	0 U	32	1 U	1 U	--	1	--	17,000 E	0.0013 U
WSAMM_W7B041005N	10/5/2004	0 U	6 E	1 U	1 U	--	0 U	--	29,000	--
W8										
WSAMM_W8030922N *	9/22/2003	2 U	4	0	0	--	2 U	--	18,100,000	--
WSAMM_W8040302N	3/2/2004	0 U	16	1 U	1 U	--	0 U	--	2,500,000	--
WSAMM_W8041006N	10/6/2004	0 U	100 E	1 U	1 U	--	0 U	--	230,000	--

Notes:
* The 9/22/2003 sample from well W8 was analyzed by a different method as compared to the other samples. The results for Fecal Coliform, Total Coliform, and *Escherichia coli* are reported as Most Probable Number (MPN)/100 milliliters (ml) of sample rather than as colony forming units (CFU)/100ml.
Concetrations exceeding Maximum Contaminant Levels (MCLs) are shown in ***bold italic*** typeface (in all Appendix A tables)
Data qualifiers (used in all Appendix A tables)
B - (For all constituents except metals) The analyte was found in the associated method blank at a level that is significant relative to the sample result.
B - (For metals, Table A-3) The concentration is less than the Reporting Detection Limit (RDL) but greater than or equal to the Instrument Detection Limit (IDL).
E - The result is an estimated amount because the value exceeded the instrument calibration range.
H The laboratory qualified the result due to possible handling errors.
J - The result is an estimated concentration that is less than the Reporting Detection Limit (RDL) but greater than or equal to the Method Detection Limit (MDL).
U - The compound was not detected at or above the RDL. The value given is the lowest reporting detection limit for the constituent in the data set.

Table A-2
Analytical Results -- Conventional Water Quality Parameters
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Sample ID	Sample Date	ALKALINITY, TOTAL (AS CACO3) mg/L	AMMONIA AS N mg/L	CHLORIDE mg/L	FLUORIDE mg/L	HARDNESS mg/L	NITRATE mg/L	NITROGEN mg/L	PHOSPHATE, TOTAL mg/L	Phosphorus, ortho mg/L	SILICA mg/L	SULFATE mg/L	TOTAL DISSOLVED SOLIDS mg/L	TOTAL ORGANIC CARBON mg/L	TOTAL SUSPENDED SOLIDS mg/L
L1A															
WSAMM_L1A030522N	5/22/2003	81.4	0.015 J	4.3	0.035 J	88.1	0.757	0.803	0.0553	0.054	41.2	12.4	150	1.24	0.6 J
WSAMM_L1A030915FR	9/15/2003	77.4	0.02 U	4.03	0.0401	85.5	0.611	0.771	0.0682	0.0545	38.6 H	12.5	138	1 J	0.8 J
WSAMM_L1A030915N	9/15/2003	77.3	0.02 U	3.95	0.0518	84.8	0.624	0.724	0.0656	0.053	38.2 H	12.7	135	1.19	0.6 J
WSAMM_L1A040223N	2/23/2004	81.9	0.014 J	4.36	0.0532	87.7	0.426	0.458	0.0709	--	43.4	12.6	136	2.05	0.6 J
WSAMM_L1A041004N	10/4/2004	84.8	0.02 U	4.25	0.0599	94.8	0.687	0.709	0.0659	0.0569	33.4	13	153 H	0.83 J	1 U
L1B															
WSAMM_L1B030522N	5/22/2003	127	0.037	3.37	0.036 J	122	0.028 J	0.182	0.042	0.0381	48.5	6.84	160	4.08	1 U
WSAMM_L1B030915N	9/15/2003	125	0.0459	3.06	0.029 J	117	0.04 U	0.169	0.0418	0.0324	48.5 H	7.45	180	4	1 U
WSAMM_L1B040223N	2/23/2004	119	0.041	4.19	0.022 J	116	0.13	0.301	0.0509	0.0365 E	47	10.6	187	4.91	1 U
WSAMM_L1B041004FR	10/4/2004	115	0.0313	3.5	0.035 J	122	0.206	0.425	0.0546	0.0373	48.8	8.12	186 H	3.53	1 U
WSAMM_L1B041004N	10/4/2004	117	0.0308	3.51	0.04 U	117	0.205	0.443	0.0557	0.0377	45.7	8.43	192 H	3.56	1 U
L2A															
WSAMM_L2A030528N	5/28/2003	95.9	0.015 J	6.8	0.024 J	118	3.18	3.4	0.0196	0.00527	12.9	16	190	3.93	1 U
WSAMM_L2A030916N	9/16/2003	102	0.0213	6.54	0.0472	117	1.49	1.75	0.0165	0.0047 J	39.2 H	18.2	187	3.73	2
WSAMM_L2A040223N	2/23/2004	105	0.0357	7.55	0.039 J	127	2.32	3.81	0.0193	0.004 J	38.7	24.7	207	4.25	0.51 J
WSAMM_L2A041004N	10/4/2004	98.6	0.011 J	7.63	0.04 U	125	2.28 EH	3.24	0.0234	0.00788	39.3	19	217 H	2.66	1 U
L2B															
WSAMM_L2B030528N	5/28/2003	112	0.562	3.54	0.126	85.5	0.04 U	0.521	0.359	0.378	29.2	5.41	158	2.06	1 U
WSAMM_L2B030916N	9/16/2003	107	0.484	3.11	0.148	86.2	0.04 U	0.522	0.456	0.385	41.3 H	3.43	155	1.61	0.5 J
WSAMM_L2B040223FR	2/23/2004	104	0.42	3.46	0.144	83.8	0.04 U	0.381	0.344	0.291	37.6	4.29	149	2.39	1 U
WSAMM_L2B040223N	2/23/2004	105	0.414	3.38	0.142	80.4	0.04 U	0.43	0.376	0.315	39.1	4.05	147	2.18	1 U
WSAMM_L2B041004N	10/4/2004	105	0.407	3.36	0.142	88.6	0.04 U	0.476	0.358	0.356	41.2	4.45	159 H	1.22	1 U
M1A															
WSAMM_M1A030514N	5/14/2003	135	0.398	12.2	0.248	69.7	0.04 U	0.495	0.345	0.315	26.6	10.8	217	6.06	6.57
WSAMM_M1A030923N	9/23/2003	141	0.398	11.2	0.24	66.5	0.04 U	0.514	0.308	0.278	25.3	9.99	209	3.12	1.21
WSAMM_M1A040303FR	3/3/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WSAMM_M1A040303N	3/3/2004	138	0.131	9.48	0.207	--	0.101	0.264	0.438	0.44	31.4	6.81	195	3.5	1.5
WSAMM_M1A040304N	3/4/2004	--	--	--	--	74.8	--	--	--	--	--	--	--	--	--
WSAMM_M1A041012N	10/12/2004	136	0.169	9.56	0.231	76.1	0.0476	0.277	0.432	0.404	30.5	7	189	2.49	1.6
M1B															
WSAMM_M1B030514N	5/14/2003	75.5	0.02 U	6.15	0.0411	73.3	0.373	0.554	0.0241	0.0193	28.7	21.9	162	4.08	1 U
WSAMM_M1B030923N	9/23/2003	73.5	0.02 U	5.2	0.033 J	73.3	0.199	0.371	0.024	0.0179	28.6	20.8	151	4.41	1 U
WSAMM_M1B040303N	3/3/2004	72.7	0.02 U	6.21	0.051	70.4	0.34	0.534	0.0243	0.0197	29	18.5	142	4.34	1 U
WSAMM_M1B041012N	10/12/2004	77.9	0.02 U	4.9	0.0449	87	0.32	0.544	0.0291	0.0204	30.2	27.5	149	4.29	1 U
M2A															
WSAMM_M2A030204N	2/4/2003	108	0.0231	7.29	0.039 J	87.3	0.446	0.492	0.0477	0.0472	16	17.2	167	2.51	4
WSAMM_M2A030513N	5/13/2003	109	0.0315	7.43	0.0463	91.5	0.301 H	0.349	0.0801	0.0735	27.8	17.3	166	1.73	6.46
WSAMM_M2A030515N	5/15/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WSAMM_M2A030924N	9/24/2003	99.4	0.0297	7.82	0.036 J	91.9	0.236	0.275	0.0565	0.0465	27.3	18.4	168	1.79	1 U
WSAMM_M2A040225N	2/25/2004	96.5	0.0381	7.59	0.0769	89	0.301	0.355	0.0671	0.0591	24.1	17.3	151	2.75	1 J
WSAMM_M2A041012N	10/12/2004	107	0.0242	7.55	0.0639	96.4	0.249	0.325	0.0627	0.0558	25.8	18.1	154	1.45	0.8 J
M2B															
WSAMM_M2B030515FR	5/15/2003	72.4	0.363	6.65	0.039 J	70.2	0.8	1.24	0.118	0.115	28.9	15.1	140	1.75	0.5 J
WSAMM_M2B030515N	5/15/2003	71.1	0.365	6.49	0.0431	70.8	0.798	1.27	0.122	0.115	28.5	15.2	130	2	0.6 J
WSAMM_M2B030924N	9/24/2003	80	0.236	6.96	0.037 J	73.9	0.652	0.975	0.0978	0.0913	28.5	16.4	140	1.85	1 U
WSAMM_M2B040225N	2/25/2004	75.9	0.34	6.97	0.0501	71.7	0.762	1.11	0.119	0.113	24.2	15.3	129	2.84	1 U
WSAMM_M2B041012N	10/12/2004	82.1	0.222	6.97	0.0515	80.8	0.753	1.05	0.112	0.104	26.5	15.4	136	1.68	1 U
M3															
WSAMM_M3030519N	5/19/2003	82.8	0.02 U	7.34	0.0419	85.6	0.913	0.956	0.0326	0.0295	26.8 H	15.8	142	1.44	1.5
WSAMM_M3030924FR	9/24/2003	84.5	0.02 U	7.32	0.04 U	87	0.98	0.962	0.034	0.032	26.5	14.9	147	1.31	1 U
WSAMM_M3030924N	9/24/2003	83.7	0.02 U	7.73	0.039 J	87	1.12	1.04	0.0377	0.0307	27.2	15.6	149	1.52	1 U
WSAMM_M3040303N	3/3/2004	84.8	0.02 U	6.91	0.035 J	86.4	0.645	0.689	0.0435	0.0381	25.5	14.2	144	2.49	1 U
WSAMM_M3041018N	10/18/2004	89	0.012 J	7.37	0.0652	93.4	0.849	0.915	0.0442	0.0381	26.6	14.7	138	1.18	2 U
M4															
WSAMM_M4030519N	5/19/2003	84.4	0.014 J	5.94	0.0455	81.9	0.661	0.755	0.0241	0.0166	28	16.1	142	1.91	4.56
WSAMM_M4030923N	9/23/2003	76.6	0.02 U	6.03	0.033 J	81.4	0.79	0.748	0.0285	0.0263	26.9	15.2	141	1.81	1 U
WSAMM_M4040303N	3/3/2004	68.5	0.02 U	4.74	0.027 J	87.2	0.707	0.759	0.0339	0.0258	23.5	12.9	126	2.57	1 U
WSAMM_M40410018FR	10/18/2004	75.8	0.012 J	6.1	0.0537	86.8	0.895	0.971	0.0352	0.0264	27.3	15.3	129	1.74	1 U
WSAMM_M4041018N	10/18/2004	76.3	0.015 J	6.3	0.0712	87.5	0.922	1.03	0.0358	0.0271	27.7	15.3	130	1.41	1 U

Table A-2
Analytical Results -- Conventional Water Quality Parameters
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Sample ID	Sample Date	ALKALINITY, TOTAL (AS CACO3) mg/L	AMMONIA AS N mg/L	CHLORIDE mg/L	FLUORIDE mg/L	HARDNESS mg/L	NITRATE mg/L	NITROGEN mg/L	PHOSPHATE, TOTAL mg/L	Phosphorus, ortho mg/L	SILICA mg/L	SULFATE mg/L	TOTAL DISSOLVED SOLIDS mg/L	TOTAL ORGANIC CARBON mg/L	TOTAL SUSPENDED SOLIDS mg/L
W1A															
WSAMM_W1A030922N	9/22/2003	99.1	0.618	5.51	0.113	62.9	0.04 U	0.844	0.341	0.335	40.2	0.2 U	149	2.12	2.7
WSAMM_W1A040302N	3/2/2004	102	0.621	5.8	0.11	63.3	0.04 U	0.628	0.36	0.322	41.6	0.2 U	148	2.98	2.24
WSAMM_W1A041006N	10/6/2004	102	0.63	5.69	0.143	64.2	0.04 U	0.637	0.346	0.351	37.8	0.2 U	151	1.72	1.6
W1B															
WSAMM_W1B030521N	5/21/2003	107	0.131	7.5	0.0475	104	0.035 J	0.207	0.0506	0.0252	35.9	11.8	168	2.12	3
WSAMM_W1B030922N	9/22/2003	102	0.0826	6.98	0.0487	113	0.031 J	0.205	0.0376	0.0143	36	13.1	163	2.23	1 U
WSAMM_W1B040302N	3/2/2004	118	0.116	7.66	0.0488	112	0.04 U	0.142	0.04	0.0208	36.5	11	177	3.38	1 U
WSAMM_W1B041006N	10/6/2004	109	0.0976	7.67	0.0696	113	0.028 J	0.222	0.0475	0.037	34.1	11.9	175	1.82	1 U
W2A															
WSAMM_W2A030204N	2/4/2003	61.3	0.128	2.82	0.027 J	84.9	0.04 U	0.286	0.0372	0.005 U	11	45.4	177	7.08	3.78
WSAMM_W2A030520N	5/20/2003	47	0.0872	2.42	0.0744	80.3	0.04 U	0.329	0.0236	0.044	39.9	44.7	147	5.07	1.9
WSAMM_W2A030917FR	9/17/2003	58.9	0.0911	3.06	0.0489	71	0.04 U	0.252	0.0241	0.0039 J	36.6 H	25.7	145	4.11	1 U
WSAMM_W2A030917N	9/17/2003	62.1	0.0944	3.25	0.034 J	70	0.04 U	0.248	0.0233	0.0049 J	38.1 H	26.3	149	4.52	1 U
WSAMM_W2A040301N	3/1/2004	37.3	0.103	2.34	0.026 J	81.6	0.04 U	0.332	0.026	0.00526	43.2	52.9	169	7.29	1.9
WSAMM_W2A041011N	10/11/2004	48.8	0.0739	2.56	0.0646	71.4	0.04 U	0.246	0.0393	0.0494 E	39	24.8	150	4.34	1 J
W2B															
WSAMM_W2B030520N	5/20/2003	56.4	0.102	2.42	0.039 J	99.4	0.04 U	0.36	0.0265	0.00891	38.1	34.2	183	5.24	3.55
WSAMM_W2B030917N	9/17/2003	70.1	0.0897	3.39	0.038 J	71.2	0.04 U	0.247	0.0258	0.0028 J	38.9 H	21.3	151	4.55	0.9 J
WSAMM_W2B040301N	3/1/2004	42.3	0.128	2.3	0.036 J	79.9	0.04 U	0.33	0.0223	0.0025 J	41.5	53.6	167	6.47	2 U
WSAMM_W2B041011N	10/11/2004	48.9	0.0667	3.08	0.0603	69.1	0.04 U	0.228	0.0358	0.033 BE	40.5	24.3	149	4.01	0.9 J
W4D															
WSAMM_W4D030521N	5/21/2003	202	0.246	9.71	0.294	86.8	0.032 J	0.352	0.976	0.988	35.6	1.98	273	3.62	4.2
WSAMM_W4D030917N	9/17/2003	206	0.402	9.74	0.281	94.3	0.04 U	0.315	1.08	0.681	35.7 H	0.923	269	3	1 U
WSAMM_W4D040224FR	2/24/2004	200	0.3	9.63	0.318	92.8	0.04 U	0.293	1.1	0.738	37.8	0.568	258	3.82	1 U
WSAMM_W4D040224N	2/24/2004	203	0.282	8.41	0.29	91.3	0.04 U	0.294	0.962	0.703	38.9	0.517	261	4.17	1 U
WSAMM_W4D041011N	10/11/2004	199	0.234	9.61	0.306	94.4	0.04 U	0.281	1.02	1.04 E	37.3	0.11 J	275	2.99	1 U
W4S															
WSAMM_W4S030521N	5/21/2003	131	0.961	2.89	0.036 J	165	0.04 U	1.97	0.158	0.0211	45.6	45	317	24.1	1 U
WSAMM_W4S030917N	9/17/2003	157	0.776	2.81	0.0465	188	0.04 U	1.99	0.145	0.115 E	44.6 H	43.1	340	23.4	2 U
WSAMM_W4S040224N	2/24/2004	156	0.57	2.81	0.024 J	200	0.04 U	2.02	0.04	0.025 U	46.2	56.5	353	25.1	1 U
WSAMM_W4S041011N	10/11/2004	138	0.745	3.18	0.0496	193	0.04 U	1.9	0.0693	0.071 BE	43.6	49.5	338	44.4	0.7 J
W5															
WSAMM_W5030529N	5/29/2003	142	0.564	5.73	0.0596	195	0.04 U	1.11	0.0745	0.158	5.58	62.9	337	12.7	11.6
WSAMM_W5030917N	9/17/2003	156	0.58	6.12	0.0541	209	0.04 U	0.965	0.107	0.0025 J	42.4 H	64.5	339	8.51	6.7
WSAMM_W5040301FR	3/1/2004	99.4	0.51	8.49	0.0832	162	0.04 U	1.17	0.0262	0.0275	43.8	62.7	311	15.9	1.1
WSAMM_W5040301N	3/1/2004	108	0.525	8.73	0.087	159	0.04 U	1.29	0.0356	0.0143	44.6	61.2	323	16.6	0.9 J
WSAMM_W5041005N	10/5/2004	90.1	0.525	8.15	0.0829	171	0.04 U	1.51	0.034	0.093 BE	38.8	71.4	358	39.3	2.9
W6															
WSAMM_W6030528N	5/28/2003	336	1.39	6.35	0.141	296	0.04 U	2.06	0.0644	0.105	12.7	10.9	433	20.5	5.6
WSAMM_W6030922N	9/22/2003	276	0.289	6.41	0.181	236	0.114	2.31	0.237	0.467	35.3	9.33	389	18.4	1.4 J
WSAMM_W6040301N	3/1/2004	314	1.35	6.36	0.189	184	0.04 U	1.91	0.0754	0.0207	33.1	7.09	405	19	0.8 J
WSAMM_W6041005FR	10/5/2004	278	1.67	5.95	0.201	236	0.04 U	2.27	0.0994	0.127 EH	34.6	2.72	404	40.5	0.9 J
WSAMM_W6041005N	10/5/2004	275	1.67	6.23	0.193	242	0.04 U	2.3	0.125	0.127 EH	35	2.91	399	40.3	1 U
W7A															
WSAMM_W7A030527N	5/27/2003	33.2	0.0258	6.26	0.0489	147	***16.1***	16.2	0.016 J	0.0104	5.87	66.1	289	8.55	1 U
WSAMM_W7A030916N	9/16/2003	62.1	0.055	3.78	0.037 J	176	0.04 U	0.163	0.0314	0.0034 J	31.7 H	86.9	213	3.24	1 U
WSAMM_W7A040224N	2/24/2004	40.3	0.0334	4.25	0.0815	188	5.68	15.2	0.0545	0.005 U	36.1	109	358	13.2	10
WSAMM_W7A040302N	3/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WSAMM_W7A041005N	10/5/2004	50.1	0.0231	4.06	0.0785	114	0.182	0.663	0.036	0.0326	34.9	67.6	225	9.33	1 U
W7B															
WSAMM_W7B030527N	5/27/2003	43.9	0.031	5.24	0.0451	148	8.8	9.19	0.0274	0.0258	4.52	75.1	265	6.38	0.6 J
WSAMM_W7B030916N	9/16/2003	26.4	0.0239	5.53	0.0611	167	8.47	9.77	0.0155	0.0138	35.6 H	115	337	8.1	1 U
WSAMM_W7B040224N	2/24/2004	32	0.0289	4.37	0.0755	184	8.98	15.1	0.0107	0.005 U	34.3	101	327	12	8.45
WSAMM_W7B041005N	10/5/2004	43.6	0.015 J	4.24	0.0886	97.7	0.02 J	0.493	0.0162	0.0034 J	33.6	57.2	197	8.82	3.8
W8															
WSAMM_W8030922N	9/22/2003	--	1.46	3.9	0.18	--	0.021 J	0.596	0.479	0.00762	35.1	6.46	--	--	--
WSAMM_W8040302N	3/2/2004	170	0.44	4.23	0.188	33.7	0.04 U	0.601	0.434	0.428	35.9	6.02	236	5.96	11.7
WSAMM_W8041006N	10/6/2004	217	0.624	4.26	0.148	75.8	0.04 U	0.826	0.426	0.465 E	34.7	6.16	300	5.63	1.1

Table A-3
Analytical Results -- Metals
Sammamish River Valley Groundwater Study
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Sample ID	Sample Date	ANTIMONY mg/L	ARSENIC mg/L	BARIUM mg/L	BERYLLIUM mg/L	CADMIUM mg/L	CALCIUM METAL mg/L	CHROMIUM mg/L	COBALT mg/L	COPPER mg/L	IRON mg/L	LEAD mg/L	MAGNESIUM mg/L	MANGANESE mg/L
L1A														
WSAMM_L1A030522N	5/22/2003	0.0025 U	0.00252	0.00999	0.001 U	0.0005 U	12.6	0.0014 J	0.001 U	0.00043 J	0.14 J	0.001 U	13.8	0.0454
WSAMM_L1A030915FR	9/15/2003	0.0025 U	0.00291	0.00748	0.001 U	0.0005 U	12.4	0.00095 J	0.001 U	0.0013 J	0.25 U	0.001 U	13.3	***0.0751***
WSAMM_L1A030915N	9/15/2003	0.0025 U	0.00302	0.00768	0.001 U	0.0005 U	12.2	0.00095 J	0.001 U	0.00054 J	0.25 U	0.001 U	13.2	***0.0718***
WSAMM_L1A040223N	2/23/2004	0.0025 U	0.00288	0.00645	0.001 U	0.0005 U	12.4	0.00091 J	0.001 U	0.00083 J	0.25 U	0.001 U	13.8	***0.0729***
WSAMM_L1A041004N	10/4/2004	0.0025 U	0.0027	0.00685	0.001 U	0.0005 U	13.8	0.001 J	0.001 U	0.00054 J	0.25 U	0.001 U	14.6	0.041
L1B														
WSAMM_L1B030522N	5/22/2003	0.0025 U	0.001 J	0.0159	0.001 U	0.0005 U	18.8	0.00065 J	0.00192	0.00314	***0.324***	0.001 U	18.2	***0.765***
WSAMM_L1B030915N	9/15/2003	0.0025 U	0.001 J	0.015	0.001 U	0.0005 U	18.2	0.002 U	0.003	0.00409	0.25 U	0.001 U	17.3	***0.289***
WSAMM_L1B040223N	2/23/2004	0.0025 U	0.00094 J	0.0138	0.001 U	0.0005 U	17.8	0.002 U	0.00171	0.00268	0.25 U	0.001 U	17.4	***0.292***
WSAMM_L1B041004FR	10/4/2004	0.0025 U	0.001 J	0.0136	0.001 U	0.0005 U	19	0.002 U	0.0023	0.00358	0.25 U	0.001 U	18	***0.269***
WSAMM_L1B041004N	10/4/2004	0.0025 U	0.001 J	0.0141	0.001 U	0.0005 U	18.3	0.002 U	0.00234	0.00371	0.25 U	0.001 U	17.3	***0.279***
L2A														
WSAMM_L2A030528N	5/28/2003	0.0025 U	0.0007 J	0.0245	0.001 U	0.0005 U	21.9	0.00067 J	0.00134	0.0018 J	***0.371***	0.001 U	15.3	***0.199***
WSAMM_L2A030916N	9/16/2003	0.0025 U	0.0011 J	0.0248	0.001 U	0.0005 U	22.1	0.00049 J	0.001 J	0.00375	***0.702***	0.001 U	15	***0.168***
WSAMM_L2A040223N	2/23/2004	0.0025 U	0.00078 J	0.0249	0.001 U	0.0005 U	23.5	0.00046 J	0.00258	0.00205	0.24 J	0.001 U	16.7	***0.187***
WSAMM_L2A041004N	10/4/2004	0.0025 U	0.00068 J	0.0247	0.001 U	0.0005 U	24.4	0.002 U	0.0009 J	0.00286	0.21 J	0.001 U	15.7	***0.185***
L2B														
WSAMM_L2B030528N	5/28/2003	0.0025 U	***0.0163***	0.0194	0.001 U	0.0005 U	15.6	0.002 U	0.001 U	0.002 U	***0.348***	0.001 U	11.3	***0.144***
WSAMM_L2B030916N	9/16/2003	0.0025 U	***0.0143***	0.0192	0.001 U	0.0005 U	15.7	0.002 U	0.001 U	0.002 U	***0.397***	0.001 U	11.4	***0.15***
WSAMM_L2B040223FR	2/23/2004	0.0025 U	***0.0154***	0.0177	0.001 U	0.0005 U	15	0.002 U	0.001 U	0.002 U	***0.379***	0.001 U	11.2	***0.148***
WSAMM_L2B040223N	2/23/2004	0.0025 U	***0.0147***	0.0169	0.001 U	0.0005 U	14.4	0.002 U	0.001 U	0.002 U	***0.369***	0.001 U	10.8	***0.131***
WSAMM_L2B041004N	10/4/2004	0.0025 U	***0.0135***	0.0183	0.001 U	0.0005 U	16.2	0.002 U	0.001 U	0.002 U	***0.416***	0.001 U	11.7	***0.159***
M1A														
WSAMM_M1A030514N	5/14/2003	0.0025 U	***0.0265***	0.0383	0.001 U	0.0005 U	15.8	0.00065 J	0.00022 J	0.0013 J	***0.306***	0.001 U	7.34	***0.0813***
WSAMM_M1A030923N	9/23/2003	0.0025 U	***0.017***	0.0347	0.001 U	0.0005 U	15.2	0.002 U	0.00022 J	0.00096 J	0.13 J	0.001 U	6.92	***0.156***
WSAMM_M1A040304N	3/4/2004	0.0025 U	***0.0341***	0.0451	0.001 U	0.0005 U	16.5	0.0005 J	0.00024 J	0.0005 J	0.263	0.001 U	8.15	***0.0974***
WSAMM_M1A041012N	10/12/2004	0.0025 U	***0.0292***	0.0382	0.001 U	0.0005 U	17.3	0.002 U	0.001 U	0.00216	0.087 J	0.00072 J	8.01	***0.12***
M1B														
WSAMM_M1B030514N	5/14/2003	0.0025 U	0.00079 J	0.0157	0.001 U	0.0005 U	15.1	0.00041 J	0.00078 J	0.0414	0.21 J	0.001 U	8.63	***0.557***
WSAMM_M1B030923N	9/23/2003	0.0025 U	0.00064 J	0.0122	0.001 U	0.0005 U	15.1	0.002 U	0.00078 J	0.0104	0.25 U	0.001 U	8.67	***0.588***
WSAMM_M1B040303N	3/3/2004	0.0025 U	0.00061 J	0.0116	0.001 U	0.0005 U	14.6	0.002 U	0.00072 J	0.00355	0.25 U	0.001 U	8.22	***0.544***
WSAMM_M1B041012N	10/12/2004	0.0025 U	0.00066 J	0.0101	0.001 U	0.0005 U	18.3	0.002 U	0.00092 J	0.0268	0.25 U	0.001 U	10	***0.661***
M2A														
WSAMM_M2A030204N	2/4/2003	0.0025 U	0.00523	0.0236	0.001 U	0.0005 U	18.1	0.002 U	0.00076 J	0.00272	0.097 J	0.001 U	10.2	***1.01***
WSAMM_M2A030513N	5/13/2003	0.0025 U	0.00927	0.043	0.001 U	0.0005 U	18.9	0.002 U	0.00264	0.00433	0.18 J	0.001 U	10.8	***4.33***
WSAMM_M2A030924N	9/24/2003	0.0025 U	0.0058	0.0185	0.001 U	0.0005 U	18.8	0.002 U	0.00022 J	0.00215	0.25 U	0.001 U	10.9	***0.605***
WSAMM_M2A040225N	2/25/2004	0.0025 U	0.00882	0.0177	0.001 U	0.0005 U	18.6	0.002 U	0.00038 J	0.00081 J	0.25 U	0.001 U	10.4	***0.687***
WSAMM_M2A041012N	10/12/2004	0.0025 U	0.0063	0.0205	0.001 U	0.0005 U	20.1	0.002 U	0.00049 J	0.00407	0.25 U	0.001 U	11.2	***0.866***
M2B														
WSAMM_M2B030515FR	5/15/2003	0.0025 U	0.00296	0.0174	0.001 U	0.0005 U	14.8	0.00043 J	0.00036 J	0.0012 J	0.21 J	0.001 U	8.06	***0.682***
WSAMM_M2B030515N	5/15/2003	0.0025 U	0.00325	0.0188	0.001 U	0.0005 U	15	0.00042 J	0.00034 J	0.0012 J	0.21 J	0.001 U	8.11	***0.67***
WSAMM_M2B030924N	9/24/2003	0.0025 U	0.00336	0.0164	0.001 U	0.0005 U	15.4	0.002 U	0.00024 J	0.0012 J	0.25 U	0.001 U	8.64	***0.625***
WSAMM_M2B040225N	2/25/2004	0.0025 U	0.00395	0.0145	0.001 U	0.0005 U	15.1	0.002 U	0.00024 J	0.00064 J	0.25 U	0.001 U	8.24	***0.64***
WSAMM_M2B041012N	10/12/2004	0.0025 U	0.00357	0.0134	0.001 U	0.0005 U	17.3	0.002 U	0.0003 J	0.0011 J	0.25 U	0.001 U	9.16	***0.589***

Table A-3
Analytical Results -- Metals
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Sample ID	Sample Date	ANTIMONY mg/L	ARSENIC mg/L	BARIUM mg/L	BERYLLIUM mg/L	CADMIUM mg/L	CALCIUM METAL mg/L	CHROMIUM mg/L	COBALT mg/L	COPPER mg/L	IRON mg/L	LEAD mg/L	MAGNESIUM mg/L	MANGANESE mg/L
M3														
WSAMM_M3030519N	5/19/2003	0.0025 U	0.0011 J	0.0837	0.001 U	0.0005 U	18.6	0.00059 J	0.001 U	0.0016 J	0.269	0.001 U	9.53	0.00701
WSAMM_M3030924FR	9/24/2003	0.0025 U	0.001 J	0.0603	0.001 U	0.0005 U	19.1	0.002 U	0.001 U	0.00056 J	0.25 U	0.001 U	9.55	0.00277
WSAMM_M3030924N	9/24/2003	0.0025 U	0.001 J	0.0595	0.001 U	0.0005 U	18.7	0.002 U	0.001 U	0.00057 J	0.25 U	0.001 U	9.78	0.00255
WSAMM_M3040303N	3/3/2004	0.0025 U	0.0011 J	0.0466	0.001 U	0.0005 U	18.9	0.002 U	0.001 U	0.00053 J	0.25 U	0.001 U	9.53	0.00103
WSAMM_M3041018N	10/18/2004	0.0025 U	0.0012 J	0.0374	0.001 U	0.0005 U	20.6	0.002 U	0.001 U	0.0006 J	0.25 U	0.001 U	10.2	0.00112
M4														
WSAMM_M4030519N	5/19/2003	0.0025 U	0.00087 J	0.0121	0.001 U	0.0005 U	17.4	0.00086 J	0.00131	0.00627	***0.526***	0.00022 J	9.33	***0.485***
WSAMM_M4030923N	9/23/2003	0.0025 U	0.0006 J	0.00863	0.001 U	0.0005 U	17.1	0.002 U	0.00092 J	0.0013 J	0.25 U	0.001 U	9.39	***0.391***
WSAMM_M4040303N	3/3/2004	0.0025 U	0.00052 J	0.0119	0.001 U	0.0005 U	18.7	0.002 U	0.00098 J	0.00206	0.25 U	0.001 U		***0.51***
WSAMM_M40410018FR	10/18/2004	0.0025 U	0.00062 J	0.00832	0.001 U	0.0005 U	18.6	0.002 U	0.00077 J	0.00093 J	0.25 U	0.001 U	9.77	***0.373***
WSAMM_M4041018N	10/18/2004	0.0025 U	0.00061 J	0.00818	0.001 U	0.0005 U	18.8	0.002 U	0.00078 J	0.001 J	0.25 U	0.001 U	9.83	***0.393***
W1A														
WSAMM_W1A030922N	9/22/2003	0.0025 U	0.0025 U	0.0232	0.001 U	0.0005 U	12.2	0.002 U	0.001 U	0.00043 J	0.15 J	0.001 U	7.89	0.0439
WSAMM_W1A040302N	3/2/2004	0.0025 U	0.0025 U	0.0175	0.001 U	0.0005 U	12.4	0.00041 J	0.001 U	0.002 U	0.21 J	0.001 U	7.83	***0.0502***
WSAMM_W1A041006N	10/6/2004	0.0025 U	0.0025 U	0.0162	0.001 U	0.0005 U	12.8	0.002 U	0.001 U	0.002 U	0.16 J	0.001 U	7.84	***0.0515***
W1B														
WSAMM_W1B030521N	5/21/2003	0.0025 U	0.002 J	0.0228	0.001 U	0.0005 U	18.1	0.002 U	0.00034 J	0.00044 J	***0.703***	0.001 U	14.3	***0.16***
WSAMM_W1B030922N	9/22/2003	0.0025 U	0.0019 J	0.0229	0.001 U	0.0005 U	19	0.002 U	0.001 U	0.002 U	***0.531***	0.001 U	15.9	***0.158***
WSAMM_W1B040302N	3/2/2004	0.0025 U	0.0018 J	0.0217	0.001 U	0.0005 U	19	0.002 U	0.00022 J	0.002 U	***0.468***	0.002 U	15.6	***0.173***
WSAMM_W1B041006N	10/6/2004	0.0025 U	0.002 J	0.0196	0.001 U	0.0005 U	19.4	0.002 U	0.00023 J	0.0018 J	***0.452***	0.001 U	15.7	***0.183***
W2A														
WSAMM_W2A030204N	2/4/2003	0.0025 U	0.00587	0.0314	0.001 U	0.0005 U	18.3	0.00097 J	0.00121	0.002 U	***10***	0.001 U	9.53	***0.382***
WSAMM_W2A030520N	5/20/2003	0.0025 U	0.00597	0.0245	0.001 U	0.0005 U	16.9	0.00079 J	0.00062 J	0.00058 J	***8.32***	0.001 U	9.25	***0.31***
WSAMM_W2A030917FR	9/17/2003	0.0025 U	0.00583	0.0229	0.001 U	0.0005 U	15.1	0.00064 J	0.00041 J	0.002 U	***7.01***	0.001 U	8.09	***0.268***
WSAMM_W2A030917N	9/17/2003	0.0025 U	0.00506	0.0218	0.001 U	0.0005 U	14.5	0.00056 J	0.00035 J	0.002 U	***6.63***	0.001 U	8.19	***0.246***
WSAMM_W2A040301N	3/1/2004	0.0025 U	0.00391	0.0238	0.001 U	0.0005 U	17.3	0.00084 J	0.00336	0.002 U	***6.83***	0.001 U	9.31	***0.297***
WSAMM_W2A041011N	10/11/2004	0.0025 U	0.00685	0.0203	0.001 U	0.0005 U	15.3	0.00089 J	0.0003 J	0.00066 J	***6.79***	0.001 U	8.09	***0.241***
W2B														
WSAMM_W2B030520N	5/20/2003	0.0025 U	0.00896	0.111	0.001 U	0.00018 J	18.5	0.0182	0.00563	0.0302	***21.4***	0.00548	12.9	***0.482***
WSAMM_W2B030917N	9/17/2003	0.0025 U	0.00723	0.0321	0.001 U	0.0005 U	14.8	0.0006 J	0.00059 J	0.002 U	***8.94***	0.001 U	8.29	***0.308***
WSAMM_W2B040301N	3/1/2004	0.0025 U	0.00478	0.0275	0.001 U	0.0005 U	16.9	0.00077 J	0.00563	0.00046 J	***7.87***	0.001 U	9.14	***0.349***
WSAMM_W2B041011N	10/11/2004	0.0025 U	0.0067	0.0234	0.001 U	0.0005 U	14.6	0.00065 J	0.001 J	0.002 U	***6.93***	0.001 U	7.93	***0.294***
W4D														
WSAMM_W4D030521N	5/21/2003	0.0025 U	***0.169***	0.0216	0.001 U	0.0005 U	24	0.002 U	0.001 U	0.00098 J	0.093 J	0.001 U	6.56	***0.0767***
WSAMM_W4D030917N	9/17/2003	0.0025 U	***0.162***	0.0208	0.001 U	0.0005 U	26.2	0.002 U	0.001 U	0.0012 J	0.25 U	0.001 U	7	***0.0702***
WSAMM_W4D040224FR	2/24/2004	0.0025 U	***0.168***	0.0193	0.001 U	0.0005 U	25.5	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	7.08	***0.0625***
WSAMM_W4D040224N	2/24/2004	0.0025 U	***0.151***	0.0192	0.001 U	0.0005 U	25.1	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	6.96	***0.0602***
WSAMM_W4D041011N	10/11/2004	0.0025 U	***0.169***	0.0194	0.001 U	0.0005 U	26.2	0.002 U	0.001 U	0.00087 J	0.25 U	0.001 U	7.03	***0.0705***
W4S														
WSAMM_W4S030521N	5/21/2003	0.0025 U	0.00382	0.0582	0.001 U	0.0005 U	38.4	0.00411	0.001 U	0.002 U	***8.73***	0.001 U	16.8	***0.63***
WSAMM_W4S030917N	9/17/2003	0.0025 U	0.0041	0.0643	0.001 U	0.0005 U	43.9	0.0038	0.001 U	0.002 U	***10.2***	0.001 U	18.9	***0.651***
WSAMM_W4S040224N	2/24/2004	0.0025 U	0.00404	0.0667	0.001 U	0.0005 U	46.2	0.00288	0.001 U	0.002 U	***11.6***	0.001 U	20.6	***0.811***
WSAMM_W4S041011N	10/11/2004	0.0025 U	0.00429	0.0625	0.001 U	0.0005 U	45.2	0.00353	0.001 U	0.002 U	***11.6***	0.001 U	19.5	***0.708***

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Sample ID	Sample Date	ANTIMONY mg/L	ARSENIC mg/L	BARIUM mg/L	BERYLLIUM mg/L	CADMIUM mg/L	CALCIUM METAL mg/L	CHROMIUM mg/L	COBALT mg/L	COPPER mg/L	IRON mg/L	LEAD mg/L	MAGNESIUM mg/L	MANGANESE mg/L
W5														
WSAMM_W5030529N	5/29/2003	0.0025 U	0.00642	0.0489	0.001 U	0.0005 U	46.2	0.00308	0.00098 J	0.00057 J	***25.8***	0.001 U	19.3	***1.25***
WSAMM_W5030917N	9/17/2003	0.0025 U	0.00779	0.0506	0.001 U	0.0005 U	52.9	0.0016 J	0.00117	0.00046 J	***19.5***	0.001 U	18.7	***1.31***
WSAMM_W5040301FR	3/1/2004	0.0025 U	0.00628	0.0371	0.001 U	0.0005 U	38.2	0.00274	0.00056 J	0.00072 J	***22.8***	0.001 U	16.2	***1.06***
WSAMM_W5040301N	3/1/2004	0.0025 U	0.00628	0.0369	0.001 U	0.0005 U	37.5	0.00265	0.00052 J	0.00045 J	***22.9***	0.001 U	15.9	***1.03***
WSAMM_W5041005N	10/5/2004	0.0025 U	0.00706	0.038	0.001 U	0.0005 U	39.3	0.00358	0.00089 J	0.00063 J	***27.7***	0.001 U	17.7	***1.13***
W6														
WSAMM_W6030528N	5/28/2003	0.0025 U	***0.0857***	0.0785	0.001 U	0.0005 U	83.3	0.00592	0.00123	0.0015 J	***8.13***	0.00022 J	21.3	***1.55***
WSAMM_W6030922N	9/22/2003	0.0025 U	***0.142***	0.0762	0.001 U	0.0005 U	67	0.00605	0.00069 J	0.0011 J	***10.4***	0.001 U	16.8	***1.19***
WSAMM_W6040301N	3/1/2004	0.0025 U	***0.0572***	0.0592	0.001 U	0.0005 U	49.3	0.00424	0.00143	0.00507	***3.84***	0.001 U	14.9	***0.789***
WSAMM_W6041005FR	10/5/2004	0.0025 U	***0.125***	0.0701	0.001 U	0.0005 U	67.2	0.00631	0.00057 J	0.00069 J	***10.9***	0.001 U	16.6	***1.22***
WSAMM_W6041005N	10/5/2004	0.0025 U	***0.123***	0.0719	0.001 U	0.0005 U	69.1	0.00604	0.00057 J	0.00084 J	***11.1***	0.001 U	17	***1.24***
W7A														
WSAMM_W7A030527N	5/27/2003	0.0025 U	0.0011 J	0.0415	0.001 U	0.00019 J	36.7	0.00288	0.0209	0.0103	***2.05***	0.00046 J	13.5	***0.365***
WSAMM_W7A030916N	9/16/2003	0.0025 U	0.001 J	0.0518	0.001 U	0.00017 J	43.7	0.00238	0.0188	0.00714	***2.04***	0.001 U	16.2	***0.57***
WSAMM_W7A040224N	2/24/2004	0.0025 U	0.0014 J	0.0508	0.001 U	0.00014 J	45.1	0.00355	0.0147	0.0107	***3.91***	0.001 U	18.3	***0.457***
WSAMM_W7A041005N	10/5/2004	0.0025 U	0.0015 J	0.0287	0.001 U	0.0005 U	26.4	0.00275	0.00581	0.00844	***3.49***	0.001 U	11.7	***0.302***
W7B														
WSAMM_W7B030527N	5/27/2003	0.0025 U	0.001 J	0.0429	0.001 U	0.0002 J	35.5	0.00279	0.0235	0.0103	***2.29***	0.001 U	14.3	***0.442***
WSAMM_W7B030916N	9/16/2003	0.0025 U	0.00083 J	0.0519	0.001 U	0.0003 J	41.1	0.00265	0.0288	0.00903	***2.07***	0.001 U	15.6	***0.436***
WSAMM_W7B040224N	2/24/2004	0.0025 U	0.00058 J	0.0556	0.0003 J	0.00045 J	50.1	0.00596	0.0366	0.0214	***0.469***	0.00032 J	14.3	***0.287***
WSAMM_W7B041005N	10/5/2004	0.0025 U	0.00093 J	0.0289	0.001 U	0.00018 J	23	0.00291	0.0121	0.00883	***3.74***	0.00037 J	9.81	***0.281***
W8														
WSAMM_W8030922N	9/22/2003	0.00057 J	***0.02***	0.0176	0.001 U	0.0005 U	6.37	0.0013 J	0.00028 J	0.00324	0.1 J	0.001 U	3.57	0.0403
WSAMM_W8040302N	3/2/2004	0.0025 U	0.0041	0.0202	0.001 U	0.0005 U	6.83	0.00093 J	0.00034 J	0.0019 J	***0.302***	0.0003 J	4.05	***0.0765***
WSAMM_W8041006N	10/6/2004	0.0025 U	0.00416	0.0319	0.001 U	0.0005 U	16.1	0.00053 J	0.00069 J	0.00287	***0.448***	0.00022 J	8.62	***0.259***
blank_atm														
WSAMM_AtmBlk030513AB	5/13/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	0.25 U	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	0.15 U	0.001 U
WSAMM_AtmBlk030519AB	5/19/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	0.25 U	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	0.15 U	0.001 U
WSAMM_AtmBlk030520AB	5/20/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_AtmBlk030527AB	5/27/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_AtmBlk030528AB	5/28/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
blank_carboy														
WSAMM_CbBlk030513CB	5/13/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	0.25 U	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	0.15 U	**0.00037 J**
WSAMM_CbBlk030514CB	5/14/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	0.25 U	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	0.15 U	0.001 U
WSAMM_CbBlk030519CB	5/19/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_CbBlk030520CB	5/20/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_CbBlk030527CB	5/27/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_CbBlk030528CB	5/28/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
blank_equip														
WSAMM_EqBlk030204EB	2/4/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	0.25 U	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	0.15 U	0.001 U
WSAMM_EqBlk030513EB	5/13/2003	0.0025 U	0.0025 U	**0.0002 J**	0.001 U	0.0005 U	0.25 U	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	0.15 U	**0.0154**
WSAMM_EqBlk030514EB	5/14/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	0.25 U	0.002 U	0.001 U	0.002 U	0.25 U	0.001 U	0.15 U	0.001 U
WSAMM_EqBlk030519EB	5/19/2003	0.0025 U	U	**0.00029 J**	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_EqBlk030520EB	5/20/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_EqBlk030527EB	5/27/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U
WSAMM_EqBlk030528EB	5/28/2003	0.0025 U	0.0025 U	0.001 U	0.001 U	0.0005 U	--	0.002 U	0.001 U	0.002 U	--	0.001 U	--	0.001 U

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Sample ID	Sample Date	MERCURY mg/L	MOLYBDENUM mg/L	NICKEL mg/L	SELENIUM mg/L	SILVER mg/L	SODIUM mg/L	THALLIUM mg/L	VANADIUM (FUME OR DUST) mg/L	ZINC mg/L
L1A										
WSAMM_L1A030522N	5/22/2003	0.000000901	0.0025 U	0.00086 J	0.0075 U	0.001 U	6.71	0.001 U	0.0014 J	0.00079 J
WSAMM_L1A030915FR	9/15/2003	0.00000039 J	0.0025 U	0.00045 J	0.0075 U	0.001 U	6.37	0.001 U	0.0013 J	0.0032
WSAMM_L1A030915N	9/15/2003	0.00000047 J	0.0025 U	0.00047 J	0.0075 U	0.001 U	6.43	0.001 U	0.0014 J	0.0011 J
WSAMM_L1A040223N	2/23/2004	0.000000524	0.0025 U	0.00042 J	0.0075 U	0.001 U	6.68	0.001 U	0.0014 J	0.00681
WSAMM_L1A041004N	10/4/2004	0.00000054 B	0.0025 U	0.0015 U	0.0075 U	0.001 U	6.66	0.001 U	0.0013 J	0.00092 J
L1B										
WSAMM_L1B030522N	5/22/2003	0.00000912	0.0025 U	0.0109	0.0075 U	0.001 U	9.18	0.001 U	0.00328	0.00541
WSAMM_L1B030915N	9/15/2003	0.00000876	0.0025 U	0.0133	0.0075 U	0.001 U	8.2	0.001 U	0.00305	0.0006 J
WSAMM_L1B040223N	2/23/2004	0.0000096	0.0025 U	0.0107	0.0075 U	0.001 U	8.08	0.001 U	0.00293	0.00057 J
WSAMM_L1B041004FR	10/4/2004	0.00000615	0.0025 U	0.0119	0.0075 U	0.001 U	8.23	0.001 U	0.00305	0.00052 J
WSAMM_L1B041004N	10/4/2004	0.00000828	0.0025 U	0.012	0.0075 U	0.001 U	7.94	0.001 U	0.00319	0.00076 J
L2A										
WSAMM_L2A030528N	5/28/2003	0.00000524	0.0025 U	0.00824	0.0075 U	0.001 U	9.16	0.001 U	0.00187	0.0018 J
WSAMM_L2A030916N	9/16/2003	0.00000266	0.0025 U	0.00781	0.0075 U	0.001 U	8.66	0.001 U	0.00261	0.0019 J
WSAMM_L2A040223N	2/23/2004	0.00000389	0.0025 U	0.0091	0.0075 U	0.001 U	9.79	0.001 U	0.0015 J	0.00968
WSAMM_L2A041004N	10/4/2004	0.00000179 B	0.0025 U	0.00828	0.0075 U	0.001 U	9.39	0.001 U	0.00179	0.00803
L2B										
WSAMM_L2B030528N	5/28/2003	0.000000909	0.00074 J	0.00041 J	0.0075 U	0.001 U	16.4	0.001 U	0.00035 J	0.0025 U
WSAMM_L2B030916N	9/16/2003	0.0000005 U	0.00066 J	0.00039 J	0.0075 U	0.001 U	14.1	0.001 U	0.0015 U	0.0025 U
WSAMM_L2B040223FR	2/23/2004	0.0000005 U	0.00066 J	0.00037 J	0.0075 U	0.001 U	14.7	0.001 U	0.0003 J	0.0025 U
WSAMM_L2B040223N	2/23/2004	0.0000005 U	0.00064 J	0.00033 J	0.0075 U	0.001 U	14	0.001 U	0.0015 U	0.001 J
WSAMM_L2B041004N	10/4/2004	0.000000603 B	0.0007 J	0.00034 J	0.0075 U	0.001 U	14.4	0.001 U	0.0015 U	0.00289
M1A										
WSAMM_M1A030514N	5/14/2003	0.000000932	0.00938	0.0014 J	0.0075 U	0.001 U	***43.3***	0.001 U	0.0013 J	0.00078 J
WSAMM_M1A030923N	9/23/2003	0.000000748	0.0104	0.001 J	0.0075 U	0.001 U	***45.3***	0.001 U	0.00049 J	0.0025 U
WSAMM_M1A040304N	3/4/2004	0.000000578 B	0.00725	0.0012 J	0.0075 U	0.001 U	***40.5***	0.001 U	0.00067 J	0.0017 J
WSAMM_M1A041012N	10/12/2004	0.00000044 J	0.00768	0.00155	0.0075 U	0.001 U	***42.2***	0.001 U	0.00042 J	0.0268
M1B										
WSAMM_M1B030514N	5/14/2003	0.0000152	0.0012 J	0.00353	0.0075 U	0.001 U	16.2	0.001 U	0.00086 J	0.0984
WSAMM_M1B030923N	9/23/2003	0.0000166	0.0012 J	0.00366	0.0075 U	0.001 U	15.1	0.001 U	0.00062 J	0.0125
WSAMM_M1B040303N	3/3/2004	0.00000994	0.0011 J	0.00314	0.0075 U	0.001 U	15.1	0.001 U	0.00058 J	0.0045
WSAMM_M1B041012N	10/12/2004	0.0000106	0.0012 J	0.00401	0.0075 U	0.001 U	16.3	0.001 U	0.00066 J	0.058
M2A										
WSAMM_M2A030204N	2/4/2003	0.0006 U	0.0016 J	0.00192	0.0075 U	0.001 U	***21.7***	0.001 U	0.00085 J	0.0268
WSAMM_M2A030513N	5/13/2003	0.00000156	0.00409	0.00404	0.0075 U	0.001 U	***22***	0.001 U	0.00161	0.0276
WSAMM_M2A030924N	9/24/2003	0.00000045 J	0.0025 U	0.00164	0.0075 U	0.001 U	***22.8***	0.001 U	0.00051 J	0.0107
WSAMM_M2A040225N	2/25/2004	0.00000058	0.0025 U	0.0015 J	0.0075 U	0.001 U	***20.6***	0.001 U	0.0005 J	0.00782
WSAMM_M2A041012N	10/12/2004	0.00000044 J	0.00057 J	0.00176	0.0075 U	0.001 U	***23.9***	0.001 U	0.0007 J	0.0174
M2B										
WSAMM_M2B030515FR	5/15/2003	0.00000355	0.00077 J	0.00227	0.0075 U	0.001 U	13.9	0.001 U	0.0011 J	0.00071 J
WSAMM_M2B030515N	5/15/2003	0.00000342	0.00078 J	0.00228	0.0075 U	0.001 U	14	0.001 U	0.0011 J	0.0008 J
WSAMM_M2B030924N	9/24/2003	0.00000145	0.00084 J	0.00215	0.0075 U	0.001 U	16	0.001 U	0.00077 J	0.00055 J
WSAMM_M2B040225N	2/25/2004	0.00000124	0.00061 J	0.00174	0.0075 U	0.001 U	13.8	0.001 U	0.00072 J	0.0025 U
WSAMM_M2B041012N	10/12/2004	0.00000103	0.00069 J	0.00211	0.0075 U	0.001 U	17.1	0.001 U	0.00079 J	0.00095 J

Table A-3
Analytical Results -- Metals
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Sample ID	Sample Date	MERCURY mg/L	MOLYBDENUM mg/L	NICKEL mg/L	SELENIUM mg/L	SILVER mg/L	SODIUM mg/L	THALLIUM mg/L	VANADIUM (FUME OR DUST) mg/L	ZINC mg/L
M3										
WSAMM_M3030519N	5/19/2003	0.00000195	0.0025 U	0.0015 J	0.0075 U	0.001 U	12.6	0.001 U	0.00159	0.00074 J
WSAMM_M3030924FR	9/24/2003	0.000000813	0.0025 U	0.00094 J	0.0075 U	0.001 U	12	0.001 U	0.00099 J	0.00064 J
WSAMM_M3030924N	9/24/2003	0.000000813	0.0025 U	0.00096 J	0.0075 U	0.001 U	12.2	0.001 U	0.001 J	0.00053 J
WSAMM_M3040303N	3/3/2004	0.000000971 B	0.0025 U	0.001 J	0.0075 U	0.001 U	12.6	0.001 U	0.0011 J	0.0025 U
WSAMM_M3041018N	10/18/2004	0.00000114	0.0025 U	0.001 J	0.0075 U	0.001 U	13.2	0.001 U	0.0011 J	0.0007 J
M4										
WSAMM_M4030519N	5/19/2003	0.00000263	0.0015 J	0.00287	0.0075 U	0.001 U	12.5	0.001 U	0.0013 J	0.0106
WSAMM_M4030923N	9/23/2003	0.00000104	0.0015 J	0.00184	0.0075 U	0.001 U	11.7	0.001 U	0.00046 J	0.0021 J
WSAMM_M4040303N	3/3/2004	0.000000704 B	0.0014 J	0.00194	0.0075 U	0.001 U	12.3	0.001 U	0.00045 J	0.0146
WSAMM_M40410018FR	10/18/2004	0.00000188	0.0014 J	0.00175	0.0075 U	0.001 U	11.8	0.001 U	0.00057 J	0.0012 J
WSAMM_M4041018N	10/18/2004	0.00000176	0.0013 J	0.00177	0.0075 U	0.001 U	12.2	0.001 U	0.00056 J	0.0014 J
W1A										
WSAMM_W1A030922N	9/22/2003	0.0000005 U	0.0017 J	0.00035 J	0.0075 U	0.001 U	19.6	0.001 U	0.0015 U	0.0025 U
WSAMM_W1A040302N	3/2/2004	0.00000048 J	0.0015 J	0.00038 J	0.0075 U	0.001 U	***20.7***	0.001 U	0.00033 J	0.0025 U
WSAMM_W1A041006N	10/6/2004	0.0000005 U	0.0015 J	0.0015 U	0.0075 U	0.001 U	***20.8***	0.001 U	0.0015 U	0.0025 U
W1B										
WSAMM_W1B030521N	5/21/2003	0.00000118	0.00053 J	0.00499	0.0075 U	0.001 U	10.8	0.001 U	0.00088 J	0.00051 J
WSAMM_W1B030922N	9/22/2003	0.0000005 U	0.00058 J	0.00303	0.0075 U	0.001 U	11.5	0.001 U	0.00062 J	0.0025 U
WSAMM_W1B040302N	3/2/2004	0.000000645	0.0025 U	0.00484	0.0075 U	0.001 U	10.3	0.001 U	0.0011 J	0.0025 U
WSAMM_W1B041006N	10/6/2004	0.0000005 U	0.00051 J	0.00511	0.0075 U	0.001 U	11.5	0.001 U	0.0012 J	0.00435
W2A										
WSAMM_W2A030204N	2/4/2003	0.0006 U	0.0025 U	0.00932	0.0075 U	0.001 U	3.86	0.001 U	0.0014 J	0.0017 J
WSAMM_W2A030520N	5/20/2003	0.00000049 J	0.0025 U	0.00593	0.0075 U	0.001 U	3.95	0.001 U	0.00232	0.0013 J
WSAMM_W2A030917FR	9/17/2003	0.00000025 J	0.0025 U	0.00469	0.0075 U	0.001 U	3.37	0.001 U	0.0013 J	0.0024 J
WSAMM_W2A030917N	9/17/2003	0.00000024 J	0.0025 U	0.0043	0.0075 U	0.001 U	3.33	0.001 U	0.0013 J	0.00613
WSAMM_W2A040301N	3/1/2004	0.0000005 U	0.0025 U	0.0124	0.0075 U	0.001 U	3.67	0.001 U	0.00248	0.0022 J
WSAMM_W2A041011N	10/11/2004	0.0000005 U	0.00055 J	0.00388	0.0075 U	0.001 U	3.69	0.001 U	0.00217	0.00305
W2B										
WSAMM_W2B030520N	5/20/2003	0.000000743	0.00064 J	0.0263	0.0075 U	0.001 U	5.7	0.001 U	0.0244	0.0252
WSAMM_W2B030917N	9/17/2003	0.00000027 J	0.0025 U	0.00566	0.0075 U	0.001 U	4.6	0.001 U	0.0012 J	0.0011 J
WSAMM_W2B040301N	3/1/2004	0.00000043 J	0.0025 U	0.0235	0.0075 U	0.001 U	3.93	0.001 U	0.0016	0.00588
WSAMM_W2B041011N	10/11/2004	0.0000005 U	0.00055 J	0.00913	0.0075 U	0.001 U	4.15	0.001 U	0.0014 J	0.0016 J
W4D										
WSAMM_W4D030521N	5/21/2003	0.00000042 J	0.026	0.0011 J	0.0075 U	0.001 U	***56.8***	0.001 U	0.00047 J	0.0009 J
WSAMM_W4D030917N	9/17/2003	0.00000032 J	0.0281	0.00095 J	0.0075 U	0.001 U	***61.2***	0.001 U	0.0003 J	0.0025 U
WSAMM_W4D040224FR	2/24/2004	0.000000534	0.0241	0.00081 J	0.0075 U	0.001 U	***59.6***	0.001 U	0.0015 U	0.0025 U
WSAMM_W4D040224N	2/24/2004	0.00000035 J	0.0247	0.00079 J	0.0075 U	0.001 U	***58.5***	0.001 U	0.0015 U	0.0025 U
WSAMM_W4D041011N	10/11/2004	0.0000005 U	0.0243	0.00091 J	0.0075 U	0.001 U	***60.8***	0.001 U	0.00035 J	0.0024 J
W4S										
WSAMM_W4S030521N	5/21/2003	0.000000938	0.0025 U	0.0013 J	0.0075 U	0.001 U	5.88	0.001 U	0.00926	0.0025 U
WSAMM_W4S030917N	9/17/2003	0.00000024 J	0.0025 U	0.0013 J	0.0075 U	0.001 U	6.29	0.001 U	0.00897	0.0025 U
WSAMM_W4S040224N	2/24/2004	0.0000005 U	0.0025 U	0.0012 J	0.0075 U	0.001 U	6.32	0.001 U	0.00692	0.0015 J
WSAMM_W4S041011N	10/11/2004	0.0000005 U	0.0025 U	0.0012 J	0.0075 U	0.001 U	6.03	0.001 U	0.00859	0.0012 J

Table A-3
Analytical Results -- Metals
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Sample ID	Sample Date	MERCURY mg/L	MOLYBDENUM mg/L	NICKEL mg/L	SELENIUM mg/L	SILVER mg/L	SODIUM mg/L	THALLIUM mg/L	VANADIUM (FUME OR DUST) mg/L	ZINC mg/L
W5										
WSAMM_W5030529N	5/29/2003	0.00000193	0.0025 U	0.00304	0.0075 U	0.001 U	10.1	0.001 U	0.00473	0.0016 J
WSAMM_W5030917N	9/17/2003	0.00000125	0.00052 J	0.00252	0.0075 U	0.001 U	11.1	0.001 U	0.00293	0.0012 J
WSAMM_W5040301FR	3/1/2004	0.000000865	0.0025 U	0.00275	0.0075 U	0.001 U	8.59	0.001 U	0.00837	0.00088 J
WSAMM_W5040301N	3/1/2004	0.00000049 J	0.0025 U	0.00227	0.0075 U	0.001 U	8.44	0.001 U	0.00819	0.00076 J
WSAMM_W5041005N	10/5/2004	0.00000111 B	0.0025 U	0.00282	0.0075 U	0.001 U	8.44	0.001 U	0.00923	0.0018 J
W6										
WSAMM_W6030528N	5/28/2003	0.00000304	0.00791	0.00626	0.0075 U	0.001 U	***24.5***	0.001 U	0.0115	0.00334
WSAMM_W6030922N	9/22/2003	0.00000186	0.00906	0.00325	0.0075 U	0.001 U	***30***	0.001 U	0.0156	0.0011 J
WSAMM_W6040301N	3/1/2004	0.00000207	0.00564	0.0111	0.0075 U	0.001 U	***26.6***	0.001 U	0.0128	0.0019 J
WSAMM_W6041005FR	10/5/2004	0.00000167 B	0.007	0.00302	0.0075 U	0.001 U	***30.4***	0.001 U	0.0172	0.00075 J
WSAMM_W6041005N	10/5/2004	0.00000204 B	0.00749	0.00298	0.0075 U	0.001 U	***30.1***	0.001 U	0.0164	0.0011 J
W7A										
WSAMM_W7A030527N	5/27/2003	0.00000717	0.0025 U	0.0879	0.0075 U	0.001 U	8.65	0.001 U	0.00062 J	0.0249
WSAMM_W7A030916N	9/16/2003	0.0000046	0.0025 U	0.12	0.0075 U	0.001 U	9.11	0.001 U	0.00046 J	0.0192
WSAMM_W7A040224N	2/24/2004	0.00000827	0.0025 U	0.0741	0.0075 U	0.001 U	8.96	0.001 U	0.00065 J	0.0153
WSAMM_W7A041005N	10/5/2004	0.00000972	0.0025 U	0.0428	0.0075 U	0.001 U	7.22	0.001 U	0.00061 J	0.00764
W7B										
WSAMM_W7B030527N	5/27/2003	0.00000668	0.0025 U	0.103	0.0075 U	0.001 U	9.03	0.001 U	0.00055 J	0.0333
WSAMM_W7B030916N	9/16/2003	0.00000469	0.0025 U	0.117	0.0075 U	0.001 U	9.23	0.001 U	0.00063 J	0.0304
WSAMM_W7B040224N	2/24/2004	0.0000178	0.0025 U	0.123	0.0075 U	0.001 U	8.22	0.001 U	0.0015 J	0.044
WSAMM_W7B041005N	10/5/2004	0.00000785	0.0025 U	0.0613	0.0075 U	0.001 U	7.21	0.001 U	0.0019	0.0149
W8										
WSAMM_W8030922N	9/22/2003	0.00000587 H	0.0053	0.0075	0.0075 U	0.001 U	***70.2***	0.001 U	0.00573	0.0018 J
WSAMM_W8040302N	3/2/2004	0.00000137	0.00543	0.00416	0.0075 U	0.001 U	***73.6***	0.001 U	0.0013 J	0.0023 J
WSAMM_W8041006N	10/6/2004	0.00000134	0.00416	0.00478	0.0075 U	0.001 U	***74.7***	0.001 U	0.0011 J	0.00288
blank_atm										
WSAMM_AtmBlk030513AB	5/13/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	2.5 U	0.001 U	0.0015 U	0.0025 U
WSAMM_AtmBlk030519AB	5/19/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	2.5 U	0.001 U	0.0015 U	0.0025 U
WSAMM_AtmBlk030520AB	5/20/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_AtmBlk030527AB	5/27/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_AtmBlk030528AB	5/28/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
blank_carboy										
WSAMM_CbBlk030513CB	5/13/2003	**0.00000022 J**	0.0025 U	0.0015 U	0.0075 U	0.001 U	2.5 U	0.001 U	0.0015 U	0.0025 U
WSAMM_CbBlk030514CB	5/14/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	2.5 U	0.001 U	0.0015 U	0.0025 U
WSAMM_CbBlk030519CB	5/19/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_CbBlk030520CB	5/20/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_CbBlk030527CB	5/27/2003	**0.00000045 J**	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_CbBlk030528CB	5/28/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
blank_equip										
WSAMM_EqBlk030204EB	2/4/2003	0.0006 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	2.5 U	0.001 U	0.0015 U	**0.0012 J**
WSAMM_EqBlk030513EB	5/13/2003	**0.0000002 J**	0.0025 U	0.0015 U	0.0075 U	0.001 U	2.5 U	0.001 U	0.0015 U	0.0025 U
WSAMM_EqBlk030514EB	5/14/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	2.5 U	0.001 U	0.0015 U	0.0025 U
WSAMM_EqBlk030519EB	5/19/2003	**0.00000022 J**	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_EqBlk030520EB	5/20/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_EqBlk030527EB	5/27/2003	**0.00000035 J**	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U
WSAMM_EqBlk030528EB	5/28/2003	0.0000005 U	0.0025 U	0.0015 U	0.0075 U	0.001 U	--	0.001 U	0.0015 U	0.0025 U

Table A-4
Analytical Results -- Volatile Organic Compounds
Sammamish River Valley Groundwater Study
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Sample ID	Sample Date	1,1,1-TRICHLOROETHANE ug/L	1,1,2,2-TETRACHLOROETHANE ug/L	1,1,2-TRICHLOROETHANE ug/L	1,1-DICHLOROETHANE ug/L	1,1-DICHLOROETHYLENE ug/L	1,2-DICHLOROETHANE ug/L	1,2-DICHLOROPROPANE ug/L	2-BUTANONE ug/L	2-CHLOROETHYL VINYL ETHER ug/L	4-CHLOROPHENYL PHENYL ETHER ug/L	4-METHYL-2-PENTANONE ug/L	ACETONE ug/L	ACROLEIN ug/L	ACRYLONITRILE ug/L	BENZENE ug/L	BROMODICHLOROMETHANE ug/L	BROMOMETHANE ug/L	CARBON DISULFIDE ug/L	CARBON TETRACHLORIDE ug/L
L1A																				
WSAMM_L1A030522N	5/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L1A030915FR	9/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L1A030915N	9/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L1A040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L1A041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
L1B																				
WSAMM_L1B030522N	5/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L1B030915N	9/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L1B040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L1B041004FR	10/4/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
WSAMM_L1B041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
L2A																				
WSAMM_L2A030528N	5/28/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L2A030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L2A040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L2A041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
L2B																				
WSAMM_L2B030528N	5/28/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L2B030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L2B040223FR	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L2B040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_L2B041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
M1A																				
WSAMM_M1A030514N	5/14/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M1A030923N	9/23/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M1A040304N	3/4/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M1A041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
M1B																				
WSAMM_M1B030514N	5/14/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M1B030923N	9/23/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M1B040303N	3/3/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M1B041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
M2A																				
WSAMM_M2A030513N	5/13/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M2A030924N	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M2A040225N	2/25/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M2A041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
M2B																				
WSAMM_M2B030515FR	5/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M2B030515N	5/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M2B030924N	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M2B040225N	2/25/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M2B041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
M3																				
WSAMM_M3030519N	5/19/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M3030924FR	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M3030924N	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M3040303N	3/3/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M3041018N	10/18/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
M4																				
WSAMM_M4030519N	5/19/2003	1.2 J	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M4030923N	9/23/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M4040303N	3/3/2004	1.1 J	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_M40410018FR	10/18/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
WSAMM_M4041018N	10/18/2004	1 J	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U

Table A-4
Analytical Results -- Volatile Organic Compounds
Sammamish River Valley Groundwater Study
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Sample ID	Sample Date	1,1,1-TRICHLOROETHANE ug/L	1,1,2,2-TETRACHLOROETHANE ug/L	1,1,2-TRICHLOROETHANE ug/L	1,1-DICHLOROETHANE ug/L	1,1-DICHLOROETHYLENE ug/L	1,2-DICHLOROETHANE ug/L	1,2-DICHLOROPROPANE ug/L	2-BUTANONE ug/L	2-CHLOROETHYL VINYL ETHER ug/L	4-CHLOROPHENYL PHENYL ETHER ug/L	4-METHYL-2-PENTANONE ug/L	ACETONE ug/L	ACROLEIN ug/L	ACRYLONITRILE ug/L	BENZENE ug/L	BROMODICHLOROMETHANE ug/L	BROMOMETHANE ug/L	CARBON DISULFIDE ug/L	CARBON TETRACHLORIDE ug/L
W1A																				
WSAMM_W1A030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W1A040302N	3/2/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W1A041006N	10/6/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W1B																				
WSAMM_W1B030521N	5/21/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W1B030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W1B040302N	3/2/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W1B041006N	10/6/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W2A																				
WSAMM_W2A030520N	5/20/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W2A030917FR	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W2A030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W2A040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W2A041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W2B																				
WSAMM_W2B030520N	5/20/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W2B030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W2B040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W2B041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W4D																				
WSAMM_W4D030521N	5/21/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W4D030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W4D040224FR	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W4D040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W4D041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W4S																				
WSAMM_W4S030521N	5/21/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W4S030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W4S040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W4S041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W5																				
WSAMM_W5030529N	5/29/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W5030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W5040301FR	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W5040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W5041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W6																				
WSAMM_W6030528N	5/28/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W6030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W6040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W6041005FR	10/5/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
WSAMM_W6041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W7A																				
WSAMM_W7A030527N	5/27/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W7A030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W7A040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W7A041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W7B																				
WSAMM_W7B030527N	5/27/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W7B030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W7B040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W7B041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U
W8																				
WSAMM_W8030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W8040303N	3/3/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
WSAMM_W8041006N	10/6/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	10 U	10 U	10 U	10 U	2 U	2 U	10 U	2 U	2 U

Table A-4
Analytical Results -- Volatile Organic Compounds
Sammamish River Valley Groundwater Study
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Sample ID	Sample Date	CFC-11 ug/L	CHLOROBENZENE ug/L	CHLORODIBROMOMETHANE ug/L	CHLOROETHANE ug/L	CHLOROFORM ug/L	CHLOROMETHANE ug/L	CIS-1,3-DICHLOROPROPENE ug/L	DICHLOROMETHANE ug/L	ETHYLBENZENE ug/L	METHYLBENZENE ug/L	STYRENE (MONOMER) ug/L	TETRACHLOROETHYLENE ug/L	TOTAL XYLENE ug/L	TRANS-1,2-DICHLOROETHENE ug/L	TRANS-1,3-DICHLOROPROPENE ug/L	TRIBOMOMETHANE ug/L	TRICHLOROETHENE ug/L	VINYL ACETATE ug/L	VINYL CHLORIDE ug/L
L1A																				
WSAMM_L1A030522N	5/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1A030915FR	9/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1A030915N	9/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1A040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1A041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
L1B																				
WSAMM_L1B030522N	5/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1B030915N	9/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1B040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1B041004FR	10/4/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L1B041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
L2A																				
WSAMM_L2A030528N	5/28/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L2A030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L2A040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L2A041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
L2B																				
WSAMM_L2B030528N	5/28/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L2B030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L2B040223FR	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L2B040223N	2/23/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_L2B041004N	10/4/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
M1A																				
WSAMM_M1A030514N	5/14/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M1A030923N	9/23/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M1A040304N	3/4/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M1A041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
M1B																				
WSAMM_M1B030514N	5/14/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M1B030923N	9/23/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M1B040303N	3/3/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M1B041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
M2A																				
WSAMM_M2A030513N	5/13/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M2A030924N	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M2A040225N	2/25/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M2A041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
M2B																				
WSAMM_M2B030515FR	5/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M2B030515N	5/15/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M2B030924N	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M2B040225N	2/25/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M2B041012N	10/12/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
M3																				
WSAMM_M3030519N	5/19/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M3030924FR	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M3030924N	9/24/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M3040303N	3/3/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M3041018N	10/18/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
M4																				
WSAMM_M4030519N	5/19/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M4030923N	9/23/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M4040303N	3/3/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M40410018FR	10/18/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_M4041018N	10/18/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U

Table A-4
Analytical Results -- Volatile Organic Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	CFC-11 ug/L	CHLOROBENZENE ug/L	CHLORODIBROMOMETHANE ug/L	CHLOROETHANE ug/L	CHLOROFORM ug/L	CHLOROMETHANE ug/L	CIS-1,3-DICHLOROPROPENE ug/L	DICHLOROMETHANE ug/L	ETHYLBENZENE ug/L	METHYLBENZENE ug/L	STYRENE (MONOMER) ug/L	TETRACHLOROETHYLENE ug/L	TOTAL XYLENE ug/L	TRANS-1,2-DICHLOROETHENE ug/L	TRANS-1,3-DICHLOROPROPENE ug/L	TRIBOMOMETHANE ug/L	TRICHLOROETHENE ug/L	VINYL ACETATE ug/L	VINYL CHLORIDE ug/L
W1A																				
WSAMM_W1A030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W1A040302N	3/2/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W1A041006N	10/6/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W1B																				
WSAMM_W1B030521N	5/21/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	3.44	10 U	2 U
WSAMM_W1B030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	4.25	10 U	2 U
WSAMM_W1B040302N	3/2/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	4.16	10 U	2 U
WSAMM_W1B041006N	10/6/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	3.34	10 U	2 U
W2A																				
WSAMM_W2A030520N	5/20/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W2A030917FR	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W2A030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W2A040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W2A041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W2B																				
WSAMM_W2B030520N	5/20/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W2B030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W2B040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W2B041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W4D																				
WSAMM_W4D030521N	5/21/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W4D030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W4D040224FR	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W4D040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W4D041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W4S																				
WSAMM_W4S030521N	5/21/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W4S030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W4S040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W4S041011N	10/11/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W5																				
WSAMM_W5030529N	5/29/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W5030917N	9/17/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W5040301FR	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W5040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W5041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W6																				
WSAMM_W6030528N	5/28/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W6030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W6040301N	3/1/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W6041005FR	10/5/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W6041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W7A																				
WSAMM_W7A030527N	5/27/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W7A030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W7A040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W7A041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W7B																				
WSAMM_W7B030527N	5/27/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W7B030916N	9/16/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W7B040224N	2/24/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W7B041005N	10/5/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
W8																				
WSAMM_W8030922N	9/22/2003	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2.76	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W8040303N	3/3/2004	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U
WSAMM_W8041006N	10/6/2004	2 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	2 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	1,2,4-TRICHLOROBENZENE ug/L	1,2-BENZPHENANTHRACENE ug/L	1,2-DICHLOROBENZENE ug/L	1,2-DIPHENYLHYDRAZINE ug/L	1,4-DICHLOROBENZENE ug/L	2,4,5-TRICHLOROPHENOL ug/L	2,4,6-TRICHLOROPHENOL ug/L	2,4-DICHLOROPHENOL ug/L	2,4-DIMETHYLPHENOL ug/L	2,4-DINITROPHENOL ug/L	2,4-DINITROTOLUENE ug/L	2,6-DINITROTOLUENE ug/L	2-CHLORONAPHTHALENE ug/L	2-CHLOROPHENOL ug/L	2-METHYLNAPHTHALENE ug/L	2-METHYLPHENOL, O-CRESOL ug/L	2-NITROANILINE ug/L	2-NITROPHENOL ug/L	3,3'-DICHLOROBENZIDINE ug/L
L1A																				
WSAMM_L1A030522N	5/22/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L1A030915FR	9/15/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L1A030915N	9/15/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L1A040223N	2/23/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L1A041004N	10/4/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
L1B																				
WSAMM_L1B030522N	5/22/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L1B030915N	9/15/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L1B040223N	2/23/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L1B041004FR	10/4/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_L1B041004N	10/4/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
L2A																				
WSAMM_L2A030528N	5/28/2003	0.0952 U	0.0476 U	0.019 U	0.19 U	0.019 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_L2A030916N	9/16/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L2A040223N	2/23/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L2A041004N	10/4/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
L2B																				
WSAMM_L2B030528N	5/28/2003	0.0952 U	0.0476 U	0.019 U	0.19 U	0.019 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_L2B030916N	9/16/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_L2B040223FR	2/23/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L2B040223N	2/23/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_L2B041004N	10/4/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
M1A																				
WSAMM_M1A030514N	5/14/2003	0.0943 U	0.02 J	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M1A030923N	9/23/2003	0.0962 U	0.0481 U	0.0962 U	0.192 U	0.0962 U	1.92 U	1.92 U	0.481 U	0.481 U	4.81 U	1.92 U	1.92 U	0.0481 U	0.0481 U	0.0962 U	0.24 U	1.92 U	0.481 U	0.192 U
WSAMM_M1A040304N	3/4/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_M1A041012N	10/12/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
M1B																				
WSAMM_M1B030514N	5/14/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M1B030923N	9/23/2003	0.0962 U	0.0481 U	0.0962 U	0.192 U	0.0962 U	1.92 U	1.92 U	0.481 U	0.481 U	4.81 U	1.92 U	1.92 U	0.0481 U	0.0481 U	0.0962 U	0.24 U	1.92 U	0.481 U	0.192 U
WSAMM_M1B040303N	3/3/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M1B041012N	10/12/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
M2A																				
WSAMM_M2A030513N	5/13/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M2A030924N	9/24/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_M2A040225N	2/25/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_M2A041012N	10/12/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
M2B																				
WSAMM_M2B030515FR	5/15/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M2B030515N	5/15/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M2B030924N	9/24/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M2B040225N	2/25/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_M2B041012N	10/12/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
M3																				
WSAMM_M3030519N	5/19/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M3030924FR	9/24/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_M3030924N	9/24/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M3040303N	3/3/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M3041018N	10/18/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
M4																				
WSAMM_M4030519N	5/19/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M4030923N	9/23/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_M4040303N	3/3/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_M40410018FR	10/18/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_M4041018N	10/18/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	1,2,4-TRICHLOROBENZENE ug/L	1,2-BENZPHENANTHRACENE ug/L	1,2-DICHLOROBENZENE ug/L	1,2-DIPHENYLHYDRAZINE ug/L	1,4-DICHLOROBENZENE ug/L	2,4,5-TRICHLOROPHENOL ug/L	2,4,6-TRICHLOROPHENOL ug/L	2,4-DICHLOROPHENOL ug/L	2,4-DIMETHYLPHENOL ug/L	2,4-DINITROPHENOL ug/L	2,4-DINITROTOLUENE ug/L	2,6-DINITROTOLUENE ug/L	2-CHLORONAPHTHALENE ug/L	2-CHLOROPHENOL ug/L	2-METHYLNAPHTHALENE ug/L	2-METHYLPHENOL, O-CRESOL ug/L	2-NITROANILINE ug/L	2-NITROPHENOL ug/L	3,3'-DICHLOROBENZIDINE ug/L
W1A																				
WSAMM_W1A030922N	9/22/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W1A040302N	3/2/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W1A041006N	10/6/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
W1B																				
WSAMM_W1B030521N	5/21/2003	0.0952 U	0.0476 U	0.019 U	0.19 U	0.019 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W1B030922N	9/22/2003	0.0962 U	0.0481 U	0.0962 U	0.192 U	0.0962 U	1.92 U	1.92 U	0.481 U	0.481 U	4.81 U	1.92 U	1.92 U	0.0481 U	0.0481 U	0.0962 U	0.24 U	1.92 U	0.481 U	0.192 U
WSAMM_W1B040302N	3/2/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W1B041006N	10/6/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
W2A																				
WSAMM_W2A030520N	5/20/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W2A030917FR	9/17/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W2A030917N	9/17/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W2A040301N	3/1/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W2A041011N	10/11/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
W2B																				
WSAMM_W2B030520N	5/20/2003	0.0952 U	0.0476 U	0.019 U	0.19 U	0.019 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W2B030917N	9/17/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W2B040301N	3/1/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W2B041011N	10/11/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
W4D																				
WSAMM_W4D030521N	5/21/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W4D030917N	9/17/2003	0.0962 U	0.0481 U	0.0962 U	0.192 U	0.0962 U	1.92 U	1.92 U	0.481 U	0.481 U	4.81 U	1.92 U	1.92 U	0.0481 U	0.0481 U	0.0962 U	0.24 U	1.92 U	0.481 U	0.192 U
WSAMM_W4D040224FR	2/24/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W4D040224N	2/24/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W4D041011N	10/11/2004	0.0943 U	0.189 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
W4S																				
WSAMM_W4S030521N	5/21/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W4S030917N	9/17/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W4S040224N	2/24/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W4S041011N	10/11/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
W5																				
WSAMM_W5030529N	5/29/2003	0.0952 U	0.0476 U	0.019 U	0.19 U	0.019 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W5030917N	9/17/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W5040301FR	3/1/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W5040301N	3/1/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W5041005N	10/5/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
W6																				
WSAMM_W6030528N	5/28/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W6030922N	9/22/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W6040301N	3/1/2004	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W6041005FR	10/5/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W6041005N	10/5/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
W7A																				
WSAMM_W7A030527N	5/27/2003	0.0943 U	0.0472 U	0.0189 U	0.189 U	0.0189 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W7A030916N	9/16/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W7A040224N	2/24/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W7A041005N	10/5/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
W7B																				
WSAMM_W7B030527N	5/27/2003	0.0952 U	0.0476 U	0.019 U	0.19 U	0.019 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W7B030916N	9/16/2003	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W7B040224N	2/24/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W7B041005N	10/5/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
W8																				
WSAMM_W8030922N	9/22/2003	0.0952 U	0.0476 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U
WSAMM_W8040303N	3/3/2004	0.0943 U	0.0472 U	0.0943 U	0.189 U	0.0943 U	1.89 U	1.89 U	0.472 U	0.472 U	4.72 U	1.89 U	1.89 U	0.0472 U	0.0472 U	0.0943 U	0.236 U	1.89 U	0.472 U	0.189 U
WSAMM_W8041006N	10/6/2004	0.0952 U	0.19 U	0.0952 U	0.19 U	0.0952 U	1.9 U	1.9 U	0.476 U	0.476 U	4.76 U	1.9 U	1.9 U	0.0476 U	0.0476 U	0.0952 U	0.238 U	1.9 U	0.476 U	0.19 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
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Sample ID	Sample Date	3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE ug/L	3-METHYLPHENOL, M-CRESOL ug/L	3-NITROANILINE ug/L	4,6-DINITRO-2-METHYLPHENOL ug/L	4-BROMOPHENYL PHENYL ETHER ug/L	4-METHYLPHENOL, P-CRESOL ug/L	4-NITROPHENOL ug/L	ACENAPHTHYLENE ug/L	ACENAPTHALENE ug/L	ANILINE ug/L	ANTHRACENE ug/L	ATRAZINE ug/L	BENZIDINE ug/L	BENZO(A)ANTHRACENE ug/L	BENZO(A)PYRENE ug/L	BENZO(B)FLUORANTHENE ug/L	BENZO(G,H,I)PERYLENE ug/L	BENZO(K)FLUORANTHENE ug/L	BENZOIC ACID ug/L
L1A																				
WSAMM_L1A030522N	5/22/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L1A030915FR	9/15/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L1A030915N	9/15/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L1A040223N	2/23/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L1A041004N	10/4/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
L1B																				
WSAMM_L1B030522N	5/22/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L1B030915N	9/15/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L1B040223N	2/23/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L1B041004FR	10/4/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
WSAMM_L1B041004N	10/4/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
L2A																				
WSAMM_L2A030528N	5/28/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.98 J
WSAMM_L2A030916N	9/16/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L2A040223N	2/23/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L2A041004N	10/4/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
L2B																				
WSAMM_L2B030528N	5/28/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_L2B030916N	9/16/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_L2B040223FR	2/23/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L2B040223N	2/23/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_L2B041004N	10/4/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
M1A																				
WSAMM_M1A030514N	5/14/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0283	0.057 J	0.082 J	0.0943 U	0.0943 U	4.72 U
WSAMM_M1A030923N	9/23/2003	0.0962 U	0.24 U	0.962 U	4.81 U	0.192 U	0.24 U	4.81 U	0.192 U	0.0192 U	4.81 U	0.0481 U	1.92 U	9.62 U	0.0192 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	4.81 U
WSAMM_M1A040304N	3/4/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_M1A041012N	10/12/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U
M1B																				
WSAMM_M1B030514N	5/14/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.018 J	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M1B030923N	9/23/2003	0.0962 U	0.24 U	0.962 U	4.81 U	0.192 U	0.24 U	4.81 U	0.192 U	0.0192 U	4.81 U	0.0481 U	1.92 U	9.62 U	0.0192 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	4.81 U
WSAMM_M1B040303N	3/3/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M1B041012N	10/12/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U
M2A																				
WSAMM_M2A030513N	5/13/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M2A030924N	9/24/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_M2A040225N	2/25/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_M2A041012N	10/12/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
M2B																				
WSAMM_M2B030515FR	5/15/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M2B030515N	5/15/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M2B030924N	9/24/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M2B040225N	2/25/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_M2B041012N	10/12/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U
M3																				
WSAMM_M3030519N	5/19/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M3030924FR	9/24/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_M3030924N	9/24/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M3040303N	3/3/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M3041018N	10/18/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U
M4																				
WSAMM_M4030519N	5/19/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M4030923N	9/23/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_M4040303N	3/3/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_M40410018FR	10/18/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
WSAMM_M4041018N	10/18/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
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Sample ID	Sample Date	3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE ug/L	3-METHYLPHENOL, M-CRESOL ug/L	3-NITROANILINE ug/L	4,6-DINITRO-2-METHYLPHENOL ug/L	4-BROMOPHENYL PHENYL ETHER ug/L	4-METHYLPHENOL, P-CRESOL ug/L	4-NITROPHENOL ug/L	ACENAPHTHYLENE ug/L	ACENAPTHALENE ug/L	ANILINE ug/L	ANTHRACENE ug/L	ATRAZINE ug/L	BENZIDINE ug/L	BENZO(A)ANTHRACENE ug/L	BENZO(A)PYRENE ug/L	BENZO(B)FLUORANTHENE ug/L	BENZO(G,H,I)PERYLENE ug/L	BENZO(K)FLUORANTHENE ug/L	BENZOIC ACID ug/L
W1A																				
WSAMM_W1A030922N	9/22/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W1A040302N	3/2/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W1A041006N	10/6/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
W1B																				
WSAMM_W1B030521N	5/21/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W1B030922N	9/22/2003	0.0962 U	0.24 U	0.962 U	4.81 U	0.192 U	0.24 U	4.81 U	0.192 U	0.0192 U	4.81 U	0.0481 U	1.92 U	9.62 U	0.0192 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	4.81 U
WSAMM_W1B040302N	3/2/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W1B041006N	10/6/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
W2A																				
WSAMM_W2A030520N	5/20/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.9 J
WSAMM_W2A030917FR	9/17/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W2A030917N	9/17/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W2A040301N	3/1/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W2A041011N	10/11/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U
W2B																				
WSAMM_W2B030520N	5/20/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	1.1 J
WSAMM_W2B030917N	9/17/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W2B040301N	3/1/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W2B041011N	10/11/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U
W4D																				
WSAMM_W4D030521N	5/21/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W4D030917N	9/17/2003	0.0962 U	0.24 U	0.962 U	4.81 U	0.192 U	0.24 U	4.81 U	0.192 U	0.0192 U	4.81 U	0.0481 U	1.92 U	9.62 U	0.0192 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	4.81 U
WSAMM_W4D040224FR	2/24/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W4D040224N	2/24/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W4D041011N	10/11/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	--	0.377 U	0.377 U	0.566 U	0.189 U	0.377 U	3.77 U
W4S																				
WSAMM_W4S030521N	5/21/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W4S030917N	9/17/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W4S040224N	2/24/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W4S041011N	10/11/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
W5																				
WSAMM_W5030529N	5/29/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W5030917N	9/17/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W5040301FR	3/1/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W5040301N	3/1/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W5041005N	10/5/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
W6																				
WSAMM_W6030528N	5/28/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	1.2 J
WSAMM_W6030922N	9/22/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W6040301N	3/1/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W6041005FR	10/5/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
WSAMM_W6041005N	10/5/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
W7A																				
WSAMM_W7A030527N	5/27/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.99 J
WSAMM_W7A030916N	9/16/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W7A040224N	2/24/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W7A041005N	10/5/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
W7B																				
WSAMM_W7B030527N	5/27/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W7B030916N	9/16/2003	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W7B040224N	2/24/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	4.72 U
WSAMM_W7B041005N	10/5/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U
W8																				
WSAMM_W8030922N	9/22/2003	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	9.52 U	0.019 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	4.76 U
WSAMM_W8040303N	3/3/2004	0.0943 U	0.236 U	0.943 U	4.72 U	0.189 U	0.236 U	4.72 U	0.189 U	0.0189 U	4.72 U	0.0472 U	1.89 U	9.43 U	0.0189 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	6.37
WSAMM_W8041006N	10/6/2004	0.0952 U	0.238 U	0.952 U	4.76 U	0.19 U	0.238 U	4.76 U	0.19 U	0.019 U	4.76 U	0.0476 U	1.9 U	--	0.381 U	0.381 U	0.571 U	0.19 U	0.381 U	3.81 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	BENZYL ALCOHOL ug/L	BENZYL BUTYL PHTHALATE ug/L	BIS(2-CHLOROETHOXY)METHANE ug/L	BIS(2-CHLOROETHYL)ETHER ug/L	BIS(2-CHLOROISOPROPYL)ETHER ug/L	BIS(2-ETHYLHEXYL)PHTHALATE ug/L	CAFFEINE ug/L	CARBAZOLE ug/L	COPROSTANOL ug/L	DIBENZO(A,H)ANTHRACENE ug/L	DIBENZOFURAN ug/L	DIETHYL PHTHALATE ug/L	DIMETHYL PHTHALATE ug/L	DI-N-BUTYLPHTHALATE ug/L	DI-N-OCTYL PHTHALATE ug/L	FLUORANTHENE ug/L	FLUORENE ug/L	HEXACHLORO-1,3-BUTADIENE ug/L	HEXACHLOROBENZENE ug/L
L1A																				
WSAMM_L1A030522N	5/22/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.76 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L1A030915FR	9/15/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.2 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L1A030915N	9/15/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.083 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L1A040223N	2/23/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.42 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L1A041004N	10/4/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.43 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
L1B																				
WSAMM_L1B030522N	5/22/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	1.53 B	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L1B030915N	9/15/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.56 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L1B040223N	2/23/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	5.36	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L1B041004FR	10/4/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.44 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_L1B041004N	10/4/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.55 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
L2A																				
WSAMM_L2A030528N	5/28/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.952 U	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.19 U	0.0952 U	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_L2A030916N	9/16/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.15 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L2A040223N	2/23/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.5 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L2A041004N	10/4/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.58 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
L2B																				
WSAMM_L2B030528N	5/28/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.952 U	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.19 U	0.0952 U	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_L2B030916N	9/16/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.2 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_L2B040223FR	2/23/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.54 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L2B040223N	2/23/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	1.22 B	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_L2B041004N	10/4/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.45 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
M1A																				
WSAMM_M1A030514N	5/14/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.977 B	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M1A030923N	9/23/2003	0.481 U	0.962 U	0.0962 U	0.0962 U	0.0481 U	0.14 J	0.0962 U	0.0481 U	19.2 U	0.0962 U	0.0481 U	0.962 U	0.962 U	0.962 U	0.962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U
WSAMM_M1A040304N	3/4/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.44 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_M1A041012N	10/12/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	1.71 B	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
M1B																				
WSAMM_M1B030514N	5/14/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.86 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M1B030923N	9/23/2003	0.481 U	0.962 U	0.0962 U	0.0962 U	0.0481 U	0.093 J	0.0962 U	0.0481 U	19.2 U	0.0962 U	0.0481 U	0.962 U	0.962 U	0.962 U	0.962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U
WSAMM_M1B040303N	3/3/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.44 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M1B041012N	10/12/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.66 BJ	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
M2A																				
WSAMM_M2A030513N	5/13/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	2.93 B	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M2A030924N	9/24/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.16 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_M2A040225N	2/25/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.76 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_M2A041012N	10/12/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.68 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
M2B																				
WSAMM_M2B030515FR	5/15/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.89 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M2B030515N	5/15/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.56 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M2B030924N	9/24/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.12 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M2B040225N	2/25/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.47 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_M2B041012N	10/12/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.93 BJ	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
M3																				
WSAMM_M3030519N	5/19/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	1.95 B	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M3030924FR	9/24/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.085 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_M3030924N	9/24/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.06 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M3040303N	3/3/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.46 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M3041018N	10/18/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	1.38 B	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
M4																				
WSAMM_M4030519N	5/19/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.93 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.068 J	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M4030923N	9/23/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.22 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_M4040303N	3/3/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.4 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_M40410018FR	10/18/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	2.15 B	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_M4041018N	10/18/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	2.05 B	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	BENZYL ALCOHOL ug/L	BENZYL BUTYL PHTHALATE ug/L	BIS(2-CHLOROETHOXY)METHANE ug/L	BIS(2-CHLOROETHYL)ETHER ug/L	BIS(2-CHLOROISOPROPYL)ETHER ug/L	BIS(2-ETHYLHEXYL)PHTHALATE ug/L	CAFFEINE ug/L	CARBAZOLE ug/L	COPROSTANOL ug/L	DIBENZO(A,H)ANTHRACENE ug/L	DIBENZOFURAN ug/L	DIETHYL PHTHALATE ug/L	DIMETHYL PHTHALATE ug/L	DI-N-BUTYLPHTHALATE ug/L	DI-N-OCTYL PHTHALATE ug/L	FLUORANTHENE ug/L	FLUORENE ug/L	HEXACHLORO-1,3-BUTADIENE ug/L	HEXACHLOROBENZENE ug/L
W1A																				
WSAMM_W1A030922N	9/22/2003	0.12 J	0.952 U	0.0952 U	0.0952 U	0.0476 U	2.74	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W1A040302N	3/2/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	3.66 B	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W1A041006N	10/6/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.46 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
W1B																				
WSAMM_W1B030521N	5/21/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.75 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.19 U	0.0952 U	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W1B030922N	9/22/2003	0.481 U	0.962 U	0.0962 U	0.0962 U	0.0481 U	0.22 J	0.0962 U	0.0481 U	19.2 U	0.0962 U	0.0481 U	0.962 U	0.962 U	0.962 U	0.962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U
WSAMM_W1B040302N	3/2/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.44 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W1B041006N	10/6/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.45 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
W2A																				
WSAMM_W2A030520N	5/20/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.943 U	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W2A030917FR	9/17/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.25 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W2A030917N	9/17/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.95 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W2A040301N	3/1/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.4 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W2A041011N	10/11/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.78 BJ	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
W2B																				
WSAMM_W2B030520N	5/20/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	2.25 B	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.19 U	0.0952 U	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W2B030917N	9/17/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.2 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W2B040301N	3/1/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.52 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W2B041011N	10/11/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.96 B	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
W4D																				
WSAMM_W4D030521N	5/21/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.943 U	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W4D030917N	9/17/2003	0.481 U	0.962 U	0.0962 U	0.0962 U	0.0481 U	0.11 BJ	0.0962 U	0.0481 U	19.2 U	0.0962 U	0.0481 U	0.962 U	0.962 U	0.962 U	0.962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U
WSAMM_W4D040224FR	2/24/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	1.79 B	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W4D040224N	2/24/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.47 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W4D041011N	10/11/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.66 BJ	0.0943 U	0.0472 U	18.9 U	0.377 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
W4S																				
WSAMM_W4S030521N	5/21/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	1.9 B	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W4S030917N	9/17/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.14 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W4S040224N	2/24/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.52 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	1.26	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W4S041011N	10/11/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	1.44 B	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
W5																				
WSAMM_W5030529N	5/29/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.58 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.19 U	0.0952 U	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W5030917N	9/17/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.14 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W5040301FR	3/1/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.46 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W5040301N	3/1/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.9 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W5041005N	10/5/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.46 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
W6																				
WSAMM_W6030528N	5/28/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.93 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W6030922N	9/22/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.13 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W6040301N	3/1/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.87 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W6041005FR	10/5/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.9 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W6041005N	10/5/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.45 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
W7A																				
WSAMM_W7A030527N	5/27/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.93 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.189 U	0.0943 U	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W7A030916N	9/16/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.41 BJ	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W7A040224N	2/24/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.45 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W7A041005N	10/5/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.43 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
W7B																				
WSAMM_W7B030527N	5/27/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.952 U	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.19 U	0.0952 U	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W7B030916N	9/16/2003	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.24 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W7B040224N	2/24/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.49 BJ	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W7B041005N	10/5/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.48 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
W8																				
WSAMM_W8030922N	9/22/2003	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.26 J	0.0952 U	0.0476 U	19 U	0.0952 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U
WSAMM_W8040303N	3/3/2004	0.472 U	0.943 U	0.0943 U	0.0943 U	0.0472 U	0.55 J	0.0943 U	0.0472 U	18.9 U	0.0943 U	0.0472 U	0.943 U	0.943 U	0.943 U	0.943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U
WSAMM_W8041006N	10/6/2004	0.476 U	0.952 U	0.0952 U	0.0952 U	0.0476 U	0.47 BJ	0.0952 U	0.0476 U	19 U	0.381 U	0.0476 U	0.952 U	0.952 U	0.952 U	0.952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
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Sample ID	Sample Date	HEXACHLOROCYCLOPENTADIENE ug/L	HEXACHLOROETHANE ug/L	INDENO(1,2,3-C,D)PYRENE ug/L	M-DICHLOROBENZENE ug/L	METHANAMINE, N-METHYL-N-NITROSO ug/L	NAPHTHALENE ug/L	NITROBENZENE ug/L	N-NITROSODIPHENYLAMINE ug/L	N-NITROSODIPROPYLAMINE ug/L	P-CHLOROANILINE ug/L	P-CHLORO-M-CRESOL ug/L	PENTACHLOROPHENOL ug/L	PHENANTHRENE ug/L	PHENOL ug/L	P-NITROANILINE ug/L	PYRENE ug/L	PYRIDINE ug/L	SIMAZINE ug/L
L1A																			
WSAMM_L1A030522N	5/22/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0349 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L1A030915FR	9/15/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L1A030915N	9/15/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L1A040223N	2/23/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L1A041004N	10/4/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
L1B																			
WSAMM_L1B030522N	5/22/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0321 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L1B030915N	9/15/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L1B040223N	2/23/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L1B041004FR	10/4/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_L1B041004N	10/4/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
L2A																			
WSAMM_L2A030528N	5/28/2003	4.76 U	0.0952 U	0.0952 U	0.019 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.0314 B	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_L2A030916N	9/16/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L2A040223N	2/23/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L2A041004N	10/4/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
L2B																			
WSAMM_L2B030528N	5/28/2003	4.76 U	0.0952 U	0.0952 U	0.019 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.0305 B	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_L2B030916N	9/16/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_L2B040223FR	2/23/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L2B040223N	2/23/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_L2B041004N	10/4/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
M1A																			
WSAMM_M1A030514N	5/14/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0368 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M1A030923N	9/23/2003	4.81 U	0.0962 U	0.0962 U	0.0962 U	0.24 U	0.0481 U	0.192 U	0.0962 U	0.192 U	0.24 U	1.92 U	9.62 U	0.0481 U	0.208	1.92 U	0.0481 U	4.81 U	1.92 U
WSAMM_M1A040304N	3/4/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_M1A041012N	10/12/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
M1B																			
WSAMM_M1B030514N	5/14/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0236 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M1B030923N	9/23/2003	4.81 U	0.0962 U	0.0962 U	0.0962 U	0.24 U	0.0481 U	0.192 U	0.0962 U	0.192 U	0.24 U	1.92 U	9.62 U	0.0481 U	0.192 U	1.92 U	0.0481 U	4.81 U	1.92 U
WSAMM_M1B040303N	3/3/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M1B041012N	10/12/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
M2A																			
WSAMM_M2A030513N	5/13/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.018 BJ	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M2A030924N	9/24/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_M2A040225N	2/25/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_M2A041012N	10/12/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
M2B																			
WSAMM_M2B030515FR	5/15/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0302 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M2B030515N	5/15/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0245 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M2B030924N	9/24/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M2B040225N	2/25/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_M2B041012N	10/12/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
M3																			
WSAMM_M3030519N	5/19/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0292 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M3030924FR	9/24/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_M3030924N	9/24/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M3040303N	3/3/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M3041018N	10/18/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
M4																			
WSAMM_M4030519N	5/19/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0358 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M4030923N	9/23/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_M4040303N	3/3/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_M40410018FR	10/18/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_M4041018N	10/18/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U

Table A-5
Analytical Results -- Semivolatile Organic Compounds
Sammamish River Valley Groundwater Study
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Sample ID	Sample Date	HEXACHLOROCYCLOPENTADIENE ug/L	HEXACHLOROETHANE ug/L	INDENO(1,2,3-C,D)PYRENE ug/L	M-DICHLOROBENZENE ug/L	METHANAMINE, N-METHYL-N-NITROSO ug/L	NAPHTHALENE ug/L	NITROBENZENE ug/L	N-NITROSODIPHENYLAMINE ug/L	N-NITROSODIPROPYLAMINE ug/L	P-CHLOROANILINE ug/L	P-CHLORO-M-CRESOL ug/L	PENTACHLOROPHENOL ug/L	PHENANTHRENE ug/L	PHENOL ug/L	P-NITROANILINE ug/L	PYRENE ug/L	PYRIDINE ug/L	SIMAZINE ug/L
W1A																			
WSAMM_W1A030922N	9/22/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.425	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W1A040302N	3/2/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W1A041006N	10/6/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
W1B																			
WSAMM_W1B030521N	5/21/2003	4.76 U	0.0952 U	0.0952 U	0.019 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.0267 B	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W1B030922N	9/22/2003	4.81 U	0.0962 U	0.0962 U	0.0962 U	0.24 U	0.0481 U	0.192 U	0.0962 U	0.192 U	0.24 U	1.92 U	9.62 U	0.0481 U	0.192 U	1.92 U	0.0481 U	4.81 U	1.92 U
WSAMM_W1B040302N	3/2/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W1B041006N	10/6/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
W2A																			
WSAMM_W2A030520N	5/20/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.137 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W2A030917FR	9/17/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W2A030917N	9/17/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W2A040301N	3/1/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W2A041011N	10/11/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
W2B																			
WSAMM_W2B030520N	5/20/2003	4.76 U	0.0952 U	0.0952 U	0.019 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.0524 B	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W2B030917N	9/17/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W2B040301N	3/1/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W2B041011N	10/11/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
W4D																			
WSAMM_W4D030521N	5/21/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0236 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W4D030917N	9/17/2003	4.81 U	0.0962 U	0.0962 U	0.0962 U	0.24 U	0.0481 U	0.192 U	0.0962 U	0.192 U	0.24 U	1.92 U	9.62 U	0.0481 U	0.192 U	1.92 U	0.0481 U	4.81 U	1.92 U
WSAMM_W4D040224FR	2/24/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W4D040224N	2/24/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W4D041011N	10/11/2004	--	0.0943 U	0.189 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
W4S																			
WSAMM_W4S030521N	5/21/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0481 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W4S030917N	9/17/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W4S040224N	2/24/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W4S041011N	10/11/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
W5																			
WSAMM_W5030529N	5/29/2003	4.76 U	0.0952 U	0.0952 U	0.019 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.0324 B	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W5030917N	9/17/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W5040301FR	3/1/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W5040301N	3/1/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W5041005N	10/5/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
W6																			
WSAMM_W6030528N	5/28/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0368 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W6030922N	9/22/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W6040301N	3/1/2004	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W6041005FR	10/5/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W6041005N	10/5/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
W7A																			
WSAMM_W7A030527N	5/27/2003	4.72 U	0.0943 U	0.0943 U	0.0189 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.0443 B	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W7A030916N	9/16/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W7A040224N	2/24/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W7A041005N	10/5/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
W7B																			
WSAMM_W7B030527N	5/27/2003	4.76 U	0.0952 U	0.0952 U	0.019 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.0305 B	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W7B030916N	9/16/2003	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W7B040224N	2/24/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W7B041005N	10/5/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
W8																			
WSAMM_W8030922N	9/22/2003	4.76 U	0.0952 U	0.0952 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U
WSAMM_W8040303N	3/3/2004	4.72 U	0.0943 U	0.0943 U	0.0943 U	0.236 U	0.0472 U	0.189 U	0.0943 U	0.189 U	0.236 U	1.89 U	9.43 U	0.0472 U	0.189 U	1.89 U	0.0472 U	4.72 U	1.89 U
WSAMM_W8041006N	10/6/2004	--	0.0952 U	0.19 U	0.0952 U	0.238 U	0.0476 U	0.19 U	0.0952 U	0.19 U	0.238 U	1.9 U	9.52 U	0.0476 U	0.19 U	1.9 U	0.0476 U	4.76 U	1.9 U

Table A-6
Analytical Results -- Endocrine Disruptor Compounds
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Sample ID	Sample Date	4-NONYLPHENOL ug/L	BIS(2-ETHYLHEXYL) ADIPATE ug/L	BISPHENOL A ug/L	ESTRADIOL ug/L	ESTRONE ug/L	ETHYNYL ESTRADIOL ug/L	METHYLTESTOSTERONE ug/L	PROGESTERONE ug/L	TESTOSTERONE ug/L	VINCLOZOLIN ug/L
L1A											
WSAMM_L1A030522N	5/22/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_L1A030915FR	9/15/2003	0.0943 U	0.0943 U	0.035 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_L1A030915N	9/15/2003	0.0971 U	0.019 BJ	0.038 BJ	0.0243 U	0.0243 U	0.0243 U	0.0243 U	0.0243 U	0.0243 U	0.0243 U
WSAMM_L1A040223N	2/23/2004	0.0943 U	0.034 BJ	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_L1A041004N	10/4/2004	--	--	--	0.0049 U	0.00294 U	0.0049 U	--	--	--	--
L1B											
WSAMM_L1B030522N	5/22/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_L1B030915N	9/15/2003	0.0943 U	0.017 BJ	0.037 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_L1B040223N	2/23/2004	0.048 J	0.161 B	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_L1B041004FR	10/4/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
WSAMM_L1B041004N	10/4/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
L2A											
WSAMM_L2A030528N	5/28/2003	--	--	0.476 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_L2A030916N	9/16/2003	0.064 BJ	0.017 BJ	0.029 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_L2A040223N	2/23/2004	0.063 J	0.055 BJ	0.042 J	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_L2A041004N	10/4/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
L2B											
WSAMM_L2B030528N	5/28/2003	--	--	0.476 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_L2B030916N	9/16/2003	0.073 BJ	0.019 BJ	0.03 BJ	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U
WSAMM_L2B040223FR	2/23/2004	0.06 J	0.039 BJ	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_L2B040223N	2/23/2004	0.048 J	0.028 BJ	0.0952 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_L2B041004N	10/4/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--
M1A											
WSAMM_M1A030514N	5/14/2003	--	--	0.16 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_M1A030923N	9/23/2003	0.0952 U	0.016 BJ	0.018 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_M1A040304N	3/4/2004	0.061 J	0.044 BJ	0.051 J	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M1A041012N	10/12/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
M1B											
WSAMM_M1B030514N	5/14/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M1B030923N	9/23/2003	0.186 B	0.047 BJ	0.018 BJ	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U
WSAMM_M1B040303N	3/3/2004	0.21	0.029 BJ	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M1B041012N	10/12/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
M2A											
WSAMM_M2A030513N	5/13/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M2A030924N	9/24/2003	0.092 BJ	0.024 BJ	0.019 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M2A040225N	2/25/2004	0.137	0.026 BJ	0.013 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M2A041012N	10/12/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--

Table A-6
Analytical Results -- Endocrine Disruptor Compounds
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Sample ID	Sample Date	4-NONYLPHENOL ug/L	BIS(2-ETHYLHEXYL) ADIPATE ug/L	BISPHENOL A ug/L	ESTRADIOL ug/L	ESTRONE ug/L	ETHYNYL ESTRADIOL ug/L	METHYLTESTOSTERONE ug/L	PROGESTERONE ug/L	TESTOSTERONE ug/L	VINCLOZOLIN ug/L
M2B											
WSAMM_M2B030515FR	5/15/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M2B030515N	5/15/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M2B030924N	9/24/2003	0.204 B	0.026 BJ	0.019 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M2B040225N	2/25/2004	0.204	0.032 BJ	0.013 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_M2B041012N	10/12/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
M3											
WSAMM_M3030519N	5/19/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M3030924FR	9/24/2003	0.132 B	0.029 BJ	0.036 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M3030924N	9/24/2003	0.06 BJ	0.017 BJ	0.019 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M3040303N	3/3/2004	0.0943 U	0.022 BJ	0.21	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M3041018N	10/18/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
M4											
WSAMM_M4030519N	5/19/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M4030923N	9/23/2003	0.148 B	0.131 B	0.025 BJ	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U
WSAMM_M4040303N	3/3/2004	0.075 J	0.024 BJ	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_M40410018FR	10/18/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
WSAMM_M4041018N	10/18/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
W1A											
WSAMM_W1A030922N	9/22/2003	0.0952 U	0.014 BJ	0.019 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W1A040302N	3/2/2004	0.0943 U	0.239 B	0.019 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W1A041006N	10/6/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--
W1B											
WSAMM_W1B030521N	5/21/2003	--	--	0.476 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W1B030922N	9/22/2003	0.0943 U	0.026 BJ	0.014 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W1B040302N	3/2/2004	0.0952 U	0.024 BJ	0.0952 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W1B041006N	10/6/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--
W2A											
WSAMM_W2A030520N	5/20/2003	--	--	0.2 J	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W2A030917FR	9/17/2003	0.0952 U	0.012 BJ	0.025 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W2A030917N	9/17/2003	0.0962 U	0.014 BJ	0.016 BJ	0.012 J	0.024 U	0.011 J	0.024 U	0.024 U	0.024 U	0.024 U
WSAMM_W2A040301N	3/1/2004	0.0952 U	0.023 BJ	0.024 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W2A041011N	10/11/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--
W2B											
WSAMM_W2B030520N	5/20/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W2B030917N	9/17/2003	0.0952 U	0.014 BJ	0.022 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W2B040301N	3/1/2004	0.0943 U	0.025 BJ	0.016 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W2B041011N	10/11/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--

Table A-6
Analytical Results -- Endocrine Disruptor Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	4-NONYLPHENOL ug/L	BIS(2-ETHYLHEXYL) ADIPATE ug/L	BISPHENOL A ug/L	ESTRADIOL ug/L	ESTRONE ug/L	ETHYNYL ESTRADIOL ug/L	METHYLTESTOSTERONE ug/L	PROGESTERONE ug/L	TESTOSTERONE ug/L	VINCLOZOLIN ug/L
W4D											
WSAMM_W4D030521N	5/21/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W4D030917N	9/17/2003	0.0952 U	0.019 BJ	0.013 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W4D040224FR	2/24/2004	0.0943 U	0.066 BJ	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W4D040224N	2/24/2004	0.0943 U	0.047 BJ	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W4D041011N	10/11/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--
W4S											
WSAMM_W4S030521N	5/21/2003	--	--	0.472 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W4S030917N	9/17/2003	0.0962 U	0.013 BJ	0.014 BJ	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U
WSAMM_W4S040224N	2/24/2004	0.0943 U	0.501 B	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W4S041011N	10/11/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--
W5											
WSAMM_W5030529N	5/29/2003	--	--	0.476 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W5030917N	9/17/2003	0.0952 U	0.016 BJ	0.024 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W5040301FR	3/1/2004	0.0943 U	0.041 BJ	0.017 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W5040301N	3/1/2004	0.0943 U	0.03 BJ	0.014 BJ	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W5041005N	10/5/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
W6											
WSAMM_W6030528N	5/28/2003	--	--	0.29 J	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W6030922N	9/22/2003	0.304	0.042 BJ	0.305	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U
WSAMM_W6040301N	3/1/2004	0.271	0.026 BJ	0.214	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W6041005FR	10/5/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--
WSAMM_W6041005N	10/5/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
W7A											
WSAMM_W7A030527N	5/27/2003	--	--	0.18 J	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W7A030916N	9/16/2003	0.0952 U	0.013 BJ	0.016 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W7A040224N	2/24/2004	0.048 J	0.038 BJ	0.0943 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W7A041005N	10/5/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
W7B											
WSAMM_W7B030527N	5/27/2003	--	--	0.476 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W7B030916N	9/16/2003	0.0952 U	0.012 BJ	0.016 BJ	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U	0.0238 U
WSAMM_W7B040224N	2/24/2004	0.0943 U	0.416 B	0.03 J	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W7B041005N	10/5/2004	--	--	--	0.00476 U	0.00286 U	0.00476 U	--	--	--	--
W8											
WSAMM_W8030922N	9/22/2003	0.198 B	0.548	0.076 BJ	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U
WSAMM_W8040303N	3/3/2004	0.105	0.033 BJ	0.058 J	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U	0.0236 U
WSAMM_W8041006N	10/6/2004	--	--	--	0.00472 U	0.00283 U	0.00472 U	--	--	--	--

Table A-7
Analytical Results -- Pesticides and Polychlorinated Biphenyl Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	1,1,1-TRICHLORO-2,2-BIS (P-METHOXPHENYL)-ETHANE ug/L	4,4'DDD ug/L	4,4'DDE ug/L	4,4'DDT ug/L	ALDRIN ug/L	ALPHA BHC ug/L	AROCLOR 1016 ug/L	AROCLOR 1221 ug/L	AROCLOR 1232 ug/L	AROCLOR 1242 ug/L	AROCLOR 1248 ug/L	AROCLOR 1254 ug/L	AROCLOR 1260 ug/L	BETA BHC ug/L	CAMPHECHLOR ug/L	CHLORDANE, alpha ug/L	CHLORDANE, GAMMA ug/L	DELTA BHC ug/L
L1A																			
WSAMM_L1A030522N	5/22/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_L1A030915FR	9/15/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_L1A030915N	9/15/2003	0.0485 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.0971 U	0.0971 U	0.0971 U	0.0971 U	0.0971 U	0.0971 U	0.0971 U	0.00971 U	0.0971 U	0.0485 U	0.0485 U	0.00971 U
WSAMM_L1A040223N	2/23/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_L1A041004N	10/4/2004	0.049 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U	0.098 U	0.0098 U	0.098 U	0.049 U	0.049 U	0.0098 U
L1B																			
WSAMM_L1B030522N	5/22/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_L1B030915N	9/15/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_L1B040223N	2/23/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_L1B041004FR	10/4/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_L1B041004N	10/4/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
L2A																			
WSAMM_L2A030528N	5/28/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_L2A030916N	9/16/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_L2A040223N	2/23/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_L2A041004N	10/4/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
L2B																			
WSAMM_L2B030528N	5/28/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_L2B030916N	9/16/2003	0.0481 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.00962 U	0.0962 U	0.0481 U	0.0481 U	0.00962 U
WSAMM_L2B040223FR	2/23/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_L2B040223N	2/23/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_L2B041004N	10/4/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
M1A																			
WSAMM_M1A030514N	5/14/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_M1A030923N	9/23/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_M1A040304N	3/4/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_M1A041012N	10/12/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
M1B																			
WSAMM_M1B030514N	5/14/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M1B030923N	9/23/2003	0.0481 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.00962 U	0.0962 U	0.0481 U	0.0481 U	0.00962 U
WSAMM_M1B040303N	3/3/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M1B041012N	10/12/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
M2A																			
WSAMM_M2A030513N	5/13/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M2A030924N	9/24/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M2A040225N	2/25/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M2A041012N	10/12/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
M2B																			
WSAMM_M2B030515FR	5/15/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M2B030515N	5/15/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M2B030924N	9/24/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M2B040225N	2/25/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_M2B041012N	10/12/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
M3																			
WSAMM_M3030519N	5/19/2003	0.0236 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.00472 U	0.0472 U	0.0236 U	0.0236 U	0.00472 U
WSAMM_M3030924FR	9/24/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M3030924N	9/24/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M3040303N	3/3/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M3041018N	10/18/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
M4																			
WSAMM_M4030519N	5/19/2003	0.0255 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.0051 U	0.051 U	0.0255 U	0.0255 U	0.0051 U
WSAMM_M4030923N	9/23/2003	0.0481 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.00962 U	0.0962 U	0.0481 U	0.0481 U	0.00962 U
WSAMM_M4040303N	3/3/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_M40410018FR	10/18/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_M4041018N	10/18/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U

Table A-7
Analytical Results -- Pesticides and Polychlorinated Biphenyl Compounds
Sammamish River Valley Groundwater Study
2003 - 2004 Data Report

Sample ID	Sample Date	1,1,1-TRICHLORO-2,2-BIS (P-METHOXPHENYL)-ETHANE ug/L	4,4'DDD ug/L	4,4'DDE ug/L	4,4'DDT ug/L	ALDRIN ug/L	ALPHA BHC ug/L	AROCLOR 1016 ug/L	AROCLOR 1221 ug/L	AROCLOR 1232 ug/L	AROCLOR 1242 ug/L	AROCLOR 1248 ug/L	AROCLOR 1254 ug/L	AROCLOR 1260 ug/L	BETA BHC ug/L	CAMPHECHLOR ug/L	CHLORDANE, alpha ug/L	CHLORDANE, GAMMA ug/L	DELTA BHC ug/L
W1A																			
WSAMM_W1A030922N	9/22/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W1A040302N	3/2/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W1A041006N	10/6/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
W1B																			
WSAMM_W1B030521N	5/21/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W1B030922N	9/22/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W1B040302N	3/2/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W1B041006N	10/6/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
W2A																			
WSAMM_W2A030520N	5/20/2003	0.0238 U	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.00476 U	0.0476 U	0.0238 U	0.0238 U	0.00476 U
WSAMM_W2A030917FR	9/17/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W2A030917N	9/17/2003	0.0481 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.00962 U	0.0962 U	0.0481 U	0.0481 U	0.00962 U
WSAMM_W2A040301N	3/1/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W2A041011N	10/11/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
W2B																			
WSAMM_W2B030520N	5/20/2003	0.0236 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.00472 U	0.0472 U	0.0236 U	0.0236 U	0.00472 U
WSAMM_W2B030917N	9/17/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W2B040301N	3/1/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W2B041011N	10/11/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
W4D																			
WSAMM_W4D030521N	5/21/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W4D030917N	9/17/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W4D040224FR	2/24/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W4D040224N	2/24/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W4D041011N	10/11/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
W4S																			
WSAMM_W4S030521N	5/21/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W4S030917N	9/17/2003	0.0481 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.00962 U	0.0962 U	0.0481 U	0.0481 U	0.00962 U
WSAMM_W4S040224N	2/24/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W4S041011N	10/11/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
W5																			
WSAMM_W5030529N	5/29/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W5030917N	9/17/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W5040301FR	3/1/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W5040301N	3/1/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W5041005N	10/5/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
W6																			
WSAMM_W6030528N	5/28/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W6030922N	9/22/2003	0.0481 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.00962 U	0.0962 U	0.0481 U	0.0481 U	0.00962 U
WSAMM_W6040301N	3/1/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W6041005FR	10/5/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W6041005N	10/5/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
W7A																			
WSAMM_W7A030527N	5/27/2003	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W7A030916N	9/16/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W7A040224N	2/24/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W7A041005N	10/5/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
W7B																			
WSAMM_W7B030527N	5/27/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W7B030916N	9/16/2003	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
WSAMM_W7B040224N	2/24/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W7B041005N	10/5/2004	0.0476 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.0952 U	0.00952 U	0.0952 U	0.0476 U	0.0476 U	0.00952 U
W8																			
WSAMM_W8030922N	9/22/2003	0.0481 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.0962 U	0.00962 U	0.0962 U	0.0481 U	0.0481 U	0.00962 U
WSAMM_W8040303N	3/3/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U
WSAMM_W8041006N	10/6/2004	0.0472 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.00943 U	0.0943 U	0.0472 U	0.0472 U	0.00943 U

Table A-7
Analytical Results -- Pesticides and Polychlorinated Biphenyl Compounds
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Sample ID	Sample Date	DIELDRIN ug/L	ENDOSULFAN I ug/L	ENDOSULFAN II ug/L	ENDOSULFAN SULFATE ug/L	ENDRIN ug/L	ENDRIN ALDEHYDE ug/L	HEPTACHLOR ug/L	HEPTACHLOR EPOXIDE ug/L	LINDANE(GAMMA BHC) ug/L	BASUDIN, NEOCIDOL ug/L	CHLORPYRIFOS ug/L	DISULFOTON ug/L	MALATHION ug/L	METHYL PARATHION ug/L	PARATHION ug/L	PHORATE ug/L
L1A																	
WSAMM_L1A030522N	5/22/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_L1A030915FR	9/15/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_L1A030915N	9/15/2003	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.00971 U	0.472 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_L1A040223N	2/23/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L1A041004N	10/4/2004	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
L1B																	
WSAMM_L1B030522N	5/22/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_L1B030915N	9/15/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_L1B040223N	2/23/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L1B041004FR	10/4/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L1B041004N	10/4/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
L2A																	
WSAMM_L2A030528N	5/28/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L2A030916N	9/16/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L2A040223N	2/23/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L2A041004N	10/4/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
L2B																	
WSAMM_L2B030528N	5/28/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L2B030916N	9/16/2003	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L2B040223FR	2/23/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_L2B040223N	2/23/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_L2B041004N	10/4/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
M1A																	
WSAMM_M1A030514N	5/14/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M1A030923N	9/23/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M1A040304N	3/4/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M1A041012N	10/12/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
M1B																	
WSAMM_M1B030514N	5/14/2003	0.0516	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M1B030923N	9/23/2003	0.0538	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_M1B040303N	3/3/2004	0.062	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M1B041012N	10/12/2004	0.0442	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
M2A																	
WSAMM_M2A030513N	5/13/2003	0.051	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M2A030924N	9/24/2003	0.0188	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M2A040225N	2/25/2004	0.0282	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M2A041012N	10/12/2004	0.0148	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
M2B																	
WSAMM_M2B030515FR	5/15/2003	0.051	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M2B030515N	5/15/2003	0.0226	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M2B030924N	9/24/2003	0.0585	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M2B040225N	2/25/2004	0.0529	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M2B041012N	10/12/2004	0.0415	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
M3																	
WSAMM_M3030519N	5/19/2003	0.00791	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M3030924FR	9/24/2003	0.00977	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M3030924N	9/24/2003	0.00989	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M3040303N	3/3/2004	0.00949	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M3041018N	10/18/2004	0.0077 J	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
M4																	
WSAMM_M4030519N	5/19/2003	0.0441	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0051 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M4030923N	9/23/2003	0.0448	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M4040303N	3/3/2004	0.0436	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_M40410018FR	10/18/2004	0.0474	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_M4041018N	10/18/2004	0.0362	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U

Table A-7
Analytical Results -- Pesticides and Polychlorinated Biphenyl Compounds
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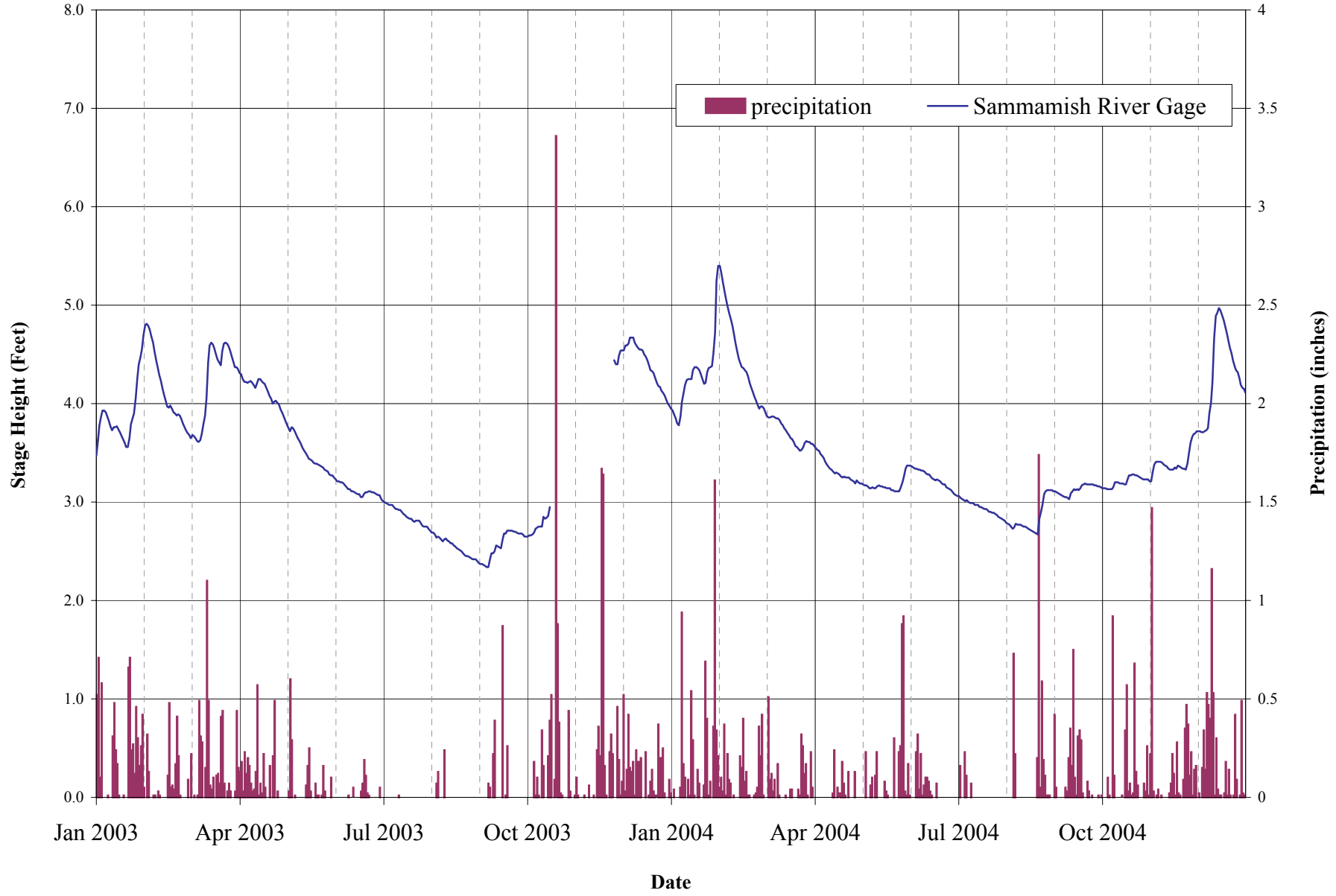
2003 - 2004 Data Report

Sample ID	Sample Date	DIELDRIN ug/L	ENDOSULFAN I ug/L	ENDOSULFAN II ug/L	ENDOSULFAN SULFATE ug/L	ENDRIN ug/L	ENDRIN ALDEHYDE ug/L	HEPTACHLOR ug/L	HEPTACHLOR EPOXIDE ug/L	LINDANE(GAMMA BHC) ug/L	BASUDIN, NEOCIDOL ug/L	CHLORPYRIFOS ug/L	DISULFOTON ug/L	MALATHION ug/L	METHYL PARATHION ug/L	PARATHION ug/L	PHORATE ug/L
W1A																	
WSAMM_W1A030922N	9/22/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W1A040302N	3/2/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W1A041006N	10/6/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W1B																	
WSAMM_W1B030521N	5/21/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W1B030922N	9/22/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_W1B040302N	3/2/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W1B041006N	10/6/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W2A																	
WSAMM_W2A030520N	5/20/2003	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.00476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W2A030917FR	9/17/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W2A030917N	9/17/2003	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.476 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_W2A040301N	3/1/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W2A041011N	10/11/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W2B																	
WSAMM_W2B030520N	5/20/2003	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.00472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W2B030917N	9/17/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W2B040301N	3/1/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.476 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_W2B041011N	10/11/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
W4D																	
WSAMM_W4D030521N	5/21/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W4D030917N	9/17/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.481 U	0.0478 U	0.0478 U	0.0478 U	0.0478 U	0.0478 U	0.0478 U
WSAMM_W4D040224FR	2/24/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W4D040224N	2/24/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W4D041011N	10/11/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
W4S																	
WSAMM_W4S030521N	5/21/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W4S030917N	9/17/2003	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W4S040224N	2/24/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W4S041011N	10/11/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W5																	
WSAMM_W5030529N	5/29/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W5030917N	9/17/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W5040301FR	3/1/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W5040301N	3/1/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W5041005N	10/5/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W6																	
WSAMM_W6030528N	5/28/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W6030922N	9/22/2003	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_W6040301N	3/1/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.476 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_W6041005FR	10/5/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W6041005N	10/5/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W7A																	
WSAMM_W7A030527N	5/27/2003	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W7A030916N	9/16/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.476 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_W7A040224N	2/24/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W7A041005N	10/5/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W7B																	
WSAMM_W7B030527N	5/27/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W7B030916N	9/16/2003	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.472 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
WSAMM_W7B040224N	2/24/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W7B041005N	10/5/2004	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.00952 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U
W8																	
WSAMM_W8030922N	9/22/2003	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.00962 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U	0.0481 U
WSAMM_W8040303N	3/3/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U	0.0472 U
WSAMM_W8041006N	10/6/2004	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.00943 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U	0.0476 U

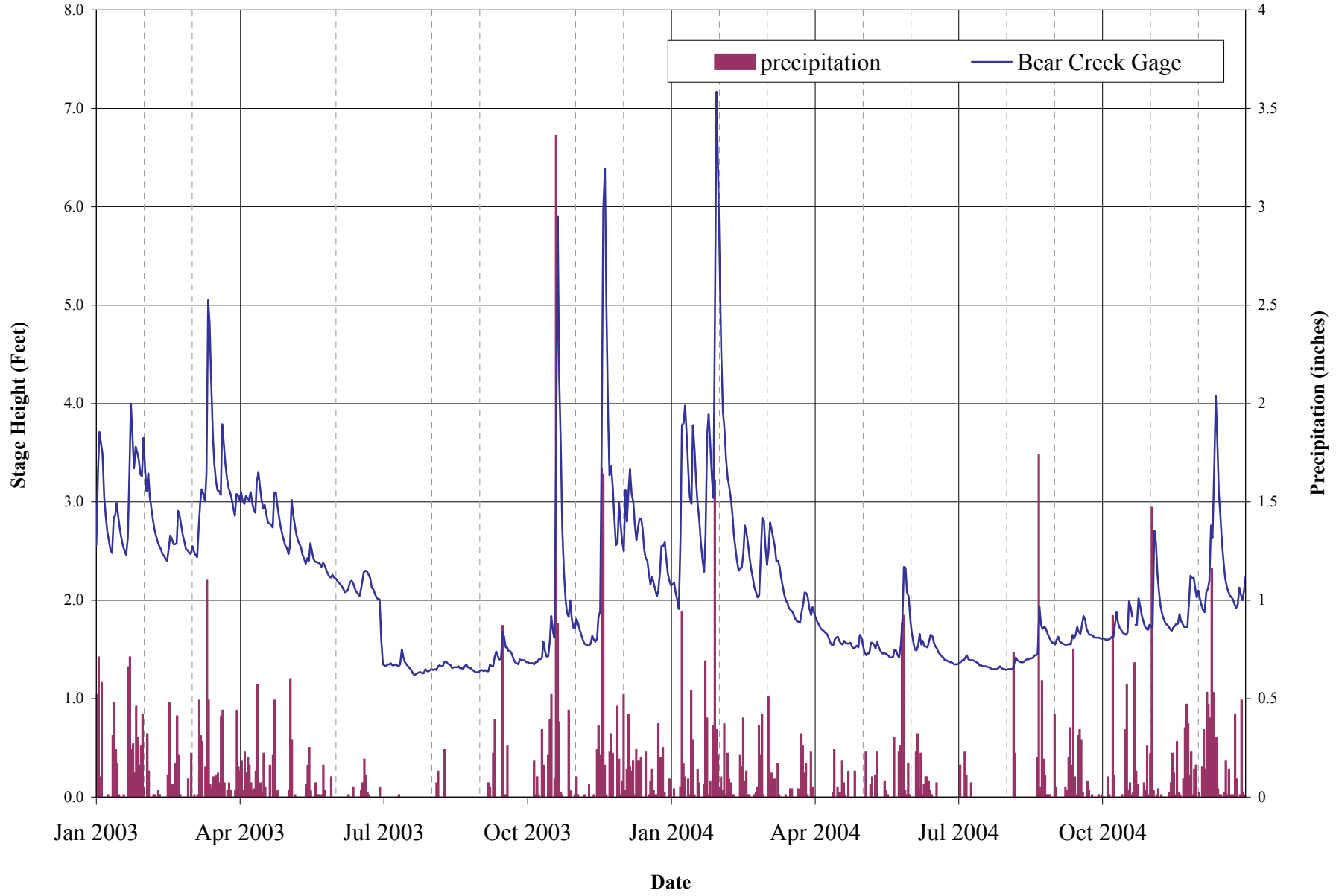
Appendix B

Water Quantity Data
2003 – 2004



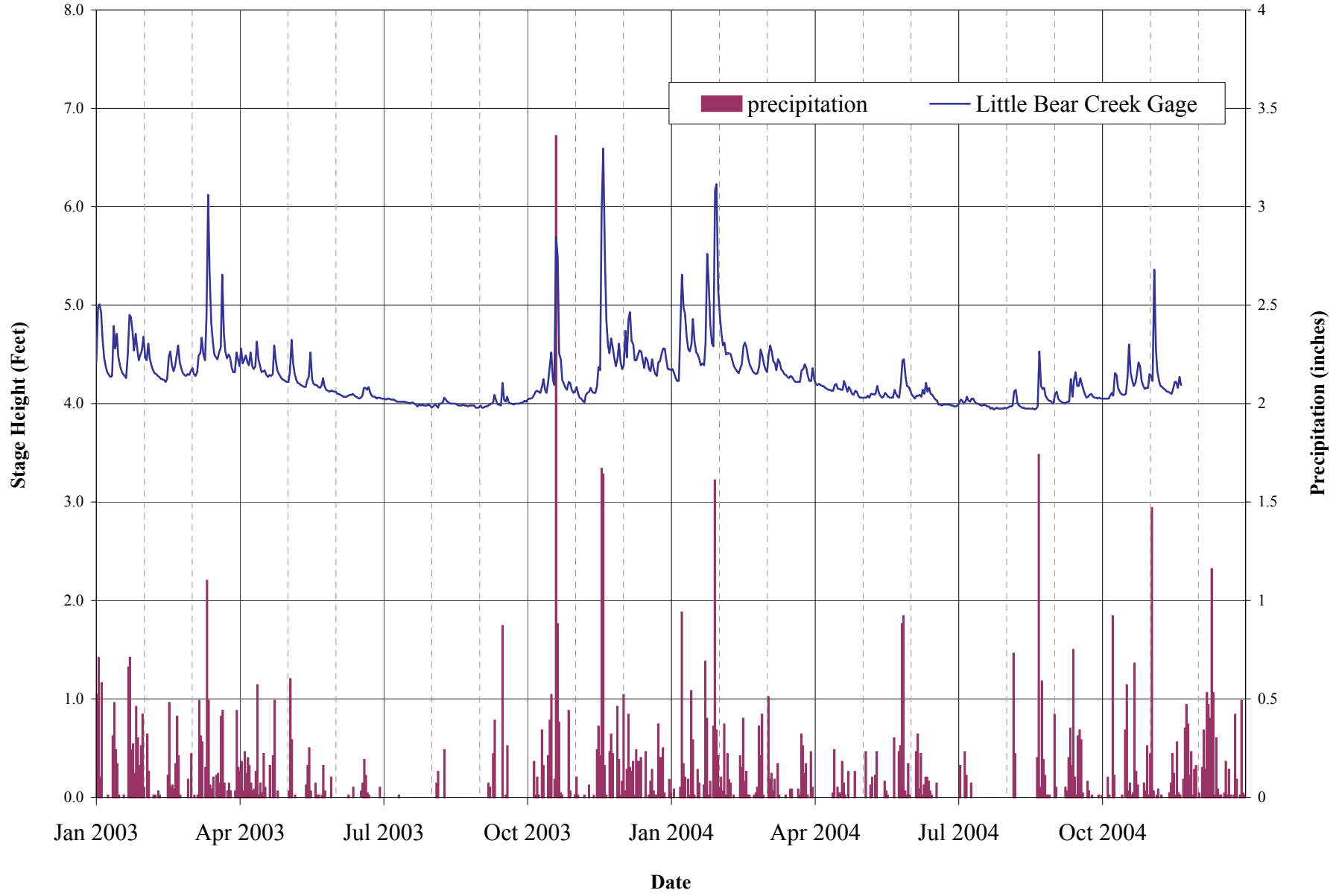
Sammamish River
Sammamish River Valley
King County, Washington

srv_stream_gage_data_2003-04, Sammamish River



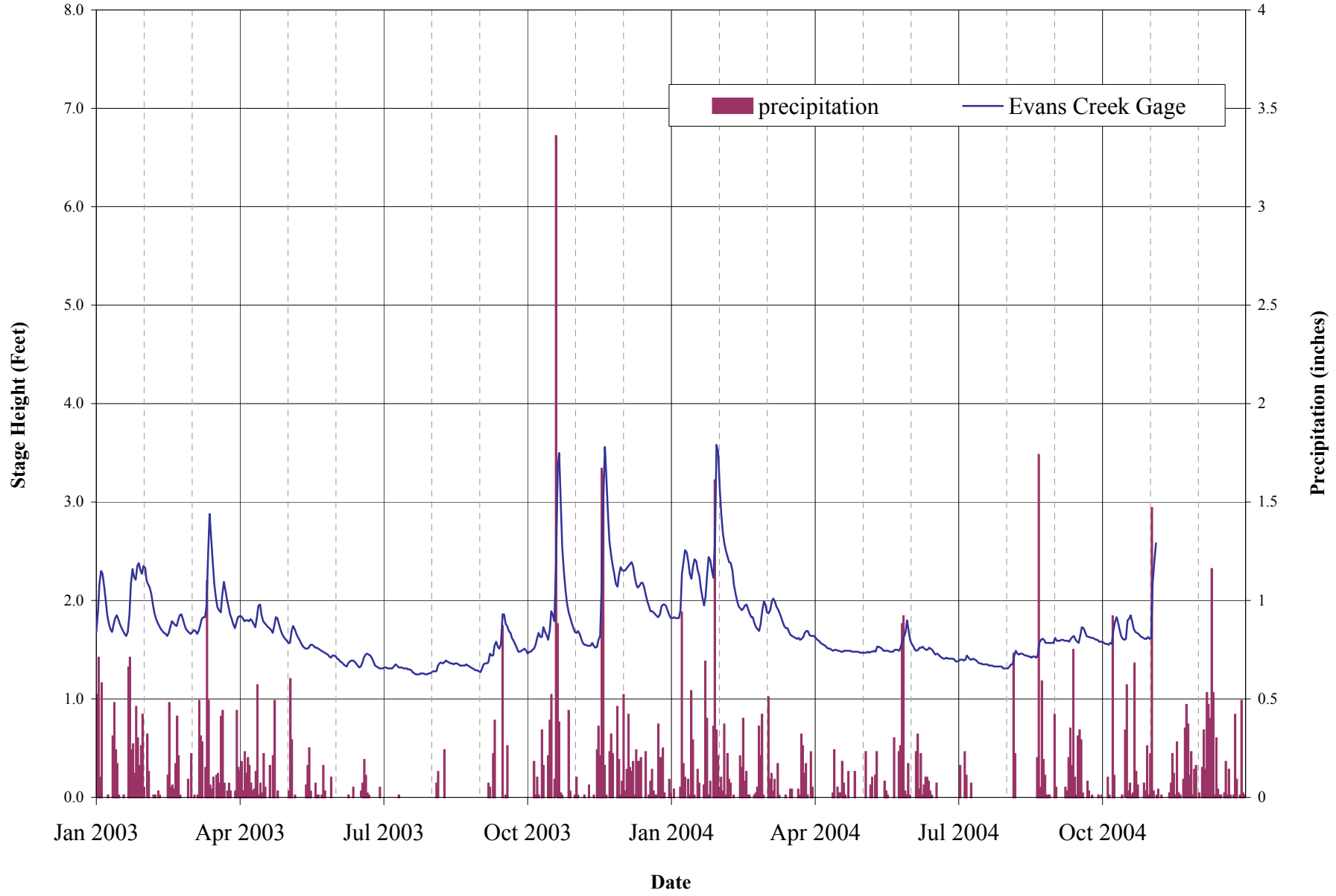
srv_stream_gage_data_2003-04, Bear Creek

Bear Creek
Sammamish River Valley
King County, Washington



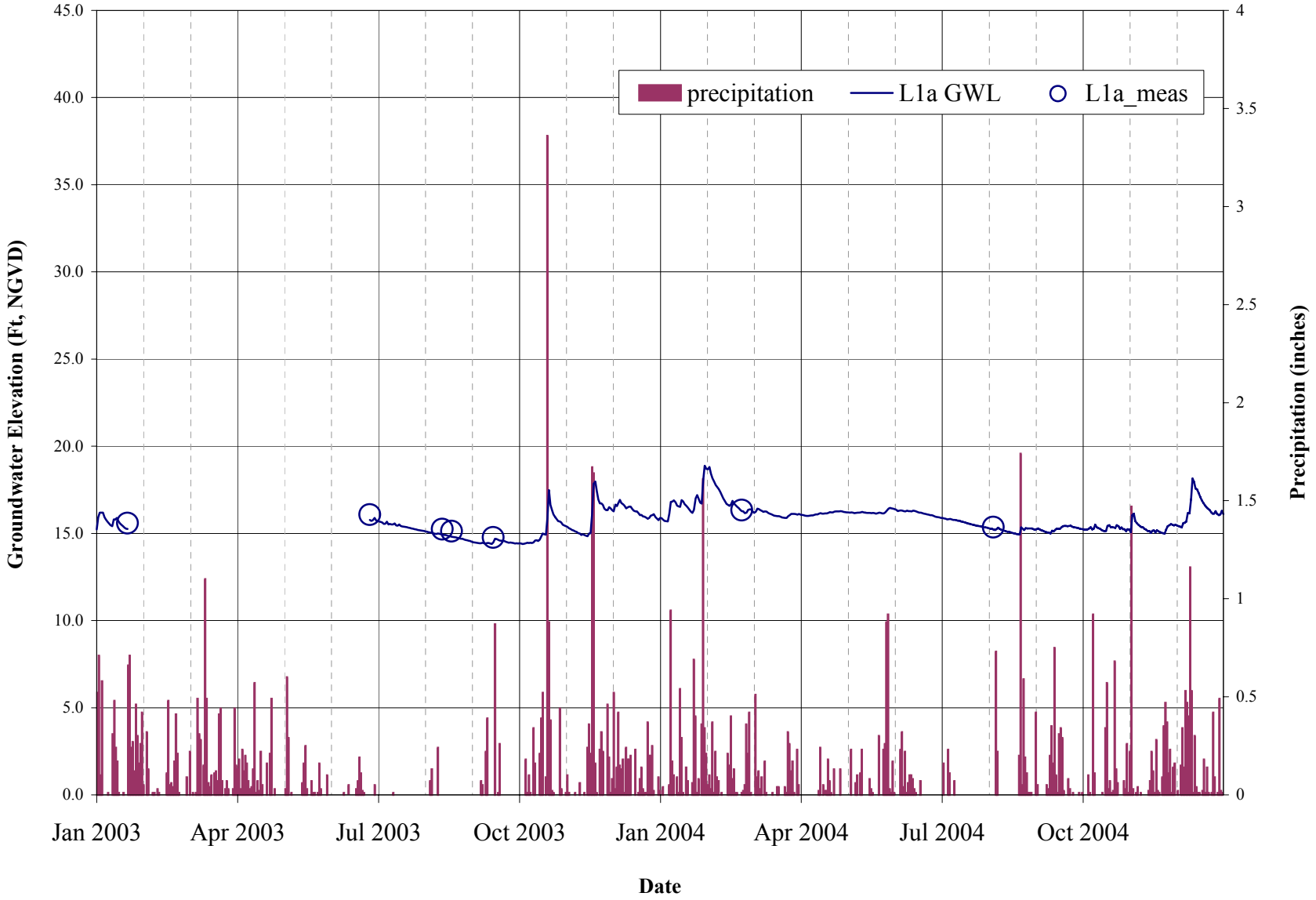
srv_stream_gage_data_2003-04, Little Bear Creek

Little Bear Creek
Sammamish River Valley
King County, Washington



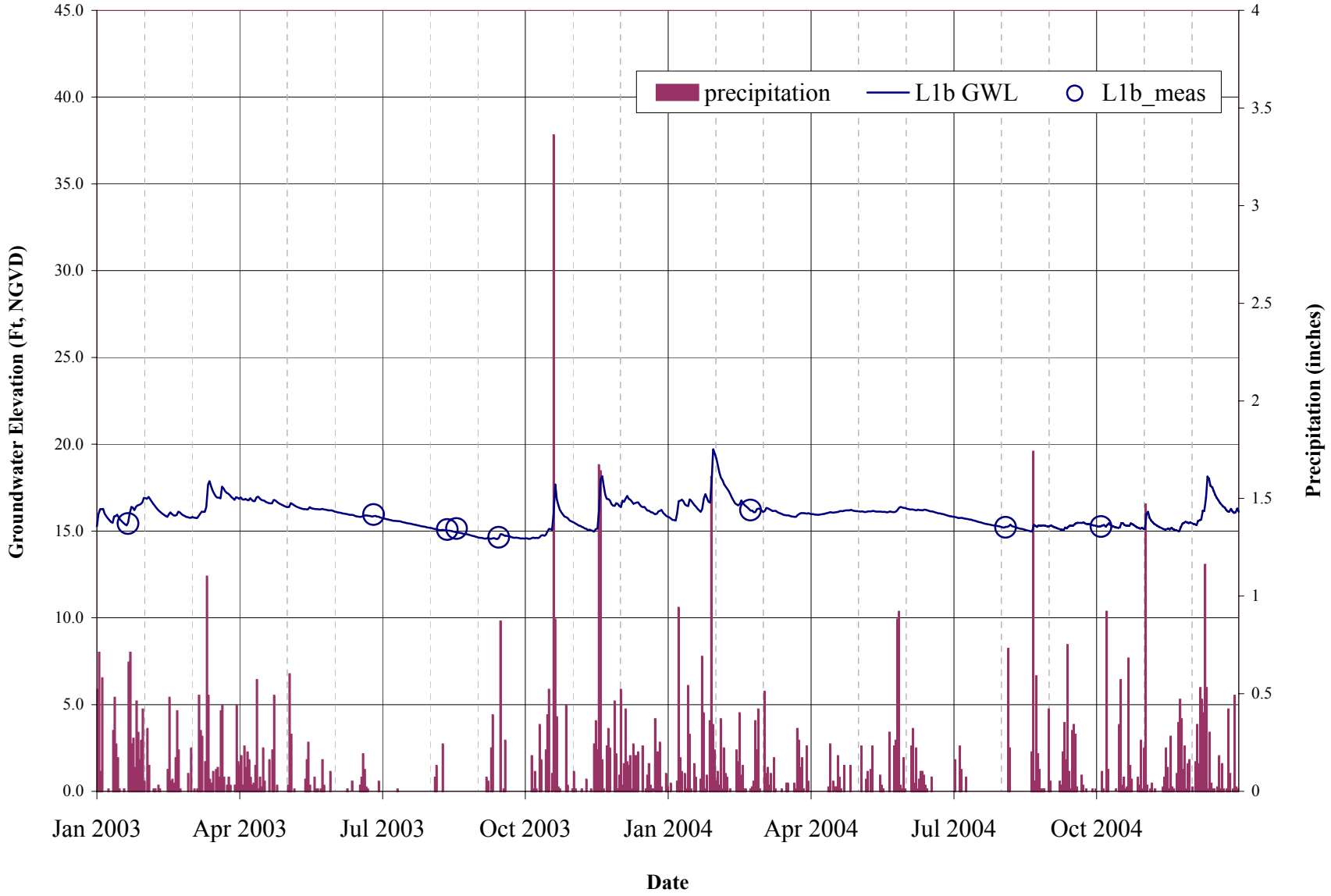
Evans Creek
Sammamish River Valley
King County, Washington

srv_stream_gage_data_2003-04, Evans Creek

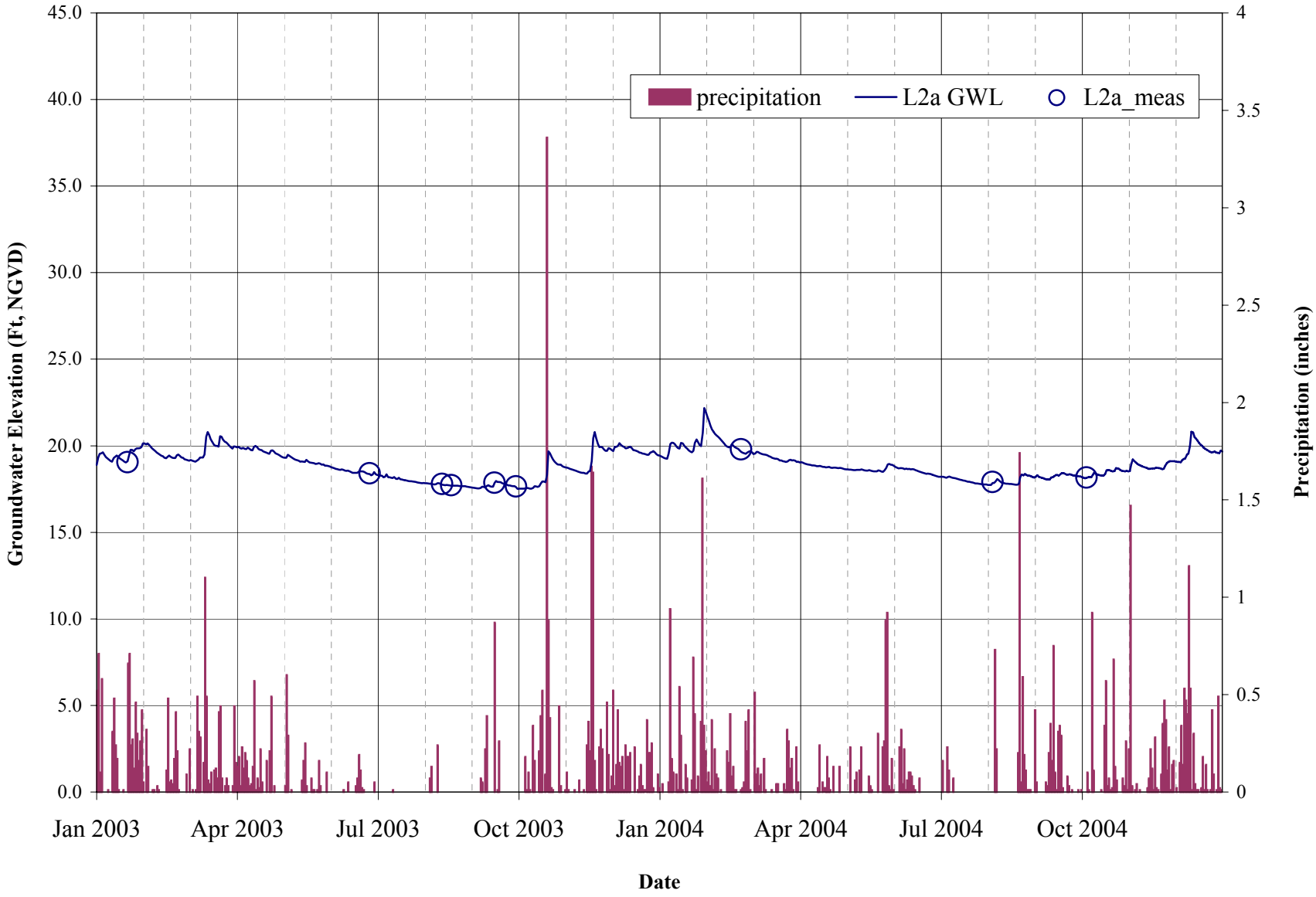


Note: The data from the level logger for a period between January and June 2003 were lost.

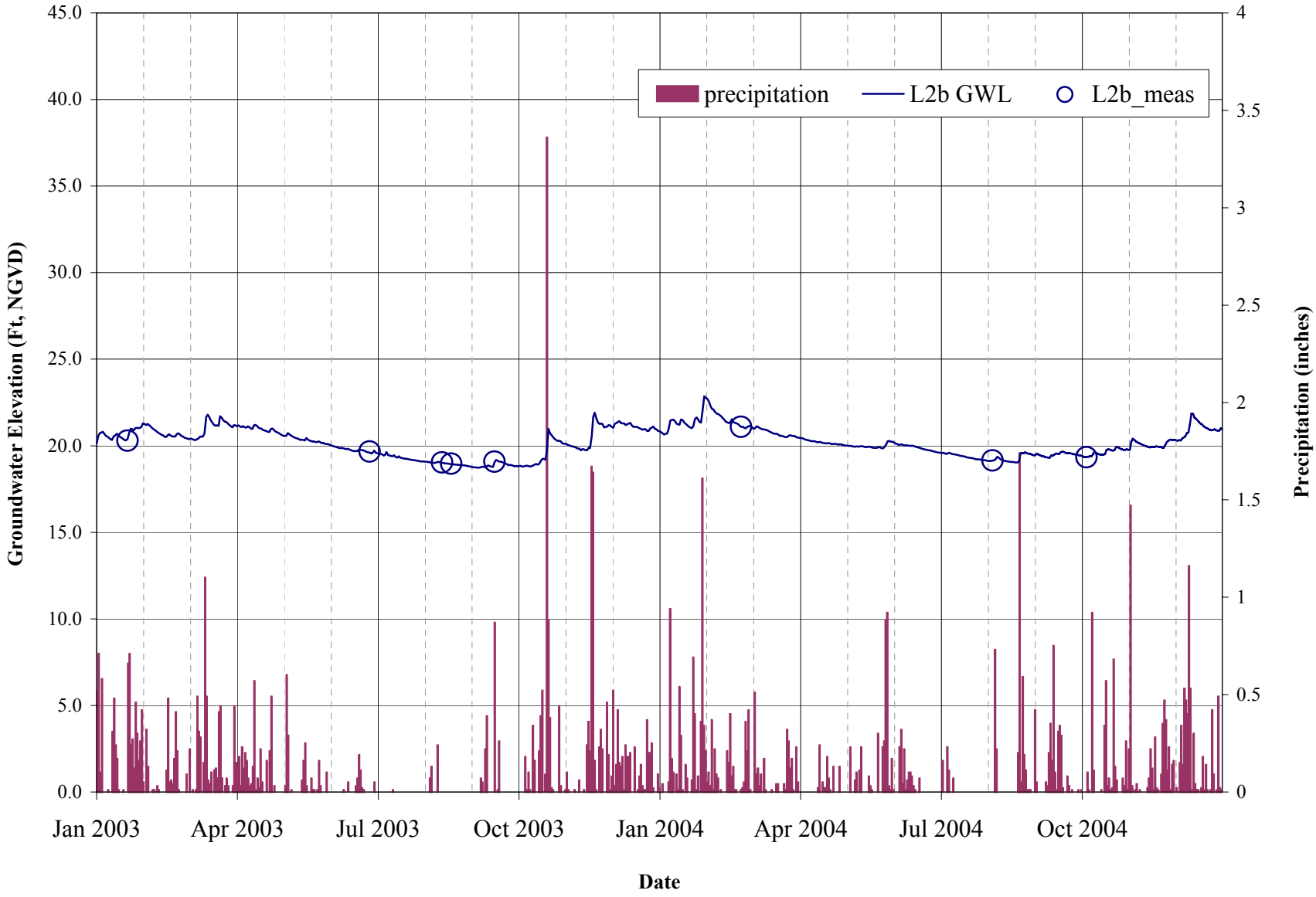
L1a
Sammamish River Valley
King County, Washington



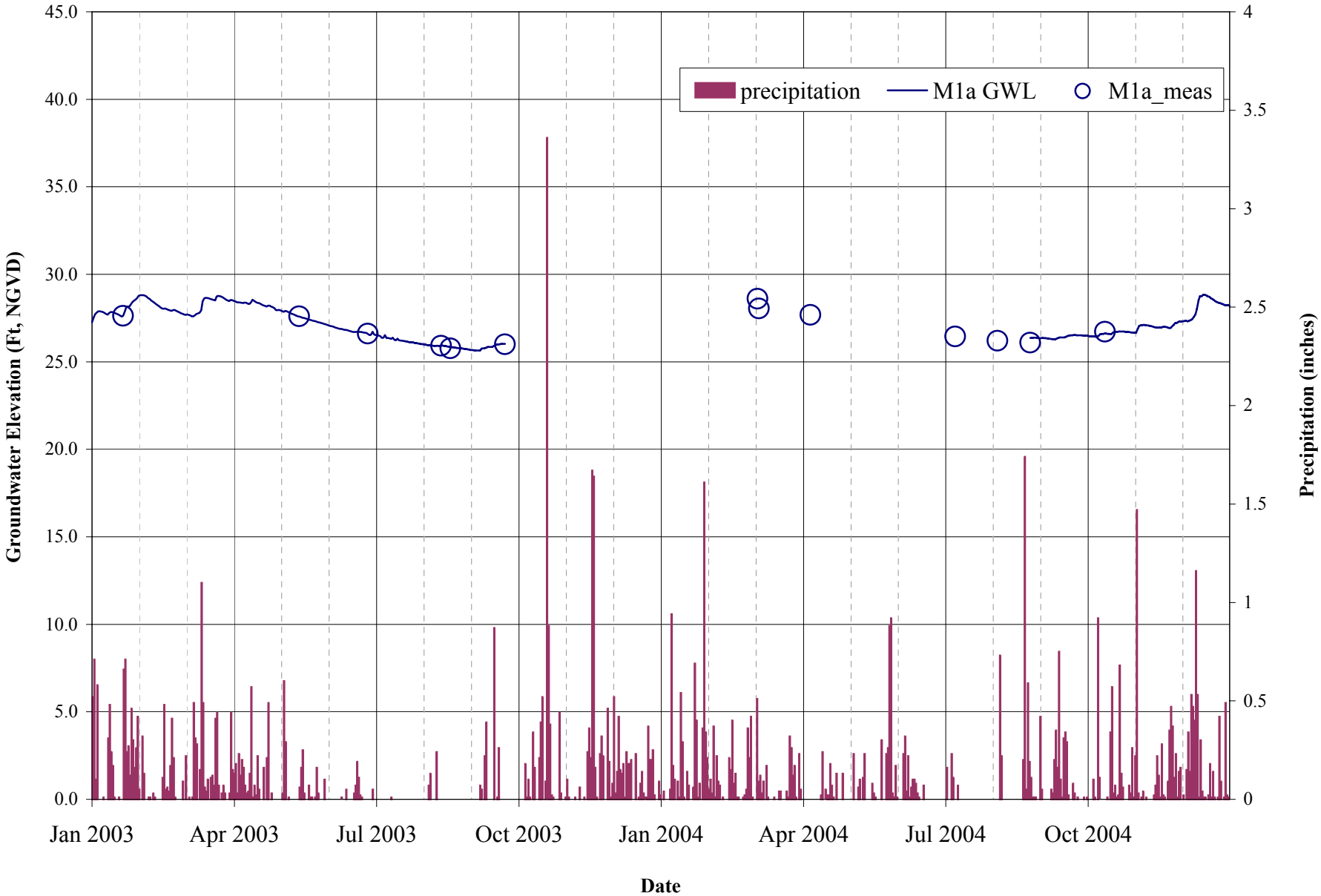
L1b
Sammamish River Valley
King County, Washington



L2a
Sammamish River Valley
King County, Washington



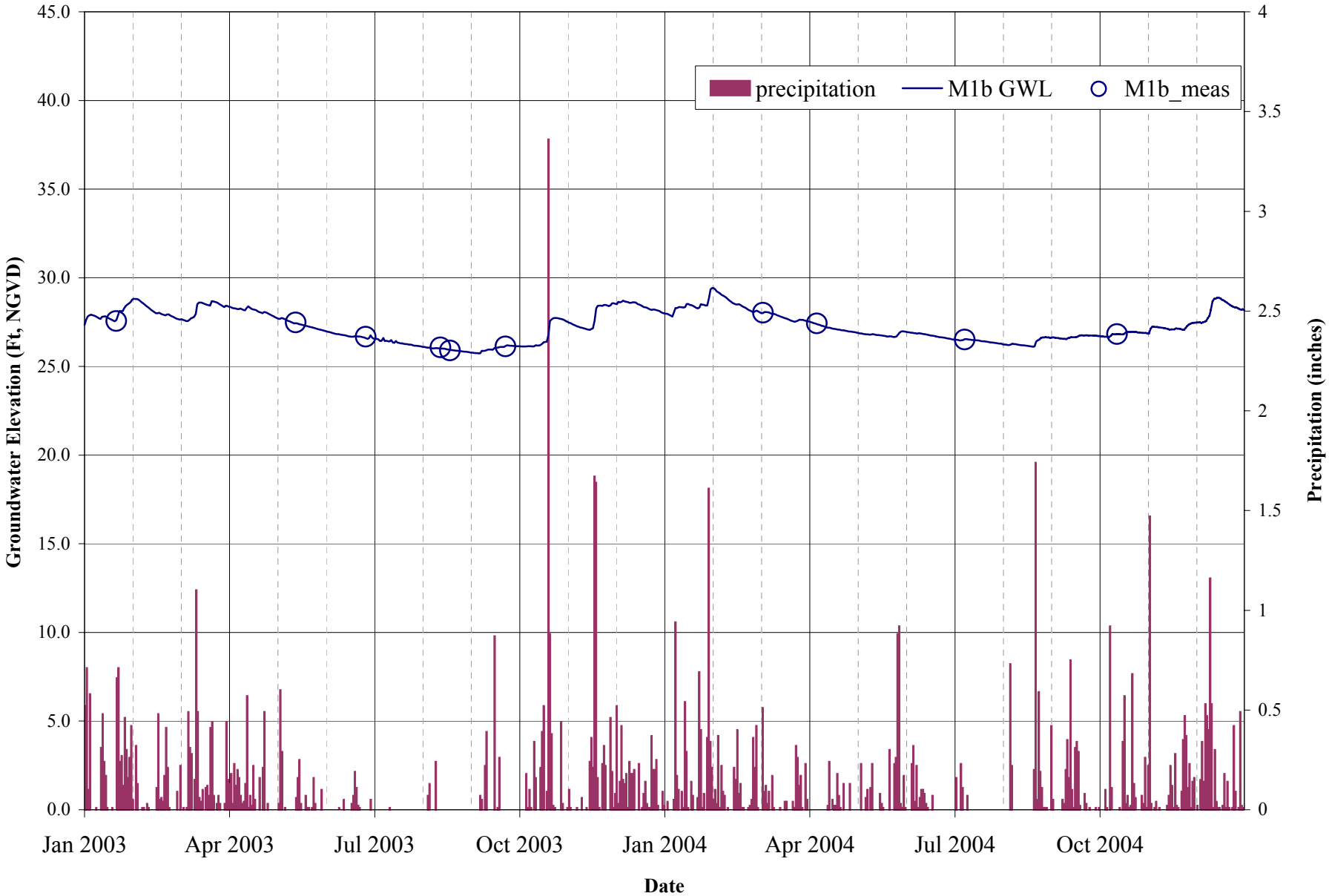
L2b
Sammamish River Valley
King County, Washington



Note: The transducer was dropped to the bottom of well M1a in September 2003 and could not be recovered. A new transducer was installed in the well in August 2004.

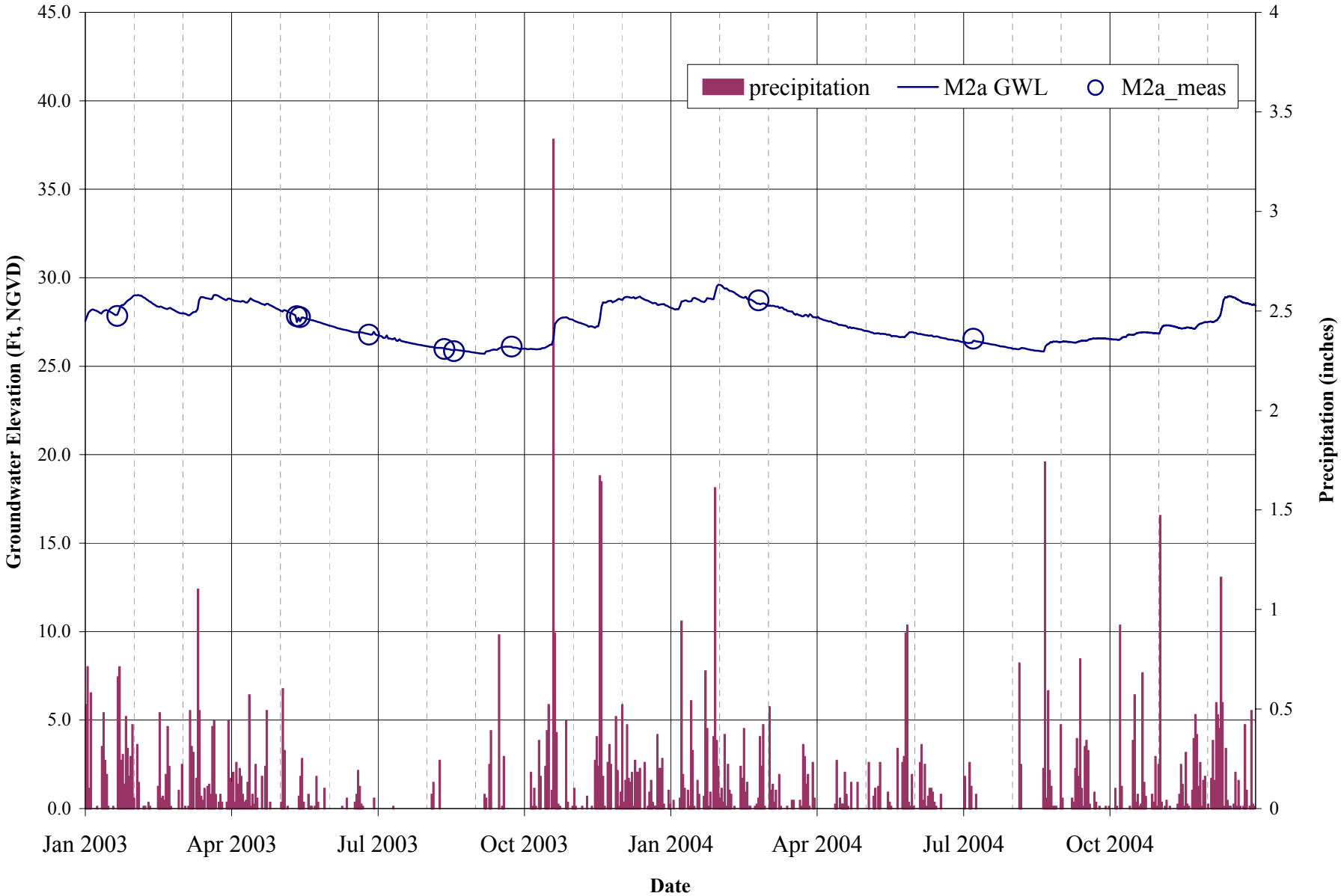
M1a
Sammamish River Valley
King County, Washington

Copy of Marymoor_1 Hydrographs, M1a



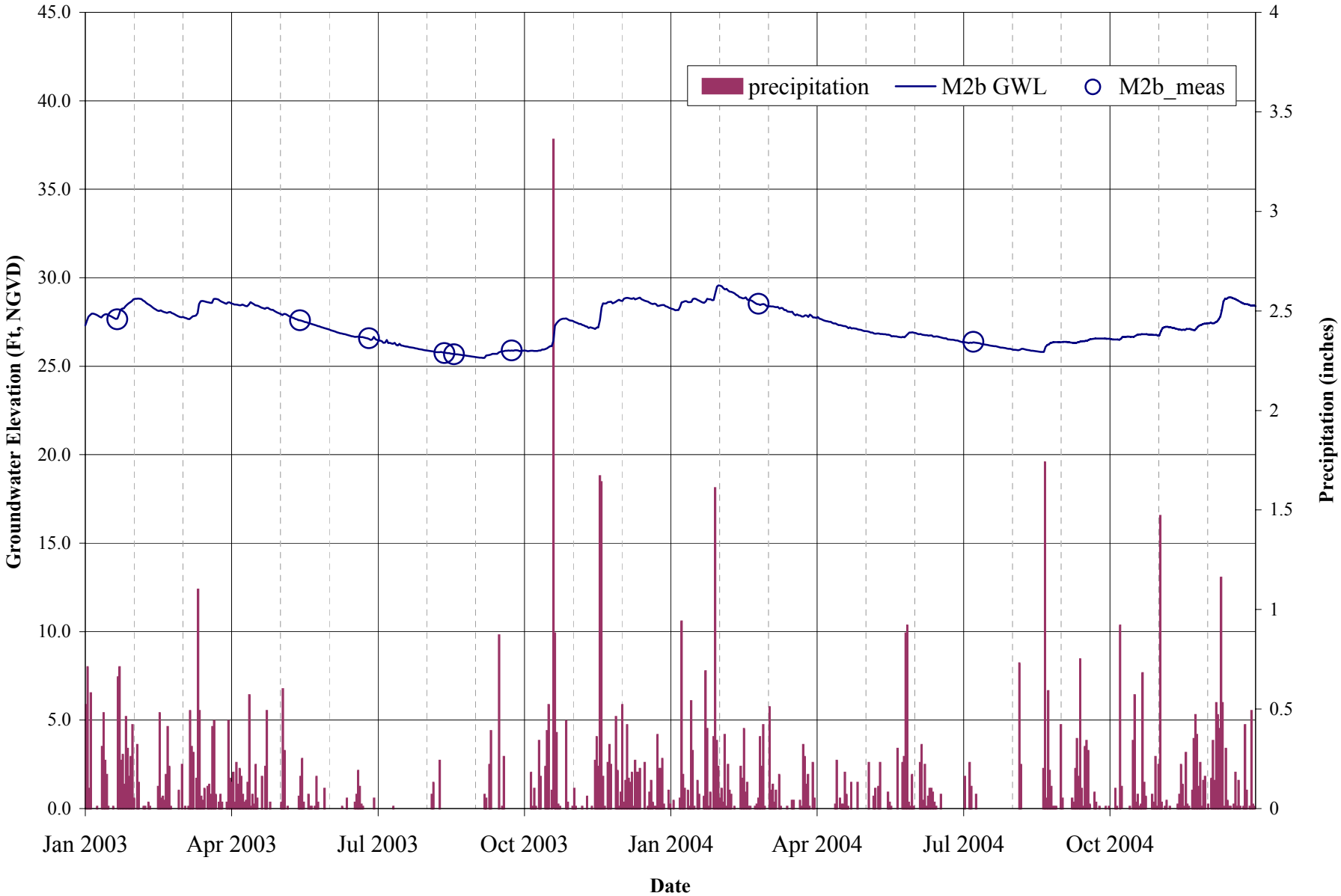
M1b
Sammamish River Valley
King County, Washington

Copy of Marymoor_1 Hydrographs, M1b



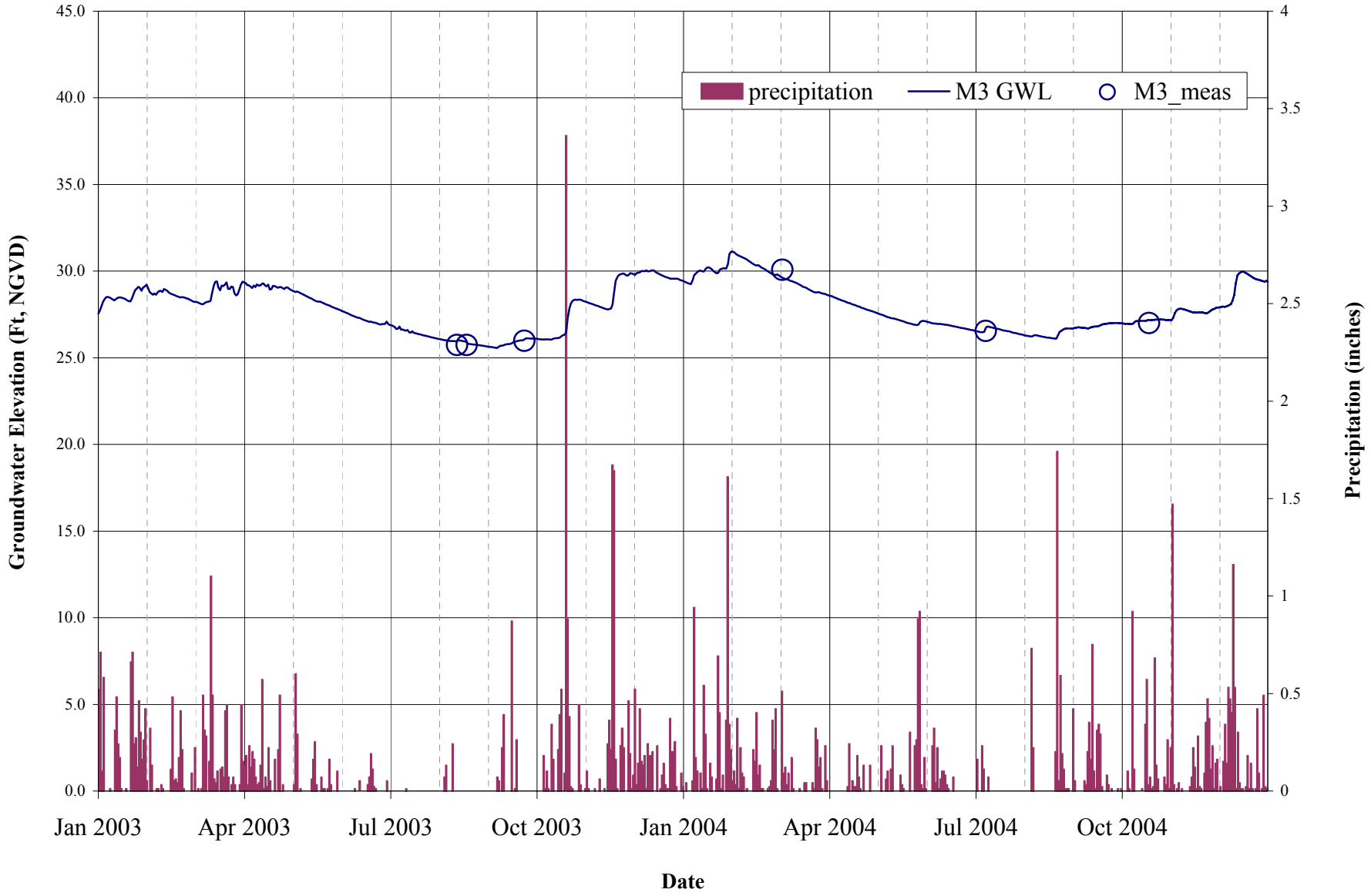
M2a
Sammamish River Valley
King County, Washington

Copy of Marymoor_1 Hydrographs, M2a



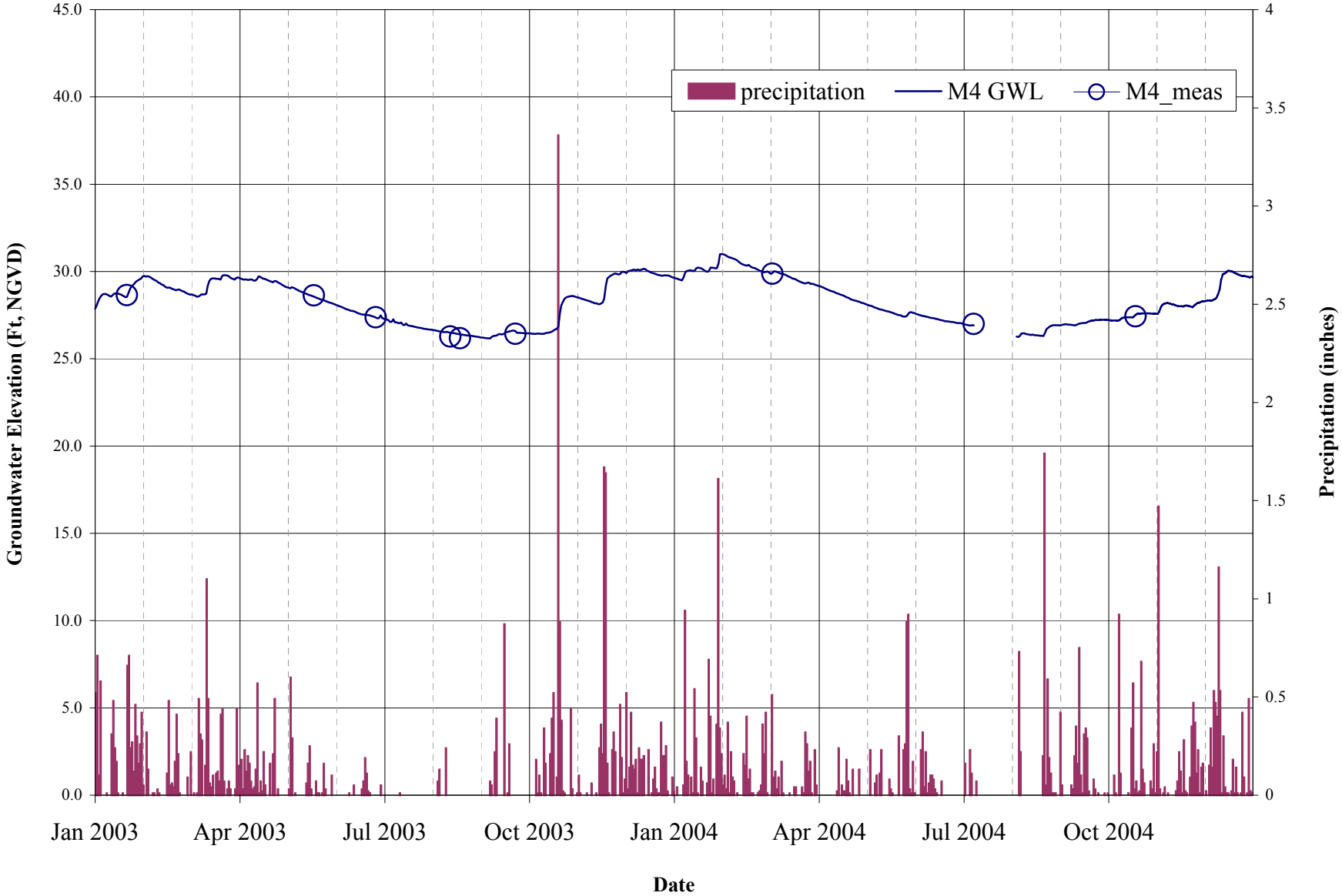
M2b
Sammamish River Valley
King County, Washington

Copy of Marymoor_1 Hydrographs, M2b



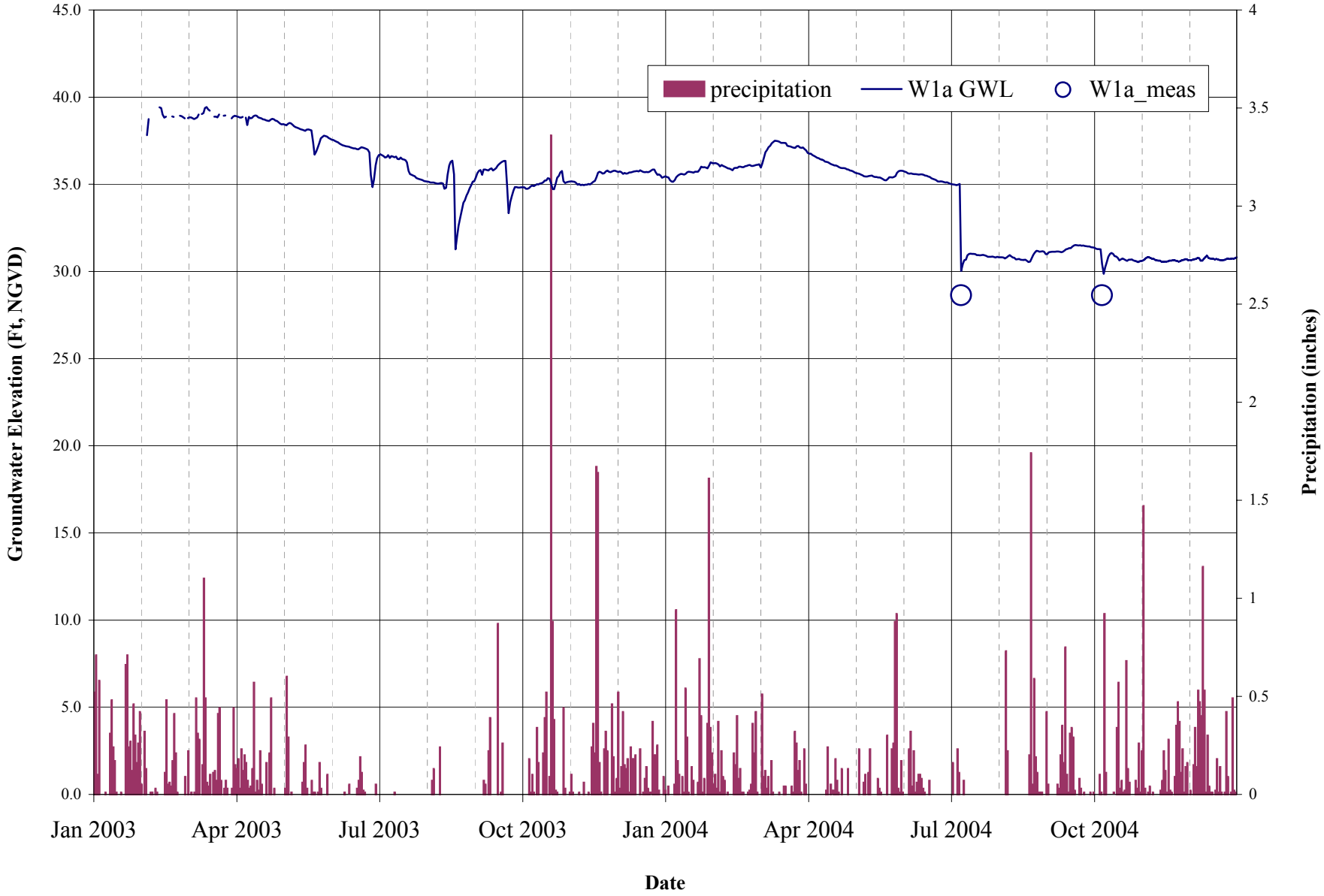
M3
Sammamish River Valley
King County, Washington

Marymoor_2 Hydrographs, M3



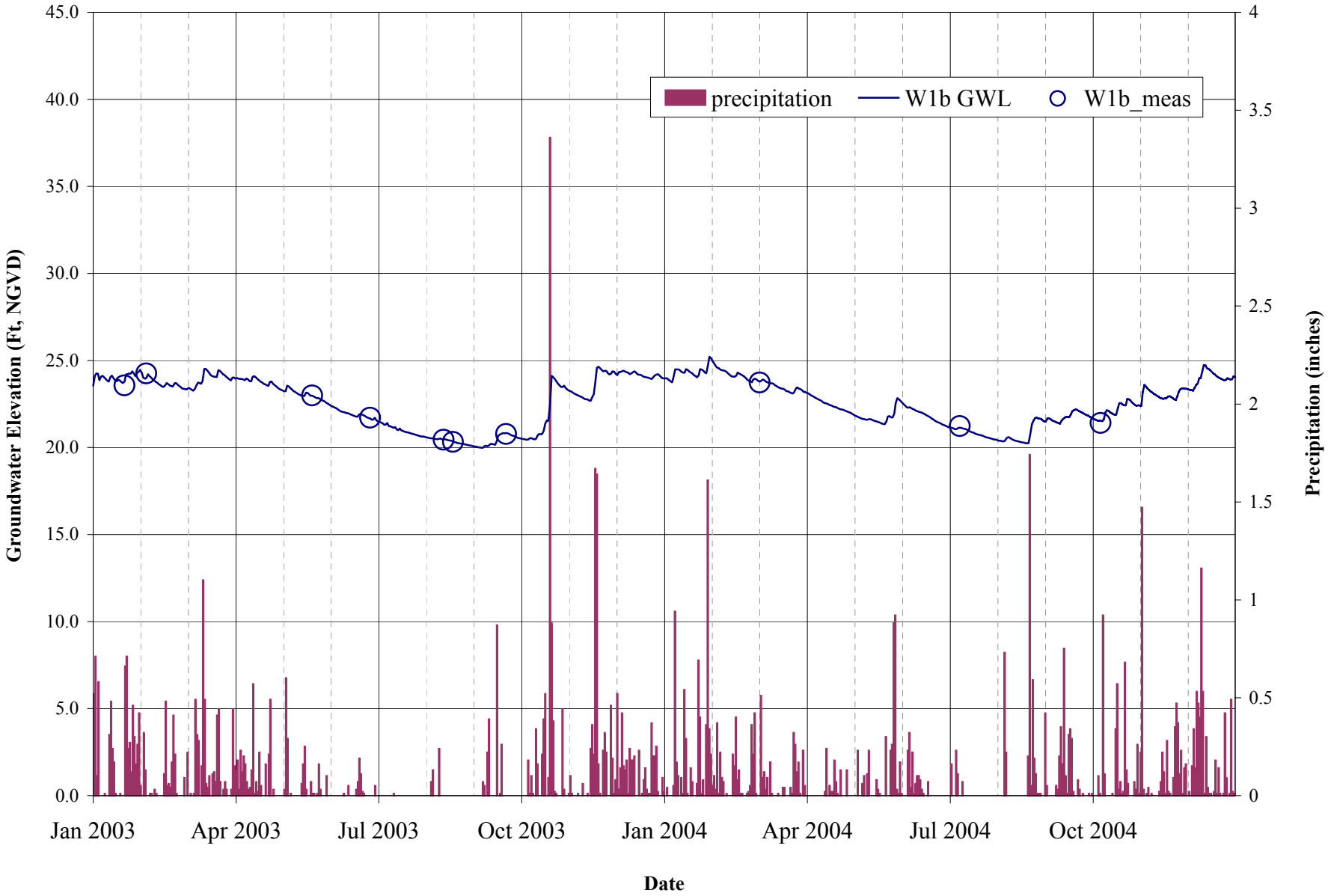
Note: The level logger stopped functioning between July and August 2004, creating a data gap.

M4
Sammamish River Valley
King County, Washington



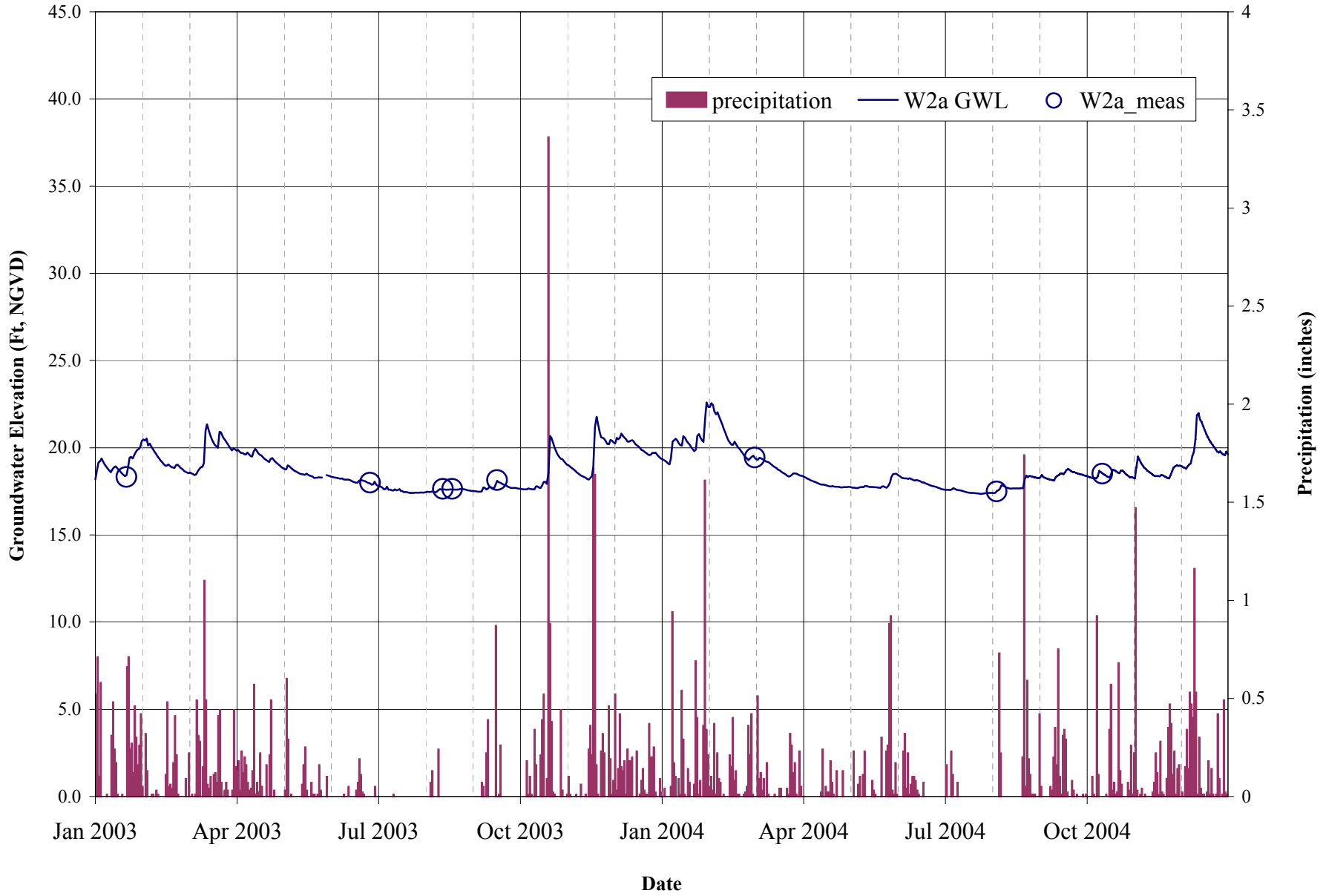
Note: The level logger data were adjusted beginning in July 2004 based on manual measurements.

W1a
Sammamish River Valley
King County, Washington



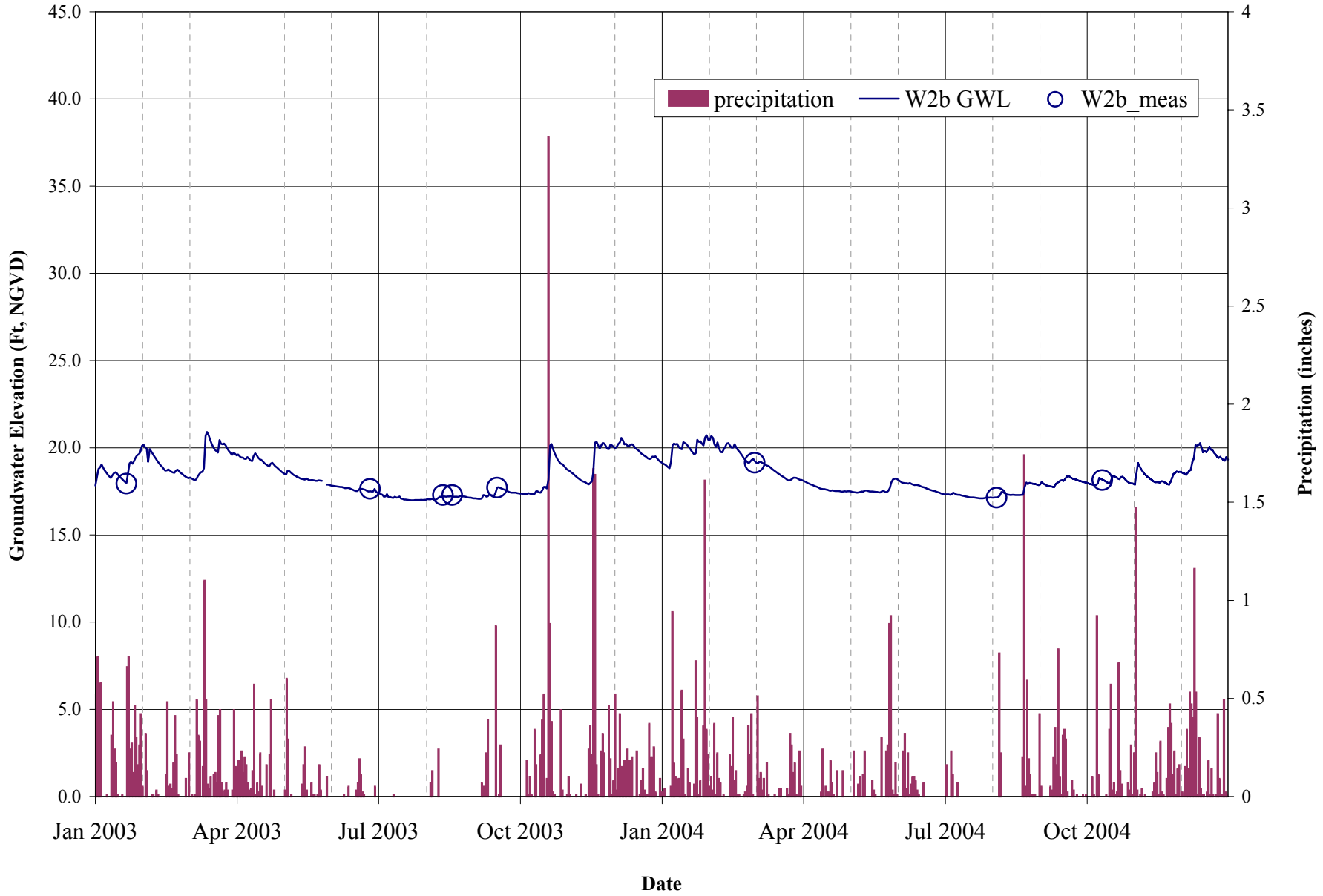
W1b
Sammamish River Valley
King County, Washington

60 acre_1 Hydrographs, W1b



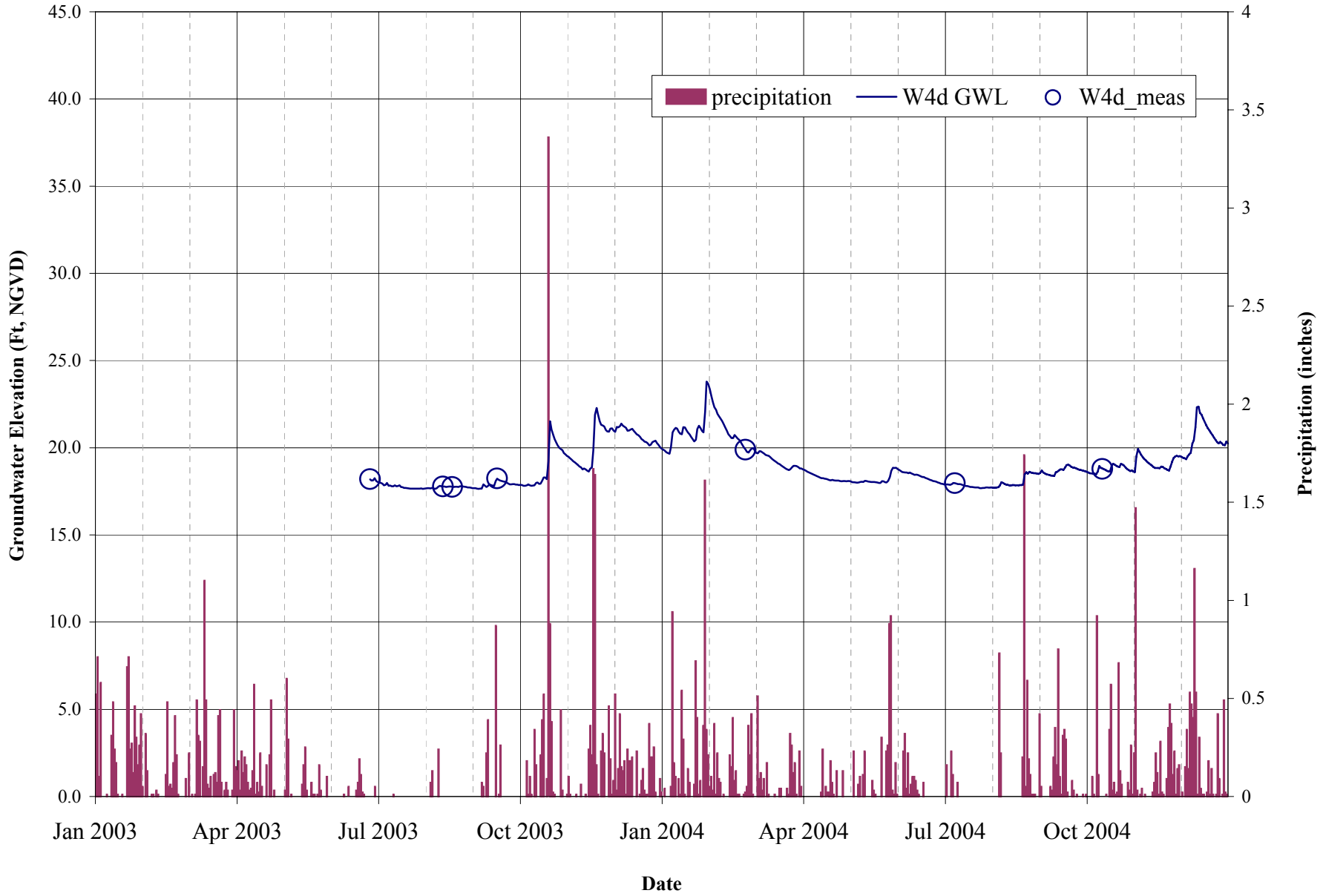
W2a
Sammamish River Valley
King County, Washington

60 acre_1 Hydrographs, W2a

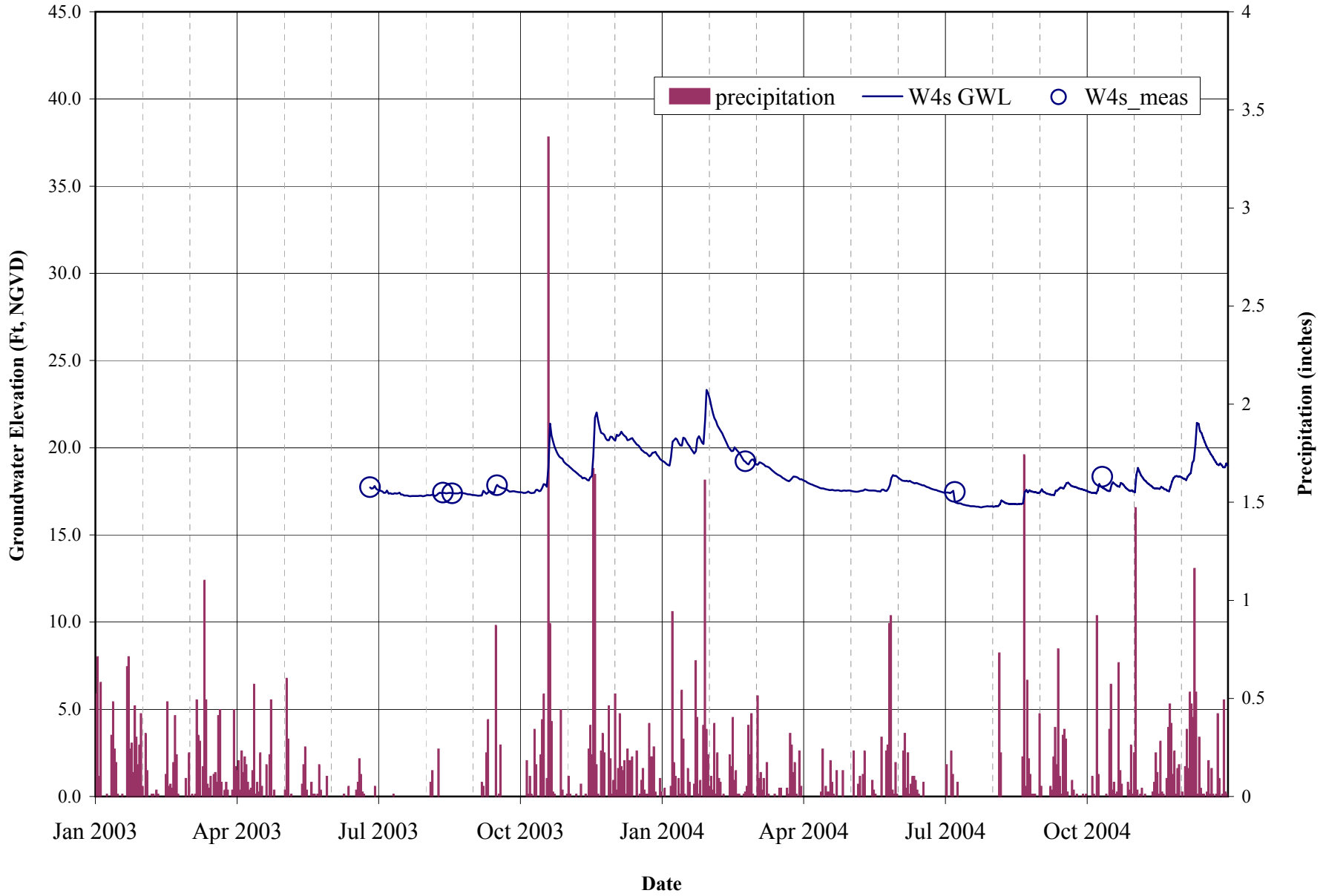


W2b
Sammamish River Valley
King County, Washington

60 acre_1 Hydrographs, W2b

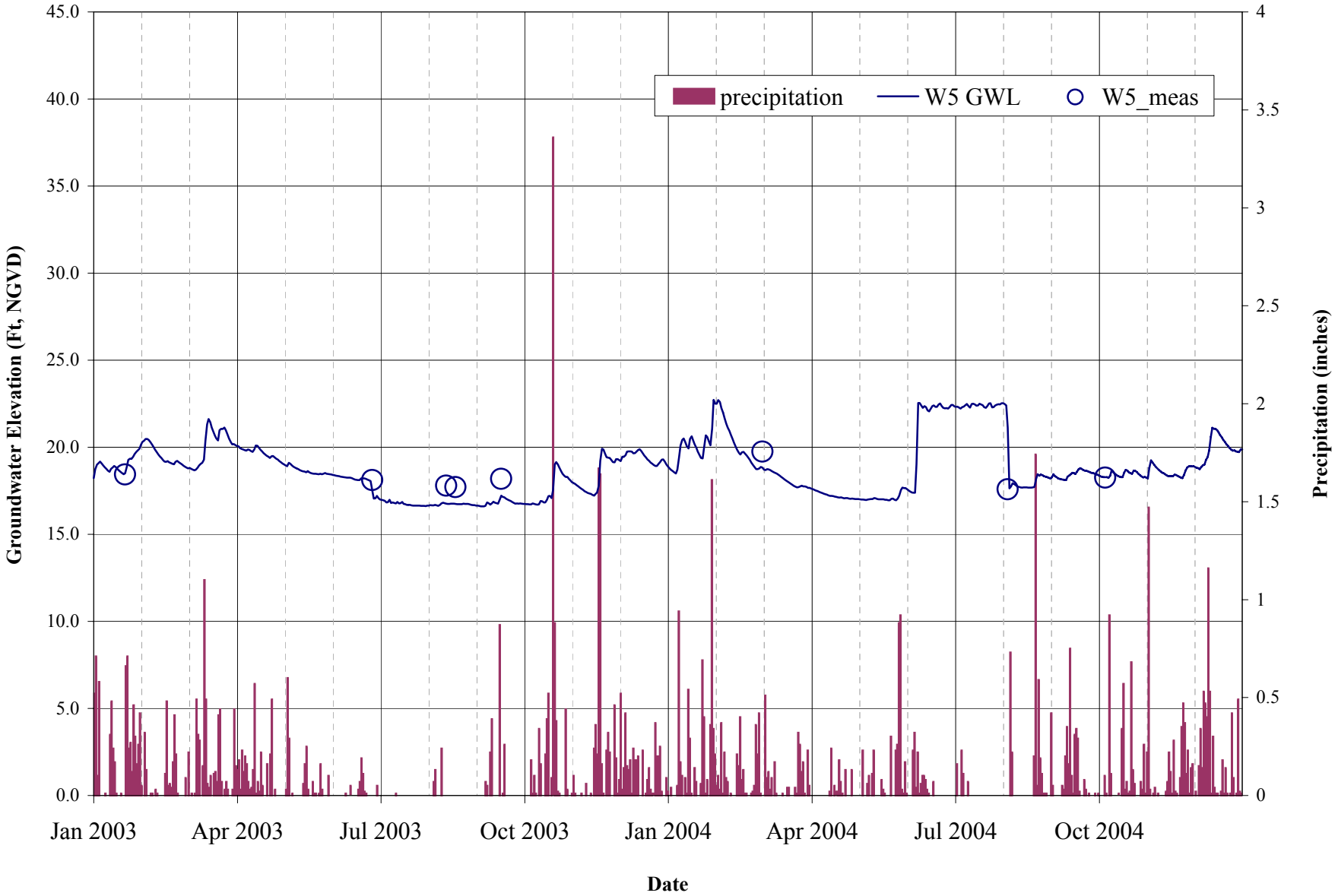


W4d
Sammamish River Valley
King County, Washington



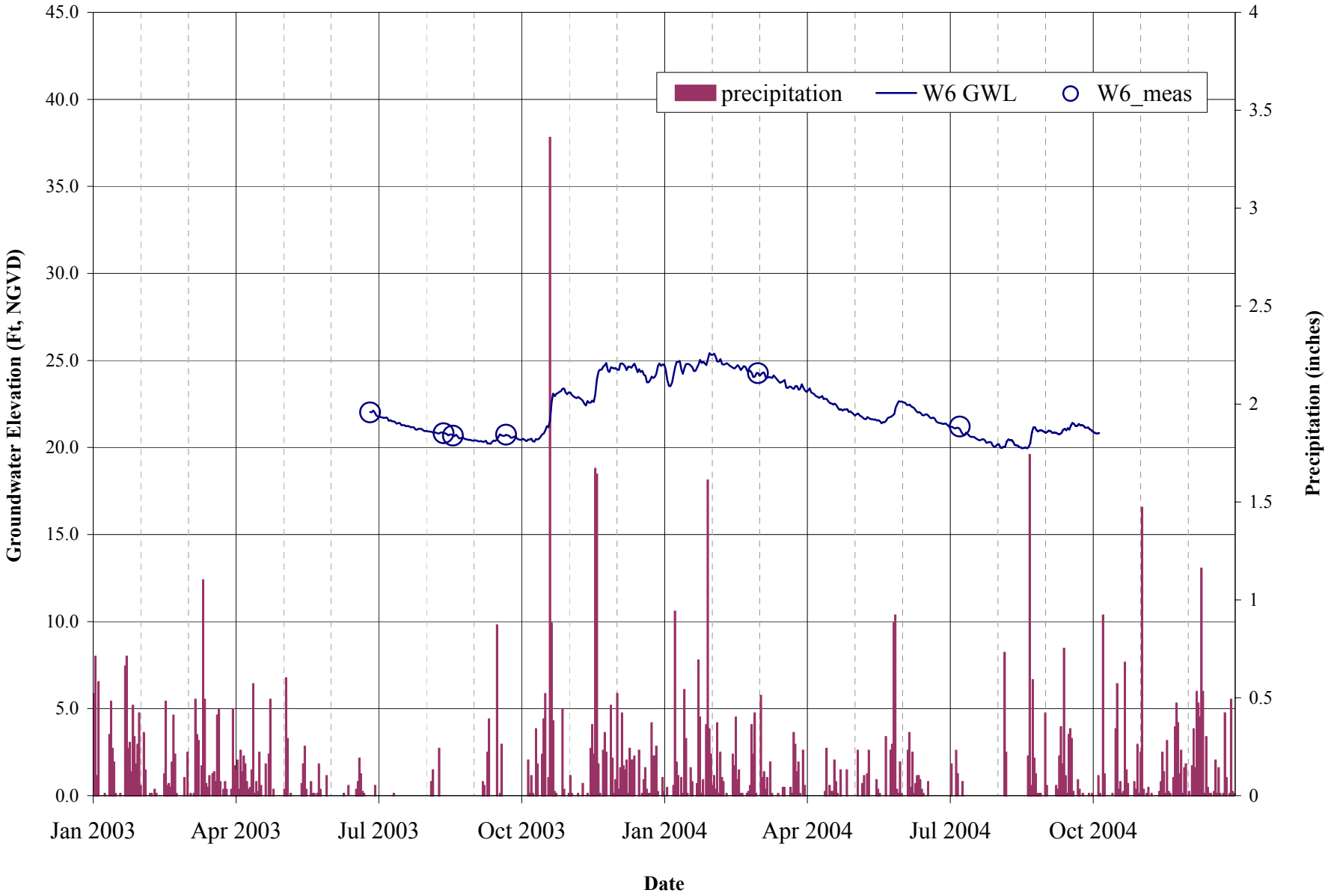
W4s
Sammamish River Valley
King County, Washington

60 acre_1 Hydrographs, W4s



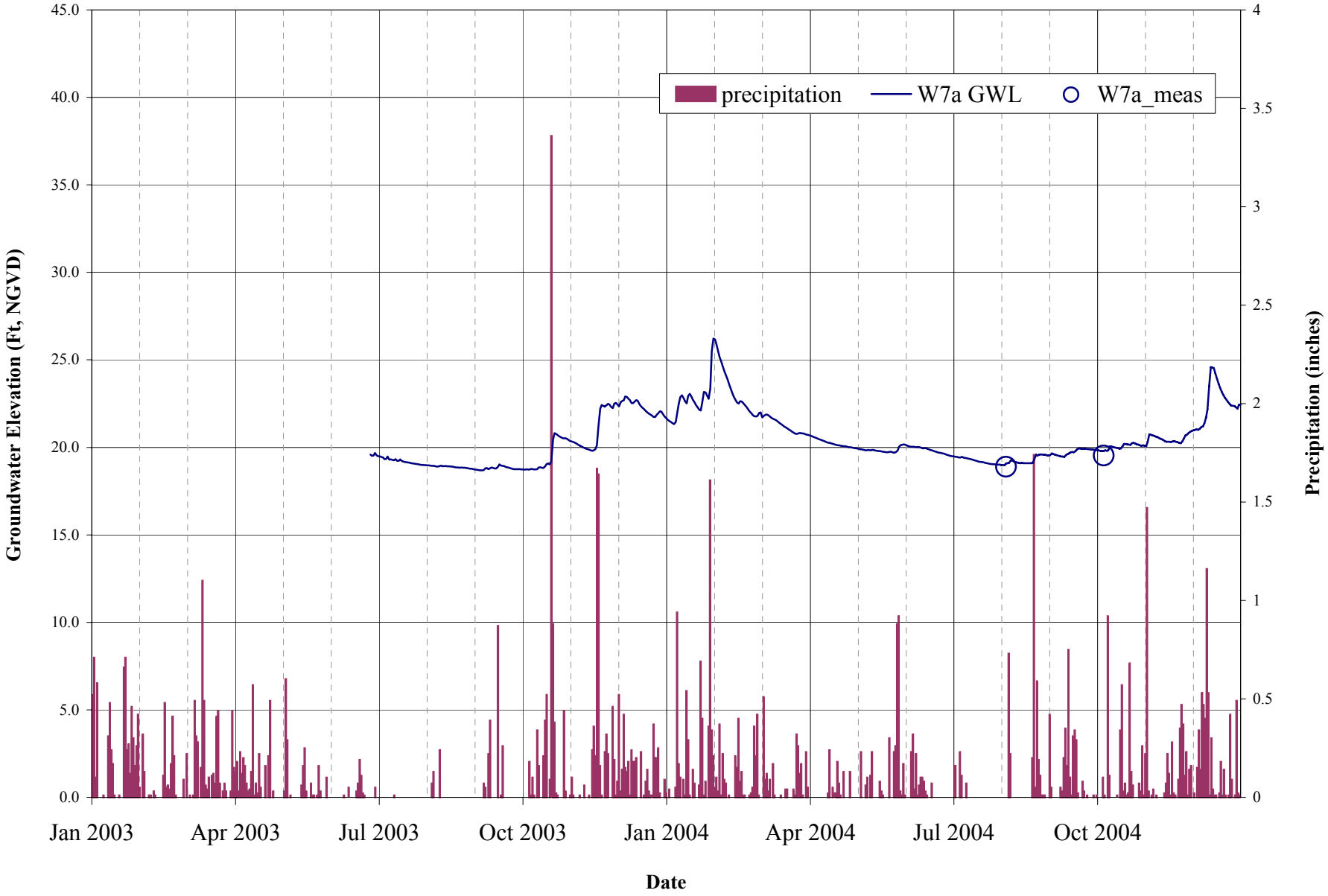
Note: The transducer was dropped to the bottom of well W5 in June 2004 and restored to its original position in August 2004, resulting in the discontinuity of the hydrograph for this period.

W5
Sammamish River Valley
King County, Washington



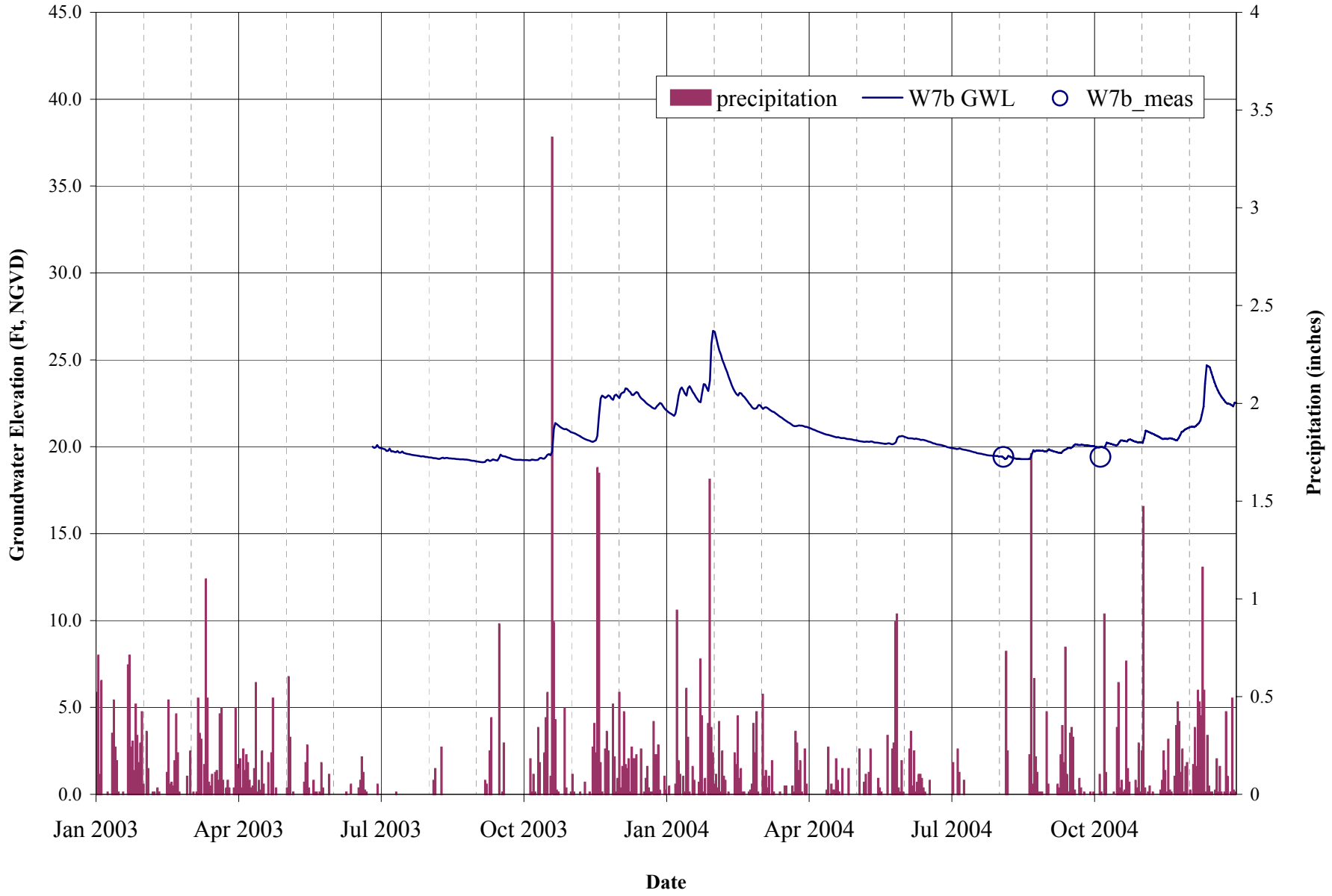
Note: The level logger was lost in October 2004, creating the data gap beginning in October 2004.

W6
Sammamish River Valley
King County, Washington



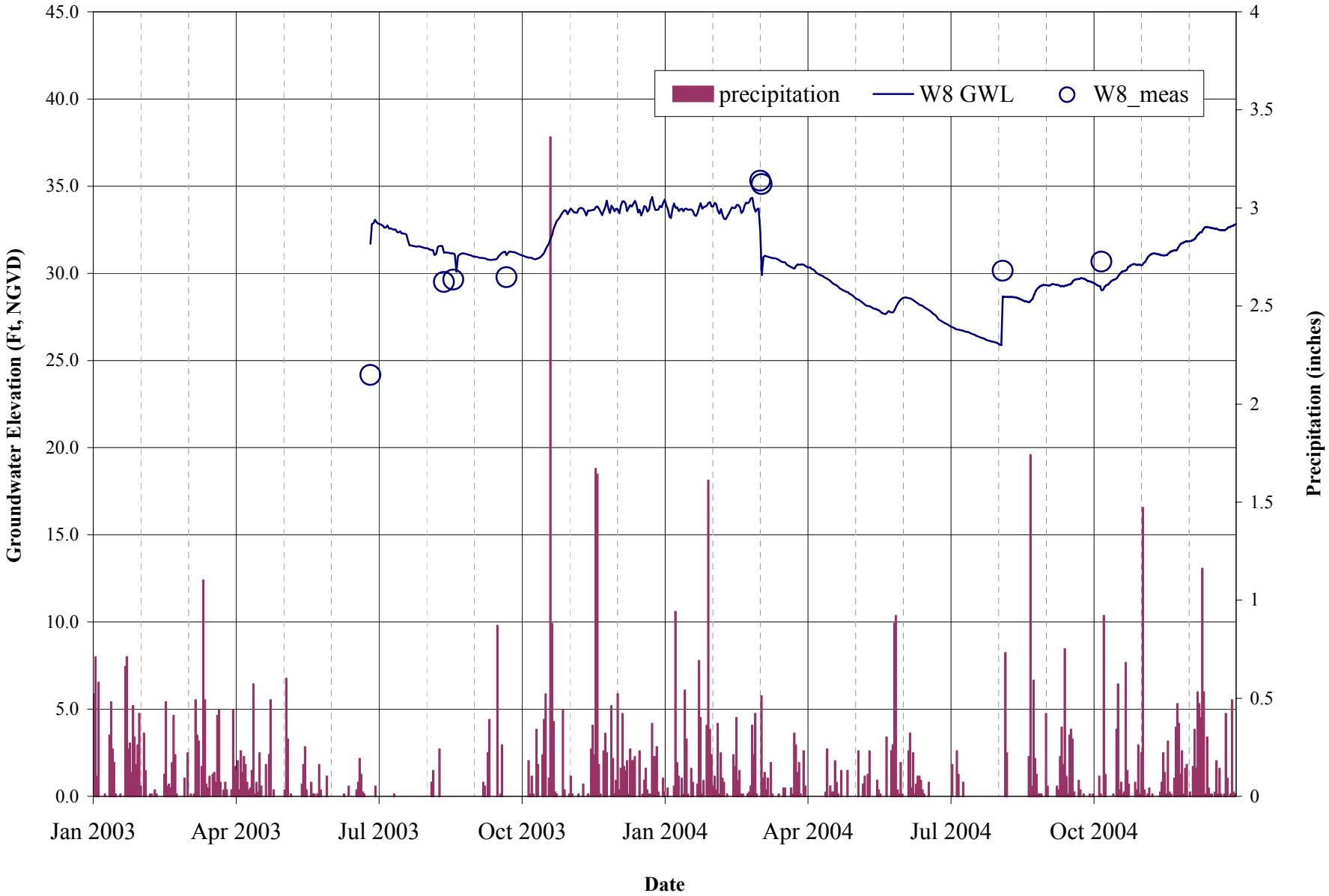
W7a
Sammamish River Valley
King County, Washington

60 acre_2 Hydrographs, W7a



W7b
Sammamish River Valley
King County, Washington

60 acre_2 Hydrographs, W7b



Note: The level logger data were above the threshold between October 2003 and February 2004. Values were adjusted in August 2004 based on manual measurements.

W8
Sammamish River Valley
King County, Washington