



Hidden Valley Lake Community Services District

19400 Hartmann Road
Hidden Valley Lake, CA 95467
707.987.9201
707.987.3237 fax
www.hvclcsd.org

January 29, 2019

Mr. Erik Ekdahl
Division of Water Rights
State Water Resources Control Board
P.O. Box 100
Sacramento, California 95812

**Re: License 13527A and Permit 20770B (Applications 30049A and 30049B,
respectively) Hidden Valley Lake Community Services District**

Dear Mr. Ekdahl:

In accordance with the Conditions of Hidden Valley Lake Community Services District's referenced License and Permit, enclosed are two copies of the final document "Coyote Valley Groundwater Basin 2018 Monitoring Report" dated January 2019.

Please contact me if you have any questions regarding the enclosed or any other aspect of this matter.

Sincerely,

Hidden Valley Lake Community Services District

A handwritten signature in black ink, appearing to read "Alyssa Gordon".

Alyssa Gordon, Water Resources Specialist

Encls.

cc: Kirk Cloyd, Hidden Valley Lake Community Services District (w/ encl)
Paula Whealen, Wagner & Bonsignore Consulting Civil Engineers (w/ encl)
John Hamner, Callayomi County Water District (w/ encl)
Peter Luchetti (w/ encl)
Peter Kiel (w/ encl)

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT

WATER RIGHT LICENSE 13527A (APPLICATION 30049A)

WATER RIGHT PERMIT 20770B (APPLICATION 30049B)

COYOTE VALLEY GROUNDWATER BASIN 2018 MONITORING REPORT

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WATER RIGHT PERMIT 20770B (APPLICATION 30049B)**

**COYOTE VALLEY GROUNDWATER BASIN
2018 MONITORING REPORT**

JANUARY 2019

Wagner&Bonsignore

Consulting Civil Engineers, A Corporation

2151 River Plaza Drive, Suite #100

Sacramento, CA 95833

(916) 441-6850

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INTRODUCTION

Water Right Permit 20770 (Application 30049) was issued by the State Water Resources Control Board (SWRCB) to Hidden Valley Lake Community Services District (District) on December 29, 1994. In accordance with the terms of the Condition 12 Settlement Agreement in the matter of the Upper Putah Creek Watershed Adjudication and as set forth in SWRCB Order WR 96-002, the District sought a License for the amount of water that had been perfected under its Permit as of December 31, 1995. On November 29, 2001 the SWRCB issued License 13527A and Permit 20770B pursuant to Applications 30049A and 30049B, respectively.

The District serves municipal water to the Hidden Valley Lake Subdivision, a 3,200-acre planned community situated in southeastern Lake County. The development consists of about 3,350 residential lots, an 18-hole public golf course, campgrounds, parks and open space. Treated wastewater from the District's wastewater treatment plant is used to supplement irrigation requirements for the golf course and parks.

License 13527A allows the District to divert up to 651 acre-feet annually from the underflow of Putah Creek by means of its Grange Road wells located in the Coyote Valley Groundwater Basin (Basin) for municipal purposes within the Hidden Valley Lake Subdivision. Permit 20770B provides for the District to divert an additional 1,649 acre-feet per year from the underflow of Putah Creek at its Grange Road wells and Agricultural Well for municipal use within the Subdivision, and for fish and wildlife preservation purposes within the Putah Creek corridor.

The conditions in Permit 20770 required the District to prepare a groundwater monitoring plan setting forth a program for construction of a series of dedicated monitoring wells and the collection and reporting of data pertinent to the seasonal groundwater levels within and surface water outflow from the Basin. This plan was submitted and subsequently approved by the State Water Resources Control Board on April 25, 1997. Conditions in License 13527A (hereinafter "License") and Permit 20770B (hereinafter "Permit") require the implementation of the groundwater monitoring plan.

The District is also required to prepare annual reports documenting compliance with the terms and conditions of its License and Permit. Accordingly, this report dated January 2019 is the annual report prepared pursuant to the 1997 Coyote Valley Groundwater Basin Monitoring Plan and presents the surface and groundwater data collected during calendar year 2018.¹ The following is a discussion of the activities of the District in compliance with the requirements set forth in the License and Permit.

¹ Tables, figures, appendices, and Plate 3 of this report were prepared by District personnel.

DISTRICT ACTIVITIES IN COMPLIANCE WITH LICENSE AND PERMIT CONDITIONS

PERMIT CONDITION 11

“Permittee shall implement the provisions of the Groundwater Monitoring plan prepared by consultant James C. Hanson, dated February 1997, and approved by the Chief, Division of Water Rights by letter dated April 25, 1997. Permittee shall prepare an annual report summarizing the information collected under the plan and demonstrating compliance with the terms and conditions of this permit. The report shall display in tabular or graphical form daily flow records from the Guenoc gage (or twice monthly Putah Creek flows if this gage is discontinued), amount of supplemental water provided for each intervening period, and any instantaneous flow measurements made during periods when target flows are not achieved. The annual report shall also list static water levels at all points of diversion, as well as water levels in other monitoring wells or piezometers specified in the Groundwater Monitoring Plan. A copy of the annual report shall be submitted to the Chief of the Division of water Rights by December 31 of each year.”

The February 1997 Groundwater Monitoring Plan proposed the construction of eleven monitoring wells in the Coyote Valley Basin, four of which are located along a line generally parallel to Putah Creek and seven of which are located in the Crazy Creek drainage along a line perpendicular to Putah Creek. The monitoring wells are described in Table 1 and their locations shown on Plate 1.

Water level measurements for Grange Road wells GR1 and GR2 (Points of Diversion #1 and #2) were taken periodically beginning in 1984 and monthly since 1990. Monthly monitoring of Grange Road well GR3 (Point of Diversion #3) began in 1995. In October 2002, Grange Road well GR1 (Point of Diversion #1) failed and was immediately removed from service. In February 2003, the District installed Grange Road well GR4 at the same location to replace the failed GR1 well. GR4 will be considered as Point of Diversion #1 for purposes of diversion and reporting under the License and Permit. Monthly monitoring of GR4 began in July 2003.

The Agricultural Well (Point of Diversion #5) was added to the Permit and monthly monitoring began in February 1999. The District has not yet constructed the well named as Point of Diversion #4 in its Permit.

The District began monthly monitoring of wells TP 1, 2 & 3 in 1995, and wells MW 1, 2, 3 & 4 in 1996. Monitoring well MW-5 was constructed in June 1998 and has been monitored monthly since that time.

Monthly water surface elevations in the monitoring wells are tabulated on Table 2 and shown graphically on Plate 3. The geotechnical / drilling reports and boring logs for the Grange Road wells and the monitoring wells are contained in the Appendices to the 1997 Monitoring Plan, and in the 1998 and 2003 Annual Reports. They are also included as Appendix 2 of this report. Additionally, profiles of the 2018 spring and fall groundwater surface elevations at the monitoring wells (delineated on Plate 1 as Sections A-A' and B-B') are attached hereto as Plate 2.

PERMIT CONDITION 13

“Permittee shall continue the joint funding agreement between permittee, Callayomi County Water District, and Solano County Water Agency for operation of the Putah Creek near Guenoc gaging station by the U.S. Geological Survey, posting of real time discharge measurements on the USGS Internet website, and publishing of data in the annual Water-Data Report.

In the event funding of this gaging station is no longer feasible, permittee shall either install and properly maintain a device, acceptable to the Chief of the Division of Water Rights, which is capable of measuring the flow of Putah Creek at the Guenoc gage site, or otherwise make instantaneous measurements of flow at this point. Such device or measurements shall employ instrumentation and methodology comparable with USGS streamflow measurement standards. Permittee shall make and record flow measurements twice a month, on or about the first and fifteenth of each month, starting on July 15 and ending on October 15 of each year.”

For the period 1993 through 1995, instantaneous discharge measurements of Putah Creek at the easterly end of Coyote Valley were made sporadically during the summer and early fall. In 1996 and 1997 instantaneous discharge measurements were made bimonthly. These measurements were made using a current meter or Parshall flume and are shown in Table 3.

In April 1998, the surface water gaging station “Putah Creek near Guenoc” (Station #11453500) was reestablished through a joint funding arrangement between Hidden Valley Lake Community Services District, Callayomi County Water District and Solano County Water Agency.

The gaging station is operated and maintained by the U.S. Geological Survey (USGS), and the data is published in its Annual Water Data Reports. The daily discharge data for the months July through October for the years 1998 through 2018 are shown on Table 4. Discharge measurements are posted on a real time basis on the Internet at the following address:

http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500

PERMIT CONDITION 14

“Permittee shall provide supplemental water downstream from the points of diversion to augment low flow in Putah Creek. ...For the period July 15 to October 31 of each year, permittee shall make-up the difference between actual discharge, as measured at the site of the former Guenoc USGS gaging station on Putah Creek...and the median daily discharge listed below:

Median Daily Discharge for Putah Creek at Guenoc, 1954-1975, (all amounts in cubic feet per second)

<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>
4.7	1.7	0.9	0.6

Permittee shall not be required to provide supplemental water at a rate greater than two cubic feet per second. Permittee shall maintain a measuring device, acceptable to the Chief of the Division of Water Rights, which is capable of measuring both the instantaneous rate and the total amounts of supplemental water discharged to Putah Creek.”

The Grange Road wells (GR2, GR3 and GR4) and the Agricultural Well are equipped with in-line flow meters that are used to measure the instantaneous rate and total amount discharged. The Agricultural Well can be used in conjunction with the Grange Road wells to augment the flow of Putah Creek. In order to convey water to Putah Creek, the District acquired an easement from an adjoining landowner (Sutter Home Vineyards) and during 1998 and 1999 installed approximately 6,800 feet of permanent underground pipeline that begins at the Agricultural Well and terminates at the easterly boundary of the Sutter Home property (see Plate 1). A major portion of this pipeline was destroyed during the winter floods of 2005/2006 and was subsequently replaced in 2007. A temporary pipeline is used to convey water from the end of the permanent line to the point of discharge in Putah Creek when supplemental water is discharged to Putah Creek.

1995-1997 SUPPLEMENTAL WATER

Table 3 summarizes the measured flow of Putah Creek during the period of 1995 to 1997. No supplemental water was required to be delivered in 1995 and 1996, but approximately 200 acre-feet of supplemental water was discharged in 1997. The daily summary of the average rate of supplemental water discharged in 1997 is shown on Table 5.

1998-2005 SUPPLEMENTAL WATER

The average daily discharge of Putah Creek and the monthly summary of supplemental water discharged from 1998 to 2005 are shown in Table 4. The daily summary of the average rate of supplemental water discharged for this period is shown in Table 5.

2006-2007 SUPPLEMENTAL WATER

The winter storms of December 2005 and January 2006 destroyed approximately 800 feet of the permanent pipeline located on the Sutter Home Vineyards' property used to deliver supplemental water. To comply with the terms of its License and Permit, the District entered into an agreement with a neighboring landowner for the use of a groundwater well to deliver supplemental water during 2006. The permanent pipeline replacement was completed in September 2007. The District began delivery of supplemental water to Putah Creek on October 8, 2007. The daily summary of supplemental discharges for 2006 and 2007 is shown in Table 5.

2008-2011 SUPPLEMENTAL WATER

In 2008, the Agricultural Well was pumped continuously from July 2008 through October 2008 discharging at its maximum rate of about 450 gallons per minute. In August 2008, the District commenced use of Grange Road Well #3 to supplement the discharge to Putah Creek. Well #3 was run at its maximum capacity of about 450 gallons per minute, resulting in a total discharge for the two wells of 900 gallons per minute to Putah Creek. In September and October 2008, Well #3 was offline due to a mechanical problem.

In 2009, discharging of supplemental water occurred from July 14, 2009 through October 13, 2009. From October 13, 2009 through the end of the supplemental water discharge period, the flow in Putah Creek rose and stayed above the minimum requirement.

In 2010, the District began discharging supplemental water from the Agricultural Well on July 26, 2010 as the flow in Putah Creek was below the minimum flow requirement. Discharging of supplemental water from the Agricultural Well was discontinued on October 7, 2010 in order to install a pressure release valve on Well #3 (which is interconnected with the Agricultural Well) as required by the Department of Health Services. Pumping from the Agricultural Well recommenced on October 11, 2010 after the repair of Well #3 was complete.

In 2011, the District began discharging supplemental water from the Agricultural Well and Grange Road Well #3 on September 6, 2011 when the flow in Putah Creek suddenly fell below the minimum flow requirement, apparently due to the onset of pumping from the Creek by a downstream diverter. Discharge of supplemental water from Well #3 was discontinued on September 7, 2011, and pumping from the Agricultural Well was discontinued on September 12, 2011.

Table 5 includes a daily summary of 2008 through 2011 supplemental water discharge.

2012 SUPPLEMENTAL WATER

The District began discharging supplemental water on July 13, 2012. Supplemental water was discharged to Putah Creek from the Agricultural Well and Grange Road Well #3. On October 15, 2012 discharge from the Agricultural Well was discontinued. Discharge from Well #3 was discontinued on October 22, 2012. The daily summary of the average rate of supplemental water discharged for 2012 is shown in Table 5.

On April 19, 2012, the SWRCB issued an Administrative Civil Liability Complaint (ACL) and Draft Cease and Desist Order against the District for non-compliance with its Permit and License for insufficient supplemental water discharges to Putah Creek on certain days in 2010. In the ACL, the SWRCB did not consider all relevant circumstances surrounding the alleged violations, including unrefuted evidence submitted by the District about the causes of the non-compliance, nor did they provide any evidence of the extent of harm caused by the District's actions. The District entered into a Settlement Agreement with the SWRCB which was confirmed by SWRCB Order 2012-0014-EXEC. The Settlement Agreement and Order did not represent

acquiescence by the District of any harm caused the environment due to any alleged non-compliance. The District has provided the SWRCB with evidence for many years of the impacts associated with the downstream landowner's diversions and the lack of tangible benefit of the supplemental water program (see Putah Creek Habitat Assessments in subsequent section).

2013 SUPPLEMENTAL WATER

The District began discharging supplemental water to Putah Creek on July 14, 2013 from the Agricultural Well and Grange Road Well #3. On August 27th, the District stopped pumping to Putah Creek from Grange Road Well #3 due to a declining rate of production and began pumping from Grange Road Well #2. The daily summary of the average rate of supplemental water discharged in 2013 is shown in Table 5.

On January 3, 2013, the District submitted Petitions for Change to the State Water Board. In addition to requesting changes to the authorized place of use and points of diversion named in Permit 20770B and License 13527A, the Petitions are also seeking removal of the supplemental discharge requirement and the requirement to prepare annual groundwater monitoring reports.

2014 SUPPLEMENTAL WATER

Due to drought conditions, the District became concerned about impacts to the adequacy of its potable water supply and water quality conditions. On April 1, 2014, the District filed Temporary Urgency Change Petitions (TUCPs) requesting temporary relief from the supplemental discharge term within License 13527A and Permit 20770B in order that the District might not be required to pump groundwater from its municipal water supply (wells) to meet the flow requirement in Putah Creek during the summer months.

On May 27, 2014, the SWRCB issued a Notice of Unavailability of Water and Immediate Curtailment for post-1914 appropriative water right diversions located within the Sacramento-San Joaquin River Watershed, which includes the diversions authorized by License 13527A and Permit 20770B. On June 24, 2014, the District submitted a request for exception to allow for continued diversion to meet the health and safety needs of its municipal service area residents. On July 11, 2014, SWRCB staff indicated that no action would be taken in response to the District's TUCPs.

The District requested confirmation from SWRCB that the District would not be subject to the supplemental discharge requirement while its water rights were curtailed. On July 25, 2014, the SWRCB issued an order denying the TUCPs stating that the SWRCB cannot approve TUCPs for water rights that have been curtailed. The order denying the TUCP did not address the effect of the curtailment on the supplemental discharge requirement. The District continued to operate with the understanding that the supplemental discharge requirement was effectively suspended as a result of the curtailment. Hence, the District did not pump water into Putah Creek. The supplemental discharge requirement ended on October 31, 2014. On November 19, 2014, the State Water Board temporarily lifted the water right curtailment. The curtailment did not recommence prior to the end of 2014.

2015 SUPPLEMENTAL WATER

On May 1, 2015, the SWRCB issued a Notice of Unavailability of Water and Immediate Curtailment for post-1914 appropriative water right diversions located within the Sacramento-San Joaquin River Watershed, which includes the diversions authorized by License 13527A and Permit 20770B. The District submitted the required Curtailment Certification Compliance forms on May 8, 2015, indicating the need for continued diversion to meet the health and safety needs of its municipal service area residents. As it did during the curtailment period in 2014, the District continued to serve water to the subdivision with the understanding that the supplemental discharge requirement in its Permit and License was effectively suspended as a result of the curtailment. On November 2, 2015, the State Water Board temporarily lifted the water right curtailment through November 6, 2015. On November 6, 2015, the State Water Board lifted the water right curtailment until further notice. The supplemental discharge requirements end on October 31, 2015; therefore, no supplemental water was delivered to Putah Creek in 2015. The curtailment did not recommence prior to the end of 2015.

As shown in Table 4, only minimal flow was recorded at the USGS Putah Creek gage during July 2015, with no measured flow recorded at the gage from August 1, 2015 to October 31, 2015. As in 2014, no water was pumped by the District to supplement Putah Creek flows in 2015, due to curtailment of water rights.

2016 SUPPLEMENTAL WATER

On July 22, 2016, the District submitted Temporary Urgency Change Petitions (TUCPs) for its License and Permit requesting temporary relief from the wasteful supplemental discharge requirement for the period of July 15, 2016 through October 31, 2016, based on concerns over potential water shortage and water quality issues in the upcoming year. The District's TUCPs cited the Governor's several drought declarations, emergency proclamations, and executive orders, which identify a need for conservation of water and the need to wisely use water due to expected continuing dry conditions. In keeping with the Governor's orders, the constitutional policy of the state that water resources not be wasted, and in anticipation of State Water Board approval of the TUCPs, the District did not pump water from its potable water supply in 2016 for delivery into Putah Creek.

By Order dated September 23, 2016, the State Water Board denied the TUCPs. The Order was received by the District September 26, 2016. On October 19, 2016, the District responded to the State Water Board Order to provide additional information and correct misstatements within the Order. The incorrect or misleading statements and omissions of relevant facts within the Order included suggestion that no real water shortage concerns were identified for the District, an implication that reduction in groundwater supply must be proven to increase contaminant concentrations in order to justify the requested change, an allegation that the District has not attempted to secure an alternate source of potable water, and a failure to address the years of habitat study reports demonstrating ecologically harmful effects and wastefulness of the supplemental discharge program.

2017 SUPPLEMENTAL WATER

As shown in Table 4, during 2017, average daily flows measured at the Putah Creek gage remained above the required flow levels from July 15 through October 31, and the District did not pump supplemental water into Putah Creek. During the 2017 water year, precipitation recorded at Middletown was well above the long-term average.

2018 SUPPLEMENTAL WATER

Table 4 shows average daily flows measured at the Putah Creek gage for July through October. A hydrograph of Putah Creek discharge included as Appendix 1 also shows flows at the Putah Creek gage for the July 15 through October 31 supplemental discharge period in 2018. Putah Creek flows were below the required flow levels at times during the supplemental discharge period in 2018. The District did not pump supplemental water into Putah Creek due to inability to obtain permission from the neighboring landowner to access the supplemental discharge location on Putah Creek. The District filed Petitions for Change in 2013 requesting that the supplemental discharge terms within its License and Permit be removed. The Petitions are pending State Water Board approval.

The District is still under the State Water Board Division of Drinking Water (DDW) Order No. 02-03-14R, which placed a moratorium on new water connections. The District is currently working with the DDW to have the moratorium lifted by addressing concerns regarding the need for an alternate supply.

SUSTAINABILITY

California passed the Sustainable Groundwater Management Act in 2014, requiring formation of local groundwater sustainability agencies (GSAs) and development, adoption and implementation of groundwater sustainability plans (GSPs) by the GSAs. Local agencies were required to form a GSA by June 30, 2017 for groundwater basins designated as high and medium priority. Basins that have been assigned a high or medium level of priority are required to adopt a GSP by January 31, 2020 or January 31, 2022 depending on the overdraft condition of the basin. The Coyote Valley Groundwater Basin is currently listed as a very low priority basin. Currently, development of a GSP is not required for the Coyote Valley Groundwater Basin.

The data collected by the District over the years demonstrates that the Coyote Valley Groundwater Basin is well-managed and is sustainable within the expectations of the Sustainable Groundwater Management Act of 2014. Management practices have resulted in stable groundwater supplies and a declining per capita water use within the District. Per capita water use within the District has declined about 25% since the year 2000. Annual groundwater monitoring

reports have demonstrated no long-term negative effect on groundwater levels in the basin due to the extraction of water from the four wells operated by the District. As documented in the District's annual monitoring reports, monthly groundwater levels recover following periods of average, or better-than-average precipitation, and, in some cases, following periods of less than average precipitation as well.

The relationship between groundwater elevation recovery and precipitation in the basin is illustrated in the graphs of historical groundwater elevation and the graph of total annual precipitation over the same time period (refer to Plate 3). Plate 3 graphs show that groundwater levels at the District's production wells (Grange Road Wells 2, 3, 4 and the Agricultural Well) and monitoring wells in the vicinity of the production wells (Wells MW2A and MW2B) fall during the dry season each year and recover in years of average or above-average rainfall. For example, groundwater levels in Grange Road Well 4 recovered from an elevation of 922 feet to about 940 feet during the 2006 water year. The same well was at 911 feet in August 2014 and at 933 feet in March 2015.

Precipitation during seven of the past ten years and during six of the past seven years was less than average. However, precipitation during the 2017 water year was well above average. During the 2018 water year, precipitation was about 35% below the long-term average.

Water levels have tended to increase with average to above-average precipitation. Historically, fluctuations corresponding to seasonal precipitation have been observed, but groundwater levels have not shown a long-term downward trend. Water level fluctuation in recent years has been a function of precipitation, not over-use of the groundwater resource. Despite several recent years of less than average precipitation, groundwater surface elevations recovered to higher than average levels, indicating long-term sustainability within the groundwater basin.

PUTAH CREEK HABITAT ASSESSMENTS

Beginning in 2007, Aquatic Ecologist Mike Podlech conducted reconnaissance level aquatic habitat assessments of the Putah Creek channel in the vicinity of the USGS stream gage, with the most recent assessments being conducted in July and October of 2014. Copies of Mr.

Podlech’s 2014 habitat assessment reports were included in the 2014 Groundwater Basin Monitoring Report.

In his October 2014 assessment report, Mr. Podlech states that the supplemental water discharged by the District would have the effect of artificially creating “normal” water year conditions within the assessment reach during “below normal” water years. He states, “Non-native bullfrogs, a voracious predator of foothill yellow-legged frogs and other native amphibians, have routinely been observed in the pool containing the USGS gage and other areas of the assessment reach. Periodic natural drying of the assessment reach may help suppress local bullfrog populations through elimination of some tadpoles.” Mr. Podlech’s reports suggest that the supplemental water program may be ecologically detrimental, given that it maintains an unnatural condition that supports a largely non-native fishery and invasive bullfrogs. Because no supplemental water was delivered in 2014, natural dry conditions were allowed to develop in the stream below the supplemental discharge point for the first time in several years, yet Mr. Podlech still observed that surface water was present in the channel from the pool containing the USGS gage downstream to the end of the assessment reach.

SUPPLEMENTAL WATER SUMMARY

The total annual amount of water diverted by the District pursuant to its License and Permit as reported to the SWRCB in the annual “Progress Reports by Permittee” and “Report of Licensee” and the annual amount of supplemental water discharged are as follows²:

<u>Year</u>	<u>Beneficial Use Reported to SWRCB under Permit & License (Acre-Feet)</u>	<u>Supplemental Water (Acre-Feet)</u>
1995	651	0
1996	766	0
1997	582	200
1998	505	0
1999	562	58
2000	537	153
2001	668	233
2002	916	0
2003	823	99
2004	998	60
2005	917	6
2006	860	2

² These amounts do not include reported use of reclaimed water.

2007	1,258	64
2008	1,261 ³	260
2009	1,155 ²	203
2010	922	185
2011	749	19
2012	1,208	414
2013	1,273	430
2014	857	0
2015	644	0
2016	829	0
2017	674	0
2018 ⁴	840	0

SUMMARY AND CONCLUSIONS

When License 13527A was issued in 2001, it was generally believed that the District’s extractions from the Coyote Valley groundwater basin could have a measurable impact on groundwater elevations in the vicinity of Putah Creek, and more specifically, the magnitude and duration of summer and fall surface stream flows downstream of the former USGS gaging station site on Putah Creek at Guenoc. During the summer and fall, the surface stream flow of Putah Creek in the vicinity of the USGS gage is derived from subsurface accretions (“rising” groundwater). Accordingly, the term that mandates supplemental stream flow releases, and the term that requires the District to implement the 1997 groundwater monitoring plan, were incorporated into License 13527A and Permit 20770B as mitigation and on-going monitoring measures in the event that the District’s water diversions actually adversely impacted subsurface accretions.

Groundwater elevation data compiled by the District and others since 1997, as well as riparian habitat surveys conducted on behalf of the District from 2007 through 2014, indicate that there has been no measurable impact to subsurface accretions or degradation of riparian vegetation as a result of the District’s water diversions. Additionally, more abundant and dense riparian vegetation was found to be present during the more recent surveys of Putah Creek upstream of the supplemental discharge location compared with the area downstream of the gage, even though supplemental discharges had been released to downstream areas during the summer months almost every year from 1995 through 2013.

³ This is an amendment to a previous report.

⁴ Amounts may not yet be reported in 2018 Progress Report by Permittee and Report of Licensee.

In its annual Progress Report by Permittee and Report of Licensee, the District has consistently identified the water conservation efforts it implements for its municipal water use. These measures include continual use of dye tablets and use of advanced metering infrastructure to identify system leaks, re-reading of meters to verify any unusual use, water conservation incentive packages to users, rebates for low-flow toilets, shower heads, replacement of old meters, etc. As a result of these conservation efforts, the District's water use per capita has been significantly reduced over the past several years. The average annual use per connection has decreased by more than 25% since the year 2000 due to the District's aggressive water conservation program. Since 1997 the District has delivered 2,386 acre-feet of supplemental water to Putah Creek pursuant to the terms of its License and Permit, and it has expended over \$1.5 million for compliance with the terms of its License and Permit to achieve a better understanding of the Coyote Valley Basin.

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TABLES

TABLE 1

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
COYOTE VALLEY GROUNDWATER BASIN MONITORING WELLS**

	<u>Well Designation</u>	<u>Location</u>	<u>Date Drilled</u>	<u>Measuring Point Elevation (MSL)</u>	<u>Depth of Well (ft)</u>	<u>Perforation Interval (ft)</u>
Treatment Plant	TP 1	11N/6W-30J	28-Oct-94	961.25	52	30-50
	TP 2	11N/6W-30Q	28-Oct-94	963.86	52	14-50
	TP 3	11N/6W-30Q	28-Oct-94	966.63	52	14-50
Grange Road	GR 1 ⁽¹⁾	11N/6W-29D	14-Jun-76	957.5	112	50-110
	GR 2	11N/6W-29D	15-May-85	959.36	292	70-115
	GR 3	11N/6W-29D	22-Oct-91	956.69	205	80-170
	GR 4	11N/6W-29D	26-Feb-03	956.89	231	50-110, 148-188
Spyglass #7	MW 1A	11N/6W-18P	05-Sep-96	978.82	100	74-79
	MW 1B	11N/6W-18P	05-Sep-96	978.82	100	40-45
Grange Road	MW 2A	11N/6W-20N	09-Sep-96	955.63	100	86-96
	MW 2B	11N/6W-20N	09-Sep-96	955.63	100	35-40
American Rock	MW 3A	11N/7W-13L	11-Sep-96	991.35	82	70-80
	MW 3B	11N/7W-13L	11-Sep-96	991.35	82	30-35
Golf Course-18th Tee	MW 4	11N/6W-20M	12-Jun-73	960.69	110	30-95
Luchetti	MW 5A	11N/6W-28J	01-Jun-98	942.15	100	90-100
	MW 5B	11N/6W-28J	01-Jun-98	942.14	100	30-40
Agricultural Well	AG 1	11N/6W-30A	1997 ⁽²⁾	957.87	90	63-83

(1) Grange Road Well # 1 (GR1) failed in 2002. Grange Road Well #4 (GR4) was installed in 2003 at the same location

(2) Agriculture Well was rehabilitated in 1997. Date of original drilling is estimated to be between 1930 and 1940

TABLE 2

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
COYOTE VALLEY GROUNDWATER BASIN MONITORING PLAN**

**WATER SURFACE EVELVATIONS
(all amounts in feet above mean sea level)**

<u>Date</u>	<u>Grange Road Wells</u> ¹			<u>Treatment Plant Wells</u> ²			<u>Spyglass #7</u> ³		<u>Grange Road</u> ³		<u>American Rock</u> ³		<u>Golf Course</u>	<u>Luchetti</u> ^{3, 4}		<u>Ag Well</u> ^{###}
	<u>GR 1</u> ⁷	<u>GR 2</u>	<u>GR 3</u>	<u>TP 1</u>	<u>TP 2</u>	<u>TP 3</u>	<u>MW 1A</u>	<u>MW 1B</u>	<u>MW 2A</u>	<u>MW 2B</u>	<u>MW 3A</u>	<u>MW 3B</u>	<u>MW 4</u>	<u>MW 5A</u>	<u>MW 5B</u>	<u>AG 1</u>
02-Feb-90	934.42	935.44														
09-Mar-90	936.42	937.36														
12-Apr-90	933.50	935.11														
11-May-90	929.92	931.11														
11-Jun-90	932.50	934.36														
15-Jul-90		931.78														
20-Aug-90	926.25	925.28														
02-Oct-90	922.50	922.53														
07-Nov-90	923.67	925.11														
14-Dec-90	925.83	927.28														
14-Jan-91	927.08	928.53														
08-Feb-91	927.83	929.11														
08-Mar-91	931.17	932.61														
12-Apr-91	935.42	936.53														
13-May-91	935.42	936.53														
17-Jun-91	932.33	933.53														
18-Jul-91	931.00	932.19														
15-Aug-91	913.50	928.61														
13-Sep-91	925.08	926.69														
14-Oct-91	924.08	924.11														
27-Nov-91	921.17	923.11														
13-Dec-91	924.75	926.19														
10-Jan-92	927.25	928.53														
18-Feb-92	930.25	931.53														
18-Mar-92	933.75	935.19														
10-Apr-92	933.33	934.36														
13-Jun-92	925.50	927.36														
09-Jul-92	925.50	927.36														
14-Aug-92	923.92	926.03														
12-Oct-92	920.58	922.69														
11-Nov-92	922.75	924.36														
15-Dec-92	925.92	927.03														
16-Feb-93	940.83	941.19														
16-Mar-93	941.00	941.78														
10-May-93	935.80	936.66														
15-Jul-93	927.40	929.26														
19-Aug-93	927.40	927.76														
15-Oct-93	925.50	926.86														
30-Nov-93	928.30	929.66														
30-Dec-93	930.70	931.76														
20-Jan-94	930.90	931.76														
17-Feb-94	933.00	934.56														
15-Mar-94	934.50	935.16														
29-Apr-94	931.50	933.06														

TABLE 2

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
COYOTE VALLEY GROUNDWATER BASIN MONITORING PLAN**

**WATER SURFACE EVELVATIONS
(all amounts in feet above mean sea level)**

Date	Grange Road Wells ¹			Treatment Plant Wells ²			Spyglass #7 ³		Grange Road ³		American Rock ³		Golf Course	Luchetti ^{3, 4}		Ag Well ^{###}
	GR 1 ⁷	GR 2	GR 3	TP 1	TP 2	TP 3	MW 1A	MW 1B	MW 2A	MW 2B	MW 3A	MW 3B	MW 4	MW 5A	MW 5B	AG 1
31-May-94	930.00	931.26														
24-Jun-94	926.20	927.56														
22-Jul-94	921.70	923.56														
12-Oct-94	916.50	918.56														
04-Jan-95	928.50	930.06														
03-Mar-95	940.50	941.06		954.75	957.36	961.13										
17-Mar-95	932.83	934.94														
14-Apr-95	941.00	941.86		954.75	957.44	962.30										
17-May-95	938.17	939.19	937.02													
13-Aug-95	926.25	926.19														
15-Sep-95	922.50	923.36														
19-Oct-95				952.58	957.36	960.96										
20-Oct-95	920.50	922.53														
15-Nov-95	923.58	924.84														
12-Jul-96	929.58	930.19	931.02													
15-Aug-96	926.08	927.36		948.75	954.44	957.21							941.36			
15-Sep-96	923.92	925.03	925.11	949.92	955.11	958.96	963.90	963.99	935.96	936.88	969.85	969.85				
15-Oct-96	921.83	924.53		945.08	954.53	958.55	963.74	963.74	936.05	937.46	969.27	969.18	941.69			
15-Nov-96	926.00	928.03		948.00	951.28	954.63	964.32	964.65	937.71	939.55	970.02	969.77	942.11			
15-Dec-96	930.00	931.61	932.02	949.17	955.53	959.96	966.32	966.82	938.80	940.46	971.85	971.60	945.19			
15-Jan-97	940.17	941.19	938.27	951.50	955.53	960.05	961.49	961.57	941.05	941.05	975.35	975.27	946.02			
12-Feb-97	941.75	942.86	939.19	951.92	955.44	959.96	960.49	960.57	940.96	940.71	973.77	973.68	945.94			
12-Mar-97	938.92	939.69	937.19	951.08	955.11	959.13	967.24	967.32	939.88	940.05	971.60	971.52	943.11			
18-Apr-97	934.67	935.78	934.69	950.67	954.86	958.30	965.90	965.99	939.30	939.96	971.68	971.43	942.02			
14-May-97	930.75	932.19	932.44	948.83	954.69	957.38	965.40	965.32	938.80	939.80	970.85	970.77	941.69			
17,18-Jun-97	935.83	934.94	931.69	946.00	952.44	954.80	964.40	964.49	937.88	939.05	969.85	969.77	941.44			
17-Jul-97	927.75	928.61	930.02	947.08	953.86	956.30	965.65	965.99	938.88	939.96	971.52	971.77	941.11			
21-Aug-97	920.33	922.94	926.86	944.08	952.11	954.46	963.99	963.99	935.30	935.46	971.18	971.18	945.52			
18-Sep-97	920.33	921.53	911.61	942.42	946.44	948.13	963.74	963.57	933.80	935.46	968.93	969.10	940.52			
20-Oct-97	924.25	921.28	923.77	939.25	953.36	955.55	960.15	960.65	932.63	935.63	970.93	970.89	941.94			
18-Nov-97	925.50	927.44	929.19	954.50	956.11	944.88	966.24	966.82	939.71	941.21	971.35	971.35	942.86			
17-Dec-97	931.42	932.78	933.11	949.67	955.19	959.55	968.32	968.57	939.30	940.21	971.60	971.68	945.69			
14-Jan-98	935.00	935.94	935.86	952.42	955.86	960.21	971.44	971.74	940.13	940.63	974.35	974.27	946.69			
18-Feb-98	945.33	946.11	942.19	953.42	955.94	960.63	973.82	974.78	942.25	941.30	977.52	977.43	947.69			
23-Mar-98	941.17	942.28	934.36	952.33	955.78	960.30	969.82	970.07	940.21	939.63	972.52	972.35	946.02			
15-Apr-98	937.58	938.69	937.02	951.67	955.11	959.55	969.07	968.82	939.63	940.05	971.85	971.68	945.94			
18-May-98	935.58	936.86	935.94	950.83	954.86	958.80	966.99	967.15	938.71	938.80	971.35	971.10	943.44			
17-Jun-98	937.00	938.03	935.94	950.75	954.03	958.63	967.32	967.49	938.63	938.80	971.35	971.18	943.11	923.98	924.22	
14-Jul-98	933.17	934.36	933.69	946.58	954.44	956.71	965.40	965.49	937.38	938.21	970.77	970.68	941.94	921.90	922.72	
14-Aug-98	930.83	932.53	932.02	947.67	954.36	958.05	964.49	964.65	937.05	937.80	971.60	971.52	941.44	921.07	922.39	
18-Sep-98	929.17	930.86	930.11	946.92	953.11	955.63	963.82	963.99	936.71	937.63	969.60	969.52	940.86	921.82	922.64	
16-Oct-98	929.00	930.36	929.69	945.42	952.19	954.80	963.74	963.99	936.80	937.71	969.43	969.27	941.02	922.15	922.47	
09-Nov-98	930.25	931.44	931.52	947.00	953.11	955.55	963.82	964.15	936.88	937.80	969.18	969.27	940.94	922.07	922.39	
15-Dec-98	933.25	934.44	931.77	949.42	954.61	958.63	966.57	966.90	937.88	938.21	970.52	970.52	943.11	923.65	923.81	

TABLE 2

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
COYOTE VALLEY GROUNDWATER BASIN MONITORING PLAN

WATER SURFACE EVELVATIONS
(all amounts in feet above mean sea level)

Table with 17 columns: Date, Grange Road Wells (GR 1, GR 2, GR 3), Treatment Plant Wells (TP 1, TP 2, TP 3), Spyglass #7 (MW 1A, MW 1B), Grange Road (MW 2A, MW 2B), American Rock (MW 3A, MW 3B), Golf Course (MW 4), Luchetti (MW 5A, MW 5B), and Ag Well (AG 1). Rows list dates from 15-Mar-10 to 16-Dec-13 with corresponding elevation values.

TABLE 2

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
COYOTE VALLEY GROUNDWATER BASIN MONITORING PLAN**

**WATER SURFACE EVELVATIONS
(all amounts in feet above mean sea level)**

Date	Grange Road Wells ¹			Treatment Plant Wells ²			Spyglass #7 ³		Grange Road ³		American Rock ³		Golf Course	Luchetti ^{3, 4}		Ag Well ^{###}
	GR 1 ⁷	GR 2	GR 3	TP 1	TP 2	TP 3	MW 1A	MW 1B	MW 2A	MW 2B	MW 3A	MW 3B	MW 4	MW 5A	MW 5B	AG 1
25-Oct-17	926.97	929.86	925.72	942.25	950.69	952.55	962.65	962.99	935.30	935.71	968.18	968.35	940.27	921.90	920.81	929.04
20-Nov-17	929.39	931.94	931.69	940.92	950.94	952.63	964.07	963.82	936.13	937.96	968.68	968.60	937.44	921.48	922.14	931.62
21-Dec-17	930.14	931.36	931.30	947.00	950.53	945.71	963.65	964.07	936.55	935.80	968.35	968.60	940.61	922.15	921.47	932.62
1-Jan-18																
19-Feb-18	930.89	932.78	929.52	951.75	954.86	958.96	965.07	965.07	939.13	937.38	970.35	970.02	941.52	921.73	922.64	934.29
16-Mar-18	932.31	933.78	932.44	951.67	954.11	955.63	966.82	966.82	940.63	939.30	973.35	972.85	942.02	923.15	922.64	934.79
16-Apr-28	922.63	935.36	933.35	950.08	955.28	959.38	968.82	968.82	937.63	937.96	971.35	971.35	943.69	922.82	923.72	935.87
14-May-18	928.41	931.46	934.40	949.75	954.36	958.13	966.65	966.15	937.46	937.30	970.27	970.35	941.94	922.48	921.47	932.87
14-Jun-18	926.08	937.88	928.04	948.08	954.69	957.13	964.74	964.74	935.71	936.71	969.43	969.68	941.27	921.73	922.06	929.45
17-Jul-18	925.25	930.19	924.98	946.33	954.03	956.55	963.40	963.40	945.55	934.80	968.52	968.93	940.61	921.07	921.72	926.45
15-Aug-18	921.58	930.43	935.62	946.42	953.69	956.21	962.82	963.32	936.38	934.63	968.35	968.60	940.44	920.15	921.64	925.04
19-Sep-18	925.14	926.36	925.77	945.00	953.44	955.13	962.74	962.82	934.63	936.30	968.27	968.35	939.86	921.15	920.81	927.37
16-Oct-18	926.97	928.44	928.02	945.25	951.94	953.71	962.40	962.90	935.21	936.71	968.02	968.18	939.77	920.98	921.14	929.79
20-Nov-18	927.14	930.86	928.61	943.25	951.19	953.13	962.49	962.82	935.63	936.96	967.85	968.35	940.19	921.07	921.31	930.62
21-Dec-2018	929.64	933.36	930.19	943.17	952.36	954.88	963.82	964.32	937.30	936.63	962.85	968.68	940.86	922.15	922.64	932.29

Notes:

1. Grange Road Well #3 (GR 3) well casing shifted after installation resulting in the inability to make measurement in some months.
2. Treatment Plant wells were installed in October 1994.
3. A = Deeper Completion, B = Shallow Completion
4. Luchetti Monitoring Well was installed in May 1998.
5. Agricultural Well rehabilitated in 1997.
6. Pump out of service.
7. Grange Road Well #1 failed in 2002. Grange Road Well #4 was installed in 2003 at the same location to replace it.
8. Data is not available.
9. Measurement made incorrectly and excluded from the record.
10. Valley Fire damaged pumps
11. SWRCB new measurement requirement - hourly data logging
12. Static measuring tool (solenus) failure

TABLE 3
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
PUTAH CREEK DISCHARGE MEASUREMENTS
1993-1997 INSTANTANEOUS MEASUREMENTS ¹
(All amounts in cubic feet per second)

<u>Date</u>	<u>Minimum Flow Requirement</u>	<u>Highway 29 Bridge</u>	<u>Near Guenoc Gage</u>	<u>Below</u> ⁷ <u>Guenoc Gage</u>	<u>Temporary</u> ⁹ <u>Parshall Flume</u>
05/17/93	--	43.48	49.05		
07/21/93	4.70	3.06	4.80		
08/17/93	1.70		0.90		
06/25/94	--	0.50	0.58		
07/24/95	4.70	14.70	15.70		
08/04/95	1.70	8.96	9.10		
08/23/95	1.70	7.49	7.54		
09/15/95	0.90	6.28	6.09		
11/07/95	--	5.75	4.64		
06/07/96	--	56.76	64.77		
06/28/96	--	30.43	31.21		
07/18/96	4.70	16.72	17.09		
08/01/96	1.70	6.92	4.19		
08/20/96	1.70	5.01	3.26		
09/04/96	0.90	1.67	1.47		
09/14/96	0.90	1.5 ²	1.0-1.5 ²		
10/01/96	0.60	1.5 ³	>0.5 ³		
10/15/96	0.60	1.1 ⁴	>0.6 ⁴		
06/19/97	--		15-20 ⁵		
07/02/97	4.70	6.95	5.72		
07/10/97	4.70		2.19		
07/11/97	4.70	2.63			
08/01/97	1.70	SF	SF		
08/03/97	1.70	1.5 - 2.0 ⁶	0.04	0.06 ⁸	
08/05/97	1.70		0.68	0.61	
08/15/97	1.70	1.2	1.10	0.87 ⁸	1.10
08/28/97	1.70	1.1	1.80	2.20	1.90
09/10/97	0.90				0.90
10/01/97	0.60	0.43	1.10	0.87	1.10
10/15/97	0.60	4.24	0.98	0.95	1.16
10/30/97	0.60	5.40	0.50	0.40	0.50

Notes:

1. All measurements made using current meter unless otherwise noted. SF designates observed surface flow only, no measurement.
2. Flow at Highway 29 bridge and near Guenoc Gage was braided, shallow and swift. Discharge was estimated based on previous measurements. Continuous live stream was observed from Highway 29 bridge to below the Guenoc Gage site.
3. Flow at Highway 29 bridge was estimated based on previous measurements. Flow at Guenoc Gage was measured using Parshall flume and estimation of leakage around flume. Continuous live stream was observed from Highway 29 bridge to below the Guenoc Gage site.
4. Flow at Highway 29 bridge measured with current meter. Flow at Guenoc gage measured using a Parshall flume and estimation of leakage around flume.
5. Estimated due to inoperable equipment.
6. Estimated
7. Measured approximately 300-400' below former Guenoc Gage site.
8. Measured using a Parshall flume.
9. Temporary Parshall flume installed at the site of the former Guenoc Gage.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2018 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	13.62	2.21	3.40	5.05	
2	11.20	2.23	2.18	7.32	
3	11.46	2.56	1.62	8.05	
4	12.35	1.54	2.22	6.11	
5	12.99	2.98	2.62	5.33	
6	11.86	2.87	2.88	4.53	
7	12.43	1.43	3.35	3.99	
8	10.98	2.25	3.51	3.58	
9	10.34	1.12	3.66	4.13	
10	9.52	1.64	1.25	3.10	
11	8.77	1.95	0.79	3.32	
12	7.81	1.22	1.93	4.44	
13	7.94	0.94	2.44	3.49	
14	8.61	1.41	2.82	4.38	
15	8.07	2.00	3.27	4.11	
16	8.93	1.50	2.98	4.05	
17	7.90	1.61	3.29	3.30	
18	8.04	1.70	3.22	3.34	
19	7.11	2.28	2.96	3.70	
20	6.53	1.52	2.50	3.86	
21	6.00	1.54	2.02	3.27	
22	5.34	2.39	2.07	3.99	
23	5.21	1.60	2.23	4.48	
24	5.45	1.60	2.89	3.82	
25	5.65	2.19	2.40	3.94	
26	4.90	2.28	1.76	5.14	
27	4.52	1.31	2.48	4.75	
28	5.15	3.17	2.11	5.29	
29	4.49	3.67	2.55	5.41	
30	4.51	3.69	4.55	5.31	
31	2.62	3.96		4.57	
TOTAL (CFS-DAYS)	250.29	64.36	77.95	139.15	
MEAN	8.07	2.08	2.60	4.49	
MAX	13.62	3.96	4.55	8.05	
MIN	2.62	0.94	0.79	3.10	
TOTAL (AC-FT)	496.44	127.66	154.61	276.00	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	0.0	ANNUAL TOTAL 0.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication. Average daily discharge is taken from USGS Gage 11453500 Putah Creek Near Guenoc CA: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2017 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	28.78	14.48	9.22	8.64	
2	27.92	13.98	8.65	8.50	
3	28.08	13.67	7.19	8.88	
4	27.02	13.61	7.84	8.86	
5	26.89	13.60	7.12	8.98	
6	26.02	12.89	7.89	8.92	
7	25.18	14.41	8.82	8.57	
8	24.20	14.34	9.01	8.34	
9	23.66	13.08	8.58	7.98	
10	23.54	12.23	9.73	8.28	
11	22.05	12.11	9.22	8.37	
12	21.26	11.71	9.61	8.46	
13	22.23	11.36	9.63	8.45	
14	20.67	11.08	9.34	8.20	
15	20.41	11.65	9.94	7.88	
16	19.02	11.62	8.54	8.25	
17	18.96	13.27	7.77	8.40	
18	20.00	11.61	7.94	8.55	
19	20.09	10.15	8.95	8.90	
20	19.37	11.30	9.50	10.71	
21	17.68	11.72	9.52	11.01	
22	17.73	11.66	9.76	10.38	
23	18.07	11.83	10.04	9.84	
24	17.54	10.77	9.10	9.28	
25	17.02	9.67	9.38	9.14	
26	16.54	8.83	9.13	9.18	
27	16.54	8.87	8.14	9.03	
28	16.64	9.66	7.43	9.02	
29	16.16	9.09	7.81	8.77	
30	15.44	7.93	8.82	8.73	
31	14.27	8.15		8.97	
TOTAL (CFS-DAYS)	648.97	360.33	263.62	275.47	
MEAN	20.93	11.62	8.79	8.89	
MAX	28.78	14.48	10.04	11.01	
MIN	14.27	7.93	7.12	7.88	
TOTAL (AC-FT)	1,287.22	714.70	522.88	546.39	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	0.0	ANNUAL TOTAL 0.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication. Average daily discharge is taken from USGS Gage 11453500 Putah Creek Near Guenoc CA: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2016 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	11.02	3.31	0.46	0.91	
2	11.44	3.27	1.18	1.00	
3	11.02	2.81	1.76	1.60	
4	11.33	3.18	1.97	3.04	
5	11.70	2.51	2.08	3.03	
6	10.80	3.19	2.16	2.72	
7	10.69	3.16	2.05	3.85	
8	10.39	3.15	1.80	4.48	
9	10.25	3.05	1.68	4.34	
10	10.20	2.18	1.72	3.05	
11	9.81	2.03	1.75	2.47	
12	9.59	2.54	2.24	2.78	
13	9.47	2.20	1.81	4.10	
14	9.48	2.22	2.12	8.29	
15	8.87	2.38	2.00	19.09	
16	8.29	3.33	1.83	67.42	
17	8.37	2.29	1.60	43.01	
18	8.18	2.11	1.60	27.30	
19	8.02	2.06	1.56	19.78	
20	6.97	1.54	1.53	15.93	
21	5.69	1.91	1.55	13.81	
22	5.40	1.92	1.26	12.20	
23	5.67	1.81	1.00	12.00	
24	6.12	1.42	0.85	48.86	
25	6.05	1.06	0.94	724.88	
26	4.80	0.80	1.23	332.06	
27	4.23	1.10	0.94	110.14	
28	3.45	1.31	1.36	448.08	
29	3.62	1.16	1.17	540.03	
30	3.41	0.69	1.07	733.41	
31	3.24	0.51		682.67	
TOTAL (CFS-DAYS)	247.57	66.22	46.25	3896.34	
MEAN	7.99	2.14	1.54	125.69	
MAX	11.70	3.33	2.24	733.41	
MIN	3.24	0.51	0.46	0.91	
TOTAL (AC-FT)	491.05	131.35	91.73	7,728.27	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	0.0	ANNUAL TOTAL 0.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication. Average daily discharge is taken from USGS Gage 11453500 Putah Creek Near Guenoc CA: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2015 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	0.74	0.00	0.00	0.00	
2	0.75	0.00	0.00	0.00	
3	0.36	0.00	0.00	0.00	
4	0.18	0.00	0.00	0.00	
5	0.10	0.00	0.00	0.00	
6	0.07	0.00	0.00	0.00	
7	0.01	0.00	0.00	0.00	
8	0.01	0.00	0.00	0.00	
9	0.01	0.00	0.00	0.00	
10	0.03	0.00	0.00	0.00	
11	0.23	0.00	0.00	0.00	
12	0.33	0.00	0.00	0.00	
13	0.31	0.00	0.00	0.00	
14	0.30	0.00	0.00	0.00	
15	0.22	0.00	0.00	0.00	
16	0.25	0.00	0.00	0.00	
17	1.12	0.00	0.00	0.00	
18	1.60	0.00	0.00	0.00	
19	0.67	0.00	0.00	0.00	
20	0.18	0.00	0.00	0.00	
21	0.04	0.00	0.00	0.00	
22	0.01	0.00	0.00	0.00	
23	0.02	0.00	0.00	0.00	
24	0.42	0.00	0.00	0.00	
25	0.36	0.00	0.00	0.00	
26	0.08	0.00	0.00	0.00	
27	0.02	0.00	0.00	0.00	
28	0.01	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	
31	0.00			0.00	
TOTAL (CFS-DAYS)	8.43	0.00	0.00	0.00	
MEAN	0.27	0.00	0.00	0.00	
MAX	1.60	0.00	0.00	0.00	
MIN	0.00	0.00	0.00	0.00	
TOTAL (AC-FT)	16.72	0.00	0.00	0.00	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	0.0	ANNUAL TOTAL 0.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication. Average daily discharge is taken from USGS Gage 11453500 Putah Creek Near Guenoc CA: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2014 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	0.17	0.00	0.00	0.00	
2	0.09	0.00	0.00	0.00	
3	---	0.00	0.00	0.00	
4	0.19	0.00	0.00	0.00	
5	0.10	0.00	0.00	0.00	
6	0.03	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	
11	0.00	0.00	---	0.00	
12	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	
17	0.00	---	0.00	0.00	
18	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	
21	0.00	---	0.00	0.00	
22	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	
25	0.00	---	0.00	0.00	
26	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	
28	---	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	
31	0.00	0.00	-	0.00	
TOTAL (CFS-DAYS)	0.58	0.00	0.00	0.00	
MEAN	0.02	0.00	0.00	0.00	
MAX	0.19	0.00	0.00	0.00	
MIN	0.00	0.00	0.00	0.00	
TOTAL (AC-FT)	1.15	0.00	0.00	0.00	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	0.0	ANNUAL TOTAL 0.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication. Average daily discharge is taken from USGS Gage 11453500 Putah Creek Near Guenoc CA: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2013 AVERAGE DAILY DISCHARGE (cfs)¹
AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	0.84	2.00	9.30	0.57	
2	0.34	1.40	0.06	0.53	
3	0.28	0.00	0.00	0.01	
4	0.58	0.00	0.38	0.01	
5	0.00	0.00	1.80	0.33	
6	0.16	0.00	3.20	0.27	
7	0.70	1.50	4.50	1.00	
8	0.63	1.70	3.00	1.20	
9	0.58	0.14	0.00	1.10	
10	0.34	0.19	0.04	1.10	
11	0.03	0.61	0.93	0.86	
12	0.00	4.60	0.35	0.66	
13	0.17	4.60	0.00	1.10	
14	0.05	4.40	0.04	1.20	
15	0.28	7.00	0.42	0.66	
16	0.14	1.40	0.41	--	
17	0.39	0.68	0.34	0.43	
18	0.47	0.34	0.04	0.67	
19	0.82	0.49	0.23	1.00	
20	0.53	0.66	0.33	1.00	
21	0.59	0.40	0.36	4.90	
22	0.47	0.56	0.08	2.70	
23	0.55	0.33	0.11	0.12	
24	0.57	0.00	0.20	0.04	
25	0.31	3.60	1.20	0.27	
26	0.20	--	0.85	--	
27	0.16	5.10	1.10	--	
28	0.81	0.35	0.93	0.84	
29	1.90	1.00	0.65	2.20	
30	2.50	2.40	0.77	0.46	
31	2.40	13.00	-	0.45	
TOTAL (CFS-DAYS)	17.79	58.45	31.62	25.68	
MEAN	0.57	1.95	1.05	0.92	
MAX	2.50	13.00	9.30	4.90	
MIN	0.00	0.00	0.00	0.01	
TOTAL (AC-FT)	35.29	115.93	62.72	50.94	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	73.9	123.1	115.5	117.8	ANNUAL TOTAL 430.2

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication. Average daily discharge is taken from USGS Gage 11453500 Putah Creek Near Guenoc CA: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500.
2. The flow data originally shown on-line in real-time for September 12th, 14th, 15th, 16th, and 17th was subsequently reduced on September 17th by USGS pursuant to a direct flow measurement. The unadjusted real-time flow data was used by the District in determining the amount of water to pump to meet supplemental flow requirements. The real-time data used by the District indicated that the minimum flow requirement of 0.9 cfs was being met.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2012 AVERAGE DAILY DISCHARGE (cfs)¹
AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	6.70	1.60	2.10	1.50	
2	6.30	1.50	2.00	1.60	
3	5.90	1.80	0.98	1.70	
4	5.70	2.40	0.22	1.60	
5	5.50	2.20	0.54	1.50	
6	4.90	1.20	1.70	1.30	
7	3.80	2.20	1.80	1.20	
8	2.70	2.60	1.90	1.20	
9	3.00	2.30	1.30	1.20	
10	2.90	0.71	0.06	1.30	
11	2.60	1.10	0.01	1.50	
12	2.00	1.80	0.02	1.60	
13	2.10	1.40	0.03	1.50	
14	3.50	0.32	0.02	1.60	
15	2.60	0.43	0.00	1.60	
16	1.30	0.60	0.03	0.88	
17	1.70	0.62	0.04	0.71	
18	2.90	0.44	0.04	0.80	
19	1.90	0.51	0.77	0.88	
20	1.50	0.40	1.40	0.94	
21	1.50	0.84	1.30	0.96	
22	1.40	1.10	1.20	1.40	
23	1.40	1.10	1.30	1.10	
24	2.20	1.40	1.20	1.10	
25	2.10	1.60	1.30	0.95	
26	2.00	1.80	1.50	0.91	
27	1.90	1.90	1.40	0.97	
28	1.90	1.90	1.40	0.95	
29	1.80	2.00	1.40	0.94	
30	1.80	2.00	1.50	0.95	
31	1.70	2.10	-	1.00	
TOTAL (CFS)	89.20	43.87	28.46	37.34	
MEAN	2.88	1.42	0.95	1.20	
MAX	6.70	2.60	2.10	1.70	
MIN	1.30	0.32	0.00	0.71	
TOTAL (AC-FT)	176.62	86.86	56.35	73.93	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	89.4	135.4	122.2	67.4	ANNUAL TOTAL 414.4

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication. Other than July 1 through 8, August 18, August 25 and September 1, all values for average daily discharge are based on USGS website as posted within 10 days of the respective date. July 1 through 8, August 18, August 25 and September 1 readings were taken from the USGS website on October 30, 2012. Average daily discharge is taken from USGS Gage 11453500 Putah Creek Near Guenoc CA: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11453500.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2011 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	29.95	7.67	2.21	2.37	
2	27.94	7.59	2.13	2.37	
3	26.15	7.38	1.98	2.62	
4	24.55	7.22	1.87	3.00	
5	22.78	6.96	1.05	7.72	
6	22.08	6.30	0.72	7.35	
7	21.25	6.16	1.79	5.20	
8	20.05	7.43	1.10	4.63	
9	19.15	7.09	1.24	4.59	
10	18.20	6.53	1.58	4.74	
11	16.97	4.92	3.60	4.88	
12	16.74	4.23	3.51	5.23	
13	16.41	4.26	2.01	5.56	
14	16.39	3.80	1.69	5.89	
15	15.97	3.56	1.60	5.94	
16	15.84	3.21	1.67	6.36	
17	15.50	2.93	1.80	6.88	
18	15.27	3.13	1.86	7.66	
19	14.74	3.33	1.92	8.15	
20	13.59	3.24	1.99	8.92	
21	12.11	3.61	2.26	8.83	
22	10.34	3.94	2.12	8.84	
23	9.88	3.94	2.02	8.73	
24	9.51	3.75	2.11	8.76	
25	9.71	3.45	2.42	9.11	
26	9.85	2.89	2.28	9.01	
27	9.56	2.54	2.33	9.10	
28	9.59	2.39	2.40	9.55	
29	9.27	2.20	2.52	10.03	
30	8.82	2.07	2.45	10.44	
31	8.27	2.06	-	11.30	
TOTAL (CFS)	496.44	139.75	60.21	213.78	
MEAN	16.01	4.51	2.01	6.90	
MAX	29.95	7.67	3.60	11.30	
MIN	8.27	2.06	0.72	2.37	
TOTAL (AC-FT)	982.95	276.70	119.22	423.29	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	18.8	0.0	ANNUAL TOTAL 18.8

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2010 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	21.00	4.90	1.10	0.78	
2	21.00	4.70	1.00	0.83	
3	20.00	4.50	0.99	0.87	
4	19.00	4.10	0.96	0.87	
5	18.00	3.80	0.94	0.87	
6	17.00	3.70	0.97	0.88	
7	17.00	3.80	1.20	1.20	
8	16.00	2.50	1.30	1.10	
9	15.00	2.00	1.70	0.97	
10	14.00	2.00	1.60	0.83	
11	13.00	2.00	1.50	0.67	
12	13.00	2.20	1.30	0.64	
13	12.00	2.10	1.20	0.99	
14	11.00	1.60	0.98	1.10	
15	11.00	1.50	0.75	1.10	
16	11.00	1.60	0.56	1.00	
17	11.00	1.70	0.71	1.20	
18	9.70	1.60	0.98	1.10	
19	9.10	1.70	0.75	1.10	
20	8.00	1.70	0.70	1.00	
21	7.20	1.50	0.98	1.10	
22	6.70	1.30	1.10	1.00	
23	6.10	1.20	1.20	1.00	
24	5.40	1.40	1.00	397.00	
25	5.10	1.40	0.99	143.00	
26	5.60	1.50	0.92	38.00	
27	6.60	1.40	0.91	20.00	
28	6.50	1.20	0.85	13.00	
29	6.10	1.30	0.81	14.00	
30	5.60	1.20	0.76	27.00	
31	5.30	1.10	-	22.00	
TOTAL (CFS)	353.00	68.20	30.71	696.20	
MEAN	11.39	2.20	1.02	22.46	
MAX	21.00	4.90	1.70	397.00	
MIN	5.10	1.10	0.56	0.64	
TOTAL (AC-FT)	698.94	135.04	60.81	1,378.48	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	15.0	68.5	73.5	27.9	ANNUAL TOTAL 185.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2009 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	6.60	0.68	0.29	0.20	
2	6.50	1.10	0.50	0.40	
3	4.10	1.20	0.31	0.39	
4	2.70	0.96	0.43	0.38	
5	4.30	0.51	0.58	0.38	
6	3.60	0.53	0.59	0.38	
7	1.60	0.89	0.49	0.44	
8	1.40	0.85	0.10	0.44	
9	0.70	0.79	0.05	0.49	
10	0.96	0.53	0.05	0.68	
11	2.30	0.34	0.04	0.79	
12	1.90	0.25	0.19	0.87	
13	0.62	0.22	0.63	2.50	
14	0.00	0.17	0.82	81.00	
15	0.04	0.07	0.62	60.00	
16	1.00	0.03	0.08	26.00	
17	1.10	0.01	0.04	15.00	
18	1.80	0.02	0.03	9.40	
19	2.20	0.21	0.10	7.10	
20	2.10	0.31	0.48	6.90	
21	1.70	0.31	0.32	7.10	
22	1.70	0.89	0.06	6.50	
23	1.20	1.10	0.04	6.20	
24	0.90	0.91	0.10	5.80	
25	0.80	0.66	0.19	5.30	
26	0.61	1.00	0.06	5.80	
27	0.31	0.36	0.07	6.30	
28	0.02	0.00	0.17	6.70	
29	0.10	0.00	0.16	8.60	
30	0.31	0.01	0.13	11.00	
31	0.33	0.35	---	13.00	
TOTAL (CFS)	53.50	15.26	7.72	296.04	
MEAN	1.73	0.49	0.26	9.55	
MAX	6.60	1.20	0.82	81.00	
MIN	0.00	0.00	0.03	0.20	
TOTAL (AC-FT)	105.93	30.21	15.29	586.16	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	45.5	69.9	62.8	24.9	ANNUAL TOTAL 203.1

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2008 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	NOV	
Minimum Flow Requirement	4.70	1.70	0.90	0.60		
1	0.00	0.35	1.50	0.09	3.20	
2	0.00	0.13	1.90	0.09	52.00	
3	0.00	0.02	0.66	0.10	67.00	
4	0.22	0.26	0.20	0.49	145.00	
5	0.56	0.00	0.13	0.83	43.00	
6	0.58	0.08	0.65	0.35	27.00	
7	0.25	0.07	1.90	0.13	20.00	
8	0.30	0.00	1.60	0.12	16.00	
9	0.24	0.00	1.10	0.29	14.00	
10	0.26	0.00	0.08	0.39	14.00	
11	0.22	0.01	0.15	0.58	13.00	
12	0.03	0.01	0.39	0.73	13.00	
13	0.07	0.01	0.02	0.33	13.00	
14	0.40	0.02	0.66	0.05	12.00	
15	0.30	0.03	0.01	0.04	13.00	
16	0.05	0.03	0.09	0.03	13.00	
17	0.02	0.03	0.17	0.04	13.00	
18	0.02	0.06	1.10	0.35	13.00	
19	0.16	0.10	1.10	0.65	13.00	
20	0.35	0.09	0.44	0.29	13.00	
21	0.63	0.08	1.90	0.17	14.00	
22	0.09	0.08	1.50	0.17	14.00	
23	0.81	0.88	0.61	0.08	14.00	
24	1.60	3.30	1.40	0.17	14.00	
25	1.40	3.30	2.30	0.17	15.00	
26	2.10	1.70	1.70	0.47	15.00	
27	1.50	0.29	0.80	0.70	16.00	
28	0.54	0.31	1.30	1.20	15.00	
29	1.70	0.26	0.53	1.50	15.00	
30	2.50	1.50	0.08	1.60	15.00	
31	1.90	2.90	---	2.00	---	
TOTAL (CFS)	18.80	15.90	25.97	14.20	677.20	
MEAN	0.61	0.51	0.87	0.46	22.57	
MAX	2.50	3.30	2.30	2.00	145.00	
MIN	0.00	0.00	0.01	0.03	3.20	
TOTAL (AC-FT)	37.22	31.48	51.42	28.12	1,340.86	
SUPPLEMENTAL WATER DELIVERED (AC-FT) ²	51.4	79.8	75.6	53.6	0.0	ANNUAL TOTAL 260.4 ⁽²⁾

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.
2. Includes water delivered from both the Agricultural well and Well #3 (see Table 5 for specifics).

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA

2007 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	NOV	
Minimum Flow Requirement	4.70	1.70	0.90	0.60		
1	0.12	0.04	0	0	0.26	
2	0.15	0.03	0	0	0.35	
3	0.07	0.02	0	-	0.41	
4	0.02	0.02	0	-	0.43	
5	0	0.01	0	-	0.52	
6	0	0.01	0	0	0.5	
7	0.21	0.01	0	0	0.36	
8	0.33	0	0	0	0.34	
9	0.17	0	0	0	0.38	
10	0.21	0	0	0	0.41	
11	0.23	0	0	0	0.46	
12	0.29	0	0	0	0.36	
13	0.22	0	0	0	0.37	
14	0.12	0	0	0	0.3	
15	0.11	0	0	0	0.26	
16	0.06	0	0	0	0.23	
17	0	0	0	0	0.23	
18	0	0	0	0	0.3	
19	0.01	0	0	0	1.1	
20	0.02	0	0	0	2.1	
21	0.03	0	0	0	2.4	
22	0.04	0	0	0	2.8	
23	0.05	0	0	0	3	
24	0.06	0	0	0	3.2	
25	0.06	0	0	0	3.3	
26	0.07	0	0	0	3.7	
27	0.08	0	0	0	3.8	
28	0.07	0	0	0	3.6	
29	0.06	0	0	0	3.7	
30	0.06	0	0	0	4.1	
31	0.05	0	---	0.02	---	
TOTAL (CFS)	2.97	0.14	0.00	0.02	43.27	
MEAN	0.10	0.00	0.00	0.00	1.44	
MAX	0.33	0.04	0.00	0.02	4.10	
MIN	0.00	0.00	0.00	0.00	0.23	
TOTAL (AC-FT)	5.88	0.28	0.00	0.04	85.67	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	54.4	9.5	ANNUAL TOTAL 64.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 2006 AVERAGE DAILY DISCHARGE (cfs) ¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT		
Minimum Flow Requirement	4.70	1.70	0.90	0.60		
1	28.08	8.37	2.65	0.40		
2	27.74	8.74	2.52	0.60		
3	27.34	8.67	2.37	0.95		
4	26.96	8.14	2.41	1.38		
5	26.78	8.14	2.52	2.62		
6	26.58	8.69	2.77	4.12		
7	25.93	8.82	2.28	3.74		
8	24.86	8.88	1.31	3.47		
9	23.28	7.12	1.00	3.09		
10	22.23	5.66	1.01	2.85		
11	20.70	4.80	1.10	2.47		
12	19.95	5.02	0.95	2.54		
13	19.66	3.71	0.75	2.58		
14	18.83	3.46	0.60	2.94		
15	17.71	3.21	0.54	3.26		
16	17.14	2.75	0.53	3.69		
17	16.02	2.76	0.59	3.47		
18	14.04	2.49	0.69	3.55		
19	13.09	2.24	0.63	3.73		
20	12.80	3.01	0.63	3.54		
21	11.96	3.26	1.19	3.37		
22	10.86	3.59	1.41	3.33		
23	9.74	3.94	1.41	3.42		
24	8.97	4.05	1.62	3.69		
25	8.70	4.19	1.68	3.74		
26	8.04	4.22	1.85	3.65		
27	7.80	4.49	1.47	3.63		
28	7.56	4.40	0.71	3.81		
29	7.86	4.25	0.48	4.05		
30	7.60	4.12	0.38	4.15		
31	8.08	3.95	---	4.52		
TOTAL (CFS)	526.90	159.12	40.05	96.35		
MEAN	17.00	5.13	1.34	3.11		
MAX	28.08	8.88	2.77	4.52		
MIN	7.56	2.24	0.38	0.40		
TOTAL (AC-FT)	1,043.26	315.05	79.31	190.77		
SUPPLEMENTAL ² WATER DELIVERED (AC-FT)	0.0	0.0	0.0	1.8	ANNUAL TOTAL	1.8

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.
2. Source of Supplemental Water during 2006 was from a groundwater well owned by neighboring landowner.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 2005 AVERAGE DAILY DISCHARGE (cfs) ¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT		
Minimum Flow Requirement	4.70	1.70	0.90	0.60		
1	34.56	7.64	0.60	0.57		
2	32.14	7.08	0.59	0.53		
3	31.52	6.89	0.52	0.60		
4	30.47	6.84	0.42	0.71		
5	28.98	6.30	0.44	0.88		
6	27.95	5.86	0.47	1.00		
7	26.76	5.22	0.71	1.41		
8	25.65	4.80	1.25	0.97		
9	24.47	5.06	1.96	0.90		
10	24.41	5.64	0.93	0.83		
11	23.69	5.36	1.55	N/A		
12	22.54	5.29	1.32	0.94		
13	22.53	5.18	0.98	1.16		
14	21.73	4.65	1.12	1.23		
15	20.67	3.56	1.32	1.35		
16	19.71	3.56	1.53	1.42		
17	18.52	3.02	1.33	1.73		
18	17.70	4.25	1.14	1.56		
19	16.68	4.36	0.96	1.32		
20	16.03	4.58	1.05	1.32		
21	15.67	4.25	1.01	1.39		
22	15.58	3.99	0.98	1.82		
23	15.15	2.61	0.88	1.85		
24	14.65	2.16	0.79	1.91		
25	13.67	2.20	0.74	2.41		
26	12.18	2.19	0.69	2.87		
27	11.36	2.12	0.70	3.15		
28	10.33	1.22	0.70	4.58		
29	9.75	1.21	0.74	6.57		
30	9.18	1.12	0.65	4.42		
31	8.18	0.75	---	3.90		
TOTAL (CFS)	622.38	128.98	28.08	55.29		
MEAN	20.08	4.16	0.94	1.84		
MAX	34.56	7.64	1.96	6.57		
MIN	8.18	0.75	0.42	0.53		
TOTAL (AC-FT)	1,232.31	255.39	55.61	109.47		
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	5.4	0.4	ANNUAL TOTAL	5.8

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 2004 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	6.68	0.79	0.03	0.00	
2	6.11	0.76	0.02	0.00	
3	5.65	0.95	0.01	0.00	
4	5.01	0.63	0.01	0.00	
5	3.94	1.05	0.00	0.00	
6	3.41	0.91	0.00	0.00	
7	3.05	0.89	0.00	0.00	
8	2.99	1.53	0.00	0.00	
9	2.98	1.99	0.00	0.00	
10	3.03	1.86	0.00	0.00	
11	2.94	1.20	0.00	0.00	
12	2.66	1.13	0.00	0.00	
13	2.48	1.24	0.00	0.00	
14	2.37	1.11	0.00	0.00	
15	3.83	1.03	0.00	0.00	
16	3.89	0.98	0.00	0.01	
17	4.46	0.92	0.00	0.04	
18	4.18	0.95	0.00	0.06	
19	3.26	0.87	0.03	0.21	
20	3.22	0.80	0.08	0.11	
21	2.59	0.75	0.02	0.17	
22	2.43	0.61	0.00	0.19	
23	2.24	0.17	0.00	0.45	
24	2.01	0.04	0.00	1.10	
25	1.84	0.03	0.00	2.10	
26	2.07	0.07	0.00	59.28	
27	1.78	0.06	0.00	40.03	
28	1.26	0.05	0.00	19.95	
29	1.61	0.04	0.00	10.89	
30	1.11	0.04	0.00	8.95	
31	0.85	0.03	---	7.63	
TOTAL (CFS)	95.92	23.48	0.19	151.18	
MEAN	3.09	0.76	0.01	4.88	
MAX	6.68	1.99	0.08	59.28	
MIN	0.85	0.03	0.00	0.00	
TOTAL (AC-FT)	189.92	46.48	0.38	299.33	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	35.2	24.6	0.0	0.0	ANNUAL TOTAL 59.7

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 2003 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT		
Minimum Flow Requirement	4.70	1.70	0.90	0.60		
1	19.42	2.06	1.31	0.85		
2	18.89	2.52	0.73	0.82		
3	17.80	2.28	0.68	0.89		
4	17.09	2.88	1.04	0.96		
5	16.10	3.40	0.68	0.84		
6	15.93	2.39	0.62	0.41		
7	15.04	2.90	0.87	0.27		
8	14.20	4.57	0.74	0.19		
9	13.14	5.16	0.76	0.23		
10	12.23	4.66	1.24	0.16		
11	11.33	4.17	1.44	0.48		
12	10.86	3.64	1.55	0.73		
13	10.62	3.46	1.32	0.86		
14	10.65	3.25	1.42	0.94		
15	10.40	2.93	1.26	0.98		
16	8.81	2.49	0.42	0.95		
17	8.15	2.23	0.19	0.94		
18	7.61	2.05	0.15	0.94		
19	7.79	1.95	0.17	0.94		
20	7.62	0.37	0.31	0.93		
21	7.17	0.32	0.30	1.08		
22	7.35	1.51	0.54	1.11		
23	5.99	1.17	0.67	1.12		
24	5.21	1.01	0.77	1.05		
25	6.39	1.00	0.83	0.93		
26	4.62	1.09	0.77	0.88		
27	4.31	1.12	0.79	0.88		
28	5.04	1.27	0.80	0.88		
29	3.81	1.52	0.83	0.85		
30	2.80	1.49	0.80	0.84		
31	0.73	1.49	---	0.85		
TOTAL (CFS)	307.10	72.34	24.01	24.76		
MEAN	9.91	2.33	0.80	0.80		
MAX	19.42	5.16	1.55	1.12		
MIN	0.73	0.32	0.15	0.16		
TOTAL (AC-FT)	608.07	143.23	47.53	49.03		
SUPPLEMENTAL WATER DELIVERED (AC-FT)	15.2	25.0	38.4	20.9	ANNUAL TOTAL	99.4

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 2002 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT
Minimum Flow Requirement	4.70	1.70	0.90	0.60
1	0.56	0.19	0.00	0.00
2	0.38	0.21	0.00	0.00
3	0.34	0.19	0.00	0.00
4	0.30	0.13	0.00	0.00
5	0.24	0.07	0.00	0.00
6	0.29	0.14	0.00	0.00
7	0.08	0.11	0.00	0.00
8	0.00	0.03	0.00	0.00
9	0.00	0.02	0.00	0.00
10	0.00	0.01	0.00	0.00
11	0.41	0.01	0.00	0.00
12	0.61	0.01	0.00	0.00
13	0.70	0.01	0.00	0.00
14	0.79	0.01	0.00	0.00
15	0.80	0.01	0.00	0.00
16	0.80	0.01	0.00	0.00
17	0.78	0.01	0.00	0.00
18	0.78	0.01	0.00	0.00
19	0.78	0.01	0.00	0.00
20	0.74	0.01	0.00	0.00
21	0.74	0.00	0.00	0.00
22	0.74	0.00	0.00	0.00
23	0.73	0.00	0.00	0.00
24	0.72	0.00	0.00	0.00
25	0.73	0.00	0.00	0.00
26	0.72	0.00	0.00	0.00
27	0.74	0.00	0.00	0.00
28	0.69	0.00	0.00	0.00
29	0.66	0.00	0.00	0.00
30	0.23	0.00	0.00	0.00
31	0.01	0.00	---	0.00
TOTAL (CFS)	16.10	1.17	0.00	0.00
MEAN	0.52	0.04	0.00	0.00
MAX	0.80	0.21	0.00	0.00
MIN	0.00	0.00	0.00	0.00
TOTAL (AC-FT)	31.89	2.31	0.00	0.00
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	0.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 2001 AVERAGE DAILY DISCHARGE (cfs) ¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT		
Minimum Flow Requirement	4.70	1.70	0.90	0.60		
1	0.00	1.59	0.41	3.66		
2	0.04	0.73	0.32	2.68		
3	0.12	0.73	0.31	3.43		
4	0.13	0.29	0.24	3.46		
5	0.12	1.12	0.19	3.18		
6	0.14	1.55	0.16	1.58		
7	0.16	2.80	0.17	0.99		
8	0.15	2.39	0.08	0.83		
9	0.14	1.57	0.17	0.78		
10	0.12	2.38	0.48	0.99		
11	0.08	0.00	0.64	0.70		
12	0.05	0.68	0.63	0.52		
13	0.02	1.72	0.48	0.41		
14	0.01	1.50	0.33	0.33		
15	0.01	1.28	0.59	0.26		
16	0.06	0.62	1.12	0.22		
17	0.65	0.87	0.79	0.18		
18	0.39	0.70	0.46	0.14		
19	0.50	0.60	0.59	0.09		
20	1.20	0.46	0.83	0.19		
21	2.89	0.70	0.77	0.20		
22	3.18	0.56	0.55	0.15		
23	3.04	0.00	0.69	0.10		
24	2.52	0.03	1.21	0.06		
25	2.74	0.00	2.55	0.04		
26	1.40	0.00	2.77	0.04		
27	0.00	0.00	2.54	0.07		
28	1.21	0.01	2.95	0.10		
29	3.97	0.02	3.30	0.12		
30	3.36	0.46	3.37	0.42		
31	1.99	0.54	---	0.40		
TOTAL (CFS)	30.39	25.92	29.69	26.32		
MEAN	0.98	0.84	0.99	0.85		
MAX	3.97	2.80	3.37	3.66		
MIN	0.00	0.00	0.08	0.04		
TOTAL (AC-FT)	60.16	51.31	58.78	52.12		
SUPPLEMENTAL WATER DELIVERED (AC-FT)	71.2	91.9	60.6	9.1	ANNUAL TOTAL	232.8

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 2000 AVERAGE DAILY DISCHARGE (cfs)¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT	
Minimum Flow Requirement	4.70	1.70	0.90	0.60	
1	12.00	3.20	1.90	0.62	
2	11.00	2.00	1.70	0.81	
3	13.00	2.10	0.00	0.29	
4	12.00	0.77	1.50	0.56	
5	12.00	2.50	1.60	0.96	
6	12.00	0.04	1.50	0.48	
7	12.00	2.30	0.64	0.84	
8	11.00	2.80	0.60	1.20	
9	10.00	1.50	0.00	1.20	
10	9.30	0.00	0.34	1.70	
11	9.20	1.60	0.74	1.70	
12	8.50	1.90	0.90	1.80	
13	5.90	2.00	1.20	1.70	
14	5.20	1.90	0.58	1.80	
15	6.60	1.90	0.61	1.70	
16	6.90	1.90	1.50	1.50	
17	7.20	1.10	1.60	0.91	
18	6.50	1.80	1.00	0.88	
19	6.00	0.83	0.22	0.83	
20	5.70	0.40	0.11	0.88	
21	5.40	0.00	0.61	0.93	
22	5.60	0.84	0.98	0.70	
23	4.60	1.70	1.40	0.57	
24	4.20	1.90	1.60	0.76	
25	4.40	1.90	1.70	1.50	
26	4.60	1.40	0.43	2.70	
27	4.90	0.00	0.11	1.90	
28	4.80	0.95	0.52	2.90	
29	4.10	1.80	0.36	56.00	
30	3.90	1.80	0.31	34.00	
31	3.90	1.80	---	20.00	
TOTAL (CFS)	232.40	46.63	26.26	144.32	
MEAN	5.25	1.50	0.88	4.66	
MAX	13.00	3.20	1.90	56.00	
MIN	3.90	0.00	0.00	0.29	
TOTAL (AC-FT)	460.15	92.33	51.99	285.75	
SUPPLEMENTAL WATER DELIVERED (AC-FT)	13.6	53.7	46.6	39.6	ANNUAL TOTAL 153.5

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 1999 AVERAGE DAILY DISCHARGE (cfs) ¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT		
Minimum Flow Requirement	4.70	1.70	0.90	0.60		
1	12.00	3.50	2.20	0.29		
2	11.00	3.10	2.30	0.91		
3	11.00	2.90	2.00	0.95		
4	11.00	3.40	2.10	1.00		
5	13.00	3.10	2.10	1.20		
6	12.00	3.40	1.60	1.30		
7	11.00	4.20	0.94	1.20		
8	10.00	5.50	0.66	1.10		
9	9.70	5.00	1.20	1.10		
10	10.00	4.40	1.90	1.20		
11	9.60	4.50	1.00	1.60		
12	8.70	4.00	1.70	1.70		
13	8.50	3.00	1.40	1.80		
14	8.10	2.90	1.30	2.00		
15	5.70	2.60	0.50	1.70		
16	6.20	3.10	1.60	1.50		
17	6.70	3.90	1.70	1.60		
18	6.20	3.50	1.90	1.60		
19	5.80	3.30	2.00	1.70		
20	6.20	3.20	1.30	1.20		
21	6.80	3.10	1.10	0.36		
22	7.20	3.10	1.30	0.12		
23	7.30	2.90	2.10	0.04		
24	7.60	1.20	2.10	0.00		
25	6.80	1.30	1.70	0.00		
26	5.00	1.10	2.40	0.00		
27	4.30	1.20	2.70	1.10		
28	5.20	3.10	2.20	4.70		
29	4.50	3.00	0.93	6.30		
30	4.90	2.60	0.47	4.10		
31	5.00	2.20	---	3.60		
TOTAL (CFS)	247.00	97.30	48.40	46.97		
MEAN	7.97	3.14	1.61	1.52		
MAX	13.00	5.50	2.70	6.30		
MIN	4.30	1.10	0.47	0.00		
TOTAL (AC-FT)	490.00	193.00	96.00	93.00		
SUPPLEMENTAL WATER DELIVERED (AC-FT)	4.5	14.0	22.2	17.3	ANNUAL TOTAL	58.0

NOTES:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 4

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
 PUTAH CREEK DISCHARGE MEASUREMENTS

U.S.G.S. GAGING STATION NO. 11453500, PUTAH CREEK NEAR GUENOC, CALIFORNIA
 1998 AVERAGE DAILY DISCHARGE (cfs) ¹
 AND SUPPLEMENTAL WATER DELIVERED

DAY	JUL	AUG	SEP	OCT
Minimum Flow Requirement	4.70	1.70	0.90	0.60
1	62.00	20.00	6.80	9.20
2	60.00	19.00	7.50	9.70
3	59.00	18.00	6.80	9.70
4	57.00	17.00	6.40	9.40
5	54.00	16.00	6.30	8.50
6	51.00	13.00	8.50	7.70
7	48.00	13.00	9.20	7.60
8	47.00	11.00	7.70	6.90
9	45.00	12.00	6.40	5.20
10	45.00	13.00	7.20	5.40
11	44.00	13.00	7.10	5.50
12	42.00	13.00	7.30	6.40
13	39.00	10.00	6.50	7.00
14	38.00	9.40	8.10	7.00
15	36.00	10.00	7.40	7.30
16	34.00	9.10	5.60	4.80
17	33.00	7.60	4.90	5.80
18	32.00	10.00	4.60	5.60
19	31.00	9.40	5.10	5.60
20	28.00	8.60	5.40	5.20
21	28.00	8.40	5.40	5.50
22	27.00	8.10	6.00	5.20
23	26.00	7.60	6.10	5.40
24	27.00	7.30	3.80	11.00
25	25.00	7.40	3.60	14.00
26	22.00	6.90	4.80	11.00
27	22.00	7.30	7.50	9.10
28	20.00	6.80	9.40	9.40
29	20.00	6.40	11.00	11.00
30	19.00	5.90	10.00	8.40
31	20.00	5.30	---	8.80
TOTAL (CFS)	1141.00	329.50	202.40	238.30
MEAN	36.81	10.63	6.75	7.69
MAX	62.00	20.00	11.00	14.00
MIN	19.00	5.30	3.60	4.80
TOTAL (AC-FT)	2263.14	653.55	401.45	472.66
SUPPLEMENTAL WATER DELIVERED (AC-FT)	0.0	0.0	0.0	0.0

NOTE:

1. Data is provisional and subject to revision by U.S. Geological Survey prior to publication.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2018 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
July 1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2018 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
August 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2018 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
September 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2018 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
October 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2017 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
July 1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2017 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
August 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2017 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
September 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2017 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
October 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2016 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
July 1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2016 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
August 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2016 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
September 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2016 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
October 1	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	No supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2015 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
July 1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2015 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
August 1	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2015 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
September 1	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2015 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
October 1	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2014 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
	(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)	
July 1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2014 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	Water Discharge			Water Discharge			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
August 1	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2014 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
September 1	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2014 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>			<u>Well #3 / Well #2</u>			Comments
	<u>Water Discharge</u>			<u>Water Discharge</u>			
	Daily Total	Accumulated Total	Average Rate	Daily Total	Accumulated Total	Average Rate	
(acre-feet)	(acre-feet)	(cfs)	(acre-feet)	(acre-feet)	(cfs)		
October 1	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
2	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
3	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
4	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
5	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
6	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
7	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
8	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
9	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
10	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
11	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
12	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
13	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
14	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
15	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
16	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
17	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
18	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
19	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
20	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
21	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
22	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
23	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
24	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
25	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
26	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
27	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
28	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
29	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
30	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.
31	0.00	0.00	0.0	0.00	0.00	0.0	Due to curtailment, no supplemental discharge took place.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2013 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3 (Through Aug 27) / Well #2 (Beginning Aug 27)</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	
		(AF)	(acre-feet)	(acre-feet)	(cfs)			(gallons)	(acre-feet)	(acre-feet)	(cfs)		
July 1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14	576.883	578.993	2.110	2.11	2.11	1.2	70,560,000	71,141,000	581,000	1.78	1.78	1.1	Begin pumping to creek: Well 3 @ 11:50 AM; Ag Well @ 11:41 AM
15	578.993	581.330	2.337	2.34	4.45	1.2	71,141,000	71,745,000	604,000	1.85	3.64	0.9	
16	581.330	583.766	2.436	2.44	6.88	1.2	71,745,000	72,445,500	700,500	2.15	5.79	1.1	
17	583.766	586.317	2.551	2.55	9.43	1.2	72,445,500	73,146,000	700,500	2.15	7.94	1.1	
18	586.317	588.676	2.359	2.36	11.79	1.2	73,146,000	73,812,000	666,000	2.04	9.98	1.1	
19	588.676	591.135	2.459	2.46	14.25	1.2	73,812,000	74,514,000	702,000	2.15	12.13	1.1	Luchetti pump observed to be running @ 8:35 AM
20	591.135	593.502	2.367	2.37	16.62	1.2	74,514,000	75,187,000	673,000	2.07	14.20	1.0	
21	593.502	595.922	2.420	2.42	19.04	1.2	75,187,000	75,858,000	671,000	2.06	16.26	1.0	
22	595.922	598.284	2.362	2.36	21.40	1.2	75,858,000	76,479,000	621,000	1.91	18.16	1.0	Luchetti pump observed to be running @ 8:23 AM
23	598.284	600.692	2.408	2.41	23.81	1.2	76,479,000	77,158,000	679,000	2.08	20.25	1.0	Luchetti pump observed to be running @ 8:15 AM
24	600.692	602.989	2.297	2.30	26.11	1.2	77,158,000	77,812,000	654,000	2.01	22.26	1.0	Luchetti pump observed to be running @ 9:08 AM
25	602.989	605.338	2.349	2.35	28.45	1.2	77,812,000	78,480,000	668,000	2.05	24.31	1.0	Luchetti pump observed to be running @ 8:10 AM
26	605.338	607.742	2.404	2.40	30.86	1.2	78,480,000	79,148,000	668,000	2.05	26.36	1.0	Luchetti pump observed to be running @ 8:16 AM
27	607.742	610.012	2.270	2.27	33.13	1.1	79,148,000	79,788,000	640,000	1.96	28.32	1.0	
28	610.012	612.226	2.214	2.21	35.34	1.1	79,788,000	80,416,000	628,000	1.93	30.25	1.0	
29	612.226	614.474	2.248	2.25	37.59	1.1	80,416,000	81,046,000	630,000	1.93	32.18	1.0	Luchetti pump observed to be not running @ 8:14 AM
30	614.474	616.616	2.142	2.14	39.73	1.1	81,046,000	81,653,000	607,000	1.86	34.04	1.0	Luchetti pump observed to be not running @ 8:40 AM
31	616.616	618.896	2.280	2.28	42.01	1.1	81,653,000	82,280,000	627,000	1.92	35.97	1.0	Luchetti pump observed to be not running @ 8:08 AM

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2013 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3 (Through Aug 27) / Well #2 (Beginning Aug 27)</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	
		(AF)	(acre-feet)	(acre-feet)	(cfs)			(gallons)	(acre-feet)	(acre-feet)	(cfs)		
August 1	618.896	621.093	2.197	2.20	44.21	1.1	82,280,000	82,907,000	627,000	1.92	37.89	1.0	
2	621.093	623.259	2.166	2.17	46.38	1.1	82,907,000	83,527,000	620,000	1.90	39.79	1.0	
3	623.259	625.500	2.241	2.24	48.62	1.1	83,527,000	84,154,000	627,000	1.92	41.72	1.0	
4	625.500	627.766	2.266	2.27	50.88	1.1	84,154,000	84,777,000	623,000	1.91	43.63	1.0	
5	627.766	630.042	2.276	2.28	53.16	1.1	84,777,000	85,412,000	635,000	1.95	45.58	1.0	Luchetti pump observed to be running @ 8:26 AM
6	630.042	632.239	2.197	2.20	55.36	1.1	85,412,000	86,023,000	611,000	1.88	47.45	1.0	Luchetti pump observed to be running @ 8:28 AM
7	632.239	634.410	2.171	2.17	57.53	1.1	86,023,000	86,628,000	605,000	1.86	49.31	0.9	Luchetti pump observed to be not running @ 8:20 AM
8	634.410	636.644	2.234	2.23	59.76	1.1	86,628,000	87,257,000	629,000	1.93	51.24	1.0	Luchetti pump observed to be not running @ 8:05 AM
9	636.644	638.916	2.272	2.27	62.03	1.1	87,257,000	87,891,000	634,000	1.95	53.19	0.9	Luchetti pump observed to be running @ 8:40 AM
10	638.916	640.918	2.002	2.00	64.04	1.1	87,891,000	88,461,000	570,000	1.75	54.94	0.9	
11	640.918	643.074	2.156	2.16	66.19	1.1	88,461,000	89,061,000	600,000	1.84	56.78	0.9	
12	643.074	645.225	2.151	2.15	68.34	1.1	89,061,000	89,666,000	605,000	1.86	58.63	0.9	Luchetti pump observed to be not running @ 8:21 AM
13	645.225	647.299	2.074	2.07	70.42	1.1	89,666,000	90,248,000	582,000	1.79	60.42	0.9	Luchetti pump observed to be not running @ 8:15 AM
14	647.299	649.196	1.897	1.90	72.31	0.9	90,248,000	90,821,000	573,000	1.76	62.18	0.9	Luchetti pump observed to be not running @ 8:20 AM
15	649.196	651.574	2.378	2.38	74.69	1.1	90,821,000	91,484,000	663,000	2.03	64.21	0.9	Luchetti pump observed to be not running @ 8:17 AM
16	651.574	653.563	1.989	1.99	76.68	1.1	91,484,000	92,044,000	560,000	1.72	65.93	0.9	Luchetti pump observed to be not running @ 11:00 AM
17	653.563	655.550	1.987	1.99	78.67	1.0	92,044,000	92,607,000	563,000	1.73	67.66	0.9	
18	655.550	657.545	1.995	2.00	80.66	1.0	92,607,000	93,166,000	559,000	1.72	69.38	0.9	
19	657.545	659.541	1.996	2.00	82.66	1.0	93,166,000	93,735,000	569,000	1.75	71.12	0.9	Luchetti pump observed to be running @ 8:31 AM
20	659.541	661.556	2.015	2.01	84.67	1.0	93,735,000	94,306,000	571,000	1.75	72.87	0.9	Luchetti pump observed to be not running @ 8:07 AM
21	661.556	663.652	2.096	2.10	86.77	1.0	94,306,000	94,909,000	603,000	1.85	74.72	0.9	Luchetti pump observed to be not running @ 8:40 AM
22	663.652	665.394	1.742	1.74	88.51	0.9	94,909,000	95,445,000	536,000	1.64	76.37	0.7	Luchetti pump observed to be running @ 8:00 AM
23	665.394	666.987	1.593	1.59	90.10	0.8	95,445,000	95,848,000	403,000	1.24	77.61	0.7	Luchetti pump observed to be running @ 8:16 AM
24	666.987	669.041	2.054	2.05	92.16	1.0	95,848,000	96,422,000	574,000	1.76	79.37	0.9	Well 3 shut down for tie in @ 8:40 AM
25	669.041	671.084	2.043	2.04	94.20	1.0	96,422,000	97,017,000	595,000	1.83	81.19	0.9	
26	671.084	673.217	2.133	2.13	96.33	1.0	97,017,000	97,018,000	1,000	0.00	81.20	0.0	Luchetti pump observed to be not running @ 9:15 AM
27	673.217	675.075	1.858	1.86	98.19	1.0	330,386,000	330,816,000	430,000	1.32	82.52	0.7	Shut down Well 3 at 9:05 am; Ag Well shut down @ 9:15 am
28	675.075	677.030	1.955	1.95	100.15	1.0	330,816,000	331,695,000	879,000	2.70	85.21	1.3	Well 2 pumping instead of Well 3; Ag Well pumping
29	677.030	678.752	1.722	1.72	101.87	0.9	331,695,000	332,543,000	848,000	2.60	87.82	1.4	Luchetti pump observed to be running @ 8:12 AM
30	678.752	680.571	1.819	1.82	103.69	0.9	332,543,000	333,468,000	925,000	2.84	90.65	1.4	Luchetti pump observed to be running @ 8:13 AM
31	680.571	682.255	1.684	1.68	105.37	0.9	333,468,000	334,307,000	839,000	2.57	93.23	1.4	Luchetti pump observed to be running @ 8:13 AM

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2013 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3 (Through Aug 27) / Well #2 (Beginning Aug 27)</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	
		(AF)	(acre-feet)	(acre-feet)	(cfs)			(gallons)	(acre-feet)	(acre-feet)	(cfs)		
September 1	682.255	684.065	1.810	1.81	107.18	0.9	334,307,000	334,346,000	39,000	0.12	93.35	0.1	Well 2 shut down @ 8:46 AM
2	684.065	685.848	1.783	1.78	108.97	0.9	334,346,000	335,250,000	904,000	2.77	96.12	1.4	Well 2 back on @ 7:45 AM
3	685.848	687.477	1.629	1.63	110.59	0.9	335,250,000	336,097,000	847,000	2.60	98.72	1.4	Luchetti pump observed to be running @ 8:52 AM
4	687.477	689.182	1.705	1.71	112.30	0.8	336,097,000	336,981,000	884,000	2.71	101.44	1.4	Luchetti pump observed to be running @ 8:01 AM
5	689.182	690.816	1.634	1.63	113.93	0.8	336,981,000	337,856,000	875,000	2.69	104.12	1.4	Luchetti pump observed to be running @ 8:15 AM
6	690.816	692.475	1.659	1.66	115.59	0.8	337,856,000	338,753,000	897,000	2.75	106.87	1.4	Luchetti pump observed to be running @ 8:11 AM
7	692.475	694.083	1.608	1.61	117.20	0.8	338,753,000	339,640,000	887,000	2.72	109.60	1.3	
8	694.083	694.893	0.810	0.81	118.01	0.4	339,640,000	340,063,000	423,000	1.30	110.89	0.7	
9	694.893	696.521	1.628	1.63	119.64	0.8	340,063,000	340,923,000	860,000	2.64	113.53	1.3	Luchetti pump observed to be running @ 8:22 AM
10	696.521	697.927	1.406	1.41	121.04	0.7	340,923,000	341,783,000	860,000	2.64	116.17	1.3	Luchetti pump observed to be running @ 8:05 AM
11	697.927	698.126	0.199	0.20	121.24	0.1	341,783,000	341,898,000	115,000	0.35	116.53	0.2	Luchetti pump observed to be not running @ 8:03 AM
12	698.126	698.976	0.850	0.85	122.09	0.5	341,898,000	342,349,000	451,000	1.38	117.91	0.7	Luchetti pump observed to be not running @ 9:50 AM
13	698.976	700.645	1.669	1.67	123.76	0.8	342,349,000	343,268,000	919,000	2.82	120.73	1.3	Luchetti pump observed to be running @ 8:32 AM
14	700.645	700.896	0.251	0.25	124.01	0.1	343,268,000	344,112,000	844,000	2.59	123.32	1.4	
15	700.896	700.902	0.006	0.01	124.02	0.0	344,112,000	345,086,000	974,000	2.99	126.31	1.4	
16	700.902	702.180	1.278	1.28	125.30	0.7	345,086,000	345,782,000	696,000	2.14	128.45	1.1	Luchetti pump observed to be not running @ 8:54 AM
17	702.180	703.869	1.689	1.69	126.99	0.9	345,782,000	345,802,000	20,000	0.06	128.51	0.0	Luchetti pump observed to be not running @ 8:40 AM
18	703.869	705.481	1.612	1.61	128.60	0.8	345,802,000	346,687,000	885,000	2.72	131.22	1.4	Luchetti pump observed to be running @ 8:12 AM
19	705.481	707.060	1.579	1.58	130.18	0.8	346,687,000	347,562,000	875,000	2.69	133.91	1.4	Luchetti pump observed to be running @ 8:14 AM
20	707.060	708.623	1.563	1.56	131.74	0.8	347,562,000	348,439,000	877,000	2.69	136.60	1.4	Luchetti pump observed to be not running @ 8:06 AM
21	708.623	710.178	1.555	1.55	133.30	0.8	348,439,000	349,310,000	871,000	2.67	139.27	1.4	
22	710.178	711.650	1.472	1.47	134.77	0.7	349,310,000	350,204,000	894,000	2.74	142.02	1.4	
23	711.650	713.115	1.465	1.47	136.23	0.7	350,204,000	351,075,000	871,000	2.67	144.69	1.4	Luchetti pump observed to be running @ 8:08 AM
24	713.115	714.572	1.457	1.46	137.69	0.7	351,075,000	351,965,000	890,000	2.73	147.42	1.4	Luchetti pump observed to be running @ 8:02 AM
25	714.572	716.041	1.469	1.47	139.16	0.7	351,965,000	352,859,000	894,000	2.74	150.16	1.4	Luchetti pump observed to be not running @ 8:06 AM
26	716.041	717.462	1.421	1.42	140.58	0.7	352,859,000	353,726,000	867,000	2.66	152.82	1.4	Luchetti pump observed to be not running @ 8:29 AM
27	717.462	718.878	1.416	1.42	142.00	0.7	353,726,000	354,610,000	884,000	2.71	155.54	1.4	Luchetti pump observed to be not running @ 8:22 AM
28	718.878	720.294	1.416	1.42	143.41	0.7	354,610,000	355,471,000	861,000	2.64	158.18	1.3	
29	720.294	721.713	1.419	1.42	144.83	0.7	355,471,000	356,328,000	857,000	2.63	160.81	1.3	
30	721.713	723.158	1.445	1.45	146.28	0.7	356,328,000	357,212,000	884,000	2.71	163.52	1.3	Luchetti pump observed to be not running @ 8:00 AM

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2013 SUPPLEMENTAL WATER DISCHARGE

Date	<u>Agricultural Well</u>						<u>Well #3 (Through Aug 27) / Well #2 (Beginning Aug 27)</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	
		(AF)	(acre-feet)	(acre-feet)	(cfs)			(gallons)	(acre-feet)	(acre-feet)	(cfs)		
October 1	723.158	724.564	1.406	1.41	147.68	0.7	357,212,000	358,070,000	858,000	2.63	166.16	1.3	Luchetti pump observed to be not running @ 8:14 AM
2	724.564	725.984	1.420	1.42	149.10	0.7	358,070,000	358,945,000	875,000	2.69	168.84	1.3	Luchetti pump observed to be not running @ 8:01 AM
3	725.984	727.369	1.385	1.38	150.49	0.7	358,945,000	359,815,000	870,000	2.67	171.51	1.3	Luchetti pump observed to be running @ 8:14 AM
4	727.369	728.767	1.398	1.40	151.88	0.7	359,815,000	360,695,000	880,000	2.70	174.21	1.3	Luchetti pump observed to be running @ 8:09 AM
5	728.767	730.252	1.485	1.48	153.37	0.7	360,695,000	361,600,000	905,000	2.78	176.99	1.3	
6	730.252	731.522	1.270	1.27	154.64	0.7	361,600,000	362,412,000	812,000	2.49	179.48	1.3	
7	731.522	732.892	1.370	1.37	156.01	0.7	362,412,000	363,276,000	864,000	2.65	182.13	1.3	Luchetti pump observed to be not running @ 8:05 AM
8	732.892	734.286	1.394	1.39	157.40	0.7	363,276,000	364,156,000	880,000	2.70	184.83	1.3	Luchetti pump observed to be not running @ 8:03 AM
9	734.286	735.664	1.378	1.38	158.78	0.7	364,156,000	365,024,000	868,000	2.66	187.50	1.3	Luchetti pump observed to be not running @ 8:33 AM
10	735.664	736.977	1.313	1.31	160.09	0.7	365,024,000	365,866,000	842,000	2.58	190.08	1.3	Luchetti pump observed to be not running @ 8:37 AM
11	736.977	737.982	1.005	1.01	161.10	0.5	365,866,000	366,503,000	637,000	1.95	192.04	0.9	Well 2 off @ 8:14 AM, on @ 5:03 PM; Ag Well off @ 8:27 AM, on @ 5:10 PM
12	737.982	739.397	1.415	1.42	162.51	0.7	366,503,000	367,354,000	851,000	2.61	194.65	1.3	
13	739.397	740.740	1.343	1.34	163.86	0.7	367,354,000	368,173,000	819,000	2.51	197.16	1.3	
14	740.740	741.708	0.968	0.97	164.83	0.5	368,173,000	368,768,000	595,000	1.83	198.99	0.9	Well 2 off @ 8:10 AM, on @ 3:56 PM; Ag Well off @ 8:15 AM, on @ 4:00 PM; Lucchetti pump observed to be off @ 8:21 AM
15	741.708	743.034	1.326	1.33	166.15	0.7	368,768,000	369,446,000	678,000	2.08	201.07	1.1	Luchetti pump observed to be not running @ 8:03 AM
16	743.034	743.248	0.214	0.21	166.37	0.1	369,446,000	369,577,000	131,000	0.40	201.47	0.2	
17	743.248	744.750	1.502	1.50	167.87	0.8	369,577,000	370,449,000	872,000	2.68	204.15	1.3	Luchetti pump observed to be not running @ 8:22 AM
18	744.750	746.205	1.455	1.46	169.32	0.7	370,449,000	371,364,000	915,000	2.81	206.95	1.4	Luchetti pump observed to be not running @ 8:22 AM
19	746.205	747.669	1.464	1.46	170.79	0.7	371,364,000	372,200,000	836,000	2.57	209.52	1.4	Luchetti pump observed to be not running @ 8:15 AM
20	747.669	749.019	1.350	1.35	172.14	0.7	372,200,000	373,018,000	818,000	2.51	212.03	1.3	
21	749.019	750.058	1.039	1.04	173.18	0.5	373,018,000	373,887,000	869,000	2.67	214.70	1.3	Ag well turned off @ 8:40 AM, back on later in the day
22	750.058	751.412	1.354	1.35	174.53	0.7	373,887,000	374,723,000	836,000	2.57	217.26	1.3	Luchetti pump observed to be not running @ 8:24 AM
23	751.412	752.840	1.428	1.43	175.96	0.7	374,723,000	375,595,000	872,000	2.68	219.94	1.3	Luchetti pump observed to be running @ 1:17 PM
24	752.840	754.182	1.342	1.34	177.30	0.7	375,595,000	376,432,000	837,000	2.57	222.51	1.3	Luchetti pump observed to be running @ 8:24 AM
25	754.182	755.558	1.376	1.38	178.68	0.7	376,432,000	377,292,000	860,000	2.64	225.15	1.3	Luchetti pump observed to be running @ 7:56 AM
26	755.558	756.926	1.368	1.37	180.04	0.7	377,292,000	378,144,000	852,000	2.61	227.76	1.3	
27	756.926	758.284	1.358	1.36	181.40	0.7	378,144,000	378,992,000	848,000	2.60	230.36	1.3	
28	758.284	759.687	1.403	1.40	182.80	0.7	378,992,000	379,875,000	883,000	2.71	233.07	1.3	Luchetti pump observed to be not running @ 7:55 AM
29	759.687	760.987	1.300	1.30	184.10	0.7	379,875,000	380,701,000	826,000	2.53	235.61	1.3	Luchetti pump observed to be running @ 8:48 AM
30	760.987	762.355	1.368	1.37	185.47	0.7	380,701,000	381,573,000	872,000	2.68	238.28	1.3	Luchetti pump observed to be running @ 8:07 AM
31	762.355	763.64	1.285	1.28	186.76	0.7	381,573,000	382,393,000	820,000	2.52	240.80	1.3	Luchetti pump observed to be running @ 8:31 AM

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2012 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
July 1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	100,047	102,645	2,598	2.60	2.60	1.3	51,000	745,000	694,000	2.13	2.13	1.1	Begin pumping to creek: Well 3 @ 8:11 AM; Ag Well @ 9:17 AM
14	102,645	105,242	2,598	2.60	5.20	1.3	745,000	1,439,000	694,000	2.13	4.26	1.1	
15	105,242	107,840	2,598	2.60	7.79	1.3	1,439,000	2,133,000	694,000	2.13	6.39	1.1	
16	107,840	110,293	2,453	2.45	10.25	1.3	2,133,000	2,786,000	653,000	2.00	8.39	1.1	Luchetti pump observed to be running @ 8:05 AM
17	110,293	112,822	2,529	2.53	12.78	1.3	2,786,000	3,463,000	677,000	2.08	10.47	1.1	Luchetti pump observed to be running @ 9:57 AM
18	112,822	115,280	2,458	2.46	15.23	1.3	3,463,000	4,117,000	654,000	2.01	12.48	1.1	Luchetti pump observed to be running @ 8:00 AM
19	115,280	117,889	2,609	2.61	17.84	1.3	4,117,000	4,810,000	693,000	2.13	14.60	1.1	Luchetti pump observed to be running @ 8:09 AM
20	117,889	120,448	2,559	2.56	20.40	1.3	4,810,000	5,527,000	717,000	2.20	16.81	1.1	Luchetti pump observed to be running @ 8:26 AM
21	120,448	123,075	2,627	2.63	23.03	1.3	5,527,000	6,226,000	699,000	2.15	18.95	1.1	
22	123,075	125,680	2,605	2.61	25.63	1.3	6,226,000	6,915,000	689,000	2.11	21.06	1.1	
23	125,680	128,261	2,581	2.58	28.21	1.3	6,915,000	7,609,000	694,000	2.13	23.19	1.1	Luchetti pump observed to be running @ 8:03 AM
24	128,261	130,966	2,705	2.71	30.92	1.3	7,609,000	8,348,000	739,000	2.27	25.46	1.1	Luchetti pump observed to be running @ 8:22 AM
25	130,966	133,496	2,530	2.53	33.45	1.3	8,348,000	9,030,000	682,000	2.09	27.56	1.1	Luchetti pump observed to be running @ 8:53 AM
26	133,496	136,202	2,706	2.71	36.16	1.3	9,030,000	9,762,000	732,000	2.25	29.80	1.1	Luchetti pump observed to be running @ 8:28 AM
27	136,202	138,791	2,589	2.59	38.74	1.3	9,762,000	10,459,000	697,000	2.14	31.94	1.1	Luchetti pump observed to be running @ 9:00 AM
28	138,791	141,342	2,551	2.55	41.30	1.3	10,459,000	11,155,000	696,000	2.14	34.08	1.1	
29	141,342	143,855	2,513	2.51	43.81	1.3	11,155,000	11,833,000	678,000	2.08	36.16	1.1	
30	143,855	146,413	2,558	2.56	46.37	1.3	11,833,000	12,525,000	692,000	2.12	38.28	1.1	Luchetti pump observed to be running @ 8:15 AM
31	146,413	149,025	2,612	2.61	48.98	1.3	12,525,000	13,236,000	711,000	2.18	40.46	1.1	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2012 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
August 1	149,025	151,515	2,490	2.49	51.47	1.3	13,236,000	13,923,000	687,000	2.11	42.57	1.1	
2	151,515	154,117	2,602	2.60	54.07	1.3	13,923,000	14,751,000	828,000	2.54	45.11	1.1	Luchetti pump observed to be running @ 9:05 AM
3	154,117	156,594	2,477	2.48	56.55	1.3	14,751,000	15,325,000	574,000	1.76	46.87	1.1	Luchetti pump observed to be running @ 8:30 AM
4	156,594	159,132	2,538	2.54	59.09	1.3	15,325,000	16,180,000	855,000	2.62	49.50	1.1	
5	159,132	161,575	2,443	2.44	61.53	1.2	16,180,000	16,701,000	521,000	1.60	51.10	1.1	Luchetti pump observed to be running @ 8:19 AM
6	161,575	164,048	2,473	2.47	64.00	1.2	16,701,000	17,401,000	700,000	2.15	53.25	1.1	
7	164,048	166,531	2,483	2.48	66.48	1.3	17,401,000	18,095,000	694,000	2.13	55.38	1.1	Luchetti pump observed to be not running @ 8:05 AM
8	166,531	168,935	2,404	2.40	68.89	1.2	18,095,000	18,774,000	679,000	2.08	57.46	1.1	Luchetti pump observed to be not running @ 8:09 AM
9	168,935	171,459	2,524	2.52	71.41	1.3	18,774,000	19,482,000	708,000	2.17	59.63	1.1	Luchetti pump observed to be not running @ 8:32 AM
10	171,459	173,861	2,402	2.40	73.81	1.2	19,482,000	20,171,000	689,000	2.11	61.75	1.0	Luchetti pump observed to be running @ 8:20 AM
11	173,861	176,261	2,400	2.40	76.21	1.2	20,171,000	20,849,000	678,000	2.08	63.83	1.0	
12	176,261	178,488	2,227	2.23	78.44	1.2	20,849,000	21,441,000	592,000	1.82	65.64	1.0	
13	178,488	180,889	2,401	2.40	80.84	1.2	21,441,000	22,118,000	677,000	2.08	67.72	1.0	Luchetti pump observed to be not running @ 8:14 AM
14	180,889	182,798	1,909	1.91	82.75	1.2	22,118,000	22,662,000	544,000	1.67	69.39	1.0	Luchetti pump observed to be running @ 8:17 AM
15	182,798	185,185	2,387	2.39	85.14	1.2	22,662,000	23,320,000	658,000	2.02	71.41	1.0	Luchetti pump observed to be running @ 8:10 AM
16	185,185	187,576	2,391	2.39	87.53	1.2	23,320,000	24,001,000	681,000	2.09	73.50	1.0	Luchetti pump observed to be running @ 8:12 AM
17	187,576	190,071	2,495	2.50	90.02	1.2	24,001,000	24,722,000	721,000	2.21	75.71	1.0	Luchetti pump observed to be running @ 8:00 AM
18	190,071	192,310	2,239	2.24	92.26	1.2	24,722,000	25,351,000	629,000	1.93	77.64	1.0	Luchetti pump observed to be running @ 10:30 AM
19	192,310	194,510	2,200	2.20	94.46	1.2	25,351,000	25,956,000	605,000	1.86	79.50	1.0	
20	194,510	197,031	2,521	2.52	96.98	1.2	25,956,000	26,673,000	717,000	2.20	81.70	1.0	Luchetti pump observed to be running @ 8:06 AM
21	197,031	199,131	2,100	2.10	99.08	1.2	26,673,000	27,265,000	592,000	1.82	83.52	1.0	Luchetti pump observed to be running @ 9:44 AM
22	199,131	201,416	2,285	2.29	101.37	1.2	27,265,000	27,905,000	640,000	1.96	85.48	1.0	Luchetti pump observed to be running @ 8:00 AM
23	201,416	203,717	2,301	2.30	103.67	1.2	27,905,000	28,553,000	648,000	1.99	87.47	1.0	Luchetti pump observed to be running @ 8:01 AM
24	203,717	205,970	2,253	2.25	105.92	1.2	28,553,000	29,195,000	642,000	1.97	89.44	1.0	Luchetti pump observed to be not running @ 8:07 AM
25	205,970	208,285	2,315	2.32	108.24	1.1	29,195,000	29,837,000	642,000	1.97	91.41	1.0	
26	208,285	210,662	2,377	2.38	110.62	1.1	29,837,000	30,520,000	683,000	2.10	93.51	1.0	
27	210,662	212,698	2,036	2.04	112.65	1.1	30,520,000	31,091,000	571,000	1.75	95.26	1.0	Luchetti pump observed to be running @ 11:09 AM
28	212,698	215,220	2,522	2.52	115.17	1.1	31,091,000	31,790,000	699,000	2.15	97.40	1.0	Luchetti pump observed to be running @ 8:36 AM
29	215,220	217,320	2,100	2.10	117.27	1.2	31,790,000	32,377,000	587,000	1.80	99.20	1.0	Luchetti pump observed to be not running @ 10:20 AM
30	217,320	219,610	2,290	2.29	119.56	1.1	32,377,000	33,020,000	643,000	1.97	101.18	1.0	Luchetti pump observed to be not running @ 8:22 AM
31	219,610	221,809	2,199	2.20	121.76	1.2	33,020,000	33,644,000	624,000	1.91	103.09	1.0	Luchetti pump observed to be not running @ 8:14 AM

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2012 SUPPLEMENTAL WATER DISCHARGE

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	
		(AF X 0.001)	(acre-feet)	(acre-feet)	(cfs)			(gallons)	(acre-feet)	(acre-feet)	(cfs)		
September 1	221,809	224,073	2,264	2.26	124.03	1.1	33,644,000	34,278,000	634,000	1.95	105.04	1.0	
2	224,073	226,305	2,232	2.23	126.26	1.1	34,278,000	34,918,000	640,000	1.96	107.00	1.0	
3	226,305	228,576	2,271	2.27	128.53	1.1	34,918,000	35,544,000	626,000	1.92	108.92	1.0	
4	228,576	231,089	2,513	2.51	131.04	1.1	35,544,000	36,247,000	703,000	2.16	111.08	1.0	Luchetti pump observed to be running @ 8:06 AM
5	231,089	233,079	1,990	1.99	133.03	1.1	36,247,000	36,804,000	557,000	1.71	112.79	1.0	Luchetti pump observed to be running @ 10:45 AM
6	233,079	235,376	2,297	2.30	135.33	1.1	36,804,000	37,452,000	648,000	1.99	114.78	1.0	Luchetti pump observed to be not running @ 8:02 AM
7	235,376	237,765	2,389	2.39	137.72	1.1	37,452,000	38,130,000	678,000	2.08	116.86	1.0	Luchetti pump observed to be not running @ 8:22 AM
8	237,765	240,379	2,614	2.61	140.33	1.1	38,130,000	38,854,000	724,000	2.22	119.08	1.0	
9	240,379	242,139	1,760	1.76	142.09	1.1	38,854,000	39,338,000	484,000	1.49	120.57	1.0	
10	242,139	244,379	2,240	2.24	144.33	1.1	39,338,000	39,963,000	625,000	1.92	122.49	1.0	Luchetti pump observed to be running @ 8:17 AM
11	244,379	246,610	2,231	2.23	146.56	1.1	39,963,000	40,584,000	621,000	1.91	124.39	1.0	Luchetti pump observed to be running @ 8:06 AM
12	246,610	249,054	2,444	2.44	149.01	1.1	40,584,000	41,255,000	671,000	2.06	126.45	1.0	Luchetti pump observed to be running @ 8:10 AM
13	249,054	251,122	2,068	2.07	151.08	1.1	41,255,000	41,832,000	577,000	1.77	128.22	1.0	Luchetti pump observed to be running @ 9:04 AM
14	251,122	253,038	1,916	1.92	152.99	1.1	41,832,000	42,409,000	577,000	1.77	129.99	1.0	Luchetti pump observed to be running @ 8:17 AM
15	253,038	255,283	2,245	2.25	155.24	1.1	42,409,000	43,021,000	612,000	1.88	131.87	0.9	
16	255,283	257,573	2,290	2.29	157.53	1.1	43,021,000	43,634,000	613,000	1.88	133.75	1.0	
17	257,573	259,782	2,209	2.21	159.74	1.1	43,634,000	44,250,000	616,000	1.89	135.64	1.0	Luchetti pump observed to be not running @ 7:57 AM
18	259,782	262,221	2,439	2.44	162.17	1.1	44,250,000	44,916,000	666,000	2.04	137.69	1.0	Luchetti pump observed to be running @ 8:06 AM
19	262,221	264,219	1,998	2.00	164.17	1.1	44,916,000	45,468,000	552,000	1.69	139.38	0.9	Luchetti pump observed to be not running @ 10:40 AM
20	264,219	266,443	2,224	2.22	166.40	1.1	45,468,000	46,085,000	617,000	1.89	141.27	0.9	Luchetti pump observed to be not running @ 8:05 AM
21	266,443	268,610	2,167	2.17	168.56	1.1	46,085,000	46,689,000	604,000	1.85	143.13	0.9	Luchetti pump observed to be not running @ 8:17 AM
22	268,610	270,782	2,172	2.17	170.74	1.1	46,689,000	47,286,000	597,000	1.83	144.96	0.9	
23	270,782	272,988	2,206	2.21	172.94	1.1	47,286,000	47,882,000	596,000	1.83	146.79	0.9	
24	272,988	275,137	2,149	2.15	175.09	1.1	47,882,000	48,479,000	597,000	1.83	148.62	0.9	Luchetti pump observed to be not running @ 8:07 AM
25	275,137	277,333	2,196	2.20	177.29	1.1	48,479,000	49,083,000	604,000	1.85	150.47	0.9	Luchetti pump observed to be not running @ 8:00 AM
26	277,333	279,435	2,102	2.10	179.39	1.1	49,083,000	49,658,000	575,000	1.76	152.24	0.9	Luchetti pump observed to be not running @ 8:15 AM
27	279,435	281,399	1,964	1.96	181.35	1.1	49,658,000	50,200,000	542,000	1.66	153.90	0.9	Ag Well and Well 3 off for 2 hours; Luchetti not pumping
28	281,399	283,550	2,151	2.15	183.50	1.0	50,200,000	50,782,000	582,000	1.79	155.69	0.9	Luchetti pump observed to be not running @ 8:00 AM
29	283,550	286,271	2,721	2.72	186.22	1.1	50,782,000	51,525,000	743,000	2.28	157.97	0.9	
30	286,271	287,808	1,537	1.54	187.76	1.1	51,525,000	51,948,000	423,000	1.30	159.27	0.9	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2012 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 1	287,808	289,840	2,032	2.03	189.79	1.1	51,948,000	52,505,000	557,000	1.71	160.98	0.9	Luchetti pump observed to be not running @ 9:01 AM
2	289,840	291,912	2,072	2.07	191.87	1.0	52,505,000	53,075,000	570,000	1.75	162.72	0.9	Luchetti pump observed to be not running @ 8:29 AM
3	291,912	293,968	2,056	2.06	193.92	1.1	53,075,000	53,640,000	565,000	1.73	164.46	0.9	Luchetti pump observed to be not running @ 8:19 AM
4	293,968	296,068	2,100	2.10	196.02	1.0	53,640,000	54,218,000	578,000	1.77	166.23	0.9	Luchetti pump observed to be not running @ 8:08 AM
5	296,068	298,040	1,972	1.97	197.99	1.1	54,218,000	54,769,000	551,000	1.69	167.92	0.9	Luchetti pump observed to be not running @ 8:34 AM
6	298,040	300,386	2,346	2.35	200.34	1.0	54,769,000	55,411,000	642,000	1.97	169.89	0.9	
7	300,386	302,118	1,732	1.73	202.07	1.1	55,411,000	55,891,000	480,000	1.47	171.37	0.9	
8	302,118	304,127	2,009	2.01	204.08	1.0	55,891,000	56,460,000	569,000	1.75	173.11	0.9	Luchetti pump observed to be not running @ 8:00 AM
9	304,127	306,158	2,031	2.03	206.11	0.9	56,460,000	57,025,000	565,000	1.73	174.85	0.9	Luchetti pump observed to be not running @ 8:04 AM
10	306,158	308,214	2,056	2.06	208.17	1.0	57,025,000	57,608,000	583,000	1.79	176.64	0.9	Luchetti pump observed to be not running @ 8:25 AM
11	308,214	310,406	2,192	2.19	210.36	1.0	57,608,000	58,215,000	607,000	1.86	178.50	0.9	Luchetti pump observed to be not running @ 10:00 AM
12	310,406	312,136	1,730	1.73	212.09	1.0	58,215,000	58,706,000	491,000	1.51	180.01	0.9	
13	312,136	314,151	2,015	2.02	214.10	1.0	58,706,000	59,269,000	563,000	1.73	181.73	0.9	
14	314,151	316,375	2,224	2.22	216.33	1.0	59,269,000	59,891,000	622,000	1.91	183.64	0.9	
15	316,375	316,855	480	0.48	216.81	1.0	59,891,000	60,471,000	580,000	1.78	185.42	1.0	Ag well stopped pumping to creek at 4:35 PM
16	316,855	316,855	0	0.00	216.81	0.0	60,471,000	61,287,000	816,000	2.50	187.93	1.0	
17	316,855	316,855	0	0.00	216.81	0.0	61,287,000	61,791,000	504,000	1.55	189.47	1.0	
18	316,855	316,904	49	0.05	216.86	1.2	61,791,000	62,445,000	654,000	2.01	191.48	1.0	Ag well on for 0.5 hours, then shut down; Luchetti not pumping
19	316,904	316,904	0	0.00	216.86	0.0	62,445,000	63,105,000	660,000	2.03	193.51	1.0	Luchetti pump observed to be not running @ 8:00 AM
20	316,904	316,904	0	0.00	216.86	0.0	63,105,000	63,781,000	676,000	2.07	195.58	1.0	
21	316,904	316,904	0	0.00	216.86	0.0	63,781,000	64,428,000	647,000	1.99	197.57	1.1	
22	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	Well 3 stopped pumping to creek at 8:38 AM
23	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
24	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
25	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
26	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
27	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
28	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
29	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
30	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	
31	316,904	316,904	0	0.00	216.86	0.0	64,428,000	64,428,000	0	0.00	197.57	0.0	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2011 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
July 1													
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TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2011 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
August 1													
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TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2011 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
September 1													
2													
3													
4													
5													
6	560,998	563,658	2,660	2.66	2.66	1.34	90,029,000	90,738,000	709,000	2.18	2.18	1.10	Start Ag Well and Well 3 @ 8:00 AM
7	563,658	566,430	2,772	2.77	5.43	1.40	90,738,000	90,738,000	0	0.00	2.18	0.00	Luchetti Pumping @ 8:05 AM, Well 3 Stop @ 8:30 AM
8	566,430	569,062	2,632	2.63	8.06	1.33	90,738,000	90,738,000	0	0.00	2.18	0.00	Luchetti Pumping @ 8:18 AM
9	569,062	571,663	2,601	2.60	10.67	1.31	90,738,000	90,738,000	0	0.00	2.18	0.00	Luchetti Pumping @ 8:23 AM
10	571,663	574,287	2,624	2.62	13.29	1.33	90,738,000	90,738,000	0	0.00	2.18	0.00	
11	574,287	577,025	2,738	2.74	16.03	1.38	90,738,000	90,738,000	0	0.00	2.18	0.00	
12	577,025	577,474	449	0.45	16.48	0.23	90,738,000	90,738,000	0	0.00	2.18	0.00	
13	577,474	577,474	0	0.00	16.48	0.00	90,738,000	90,738,000	0	0.00	2.18	0.00	Luchetti Pumping
14	577,474	577,474	0	0.00	16.48	0.00	90,738,000	90,738,000	0	0.00	2.18	0.00	Luchetti Pumping
15	577,474	577,528	54	0.05	16.53	0.03	90,738,000	90,756,000	18,000	0.06	2.23	0.03	Luchetti Pumping
16	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	Luchetti Pumping
17	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
18	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
19	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
20	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
21	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
22	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
23	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
24	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
25	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
26	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
27	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
28	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
29	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
30	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2011 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 1	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
2	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
3	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
4	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
5	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
6	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
7	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
8	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
9	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
10	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
11	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
12	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
13	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
14	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
15	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
16	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
17	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
18	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
19	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
20	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
21	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
22	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
23	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
24	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
25	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
26	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
27	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
28	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
29	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
30	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	
31	577,528	577,528	0	0.00	16.53	0.00	90,756,000	90,756,000	0	0.00	2.23	0.00	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2010 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	<u>Meter Readings</u>			<u>Water Discharge</u>			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
July 1							
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25							
26	216,050	218,037	1,987	1.99	1.99	1.00	Ag Well: Started 2:00 PM - Running continuously
27	218,037	220,853	2,816	2.82	4.80	1.42	
28	220,853	223,279	2,426	2.43	7.23	1.23	
29	223,279	225,990	2,711	2.71	9.94	1.37	
30	225,990	228,435	2,445	2.45	12.39	1.23	
31	228,435	231,092	2,657	2.66	15.04	1.34	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2010 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	Meter Readings			Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
August 1	231,092	233,772	2,680	2.68	17.72	1.35	
2	233,772	236,353	2,581	2.58	20.30	1.30	
3	236,353	239,034	2,681	2.68	22.98	1.35	
4	239,034	241,591	2,557	2.56	25.54	1.29	
5	241,591	244,233	2,642	2.64	28.18	1.33	
6	244,233	247,984	3,751	3.75	31.93	1.89	
7	247,984	248,622	638	0.64	32.57	0.32	Ag Well: Started running 2 hours off and 1 hour on
8	248,622	249,496	874	0.87	33.45	0.44	
9	249,496	250,587	1,091	1.09	34.54	0.55	
10	250,587	251,714	1,127	1.13	35.66	0.57	
11	251,714	252,904	1,190	1.19	36.85	0.60	
12	252,904	254,670	1,766	1.77	38.62	0.89	
13	254,670	255,774	1,104	1.10	39.72	0.56	
14	255,774	257,303	1,529	1.53	41.25	0.77	
15	257,303	258,694	1,391	1.39	42.64	0.70	
16	258,694	260,855	2,161	2.16	44.81	1.09	
17	260,855	263,078	2,223	2.22	47.03	1.12	Ag Well: Shut down @9:05 AM, Observed Luchetti pumping @ 3:15 PM
18	263,078	266,021	2,943	2.94	49.97	1.49	Ag Well: Started running continuously
19	266,021	268,394	2,373	2.37	52.34	1.20	
20	268,394	271,232	2,838	2.84	55.18	1.43	
21	271,232	273,820	2,588	2.59	57.77	1.31	
22	273,820	276,203	2,383	2.38	60.15	1.20	
23	276,203	278,827	2,624	2.62	62.78	1.33	
24	278,827	281,704	2,877	2.88	65.65	1.45	
25	281,704	283,996	2,292	2.29	67.95	1.16	
26	283,996	286,614	2,618	2.62	70.56	1.32	
27	286,614	289,126	2,512	2.51	73.08	1.27	
28	289,126	291,668	2,542	2.54	75.62	1.28	
29	291,668	294,325	2,657	2.66	78.28	1.34	
30	294,325	296,953	2,628	2.63	80.90	1.33	
31	296,953	299,588	2,635	2.64	83.54	1.33	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2010 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	Meter Readings			Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
September 1	299,588	302,071	2,483	2.48	86.02	1.25	
2	302,071	304,591	2,520	2.52	88.54	1.27	
3	304,591	307,115	2,524	2.52	91.07	1.27	
4	307,115	309,657	2,542	2.54	93.61	1.28	
5	309,657	312,097	2,440	2.44	96.05	1.23	
6	312,097	314,639	2,542	2.54	98.59	1.28	
7	314,639	317,171	2,532	2.53	101.12	1.28	
8	317,171	319,714	2,543	2.54	103.66	1.28	Observed Luchetti pumping @ 1:45 PM
9	319,714	322,323	2,609	2.61	106.27	1.32	
10	322,323	325,635	3,312	3.31	109.59	1.67	
11	325,635	327,449	1,814	1.81	111.40	0.92	
12	327,449	329,770	2,321	2.32	113.72	1.17	
13	329,770	332,287	2,517	2.52	116.24	1.27	
14	332,287	334,913	2,626	2.63	118.86	1.33	
15	334,913	336,720	1,807	1.81	120.67	0.91	
16	336,720	339,419	2,699	2.70	123.37	1.36	
17	339,419	342,163	2,744	2.74	126.11	1.39	
18	342,163	343,268	1,105	1.11	127.22	0.56	
19	343,268	345,503	2,235	2.24	129.45	1.13	
20	345,503	348,046	2,543	2.54	132.00	1.28	
21	348,046	350,951	2,905	2.91	134.90	1.47	
22	350,951	353,105	2,154	2.15	137.06	1.09	
23	353,105	355,591	2,486	2.49	139.54	1.26	
24	355,591	358,316	2,725	2.73	142.27	1.38	
25	358,316	360,882	2,566	2.57	144.83	1.30	
26	360,882	363,171	2,289	2.29	147.12	1.16	
27	363,171	365,656	2,485	2.49	149.61	1.26	
28	365,656	368,303	2,647	2.65	152.25	1.34	
29	368,303	370,624	2,321	2.32	154.57	1.17	
30	370,624	373,095	2,471	2.47	157.05	1.25	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2010 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	Meter Readings			Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 1	373,095	375,481	2,386	2.39	159.43	1.21	
2	375,481	377,877	2,396	2.40	161.83	1.21	
3	377,877	380,266	2,389	2.39	164.22	1.21	
4	380,266	382,607	2,341	2.34	166.56	1.18	
5	382,607	385,151	2,544	2.54	169.10	1.28	
6	385,151	387,413	2,262	2.26	171.36	1.14	
7	387,413	387,494	81	0.08	171.44	0.04	Ag Well: Shut down to install pressure release valve to Well #3
8	387,494	387,519	25	0.03	171.47	0.01	
9	387,519	387,519	0	0.00	171.47	0.00	
10	387,519	387,519	0	0.00	171.47	0.00	
11	387,519	389,179	1,660	1.66	173.13	0.84	Ag Well: Re-started and running continuously
12	389,179	391,712	2,533	2.53	175.66	1.28	
13	391,712	394,053	2,341	2.34	178.00	1.18	
14	394,053	396,016	1,963	1.96	179.97	0.99	
15	396,016	398,463	2,447	2.45	182.41	1.24	
16	398,463	400,942	2,479	2.48	184.89	1.25	
17	400,942	401,035	93	0.09	184.99	0.05	Ag Well: Discharge discontinued @ 8:50 am
18	401,035	401,035	0	0.00	184.99	0.00	
19	401,035	401,035	0	0.00	184.99	0.00	
20	401,035	401,035	0	0.00	184.99	0.00	
21	401,035	401,035	0	0.00	184.99	0.00	
22	401,035	401,035	0	0.00	184.99	0.00	
23	401,035	401,035	0	0.00	184.99	0.00	
24	401,035	401,035	0	0.00	184.99	0.00	
25	401,035	401,035	0	0.00	184.99	0.00	
26	401,035	401,035	0	0.00	184.99	0.00	
27	401,035	401,035	0	0.00	184.99	0.00	
28	401,035	401,035	0	0.00	184.99	0.00	
29	401,035	401,035	0	0.00	184.99	0.00	
30	401,035	401,035	0	0.00	184.99	0.00	
31	401,035	401,035	0	0.00	184.99	0.00	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2009 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	<u>Meter Readings</u>			<u>Water Discharge</u>			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
July 1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14	775,556	777,448	1,892	1.89	1.89	0.96	Ag Well: Started 11:00 AM - Running Continuously
15	777,448	779,548	2,100	2.10	3.99	1.06	Ag Well: Drawdowns 5.5 hr off
16	779,548	782,165	2,617	2.62	6.61	1.32	
17	782,165	785,310	3,145	3.15	9.75	1.59	
18	785,310	787,447	2,137	2.14	11.89	1.08	
19	787,447	790,005	2,558	2.56	14.45	1.29	
20	790,005	792,532	2,527	2.53	16.98	1.28	
21	792,532	795,074	2,542	2.54	19.52	1.28	Observed Luchetti pumping @ 10:30 AM
22	795,074	797,705	2,631	2.63	22.15	1.33	Observed Luchetti pumping @ 10:15 AM
23	797,705	800,230	2,525	2.53	24.67	1.28	Observed Luchetti pumping @ 11:30 AM
24	800,230	803,713	3,483	3.48	28.16	1.76	Observed Luchetti pumping @ 8:30 AM
25	803,713	805,225	1,512	1.51	29.67	0.76	
26	805,225	807,984	2,759	2.76	32.43	1.39	
27	807,984	810,562	2,578	2.58	35.01	1.30	Observed Luchetti pumping @ 9:30 AM
28	810,562	813,147	2,585	2.59	37.59	1.31	Observed Luchetti pumping @ 11:00 AM
29	813,147	815,691	2,544	2.54	40.14	1.28	Observed Luchetti pumping @ 8:00 AM
30	815,691	818,262	2,571	2.57	42.71	1.30	
31	818,262	821,038	2,776	2.78	45.48	1.40	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2009 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	Meter Readings			Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
August 1	821,038	823,527	2,489	2.49	47.97	1.26	
2	823,527	825,773	2,246	2.25	50.22	1.13	
3	825,773	828,269	2,496	2.50	52.71	1.26	Observed Luchetti pumping @ 1:00 PM
4	828,269	830,716	2,447	2.45	55.16	1.24	
5	830,716	833,041	2,325	2.33	57.49	1.17	Observed Luchetti pumping @ 3:00 PM
6	833,041	835,434	2,393	2.39	59.88	1.21	Observed Luchetti pump broken down @ 11:30 AM
7	835,434	838,185	2,751	2.75	62.63	1.39	Observed Luchetti pump being worked on @ 10:52 AM
8	838,185	840,045	1,860	1.86	64.49	0.94	
9	840,045	842,147	2,102	2.10	66.59	1.06	
10	842,147	844,468	2,321	2.32	68.91	1.17	
11	844,468	847,074	2,606	2.61	71.52	1.32	
12	847,074	849,002	1,928	1.93	73.45	0.97	Observed Luchetti pumping @ 9:00 AM
13	849,002	851,687	2,685	2.69	76.13	1.36	Observed Luchetti pumping @ 8:45 AM
14	851,687	853,559	1,872	1.87	78.00	0.95	
15	853,559	855,600	2,041	2.04	80.04	1.03	
16	855,600	857,766	2,166	2.17	82.21	1.09	
17	857,766	859,590	1,824	1.82	84.03	0.92	Observed Luchetti pumping @ 2:40 PM
18	859,590	861,886	2,296	2.30	86.33	1.16	Observed Luchetti pumping @ 8:22 AM
19	861,886	864,578	2,692	2.69	89.02	1.36	Observed Luchetti pumping @ 12:17 PM
20	864,578	866,474	1,896	1.90	90.92	0.96	
21	866,474	869,516	3,042	3.04	93.96	1.54	
22	869,516	870,952	1,436	1.44	95.40	0.73	
23	870,952	870,952	0	0.00	95.40	0.00	
24	870,952	875,737	4,785	4.79	100.18	2.42	Observed Luchetti pumping @ 12:30 PM
25	875,737	877,682	1,945	1.95	102.13	0.98	Observed Luchetti pump being worked on @ 12:30 PM
26	877,682	879,942	2,260	2.26	104.39	1.14	
27	879,942	882,158	2,216	2.22	106.60	1.12	Observed Luchetti pumping @ 9:30 AM
28	882,158	884,458	2,300	2.30	108.90	1.16	Observed Luchetti pumping @ 1:20 PM
29	884,458	886,821	2,363	2.36	111.27	1.19	
30	886,821	888,746	1,925	1.93	113.19	0.97	
31	888,746	890,986	2,240	2.24	115.43	1.13	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2009 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	<u>Meter Readings</u>			<u>Water Discharge</u>			Comments
	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	
			(AF X 0.001)	(acre-feet)	(acre-feet)	(cfs)	
September 1	890,986	893,196	2,210	2.21	117.64	1.12	Observed Luchetti pumping @ 12:52 PM
2	893,196	895,409	2,213	2.21	119.85	1.12	
3	895,409	897,580	2,171	2.17	122.02	1.10	
4	897,580	900,519	2,939	2.94	124.96	1.48	
5	900,519	901,875	1,356	1.36	126.32	0.68	
6	901,875	904,076	2,201	2.20	128.52	1.11	
7	904,076	905,942	1,866	1.87	130.39	0.94	
8	905,942	908,152	2,210	2.21	132.60	1.12	
9	908,152	910,334	2,182	2.18	134.78	1.10	
10	910,334	912,418	2,084	2.08	136.86	1.05	
11	912,418	915,291	2,873	2.87	139.74	1.45	
12	915,291	916,647	1,356	1.36	141.09	0.68	
13	916,647	918,699	2,052	2.05	143.14	1.04	
14	918,699	920,478	1,779	1.78	144.92	0.90	
15	920,478	922,666	2,188	2.19	147.11	1.11	
16	922,666	924,845	2,179	2.18	149.29	1.10	
17	924,845	926,996	2,151	2.15	151.44	1.09	
18	926,996	929,573	2,577	2.58	154.02	1.30	
19	929,573	931,493	1,920	1.92	155.94	0.97	
20	931,493	933,306	1,813	1.81	157.75	0.92	
21	933,306	935,358	2,052	2.05	159.80	1.04	
22	935,358	937,361	2,003	2.00	161.81	1.01	
23	937,361	939,332	1,971	1.97	163.78	1.00	
24	939,332	941,413	2,081	2.08	165.86	1.05	
25	941,413	943,903	2,490	2.49	168.35	1.26	
26	943,903	945,974	2,071	2.07	170.42	1.05	
27	945,974	947,547	1,573	1.57	171.99	0.79	
28	947,547	949,525	1,978	1.98	173.97	1.00	
29	949,525	951,617	2,092	2.09	176.06	1.06	
30	951,617	953,759	2,142	2.14	178.20	1.08	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2009 SUPPLEMENTAL WATER DISCHARGE**

Agricultural Well

Date	Meter Readings			Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 1	953,759	955,774	2,015	2.02	180.22	1.02	
2	955,774	958,171	2,397	2.40	182.62	1.21	
3	958,171	959,812	1,641	1.64	184.26	0.83	
4	959,812	961,937	2,125	2.13	186.38	1.07	
5	961,937	963,993	2,056	2.06	188.44	1.04	
6	963,993	966,291	2,298	2.30	190.74	1.16	
7	966,291	968,269	1,978	1.98	192.71	1.00	
8	968,269	970,152	1,883	1.88	194.60	0.95	
9	970,152	972,760	2,608	2.61	197.20	1.32	
10	972,760	974,260	1,500	1.50	198.70	0.76	
11	974,260	976,301	2,041	2.04	200.75	1.03	
12	976,301	978,376	2,075	2.08	202.82	1.05	
13	978,376	978,614	238	0.24	203.06	0.12	Ag Well: Discharge discontinued @ 11:20 AM
14	978,614	978,662	48	0.05	203.11	0.02	
15	978,662	978,662	0	0.00	203.11	0.00	
16	978,662	978,662	0	0.00	203.11	0.00	
17	978,662	978,662	0	0.00	203.11	0.00	
18	978,662	978,662	0	0.00	203.11	0.00	
19	978,662	978,662	0	0.00	203.11	0.00	
20	978,662	978,662	0	0.00	203.11	0.00	
21	978,662	978,662	0	0.00	203.11	0.00	
22	978,662	978,662	0	0.00	203.11	0.00	
23	978,662	978,662	0	0.00	203.11	0.00	
24	978,662	978,662	0	0.00	203.11	0.00	
25	978,662	978,662	0	0.00	203.11	0.00	
26	978,662	978,662	0	0.00	203.11	0.00	
27	978,662	978,662	0	0.00	203.11	0.00	
28	978,662	978,662	0	0.00	203.11	0.00	
29	978,662	978,662	0	0.00	203.11	0.00	
30	978,662	978,662	0	0.00	203.11	0.00	
31	978,662				203.11		

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2008 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	d Total (acre-feet)	Average Rate (cfs)	
July 1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11	156,897	159,140	2,243	2.24	2.24	1.13							Ag Well: Started 10:35 AM - running continuously
12	159,140	162,534	3,394	3.39	5.64	1.71							
13	162,534	164,465	1,931	1.93	7.57	0.98							
14	164,465	167,123	2,658	2.66	10.23	1.34							
15	167,123	169,388	2,265	2.27	12.49	1.14							
16	169,388	171,976	2,588	2.59	15.08	1.31							
17	171,976	174,564	2,588	2.59	17.67	1.31							
18	174,564	178,120	3,556	3.56	21.22	1.80							
19	178,120	179,812	1,692	1.69	22.92	0.85							
20	179,812	181,976	2,164	2.16	25.08	1.09							
21	181,976	184,531	2,555	2.56	27.63	1.29							
22	184,531	186,969	2,438	2.44	30.07	1.23							
23	186,969	189,436	2,467	2.47	32.54	1.25							
24	189,436	191,906	2,470	2.47	35.01	1.25							
25	191,906	195,162	3,256	3.26	38.27	1.64							
26	195,162	196,656	1,494	1.49	39.76	0.75							
27	196,656	198,892	2,236	2.24	42.00	1.13							
28	198,892	201,277	2,385	2.39	44.38	1.20							Observed Luchetti pumping @ 2:50 PM
29	201,277	203,605	2,328	2.33	46.71	1.18							
30	203,605	205,962	2,357	2.36	49.07	1.19							
31	205,962	208,278	2,316	2.32	51.38	1.17							Observed Luchetti pumping @ 12:20 PM

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2008 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	d Total (acre-feet)	Average Rate (cfs)	
August 1	208,278	210,232	1,954	1.95	53.34	0.99							Ag Well: Change operation to 1 hr on - 1 hr off
2	210,232	211,063	831	0.83	54.17	0.42							
3	211,063	212,067	1,004	1.00	55.17	0.51							
4	212,067	213,215	1,148	1.15	56.32	0.58							Observed Luchetti pumping
5	213,215	214,377	1,162	1.16	57.48	0.59							
6	214,377	215,531	1,154	1.15	58.63	0.58							
7	215,531	216,683	1,152	1.15	59.79	0.58							
8	216,683	218,033	1,350	1.35	61.14	0.68							
9	218,033	219,058	1,025	1.03	62.16	0.52							
10	219,058	220,068	1,010	1.01	63.17	0.51							
11	220,068	221,210	1,142	1.14	64.31	0.58							
12	221,210	222,503	1,293	1.29	65.61	0.65							Ag Well: Change operation to 2 hr on - 1 hr off
13	222,503	224,107	1,604	1.60	67.21	0.81							
14	224,107	225,551	1,444	1.44	68.65	0.73							
15	225,551	228,622	3,071	3.07	71.73	1.55							Ag Well: Commence running continuously from 8:45 AM
16	228,622	230,044	1,422	1.42	73.15	0.72							
17	230,044	232,198	2,154	2.15	75.30	1.09							
18	232,198	234,669	2,471	2.47	77.77	1.25							
19	234,669	236,722	2,053	2.05	79.83	1.04	25,691,000	26,291,000	600,000	1.84	1.84	0.93	Well #3: Began using Well #3 at 11:38 AM
20	236,722	238,836	2,114	2.11	81.94	1.07	26,291,000	26,964,000	673,000	2.07	3.91	1.04	
21	238,836	240,969	2,133	2.13	84.07	1.08	26,964,000	27,633,000	669,000	2.05	5.96	1.04	
22	240,969	243,195	2,226	2.23	86.30	1.12	27,633,000	28,325,000	692,000	2.12	8.08	1.07	
23	243,195	245,687	2,492	2.49	88.79	1.26	28,325,000	29,147,000	822,000	2.52	10.61	1.27	
24	245,687	247,211	1,524	1.52	90.31	0.77	29,147,000	29,629,000	482,000	1.48	12.09	0.75	
25	247,211	249,179	1,968	1.97	92.28	0.99	29,629,000	30,259,000	630,000	1.93	14.02	0.98	
26	249,179	251,240	2,061	2.06	94.34	1.04	30,259,000	30,928,000	669,000	2.05	16.07	1.04	
27	251,240	253,234	1,994	1.99	96.34	1.01	30,928,000	31,578,000	650,000	1.99	18.07	1.01	
28	253,234	255,181	1,947	1.95	98.28	0.98	31,578,000	32,226,000	648,000	1.99	20.06	1.00	
29	255,181	257,284	2,103	2.10	100.39	1.06	32,226,000	32,921,000	695,000	2.13	22.19	1.08	
30	257,284	259,234	1,950	1.95	102.34	0.98	32,921,000	33,595,000	674,000	2.07	24.26	1.04	
31	259,234	261,475	2,241	2.24	104.58	1.13	33,595,000	34,364,000	769,000	2.36	26.62	1.19	

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2008 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference	Daily Total	Accumulated Total	Average Rate	Start	End	Difference	Daily Total	d Total	Average Rate	
		(AF X 0.001)	(acre-feet)	(acre-feet)	(cfs)			(gallons)	(acre-feet)	(acre-feet)	(cfs)		
September 1	261,475	262,859	1,384	1.38	105.96	0.70	34,364,000	34,834,000	470,000	1.44	28.06	0.73	
2	262,859	264,745	1,886	1.89	107.85	0.95	34,834,000	34,983,000	149,000	0.46	28.52	0.23	Well #3: Pump failed and shutdown
3	264,745	266,690	1,945	1.95	109.79	0.98							
4	266,690	268,556	1,866	1.87	111.66	0.94							
5	268,556	271,135	2,579	2.58	114.24	1.30							
6	271,135	272,384	1,249	1.25	115.49	0.63							
7	272,384	274,403	2,019	2.02	117.51	1.02	34,983,000	36,123,000	1,140,000	3.50	32.01	1.77	Well #3: Pump restarted
8	274,403	276,097	1,694	1.69	119.20	0.86	36,123,000	36,407,000	284,000	0.87	32.89	0.44	
9	276,097	277,979	1,882	1.88	121.08	0.95	36,407,000	36,736,000	329,000	1.01	33.90	0.51	
10	277,979	279,809	1,830	1.83	122.91	0.92	36,736,000	37,070,000	334,000	1.03	34.92	0.52	
11	279,809	281,681	1,872	1.87	124.78	0.95	37,070,000	37,419,000	349,000	1.07	35.99	0.54	
12	281,681	284,117	2,436	2.44	127.22	1.23	37,419,000	38,073,000	654,000	2.01	38.00	1.01	
13	284,117	285,349	1,232	1.23	128.45	0.62	38,073,000	38,378,000	305,000	0.94	38.93	0.47	
14	285,349	287,124	1,775	1.78	130.23	0.90	38,378,000	38,855,000	477,000	1.46	40.40	0.74	
15	287,124	288,894	1,770	1.77	132.00	0.89	38,855,000	39,278,000	423,000	1.30	41.70	0.66	
16	288,894	290,651	1,757	1.76	133.75	0.89	39,278,000	39,709,000	431,000	1.32	43.02	0.67	Well #3: Discharge set from 4:00 PM to 8:00 AM
17	290,651	292,435	1,784	1.78	135.54	0.90	39,709,000	40,294,000	585,000	1.80	44.81	0.91	
18	292,435	294,206	1,771	1.77	137.31	0.89	40,294,000	40,781,000	487,000	1.49	46.31	0.75	
19	294,206	296,194	1,988	1.99	139.30	1.00	40,781,000	41,147,000	366,000	1.12	47.43	0.57	
20	296,194	297,460	1,266	1.27	140.56	0.64	41,147,000	41,430,000	283,000	0.87	48.30	0.44	
21	297,460	299,167	1,707	1.71	142.27	0.86	41,430,000	41,825,000	395,000	1.21	49.51	0.61	
22	299,167	300,899	1,732	1.73	144.00	0.87	41,825,000	42,101,000	276,000	0.85	50.36	0.43	
23	300,899	302,694	1,795	1.80	145.80	0.91	42,101,000	42,209,000	108,000	0.33	50.69	0.17	Well #3: Pump failed and discharge discontinued
24	302,694	304,504	1,810	1.81	147.61	0.91							
25	304,504	305,872	1,368	1.37	148.98	0.69							
26	305,872	306,189	317	0.32	149.29	0.16							
27	306,189	308,125	1,936	1.94	151.23	0.98							
28	308,125	309,418	1,293	1.29	152.52	0.65							
29	309,418	311,240	1,822	1.82	154.34	0.92							
30	311,240	313,001	1,761	1.76	156.10	0.89							

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2008 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Agricultural Well</u>						<u>Well #3</u>						Comments
	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Start	End	Difference (gallons)	Daily Total (acre-feet)	Average Rate (cfs)		
October 1	313,001	314,778	1,777	1.78	157.88	0.90							
2	314,778	316,593	1,815	1.82	159.70	0.92							
3	316,593	319,006	2,413	2.41	162.11	1.22							
4	319,006	320,103	1,097	1.10	163.21	0.55							
5	320,103	321,908	1,805	1.81	165.01	0.91							
6	321,908	323,721	1,813	1.81	166.82	0.92							
7	323,721	325,506	1,785	1.79	168.61	0.90							
8	325,506	327,343	1,837	1.84	170.45	0.93							
9	327,343	329,102	1,759	1.76	172.21	0.89							
10	329,102	330,990	1,888	1.89	174.09	0.95							
11	330,990	332,685	1,695	1.70	175.79	0.86							
12	332,685	334,458	1,773	1.77	177.56	0.90							
13	334,458	336,348	1,890	1.89	179.45	0.95							
14	336,348	337,967	1,619	1.62	181.07	0.82							
15	337,967	339,642	1,675	1.68	182.75	0.85							
16	339,642	341,462	1,820	1.82	184.57	0.92							
17	341,462	342,159	697	0.70	185.26	0.35							
18	342,159	345,159	3,000	3.00	188.26	1.52							
19	345,159	346,881	1,722	1.72	189.98	0.87							
20	346,881	349,077	2,196	2.20	192.18	1.11							
21	349,077	350,504	1,427	1.43	193.61	0.72							
22	350,504	352,298	1,794	1.79	195.40	0.91							
23	352,298	354,274	1,976	1.98	197.38	1.00							
24	354,274	356,606	2,332	2.33	199.71	1.18							
25	356,606	357,651	1,045	1.05	200.75	0.53							
26	357,651	359,541	1,890	1.89	202.64	0.95							
27	359,541	361,271	1,730	1.73	204.37	0.87							
28	361,271	363,003	1,732	1.73	206.11	0.87							
29	363,003	364,800	1,797	1.80	207.90	0.91							
30	364,800	366,585	1,785	1.79	209.69	0.90							
31	366,585				209.69								Ag Well: Pump stopped and discharge discontinued

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2007 SUPPLEMENTAL WATER DISCHARGE

Date	Meter Readings		Agricultural Well				Comments
	Start	End	Difference (thousand gallons)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 1							
2							
3							
4							
5							
6							
7							
8	128,364	130,372	2,008	6.16	6.16	3.11	Pipeline repairs complete, begin supplemental water delivery using well no.3 pumping approx. 520 gpm
9							
10							
11	130,372	131,123	751	2.30	8.47	1.16	
12	131,123	131,946	823	2.53	10.99	1.28	
13	131,946	132,769	823	2.53	13.52	1.28	
14	132,769	133,437	668	2.05	15.57	1.04	
15	133,437	133,991	554	1.70	17.27	0.86	
16	133,991	134,715	724	2.22	19.49	1.12	
17	134,715	135,463	748	2.30	21.79	1.16	
18	135,463	136,224	761	2.34	24.12	1.18	
19	136,224	138,524	2,300	7.06	31.18	3.56	
20							
21							
22	138,524	140,115	1,591	4.88	36.06	2.47	
23							
24	140,115	140,787	672	2.06	38.12	1.04	
25	140,787	141,552	765	2.35	40.47	1.19	
26	141,552	143,828	2,276	6.98	47.46	3.53	
27							
28							
29	143,828	144,586	758	2.33	49.78	1.17	Surface flow registers at the Gage
30	144,586	145,338	752	2.31	52.09	1.17	Flow remains 4" below Gage sensor
31	145,338	146,106	768	2.36	54.45	1.19	
November 1	146,106	149,169	3,063	9.40	63.85	4.75	
2							
3							
4							
5	149,169	149,205	36	0.11	63.96	0.06	Discontinue supplemental water delivery for 2007

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2006 SUPPLEMENTAL WATER DISCHARGE**

Date	Time		Neighbor's Groundwater Well			Comments
	Start	End	Approximate Rate (gpm)	Pumping Hours	Discharge Amount (acre-feet)	
October 1						
2	3:00 pm	12:00 am	400	9.00	0.66	Begin supplemental water delivery using Groundwater Well - Approx 400 gpm
3	12:00 am	4:45 pm	400	15.45	1.14	Discontinue supplemental water delivery for 2006.
4						
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TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2005 SUPPLEMENTAL WATER DISCHARGE

Date	Agricultural Well			Water Discharge			Comments
	Meter Readings		Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
Start	End						
September 1							
2							
3							
4							
5							
6							
7	759,087	760,845	1,758	1.76	1.76	0.89	Begin supplemental water delivery; Pumping Schedule: 2 hours on, 1 hour off
8	760,845	762,973	2,128	2.13	3.89	1.07	
9	762,973	764,009	1,036	1.04	4.92	0.52	Pump failing, discharge sporadic
10							Pump failing, discharge sporadic
11							Pump failing, discharge sporadic
12	764,009	764,009	0	0.00	4.92	0.00	Pump failed
13	764,009	764,080	71	0.07	4.99	0.04	Pump failing, discharge sporadic
14	764,080	764,080	0	0.00	4.99	0.00	Pump failed
15	764,080	764,080	0	0.00	4.99	0.00	
16	764,080	764,080	0	0.00	4.99	0.00	
17	764,080	764,080	0	0.00	4.99	0.00	
18	764,080	764,080	0	0.00	4.99	0.00	
19	764,080	764,080	0	0.00	4.99	0.00	
20	764,080	764,080	0	0.00	4.99	0.00	
21	764,080	764,080	0	0.00	4.99	0.00	
22	764,080	764,080	0	0.00	4.99	0.00	
23	764,080	764,080	0	0.00	4.99	0.00	
24	764,080	764,080	0	0.00	4.99	0.00	
25	764,080	764,080	0	0.00	4.99	0.00	
26	764,080	764,080	0	0.00	4.99	0.00	
27	764,080	764,080	0	0.00	4.99	0.00	
28							
29	764,080	764,117	37	0.04	5.03	0.02	Pump restarted; Pumping Schedule: 15 minutes on, 1 hour off
30	764,117	764,413	296	0.30	5.33	0.15	Pump failing, discharge sporadic

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2005 SUPPLEMENTAL WATER DISCHARGE

Date	<u>Meter Readings</u>			<u>Water Discharge</u>			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 2	764,413	764,630	217	0.22	5.54	0.11	Pump failing, discharge sporadic
3	764,630	764,630	0	0.00	5.54	0.00	Pump failed
4	764,630	764,630	0	0.00	5.54	0.00	
5	764,630	764,848	218	0.22	5.76	0.11	Pump restarted; Pumping Schedule: 15 minutes on, 1 hour off
6	764,848	764,848	0	0.00	5.76	0.00	Pump failed
7	764,848	764,848	0	0.00	5.76	0.00	
8	764,848	764,848	0	0.00	5.76	0.00	
9	764,848	764,848	0	0.00	5.76	0.00	
10	764,848	764,848	0	0.00	5.76	0.00	
11	764,848	764,848	0	0.00	5.76	0.00	
12	764,848	764,848	0	0.00	5.76	0.00	
13	764,848	764,848	0	0.00	5.76	0.00	
14	764,848	764,848	0	0.00	5.76	0.00	
15	764,848	764,848	0	0.00	5.76	0.00	
16	764,848	764,848	0	0.00	5.76	0.00	
17	764,848	764,848	0	0.00	5.76	0.00	
18	764,848	764,851	3	0.00	5.76	0.00	
19	764,851	764,851	0	0.00	5.76	0.00	
20	764,851	764,851	0	0.00	5.76	0.00	
21	764,851	764,851	0	0.00	5.76	0.00	
22	764,851	764,851	0	0.00	5.76	0.00	
23	764,851	764,851	0	0.00	5.76	0.00	
24	764,851	764,851	0	0.00	5.76	0.00	
25	764,851	764,853	2	0.00	5.77	0.00	Pump restarted; Pumping Schedule: 15 minutes on, 3 hours off
26							Pump failed, discontinue supplemental water delivery for 2005
27							
28							
29							
30							
31							

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2004 SUPPLEMENTAL WATER DISCHARGE**

Date	<u>Meter Readings</u>			<u>Agricultural Well</u>			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
July 14	499,384	501,626	2,242	2.24	2.24	1.13	Begin supplemental water delivery; Pumping schedule: 24 hours on, 0 hour off Changed pumping schedule: 2 hours on 1 hour off.
15	501,626	503,874	2,248	2.25	4.49	1.14	
16	503,874	511,306	7,432	7.43	11.92	3.75	
17							
18							
19	511,306	513,720	2,414	2.41	14.34	1.22	
20	513,720	516,094	2,374	2.37	16.71	1.20	
21	516,094	518,543	2,449	2.45	19.16	1.24	
22	518,543	520,713	2,170	2.17	21.33	1.10	
23	520,713	527,418	6,705	6.71	28.03	3.39	
24							
25							
26	527,418	529,552	2,134	2.13	30.17	1.08	
27	529,552	530,789	1,237	1.24	31.41	0.62	
28	530,789	532,687	1,898	1.90	33.30	0.96	
29	532,687	534,556	1,869	1.87	35.17	0.94	
30							
31							

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2004 SUPPLEMENTAL WATER DISCHARGE

Date	Agricultural Well			Water Discharge			Comments
	Meter Readings		Difference	Daily Total	Accumulated Total	Average Rate	
	Start	End	(AF X 0.001)	(acre-feet)	(acre-feet)	(cfs)	
August 1	534,556	540,248	5,692	5.69	40.86	2.87	
2	540,248	542,251	2,003	2.00	42.87	1.01	
3	542,251	543,979	1,728	1.73	44.60	0.87	
4	543,979	546,038	2,059	2.06	46.65	1.04	
5	546,038	547,767	1,729	1.73	48.38	0.87	
6	547,767	552,780	5,013	5.01	53.40	2.53	
7							
8							
9	552,780	554,633	1,853	1.85	55.25	0.94	
10	554,633	556,692	2,059	2.06	57.31	1.04	
11	556,692	557,996	1,304	1.30	58.61	0.66	Pump failing, discharge sporadic
12	557,996	558,805	809	0.81	59.42	0.41	Pump failing, discharge sporadic
13	558,805	559,122	317	0.32	59.74	0.16	Pump failing, discharge sporadic
14							Pump failing, discharge sporadic
15							Pump failing, discharge sporadic
16	559,122	559,122	0	0.00	59.74	0.00	Pump failed, discontinue supplemental water delivery for 2004
17							
18							
19							
20							
21							
22							
23							
24							
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29							
30							
31							

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2003 SUPPLEMENTAL WATER DISCHARGE**

<u>Date</u>	<u>Meter Readings</u>			<u>Water Discharge</u>			<u>Comments</u>
	<u>Start</u>	<u>End</u>	<u>Difference</u> (AF X 0.001)	<u>Daily Total</u> (acre-feet)	<u>Accumulated Total</u> (acre-feet)	<u>Average Rate</u> (cfs)	
July 22	112,957	115,126	2,169	2.17	2.17	1.10	Begin supplemental water delivery; Pumping schedule: 4 hours on, 1 hour off Changed pumping schedule: 1 hour on 1 hour off.
23	115,126	117,327	2,201	2.20	4.37	1.11	
24	117,327	121,607	4,280	4.28	8.65		
25							
26	121,607	123,428	1,821	1.82	10.47	0.92	
27	123,428	125,124	1,696	1.70	12.17	0.86	
28	125,124	126,064	940	0.94	13.11	0.47	Changed pumping schedule: 1/2 hour on 2 hours off.
29	126,064	126,715	651	0.65	13.76	0.33	
30	126,715	127,324	609	0.61	14.37	0.31	
31	127,324	128,113	789	0.79	15.16	0.40	

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2003 SUPPLEMENTAL WATER DISCHARGE

Date	Agricultural Well			Water Discharge			Comments	
	Meter Readings		Difference	Daily Total	Accumulated Total	Average Rate		
	Start	End	(AF X 0.001)	(acre-feet)	(acre-feet)	(cfs)		
August 1	128,113	129,152	1,039	1.04	16.20	0.52	Changed pumping schedule: 1 hour on 3 hours off.	
2	129,152	130,203	1,051	1.05	17.25	0.53		
3	130,203	131,294	1,091	1.09	18.34	0.55		
4	131,294	132,447	1,153	1.15	19.49	0.58		
5	132,447	133,255	808	0.81	20.30	0.41		
6	133,255	134,025	770	0.77	21.07	0.39		
7	134,025	134,857	832	0.83	21.90	0.42		
8	134,857	135,707	850	0.85	22.75	0.43		
9	135,707	136,556	849	0.85	23.60	0.43		
10	136,556	137,517	961	0.96	24.56	0.49	Changed pumping schedule: off.	
11	137,517	137,517	0	0.00	24.56			
12	137,517	137,517	0	0.00	24.56			
13	137,517	137,517	0	0.00	24.56			
14	137,517	137,517	0	0.00	24.56			
15	137,517	137,517	0	0.00	24.56			
16	137,517	137,517	0	0.00	24.56			
17	137,517	137,517	0	0.00	24.56			
18	137,517	138,168	651	0.65	25.21	0.33		Changed pumping schedule: 1/2 hour on 2 hours off.
19	138,168	139,014	846	0.85	26.06	0.43		
20	139,014	139,726	712	0.71	26.77	0.36		
21	139,726	140,293	567	0.57	27.34	0.29		
22	140,293	141,010	717	0.72	28.05	0.36		
23	141,010	141,725	715	0.72	28.77	0.36		
24	141,725	142,656	931	0.93	29.70	0.47		
25	142,656	143,549	893	0.89	30.59	0.45	Changed pumping schedule: 1 hour on 2 hours off.	
26	143,549	144,727	1,178	1.18	31.77	0.59		
27	144,727	145,957	1,230	1.23	33.00	0.62		
28	145,957	147,846	1,889	1.89	34.89	0.95	Changed pumping schedule: 1 hour on 1 hour off.	
29	147,846	149,530	1,684	1.68	36.57	0.85		
30	149,530	151,245	1,715	1.72	38.29	0.87		
31	151,245	153,119	1,874	1.87	40.16	0.95		

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2003 SUPPLEMENTAL WATER DISCHARGE

<u>Agricultural Well</u>							Comments
Date	<u>Meter Readings</u>			<u>Water Discharge</u>			
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
September 1	153,119	154,941	1,822	1.82	41.98	0.92	
2	154,941	156,541	1,600	1.60	43.58	0.81	
3	156,541	158,258	1,717	1.72	45.30	0.87	
4	158,258	159,984	1,726	1.73	47.03	0.87	
5	159,984	161,708	1,724	1.72	48.75	0.87	
6	161,708	163,354	1,646	1.65	50.40	0.83	
7	163,354	165,405	2,051	2.05	52.45	1.04	
8	165,405	166,761	1,356	1.36	53.80	0.68	
9	166,761	168,510	1,749	1.75	55.55	0.88	
10	168,510	170,197	1,687	1.69	57.24	0.85	
11	170,197	171,871	1,674	1.67	58.91	0.85	
12	171,871	173,076	1,205	1.21	60.12	0.61	Changed pumping schedule: 1 hour on 2 hours off.
13	173,076	174,387	1,311	1.31	61.43	0.66	
14	174,387	175,639	1,252	1.25	62.68	0.63	
15	175,639	175,824	185	0.19	62.87	0.09	Changed pumping schedule: off.
16	175,824	175,824	0	0.00	62.87		
17	175,824	175,824	0	0.00	62.87		
18	175,824	175,824	0	0.00	62.87		
19	175,824	177,689	1,865	1.87	64.73	0.94	Changed pumping schedule: 1 hour on 2 hours off.
20	177,689	178,690	1,001	1.00	65.73	0.51	
21	178,690	179,904	1,214	1.21	66.95	0.61	
22	179,904	181,119	1,215	1.22	68.16	0.61	
23	181,119	182,647	1,528	1.53	69.69	0.77	
24	182,647	183,733	1,086	1.09	70.78	0.55	
25	183,733	184,893	1,160	1.16	71.94	0.59	
26	184,893	186,164	1,271	1.27	73.21	0.64	
27	186,164	187,478	1,314	1.31	74.52	0.66	
28	187,478	188,741	1,263	1.26	75.78	0.64	
29	188,741	189,992	1,251	1.25	77.04	0.63	
30	189,992	191,474	1,482	1.48	78.52	0.75	

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2003 SUPPLEMENTAL WATER DISCHARGE

Date	<u>Meter Readings</u>			<u>Water Discharge</u>			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 1	191,474	192,211	737	0.74	79.25	0.37	
2	192,211	193,333	1,122	1.12	80.38	0.57	
3	193,333	194,228	895	0.90	81.27	0.45	
4	194,228	195,406	1,178	1.18	82.45	0.59	
5	195,406	196,316	910	0.91	83.36	0.46	
6	196,316	197,399	1,083	1.08	84.44	0.55	
7	197,399	198,647	1,248	1.25	85.69	0.63	
8	198,647	199,519	872	0.87	86.56	0.44	
9	199,519	200,841	1,322	1.32	87.88	0.67	
10	200,841	201,805	964	0.96	88.85	0.49	
11	201,805	202,905	1,100	1.10	89.95	0.56	
12	202,905	204,032	1,127	1.13	91.08	0.57	
13	204,032	205,004	972	0.97	92.05	0.49	Changed pumping schedule: 1 hour on 2 hours off.
14	205,004	206,172	1,168	1.17	93.22	0.59	
15	206,172	207,083	911	0.91	94.13	0.46	Changed pumping schedule: 1 hour on 3 hours off.
16	207,083	207,916	833	0.83	94.96	0.42	
17	207,916	208,799	883	0.88	95.84	0.45	
18	208,799	209,631	832	0.83	96.67	0.42	
19	209,631	210,586	955	0.96	97.63	0.48	
20	210,586	211,421	835	0.84	98.46	0.42	
21	211,421	212,345	924	0.92	99.39	0.47	
22	212,345	212,345	0	0.00	99.39		Discontinued delivery of supplemental water.
23	212,345	212,345	0	0.00	99.39		
24	212,345	212,345	0	0.00	99.39		
25	212,345	212,345	0	0.00	99.39		
26	212,345	212,345	0	0.00	99.39		
27							
28	212,345	212,345	0	0.00	99.39		
29	212,345	212,345	0	0.00	99.39		
30	212,345	212,345	0	0.00	99.39		
31	212,345	212,345	0	0.00	99.39		

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2001 SUPPLEMENTAL WATER DISCHARGE

Date	Meter Readings for Supplemental Water						Supplemental Water Discharge			Comments
	Agricultural Well			Well #3			Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
	Start	End	Difference (AF X 0.001)	Start	End	Difference (gallons)				
July 14 ¹	111,630	112,059	429				0.43	0.43	0.22	* 7/14 Begin supplemental water delivery. Ag well on at 750 gpm.
15										
16	112,059	121,201	9,142				9.14	9.57	4.62	
17	121,201	124,787	3,586				3.59	13.16	1.81	
18	124,787	127,222	2,435				2.44	15.59	1.23	
19	127,222	129,150	1,928				1.93	17.52	0.97	Well 3 - 2:30 pm on at 450 gpm, 6:00 pm off due to power outage.
20 ¹	129,150	131,055	1,905	35,193,200	35,193,200	0 ²	1.91	19.43	0.96	Well 3 - 8:00 am on at 450 gpm.
21										Well 3 - 3:30 pm off due to power outage, 11:00 pm on at 450 gpm.
22										
23	131,055	140,167	9,112	9,197	9,268	2,359,500	16.35	35.78	8.26	Well 3 - Calculated from pump hours.
24	140,167	143,558	3,391	9,268	9,293	811,800	5.88	41.66	2.97	Well 3 - Calculated from pump hours.
25	143,558	145,402	1,844	9,293	9,318	811,800	4.34	46.00	2.19	Well 3 - Calculated from pump hours. Ag well - pumping schedule changed to
26	145,402	147,270	1,868	9,318	9,342	788,700	4.29	50.29	2.17	Well 3 - Calculated from pump hours. 2 hrs on, 1 hr off.
27 ¹	147,270	149,171	1,901	9,342	9,366	795,300	4.34	54.63	2.19	Well 3 - Calculated from pump hours.
28										
29										
30	149,171	154,507	5,336	9,366	9,439	2,405,700	12.72	67.35	6.42	Well 3 - Calculated from pump hours.
31	154,507	156,179	1,672	9,439	9,460	722,700	3.89	71.24	1.96	Well 3 - Calculated from pump hours.

Note:

- 1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.
- 2) Unable to determine supplemental water discharge for Well 3 on this date due to meter malfunction. From July 21 through August 16 discharge for Well 3 calculated from pump hour meter.

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2001 SUPPLEMENTAL WATER DISCHARGE

Date	Meter Readings for Supplemental Water						Supplemental Water Discharge			Comments
	Agricultural Well			Well #3			Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
	Start	End	Difference (AF X 0.001)	Start	End	Difference (gallons)				
August 1	156,179	158,188	2,009	9,460	9,488	924,000	4.85	76.08	2.45	Well 3 - Calculated from pump hours.
2	158,188	159,315	1,127	9,488	9,509	669,900	3.18	79.27	1.61	Well 3 - Calculated from pump hours.
3 ¹	159,315	161,006	1,691	9,509	9,534	825,000	4.22	83.49	2.13	Well 3 - Calculated from pump hours.
4										
5										
6	161,006	164,759	3,753	9,534	9,604	2,310,000	10.84	94.33	5.48	Well 3 - Calculated from pump hours.
7	164,759	166,667	1,908	9,604	9,629	848,100	4.51	98.84	2.28	Well 3 - Calculated from pump hours.
8	166,667	168,307	1,640	9,629	9,653	782,100	4.04	102.88	2.04	Well 3 - Calculated from pump hours.
9	168,307	169,629	1,322	9,653	9,675	722,700	3.54	106.42	1.79	Well 3 - Calculated from pump hours.
10 ¹	169,629	171,754	2,125	9,675	9,702	874,500	4.81	111.23	2.43	Well 3 - Calculated from pump hours.
11										
12										
13	171,754	175,995	4,241	9,702	9,776	2,451,900	11.77	123.00	5.94	Well 3 - Calculated from pump hours.
14	175,995	177,346	1,351	9,776	9,798	722,700	3.57	126.57	1.80	Well 3 - Calculated from pump hours. 3:30pm brown out, all pumping stopped.
15	177,346	177,943	597	9,798	9,816	594,000	2.42	128.99	1.22	Well 3 - Calculated from pump hours. Ag well - begins to shut down due to
16	177,943	178,713	770	9,816	9,833	554,400	2.47	131.46	1.25	Well 3 - Calculated from pump hours. low water levels.
17 ¹				35,191,200	35,224,000	32,800	0.10	131.56	0.05	Ag well - 1:00 pm turned off. Well 3 - continuous discharge.
18										
19										
20				35,224,000	37,315,000	2,091,000	6.42	137.98	3.24	
21				37,315,000	38,037,000	722,000	2.22	140.20	1.12	
22				38,037,000	38,727,200	690,200	2.12	142.31	1.07	
23				38,727,200	39,594,700	867,500	2.66	144.98	1.34	
24 ¹				39,594,700	40,281,800	687,100	2.11	147.09	1.07	
25										
26										
27				40,281,800	42,513,700	2,231,900	6.85	153.94	3.46	
28				42,513,700	43,195,000	681,300	2.09	156.03	1.06	
29				43,195,000	44,043,000	848,000	2.60	158.63	1.31	
30				44,043,000	44,782,300	739,300	2.27	160.90	1.15	
31 ¹				44,782,300	45,515,300	733,000	2.25	163.15	1.14	

Note:

- 1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.
- 2) Unable to determine supplemental water discharge for Well 3 on this date due to meter malfunction. From July 21 through August 16 discharge for Well 3 calculated from pump hour meter.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2001 SUPPLEMENTAL WATER DISCHARGE**

Date	Meter Readings for Supplemental Water						Supplemental Water Discharge			Comments
	Agricultural Well			Well #3			Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
	Start	End	Difference (AF X 0.001)	Start	End	Difference (gallons)				
September 1										
2										
3										
4				45,515,300	48,409,000	2,893,700	8.88	172.03	4.49	
5				48,409,000	49,165,400	756,400	2.32	174.35	1.17	
6				49,165,400	49,931,700	766,300	2.35	176.71	1.19	
7 ¹				49,931,700	50,634,700	703,000	2.16	178.86	1.09	
8										
9										
10				50,634,700	52,762,900	2,128,200	6.53	185.39	3.30	
11				52,762,900	53,585,800	822,900	2.53	187.92	1.28	
12				53,585,800	54,293,700	707,900	2.17	190.09	1.10	
13				54,293,700	55,027,400	733,700	2.25	192.35	1.14	
14 ¹				55,027,400	55,769,000	741,600	2.28	194.62	1.15	
15										
16										
17				55,769,000	57,941,200	2,172,200	6.67	201.29	3.37	
18				57,941,200	58,603,300	662,100	2.03	203.32	1.03	
19				58,603,300	59,323,900	720,600	2.21	205.53	1.12	
20				59,323,900	59,956,300	632,400	1.94	207.47	0.98	
21 ¹				59,956,300	60,743,700	787,400	2.42	209.89	1.22	
22										
23										
24				60,743,700	62,889,600	2,145,900	6.59	216.48	3.33	
25				62,889,600	63,020,400	130,800	0.40	216.88	0.20	
26										
27 ¹				63,020,400	64,627,200	1,606,800	4.93	221.81	2.49	
28 ¹				64,627,200	65,256,900	629,700	1.93	223.74	0.98	
29										
30										

Note:
1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.

TABLE 5

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2001 SUPPLEMENTAL WATER DISCHARGE**

Date	Meter Readings for Supplemental Water			Supplemental Water Discharge			Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	Comments
	Agricultural Well		Well #3	Start	End	Difference (gallons)				
	Start	End	Difference (AF X 0.001)	Start	End	Difference (gallons)				
October 1				65,256,900	67,484,400	2,227,500	6.84	230.58	3.45	
2				67,484,400	67,568,500	84,100	0.26	230.84	0.13	
3				67,568,500	68,218,200	649,700	1.99	232.83	1.01	Well 3 - Shut down. End of supplemental water delivery.

Note:

1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2000 SUPPLEMENTAL WATER DISCHARGE

Date	Meter Readings for Supplemental Water			Supplemental Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
July 15					0.00		
16					0.00		
17					0.00		
18					0.00		
19					0.00		
20					0.00		
21					0.00		
22					0.00		
23					0.00		
24	727,433	728,253	820	0.82	0.82	0.41	Began supplemental water delivery (Pumping schedule: 1 hour on 4 hours off).
25	728,253	729,403	1,150	1.15	1.97	0.58	
26	729,403	731,232	1,829	1.83	3.80	0.92	Pumping schedule: 2 hours on 1 hour off.
27	731,232	733,201	1,969	1.97	5.77	0.99	
28 ¹	733,201	738,915	5,714	5.71	11.48		
29							
30							
31	738,915	740,999	2,084	2.08	13.57	1.05	Changed pumping schedule: 3 hours on 1 hour off.

Note:

1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2000 SUPPLEMENTAL WATER DISCHARGE

Date	Meter Readings for Supplemental Water			Supplemental Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
August 1	740,999	741,020	21	0.02	13.59	0.01	Pump turned off.
2	741,020	741,649	629	0.63	14.22	0.32	Pump turned on. Pumping schedule: 1 hour on 3 hours off.
3	741,649	742,265	616	0.62	14.83	0.31	
4 ¹	742,265	747,705	5,440	5.44	20.27		Luchetti Started Pumping for the First Time (Pumping schedule to 3 hours on 1 hour off).
5							
6							
7	747,705	749,641	1,936	1.94	22.21	0.98	
8	749,641	751,763	2,122	2.12	24.33	1.07	
9	751,763	752,908	1,145	1.15	25.48	0.58	Changed pumping schedule: 3 hours on 3 hours off.
10	752,908	754,851	1,943	1.94	27.42	0.98	Changed pumping schedule: 3 hours on 1 hour off.
11 ¹	754,851	760,504	5,653	5.65	33.07		Changed pumping schedule: 4 hours on 1 hour off (for remainder of August).
12							
13							
14	760,504	762,474	1,970	1.97	35.04	0.99	
15	762,474	764,439	1,965	1.97	37.01	0.99	
16	764,439	766,192	1,753	1.75	38.76	0.89	
17	766,192	768,163	1,971	1.97	40.73	1.00	
18 ¹	768,163	773,747	5,584	5.58	46.31		
19							
20							
21	773,747	775,665	1,918	1.92	48.23	0.97	
22	775,665	777,515	1,850	1.85	50.08	0.93	
23	777,515	779,227	1,712	1.71	51.79	0.86	
24	779,227	781,120	1,893	1.89	53.69	0.96	
25 ¹	781,120	786,826	5,706	5.71	59.39		
26							
27							
28	786,826	788,822	1,996	2.00	61.39	1.01	
29	788,822	790,731	1,909	1.91	63.30	0.96	
30	790,731	792,776	2,045	2.05	65.34	1.03	
31	792,776	794,683	1,907	1.91	67.25	0.96	

Note:

1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2000 SUPPLEMENTAL WATER DISCHARGE

Date	Meter Readings for Supplemental Water			Supplemental Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
September 1 ¹	794,683	801,015	6,332	6.33	73.58		Changed pumping schedule: 2 hours on 1 hour off.
2							
3							
4							
5	801,015	802,650	1,635	1.64	75.22	0.83	Changed pumping schedule: 2 hours on 2 hours off.
6	802,650	803,979	1,329	1.33	76.55	0.67	
7	803,979	805,059	1,080	1.08	77.63	0.55	
8 ¹	805,059	808,583	3,524	3.52	81.15		
9							Changed pumping schedule: 2 hours on 1 hour off (for remainder of September).
10							
11	808,583	810,126	1,543	1.54	82.69	0.78	
12	810,126	811,628	1,502	1.50	84.20	0.76	
13	811,628	813,235	1,607	1.61	85.80	0.81	
14	813,235	814,554	1,319	1.32	87.12	0.67	
15 ¹	814,554	819,252	4,698	4.70	91.82		
16							
17							
18	819,252	820,842	1,590	1.59	93.41	0.80	
19	820,842	822,456	1,614	1.61	95.02	0.82	
20	822,456	824,079	1,623	1.62	96.65	0.82	
21	824,079	825,645	1,566	1.57	98.21	0.79	
22 ¹	825,645	830,332	4,687	4.69	102.90		
23							
24							
25	830,332	831,879	1,547	1.55	104.45	0.78	
26	831,879	833,413	1,534	1.53	105.98	0.77	
27	833,413	834,931	1,518	1.52	107.50	0.77	
28	834,931	836,469	1,538	1.54	109.04	0.78	
29 ¹	836,469	841,248	4,779	4.78	113.82		
30							

Note:

1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.

TABLE 5

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 2000 SUPPLEMENTAL WATER DISCHARGE

Date	Meter Readings for Supplemental Water			Supplemental Water Discharge			Comments
	Start	End	Difference (AF X 0.001)	Daily Total (acre-feet)	Accumulated Total (acre-feet)	Average Rate (cfs)	
October 1							
2	841,248	842,561	1,313	1.31	115.13	0.66	
3	842,561	844,349	1,788	1.79	116.92	0.90	Changed pumping schedule: 3 hours on 1 hour off.
4	844,349	845,916	1,567	1.57	118.48	0.79	
5	845,916	847,794	1,878	1.88	120.36	0.95	
6 ¹	847,794	852,977	5,183	5.18	125.54		
7							
8							
9	852,977	854,678	1,701	1.70	127.25	0.86	
10	854,678	856,457	1,779	1.78	129.02	0.90	
11	856,457	858,116	1,659	1.66	130.68	0.84	
12	858,116	859,860	1,744	1.74	132.43	0.88	
13 ¹	859,860	864,918	5,058	5.06	137.49		
14							
15							
16	864,918	866,487	1,569	1.57	139.05	0.79	Changed pumping schedule: 2 hours on 1 hour off.
17	866,487	868,131	1,644	1.64	140.70	0.83	
18	868,131	869,557	1,426	1.43	142.12	0.72	
19	869,557	871,023	1,466	1.47	143.59	0.74	
20	871,023	873,024	2,001	2.00	145.59	1.01	
21	873,024	874,257	1,233	1.23	146.82	0.62	
22	874,257	875,836	1,579	1.58	148.40	0.80	
23	875,836	877,637	1,801	1.80	150.20	0.91	
24	877,637	879,166	1,529	1.53	151.73	0.77	
25	879,166	880,832	1,666	1.67	153.40	0.84	
26	880,832	880,832	0	0.00	153.40	0.00	Discontinued delivery of supplemental water.
27 ¹	880,832	880,832	0	0.00	153.40		
28							
29							
30	880,832	880,832	0	0.00	153.40	0.00	
31	880,832	880,832	0	0.00	153.40	0.00	

Note:

1) End meter reading on these dates represents the following workday morning reading, as the meter is typically not read on weekends and holidays. Accordingly, Daily totals for these dates represents the total water delivered through the weekends.

TABLE 5
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 1997 SUPPLEMENTAL WATER DISCHARGE

<u>Date</u>	<u>Target Flow Rate</u> (cfs)	<u>Measured Discharge¹</u> <u>of Putah Creek</u> (cfs)	<u>Supplemental Water</u> <u>Discharge</u>		<u>Comments</u>
			(Average Rate) (cfs)	(Accumulated total) (a.f.)	
JULY 1					
2		5.72			
3					
4					
5					
6					
7					
8					
9					
10		2.19			
11					
12					
13					
14					
15	4.70				
16	4.70				
17	4.70				
18	4.70		1.01	2.40	Begin discharge to Putah Creek in the vicinity of the Grange Road Wells.
19	4.70		1.01		
20	4.70		1.01		
21	4.70		1.01		
22	4.70		1.01		
23	4.70		1.01	12.47	
24	4.70		1.01	14.56	
25	4.70		1.01	16.56	
26	4.70		0.99		
27	4.70		0.99		
28	4.70		0.99	22.48	
29	4.70		0.88	24.58	
30	4.70		2.50	28.41	Addition of second production well for discharge to Putah Creek.
31	4.70		2.44	33.25	

TABLE 5
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 1997 SUPPLEMENTAL WATER DISCHARGE

<u>Date</u>	<u>Target Flow Rate</u> (cfs)	<u>Measured Discharge¹</u> <u>of Putah Creek</u> (cfs)	<u>Supplemental Water</u> <u>Discharge</u>		<u>Comments</u>
			(Average Rate) (cfs)	(Accumulated total) (a.f.)	
AUGUST 1	1.70		1.81	37.36	
2	1.70		1.99		
3	1.70	0.04	1.99		
4	1.70		1.99	48.68	
5	1.70	0.68	2.25	53.32	
6	1.70		1.64	56.43	
7	1.70		1.33	59.18	
8	1.70		0.09	59.36	Discharge discontinued during installation of temporary pipeline to required discharge point.
9	1.70		0.00		
10	1.70		0.00		
11	1.70		0.00		
12	1.70		0.00		
13	1.70		0.00		
14	1.70		0.00		
15	1.70	1.10	0.00		Temporary Parshall flume installed.
16	1.70		0.00		
17	1.70		0.00		
18	1.70		0.00		Discharge resumed - temporary pipeline installed.
19	1.70		0.00		Discharge halted to repair pipeline leaks.
20	1.70		0.00	59.66	
21	1.70		0.57		Discharge resumed - pipeline repaired.
22	1.70		0.57	61.90	
23	1.70		1.37	64.62	
24	1.70		1.38	67.36	
25	1.70		1.35		
26	1.70		1.35		
27	1.70		1.35	75.40	
28	1.70	1.90	1.37	78.11	
29	1.70		1.43	81.41	
30	1.70		1.30	84.26	
31	1.70		1.20		

TABLE 5
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 1997 SUPPLEMENTAL WATER DISCHARGE

<u>Date</u>	<u>Target Flow Rate</u> (cfs)	<u>Measured Discharge¹</u> <u>of Putah Creek</u> (cfs)	<u>Supplemental Water</u> <u>Discharge</u>		<u>Comments</u>
			<u>(Average Rate)</u> (cfs)	<u>(Accumulated total)</u> (a.f.)	
SEPT. 1	0.90		1.20	89.00	
2	0.90		1.46	91.89	
3	0.90		1.26	94.39	
4	0.90		0.51	95.39	Low water level resulted in the shutoff of Well #3 for short periods of time during this five-day period.
5	0.90		0.45	96.20	
6	0.90		0.30	96.84	
7	0.90		0.15	97.14	
8	0.90		0.52	98.21	
9	0.90		0.93	100.37	
10	0.90	0.90	0.99	102.00	
11	0.90		1.06		
12	0.90		1.06	106.21	
13	0.90		0.93	108.06	
14	0.90		0.00	108.07	Discharge halted to repair Grange Road Well #3.
15	0.90		1.02		
16	0.90		1.02	112.10	
17	0.90		1.03	114.14	
18	0.90		0.91	116.14	
19	0.90		1.01		
20	0.90		1.01	120.46	
21	0.90		0.89	121.93	
22	0.90		1.00	123.92	
23	0.90		1.03	126.13	
24	0.90		0.89	127.89	
25	0.90		0.92	129.79	
26	0.90		1.06		
27	0.90		1.06	133.75	
28	0.90		0.98	135.70	
29	0.90		1.00	137.77	
30	0.90		1.05	139.85	

TABLE 5
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
SUMMARY OF 1997 SUPPLEMENTAL WATER DISCHARGE

<u>Date</u>	<u>Target Flow Rate</u> (cfs)	<u>Measured Discharge¹</u> <u>of Putah Creek</u> (cfs)	<u>Supplemental Water</u> <u>Discharge</u>		<u>Comments</u>
			(Average Rate) (cfs)	(Accumulated total) (a.f.)	
OCT. 1	0.60	1.10	0.97	141.78	
2	0.60		0.95	143.67	
3	0.60		0.98	145.62	
4	0.60		0.98	147.56	
5	0.60		0.98	149.51	
6	0.60		0.98	151.45	
7	0.60		1.03	153.50	
8	0.60		1.00	155.49	
9	0.60		0.99	157.45	
10	0.60		0.99	159.66	
11	0.60		0.99	161.86	
12	0.60		0.99	163.25	
13	0.60		1.04	165.32	
14	0.60		1.32	167.93	
15	0.60	1.16	0.71	169.33	Likely inaccurate meter reading.
16	0.60		0.97	171.26	
17	0.60		1.00	173.24	
18	0.60		0.98		
19	0.60		0.98		
20	0.60		0.98	179.07	
21	0.60		1.02	180.93	
22	0.60		0.94	182.79	
23	0.60		1.07	184.90	
24	0.60		0.97	186.90	
25	0.60		1.02		
26	0.60		1.02		
27	0.60		1.02	192.94	
28	0.60		1.27	195.57	
29	0.60		0.69	196.82	Likely inaccurate meter reading.
30	0.60	0.50	1.01	199.00	
31	0.60		0.50	200.00	Discharge discontinued.

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2017-2018

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
4	0.00	0.30	0.00	0.85	0.00	-	-	-	0.00	0.00	0.00	0.00	
5	0.00	0.05	0.00	0.32	0.00	-	-	-	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.37	0.00	-	-	-	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.75	0.00	-	-	-	0.00	0.00	0.00	0.00	
9	0.00	3.15	0.00	4.01	0.00	-	-	-	0.00	0.00	0.00	0.00	
10	0.00	0.18	0.00	0.35	0.00	-	-	-	0.00	0.00	0.00	0.00	
11	0.00	0.23	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
12	0.00	0.35	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
13	0.00	0.20	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
14	0.00	0.10	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
16	0.00	1.30	0.00	0.12	0.00	-	-	-	0.00	0.00	0.00	0.00	
17	0.00	0.05	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.35	0.00	-	-	-	0.00	0.00	0.00	0.00	
19	0.33	0.13	0.00	0.10	0.00	-	-	-	0.00	0.00	0.00	0.00	
20	0.00	0.21	0.50	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.90	0.00	-	-	-	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.71	-	-	-	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.75	0.00	-	-	-	0.00	0.00	0.00	0.00	
26	0.00	0.50	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
27	0.00	0.60	0.00	0.05	0.00	-	-	-	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00		-	-	-	0.00	0.00	0.00	0.12	
30	0.00	0.00	0.00	0.00		-	-	-	0.00	0.00	0.00	0.09	
31	0.00		0.00	0.00		-	-	-	0.00	0.00	0.00		
Total	0.33	7.35	0.50	8.92	0.71	-	-	-	0.00	0.00	0.00	0.21	18.02
Average	0.01	0.25	0.02	0.29	0.03	-	-	-	0.00	0.00	0.00	0.01	
Min	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	
Max	0.33	3.15	0.50	4.01	0.71	-	-	-	0.00	0.00	0.00	0.12	

Source: National Climatic Data Center (NCDC), <http://www.ncdc.noaa.gov/cdo-web/search>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2016-2017

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.60	0.00	0.07	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.05	0.00	0.00	0.27	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.10	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	2.64	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	1.74	3.70	0.23	0.30	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.53	0.18	2.40	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	1.08	4.01	0.80	0.00	0.41	0.00	0.16	0.00	0.00	0.00	
9	0.00	0.00	2.60	0.70	2.00	0.00	0.00	0.00		0.00	0.00	0.00	
10	0.00	0.00	1.80	4.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	1.75	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	3.58	0.00	0.00	0.23	0.00	0.21	0.00	0.00	0.00	
13	0.00	0.00	0.00	1.80	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	
14	0.79	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.17	0.00	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	1.20	0.00	2.00	0.00	1.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	
17	0.90	0.00	0.00	0.00	0.45	0.00	2.08	0.00	0.00	0.00	0.00	0.00	
18		0.00	0.00	0.15	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	1.30	0.00	3.85	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.72	0.00	0.73	0.49	0.00	0.73	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.08	0.00	1.99	1.55	1.08	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.73	0.00	0.00	2.02	0.53	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.83	0.38	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.28	0.05	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	
25	2.32	0.72	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	
26	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.75	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.98	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	9.32	4.15	10.76	28.60	19.90	3.92	7.51	0.00	0.37	0.00	0.00	0.00	84.53
Average	0.31	0.14	0.35	0.92	0.71	0.13	0.25	0.00	0.01	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	2.32	1.30	2.60	4.89	3.70	1.08	2.40	0.00	0.21	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://www.ncdc.noaa.gov/cdo-web/search>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2015-2016

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.67	0.15	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.32	1.04	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.50	0.08	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.40	1.40	0.00	2.50	0.00	0.13	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.27	1.40	0.00	1.25	0.00	0.05	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	1.15	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.23	0.00	0.03	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	
9	0.00	0.22	0.08	0.35	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	1.21	0.20	0.00	2.30	0.18	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.42	0.05	0.00	0.78	0.02	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	1.04	0.94	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.30	0.00	0.51	0.00	0.93	0.20	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.38	0.48	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.03	0.00	0.75	0.54	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.15	0.90	0.16	0.95	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	1.27	0.50	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.08	0.00	0.53	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.15	0.11	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.05	0.20	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	-	0.00	0.00	-	0.00	0.00	0.00	-	0.00	0.00	0.00	
Total	0.72	2.00	7.80	12.95	1.85	13.55	1.10	0.63	0.00	0.00	0.00	0.00	40.60
Average	0.02	0.07	0.25	0.42	0.06	0.44	0.04	0.02	0.00	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	0.67	0.55	1.27	1.78	1.13	2.50	0.38	0.45	0.00	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://www.ncdc.noaa.gov/cdo-web/search>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2014-2015

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	2.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.17	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.91	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	3.50	0.00	1.25	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	1.25	0.00	0.38	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.09	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.15	0.10	0.00	0.00	
11	0.00	0.00	3.40	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.59	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.25	0.38	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	1.90	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.78	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.48	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.05	0.86	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.71	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.25	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	
26	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.57	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.33	-	0.00	0.00	-	0.00	-	0.00	-	0.00	0.00	0.00	
Total	1.00	4.87	15.58	0.25	6.59	0.28	2.11	0.00	0.15	0.10	0.00	0.00	30.93
Average	0.03	0.16	0.50	0.01	0.24	0.01	0.07	0.00	0.01	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	0.33	0.86	3.40	0.10	3.50	0.20	1.25	0.00	0.15	0.10	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://www.ncdc.noaa.gov/cdo-web/search>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2013-2014

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	0.00	0.00	0.90	1.08	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.65	0.10	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.37	0.23	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.93	0.34	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.45	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.30	0.13	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
19	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.06	0.45	0.30	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	2.20	0.21	0.06	0.00	0.00	0.00	0.00	0.00	0.27
28	0.00	0.00	0.00	0.00	0.93	1.05	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
30	0.00	0.00	0.00	0.05	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	-	0.00	0.00	-	1.60	-	0.00	-	0.00	0.00	-	
Total	0.00	0.67	0.45	0.10	10.91	5.28	1.82	0.00	0.00	0.00	0.00	0.46	19.69
Average	0.00	0.02	0.01	0.00	0.39	0.17	0.06	0.00	0.00	0.00	0.00	0.02	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	0.00	0.39	0.45	0.05	3.50	1.60	1.08	0.00	0.00	0.00	0.00	0.27	

Source: National Climatic Data Center (NCDC), <http://www.ncdc.noaa.gov/cdo-web/search>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2012-2013

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.68	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	-	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	-	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	-	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	-	0.00	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	-	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.08	-	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	
11	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	1.90	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	1.08	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	-	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.50	-	0.00	0.02	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.16
21	0.00	1.33	-	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.36
22	0.80	4.02	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.45	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.22	0.00	-	0.50	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.05	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	
27	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	
28	0.00	0.30	-	0.45	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	
29	0.00	1.30	-	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	1.48	-	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
31	0.00	-	-	0.00	-	0.75	-	0.00	-	0.00	0.00	-	
Total	1.52	12.67	-	1.35	1.57	3.23	0.95	0.08	0.68	0.00	0.00	0.59	-
Average	0.05	0.42	-	0.04	0.05	0.10	0.03	0.00	0.02	0.00	0.00	0.00	0.02
Min	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.80	4.02	-	0.50	1.35	1.40	0.50	0.08	0.25	0.00	0.00	0.36	0.36

Source: National Climatic Data Center (NCDC), <http://www.ncdc.noaa.gov/cdo-web/search>

Note: There is no data for December; therefore, the December total and the annual total are not provided.

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2011-2012

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	0.00	0.00	0.40	0.10	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	
5	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.14	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.10	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.10	0.00	0.00	0.00	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.05	0.00	0.30	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.05	0.40	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.22	0.05	0.00	0.00	1.15	1.10	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.15	0.00	0.00	0.06	0.00	1.12	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.03	4.25	0.08	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.13	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.78	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	3.51	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	3.15	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.78	0.00	0.00	0.00	1.50	0.05	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.03	0.00	0.45	0.05	0.05	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.25	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	1.30	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	-	0.25	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	-	0.00	0.00	-	1.25	-	0.00	-	0.00	0.00	-	
Total	2.09	3.29	0.18	7.39	2.74	15.01	3.20	0.30	0.04	0.00	0.00	0.00	34.24
Average	0.07	0.11	0.01	0.24	0.09	0.48	0.11	0.01	0.00	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	1.23	0.78	0.13	3.51	1.30	4.25	1.12	0.25	0.04	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://wfn.ncdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2010-2011													
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.08	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	
3	0.00	0.00	0.28	0.15	0.00	0.13	0.00	0.00	0.38	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.00	
5	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	
6	0.00	0.75	1.85	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.18	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.32	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.12	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.02	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.20	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.33	0.00	0.48	0.90	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	0.47	0.15	0.00	0.18	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.00	0.00	2.20	1.29	0.00	0.18	0.00	0.00	0.00	0.00	
17	0.30	0.00	0.15	0.00	2.30	0.00	0.00	0.75	0.00	0.00	0.00	0.00	
18	0.00	0.00	1.41	0.00	1.10	0.23	0.00	0.61	0.00	0.00	0.00	0.00	
19	0.00	0.00	1.08	0.00	0.90	1.50	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.32	1.32	0.00	0.06	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	1.32	0.32	0.00	0.00	0.30	0.25	0.00	0.00	0.00	0.00	0.00	
22	0.12	0.22	0.81	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.15	0.00	0.18	0.00	0.00	1.12	0.00	0.00	0.00	0.00	0.00	0.00	
24	1.65	0.00	0.00	0.00	0.00	0.70	0.05	0.00	0.00	0.00	0.00	0.00	
25	1.71	0.00	0.00	0.00	0.97	2.00	0.05	0.45	0.00	0.00	0.00	0.00	
26	0.00	0.00	1.14	0.00	0.03	1.25	0.00	0.13	0.42	0.00	0.00	0.00	
27	0.00	0.43	0.00	0.00	0.00	0.20	0.00	0.00	0.05	0.00	0.00	0.00	
28	0.00	0.03	0.00	0.00	0.06	0.14	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.55	0.00	0.38	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.35	0.00	0.08	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	-	2.00	0.00	-	0.00	-	0.14	-	0.00	0.00	-	
Total	4.83	3.37	12.01	0.73	8.57	14.67	0.48	2.44	2.49	0.00	0.00	0.00	49.59
Average	0.16	0.11	0.39	0.02	0.31	0.47	0.02	0.08	0.08	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	1.71	1.32	2.00	0.38	2.30	3.00	0.25	0.75	1.03	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://wfn.cdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2009-2010

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	0.06	0.03	0.00	0.43	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.23	0.00	0.25	0.07	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	1.10	0.42	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.03	0.00	0.00	1.78	0.08	1.60	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.15	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.10	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.05	0.08	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.40	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.40	0.00	0.06	0.00	2.30	0.05	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.86	1.20	0.17	0.05	0.44	0.48	0.00	0.00	0.00	0.00	
13	0.60	0.00	1.18	0.86	0.00	1.08	0.13	0.00	0.00	0.00	0.00	0.00	
14	3.90	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.45	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.25	0.11	0.05	0.21	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.03	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.06	0.00	0.00	2.83	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	
20	0.00	0.92	0.00	3.12	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.13	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.14	0.90	0.00	0.00	0.07	0.28	0.00	0.00	0.00	0.00	
23	0.00	0.10	0.00	0.50	0.00	0.00	0.24	0.02	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.07	1.89	0.00	0.00	0.30	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	1.50	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	2.02	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	T	0.22	0.10	1.13	0.00	0.35	0.38	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.08	0.00	0.10	0.40	0.70	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.03	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	5.44	1.41	4.02	16.76	6.57	4.00	6.67	2.66	0.00	0.00	0.00	0.00	47.53
Average	0.18	0.05	0.13	0.54	0.23	0.13	0.22	0.09	0.00	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	3.90	0.92	1.18	3.12	1.89	1.10	2.30	0.70	0.00	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://wfn.cdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2008-2009

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	2.10	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	1.02	0.00	0.00	0.00	1.70	0.00	0.87	0.06	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.05	0.00	1.20	0.00	0.48	0.00	0.00	0.00	0.00	
4	1.80	0.00	0.00	0.00	0.00	0.64	0.00	0.12	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.10	0.12	0.05	0.00	0.90	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.07	0.35	0.05	0.00	0.05	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.02	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.04	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
15	0.00	0.00	0.60	0.00	1.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	0.10	0.00	1.90	0.15	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	1.20	0.07	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.78	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.36	0.20	1.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.50	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	1.50	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.53	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	2.96	4.67	4.50	0.58	11.18	4.74	0.41	2.44	0.06	0.00	0.00	0.07	31.61
Average	0.10	0.16	0.15	0.02	0.40	0.15	0.01	0.08	0.00	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	1.80	2.10	1.90	0.20	2.20	1.70	0.30	0.90	0.06	0.00	0.00	0.07	

Source: National Climatic Data Center (NCDC), <http://lwf.ncdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2007-2008

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.73	3.30	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.06	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.04	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.92	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	1.02	0.00	1.13	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.50	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.15	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.73	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.13	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.05	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.03	0.08	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.18	0.00	0.00	0.00	0.08	0.07	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.40	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.27	1.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.28	2.10	0.00	0.04	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.78	0.05	0.00	0.00	0.02	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.38	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.22	0.18	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.06	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	-	0.00	0.08	-	0.00	-	0.00	-	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	2.30	0.63	5.93	16.52	3.90	0.09	0.21	0.02	0.00	0.00	0.00	0.00	29.60
Average	0.07	0.02	0.19	0.53	0.13	0.00	0.01	0.00	0.00	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	1.02	0.50	1.13	4.30	2.10	0.07	0.17	0.02	0.00	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://lwf.ncdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2006-2007

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	-	-	0.00	-	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.30	-	0.00	-	-	0.00	0.15	0.00	0.00	0.00	0.00	
3	0.00	1.07	-	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.08	0.04	-	0.05	-	-	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.16	-	-	0.02	-	-	0.00	0.41	0.00	0.00	0.00	0.00	
6	-	0.02	-	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	
7	-	-	-	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	
8	-	-	-	0.00	0.75	-	0.00	0.00	0.00	0.00	0.00	0.00	
9	-	-	0.75	0.00	1.96	-	0.00	0.00	0.00	0.00	0.00	0.00	
10	-	-	1.00	0.03	1.35	-	0.00	0.00	0.00	0.00	0.00	0.00	
11	-	0.43	0.12	0.00	1.00	-	0.08	0.00	0.00	0.00	0.00	0.00	
12	-	0.22	0.80	0.00	0.11	-	0.00	0.00	0.00	0.00	0.00	0.00	
13	-	0.33	0.12	0.00	0.40	-	0.00	0.00	0.00	0.00	0.00	0.00	
14	-	0.28	0.05	0.00	-	-	0.15	0.00	0.00	0.00	0.00	0.00	
15	-	0.05	0.15	0.00	-	-	0.20	0.00	0.00	0.00	0.00	0.00	
16	-	0.00	-	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	
17	-	0.03	-	0.05	-	-	0.00	0.00	0.00	0.00	0.00	0.00	
18	-	-	-	0.00	-	-	0.00	0.00	0.00	0.03	0.00	0.00	
19	-	-	-	0.00	-	-	0.34	0.00	0.00	0.00	0.00	0.00	
20	-	-	0.03	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.07	
21	-	-	0.06	0.00	-	-	0.02	0.00	0.00	0.00	0.00	0.05	
22	-	0.09	1.25	0.00	1.10	-	0.82	0.00	0.00	0.00	0.00	0.07	
23	-	0.18	0.02	0.00	0.17	-	0.10	0.00	0.00	0.00	0.00	0.00	
24	-	-	-	0.00	1.15	-	0.00	0.00	0.00	0.00	0.00	0.00	
25	-	0.04	-	0.00	0.60	-	0.00	0.00	0.00	0.00	0.00	0.00	
26	-	-	0.02	0.00	0.87	-	0.00	0.00	0.00	0.00	0.00	0.00	
27	-	0.69	2.70	0.04	0.45	0.41	0.00	0.00	0.00	0.00	0.00	0.00	
28	-	0.11	-	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	-	0.02	-	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	-	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	-	-	-	0.23	-	-	1.71	0.56	0.00	0.03	0.00	0.19	-
Average	-	-	-	0.01	-	-	0.06	0.02	0.00	0.00	0.00	0.01	
Min	-	-	-	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	
Max	-	-	-	0.05	-	-	0.82	0.41	0.00	0.03	0.00	0.07	

Source: National Climatic Data Center (NCDC), <http://lwf.ncdc.noaa.gov/oa/ncdc.html>

Note: A significant amount of data was missing for 2006-2007 therefore monthly and annual totals were not able to be determined.

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2005-2006

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	-	-	1.15	0.64	0.08	0.32	1.09	-	0.00	0.00	0.00	-	
2	-	-	2.11	2.13	0.12	0.64	0.10	-	0.00	0.00	0.00	-	
3	-	-	-	0.30	0.02	0.05	1.62	-	0.00	0.00	0.00	-	
4	-	0.50	-	0.82	0.17	0.17	0.06	-	0.00	0.00	0.00	-	
5	-	-	-	0.07	-	0.36	0.52	-	0.00	0.00	0.00	-	
6	-	-	-	0.03	-	2.85	0.02	-	0.00	0.00	0.00	-	
7	-	0.14	-	0.02	-	0.70	-	-	0.00	0.00	0.00	-	
8	-	1.20	0.04	-	-	0.02	0.55	-	0.00	0.00	0.00	-	
9	-	-	-	-	-	-	0.03	-	0.00	0.00	0.00	-	
10	-	-	-	-	-	0.07	0.15	-	0.00	0.00	0.00	-	
11	-	-	-	0.07	-	0.13	0.50	-	0.00	0.00	0.00	-	
12	-	-	-	-	-	0.05	2.50	-	0.00	0.00	0.00	-	
13	-	-	-	-	-	0.27	0.49	-	0.00	0.00	0.00	-	
14	-	-	-	0.29	-	1.46	0.04	-	0.00	0.00	0.00	-	
15	0.06	-	-	0.29	-	0.18	-	-	0.00	0.00	0.00	-	
16	-	-	-	-	-	0.24	0.71	-	0.00	0.00	0.00	-	
17	-	-	-	-	-	0.72	0.21	-	0.00	0.00	0.00	-	
18	-	-	2.93	0.67	0.18	-	-	-	0.00	0.00	0.00	-	
19	-	-	2.26	0.21	0.07	-	-	-	0.00	0.00	0.00	-	
20	-	-	-	-	-	-	-	0.25	0.00	0.00	0.00	-	
21	-	-	1.00	0.08	-	0.33	-	-	0.00	0.00	0.00	-	
22	-	-	1.16	-	-	-	0.02	0.62	0.00	0.00	0.00	-	
23	-	-	0.87	-	-	-	0.00	0.06	0.00	0.00	0.00	-	
24	-	-	0.02	-	-	0.36	0.00	0.05	0.00	0.00	0.00	-	
25	-	-	0.08	-	-	0.62	0.00	0.00	0.00	0.00	0.00	-	
26	0.16	0.11	1.37	0.06	-	0.16	0.00	0.00	0.00	0.00	0.00	-	
27	0.02	-	0.04	0.22	2.27	0.00	0.00	0.00	0.00	0.00	0.00	-	
28	0.28	0.09	2.30	-	2.28	0.42	0.00	0.00	0.00	0.00	0.00	-	
29	0.75	0.99	0.26	0.63	-	0.91	0.00	0.00	0.00	0.00	0.00	-	
30	0.02	0.00	0.26	0.07	-	0.20	0.00	0.00	0.00	0.00	0.00	-	
31	0.00	-	5.90	0.42	-	0.22	-	0.00	-	0.00	0.00	0.00	
Total	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-	-
Average	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-	-
Min	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-	-
Max	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-	-

Source: National Climatic Data Center (NCDC), <http://wfw.ncdc.noaa.gov/oa/ncdc.html>

Note: A significant amount of data was missing for 2005-2006 therefore monthly and annual totals were not able to be determined.

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2004-2005

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	-	0.78	-	0.04	-	-	-	-	0.00	0.00	
2	-	0.00	-	0.48	-	0.51	-	-	-	-	0.00	0.00	
3	-	0.00	-	0.78	-	0.34	-	-	-	-	0.00	0.00	
4	-	0.06	-	0.15	-	0.16	0.84	-	-	-	0.00	0.00	
5	-	0.02	-	0.02	-	0.05	-	0.85	-	-	0.00	0.00	
6	-	-	-	0.09	-	-	-	0.06	-	-	0.00	0.00	
7	-	-	2.96	0.77	0.02	-	0.28	0.06	-	-	0.00	0.00	
8	-	-	2.62	0.95	-	-	0.16	0.28	0.02	-	0.00	0.00	
9	-	-	0.32	0.53	-	-	0.52	1.55	0.08	-	0.00	0.00	
10	-	0.50	0.03	0.02	-	-	-	0.17	-	-	0.00	0.00	
11	-	0.29	-	1.51	-	-	-	0.02	-	-	0.00	0.00	
12	-	0.77	-	0.07	-	-	-	-	-	-	0.00	0.00	
13	-	0.04	0.07	-	0.03	-	-	-	-	-	0.00	0.00	
14	-	0.03	0.02	-	0.02	-	-	-	-	-	0.00	0.00	
15	-	-	-	-	0.04	-	-	-	-	-	0.00	0.00	
16	-	-	0.03	-	0.84	-	-	-	-	-	0.00	0.00	
17	0.29	-	-	-	0.16	-	-	-	0.20	-	0.00	0.00	
18	0.65	-	-	-	0.32	-	-	0.78	0.21	-	0.00	0.00	
19	1.50	-	-	-	0.50	1.37	-	1.81	0.03	-	0.00	0.00	
20	0.79	-	-	-	0.60	1.11	-	0.00	0.00	-	0.00	0.00	
21	0.01	-	-	-	1.07	0.60	-	0.00	0.00	-	0.00	0.00	
22	-	-	-	-	0.37	1.73	-	0.00	0.00	-	0.00	0.00	
23	-	-	-	-	-	0.20	0.20	0.00	0.00	-	0.00	0.00	
24	0.06	-	-	-	-	-	0.04	0.00	0.00	-	0.00	0.00	
25	0.00	-	-	-	-	-	0.00	0.00	0.00	-	0.00	0.00	
26	1.14	-	0.05	0.76	0.02	-	0.00	0.00	0.00	-	0.00	0.00	
27	0.01	1.12	3.67	0.28	0.20	-	0.00	0.00	0.00	-	0.00	0.00	
28	0.00	0.00	1.67	0.88	1.24	1.34	0.00	0.00	0.00	-	0.00	0.00	
29	0.00	0.00	0.55	0.15	0.00	0.07	0.00	0.00	0.00	-	0.00	0.00	
30	0.00	0.00	1.52	0.00	0.00	-	0.00	0.00	0.00	-	0.00	0.00	
31	0.00	0.00	0.51	0.00	0.00	0.04	0.00	0.00	0.00	-	0.00	0.00	
Total	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-
Average	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-
Min	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-
Max	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-

Source: National Climatic Data Center (NCDC), <http://wlf.ncdc.noaa.gov/oa/ncdc.html>

Note: A significant amount of data was missing for 2004-2005 therefore monthly and annual totals were not able to be determined.

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2003-2004

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	1.34	1.85	0.04	0.19	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	1.33	0.43	0.75	0.21	0.00	-	-	0.00	0.00	0.00	
3	0.00	0.33	0.00	0.21	0.84	0.00	0.00	-	-	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	
5	0.00	0.08	0.55	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	
6	0.00	0.22	0.21	0.00	0.00	0.02	0.00	-	-	0.00	0.00	0.00	
7	0.00	0.11	1.38	0.39	0.10	0.00	0.00	-	-	0.00	0.00	0.00	
8	0.00	0.57	0.00	0.24	0.00	0.00	0.00	-	-	0.00	0.00	0.00	
9	0.00	1.52	0.00	0.14	0.00	0.00	0.00	-	0.01	0.00	0.00	0.00	
10	0.00	0.17	2.16	0.64	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	
11	0.00	0.01	0.44	0.01	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.31	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	
14	0.00	0.00	1.49	0.00	0.09	0.00	0.00	-	0.00	0.00	0.00	0.00	
15	0.00	0.23	0.00	0.15	0.01	0.00	0.03	-	0.00	0.00	0.00	0.00	
16	0.00	0.01	0.00	0.02	0.68	0.00	0.00	-	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	3.36	0.00	0.00	-	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	3.48	0.00	0.08	-	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.04	-	0.00	0.00	0.00	0.00	
20	0.00	0.00	1.21	0.00	0.00	0.00	0.39	-	0.00	0.00	0.00	0.00	
21	0.00	0.00	1.15	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.31	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.00	2.57	0.25	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.15	0.00	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	1.54	1.15	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.30	0.20	0.07	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.15	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.22	2.66	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	3.62	19.14	4.84	13.70	1.66	0.61	-	-	0.00	0.00	0.00	43.57
Average	0.00	0.12	0.62	0.16	0.44	0.05	0.02	-	-	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	
Max	0.00	1.52	2.66	1.85	3.48	1.15	0.39	-	-	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://wlf.ncdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2002-2003

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.85	0.00	0.00	0.00	0.02	
4	0.00	0.00	0.00	0.00	0.00	0.01	0.61	0.23	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	
8	0.00	2.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.35	0.43	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	0.55	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.04	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	0.00	0.02	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.05	1.55	1.14	1.40	0.00	1.85	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	5.50	0.01	0.10	1.22	0.21	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.00	3.71	0.06	0.00	2.42	0.01	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.00	4.59	0.01	1.02	0.17	0.01	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	0.83	0.00	0.00	0.12	0.10	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.05	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.90	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.04	0.41	0.00	0.00	0.05	0.00	0.00	0.00	0.51	0.00	
23	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.03	0.00	0.08	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.68	0.00	0.00	0.01	0.59	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	1.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.63	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00	
29	0.00	0.00	1.36	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.02	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	4.61	25.33	4.73	2.56	3.95	7.34	1.27	0.00	0.00	0.51	0.02	50.32
Average	0.00	0.15	0.82	0.15	0.08	0.13	0.24	0.04	0.00	0.00	0.02	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	0.00	2.92	5.50	1.25	1.40	2.42	1.85	0.85	0.00	0.00	0.51	0.02	

Source: National Climatic Data Center (NCDC), <http://lwf.ncdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 2001-2002													
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	-	0.00	1.11	0.32	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00	
2	-	0.00	3.06	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	-	0.00	0.65	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	-	0.00	0.15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	-	0.00	0.15	1.85	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
7	-	0.00	0.01	0.03	0.05	0.50	0.00	0.00	0.00	0.00	0.00	0.00	
8	-	0.00	0.00	0.00	0.60	0.13	0.00	0.00	0.00	0.00	0.00	0.00	
9	-	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	-	0.00	0.00	0.00	0.00	0.66	0.03	0.00	0.00	0.00	0.00	0.00	
11	-	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	-	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	-	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	-	0.07	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	-	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	-	0.00	0.01	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	
17	-	0.12	0.72	0.00	0.40	0.00	0.11	0.00	0.00	0.00	0.00	0.00	
18	-	0.02	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	
19	-	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	-	0.07	0.42	0.00	0.12	0.00	0.00	0.66	0.00	0.00	0.00	0.00	
21	-	0.15	1.22	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	
22	-	0.97	0.68	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	-	0.00	0.36	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	
24	-	1.64	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
25	-	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	-	0.00	0.25	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	-	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	-	0.09	0.39	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	-	1.97	2.12	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	
30	-	0.01	0.42	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	
31	-	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	-	8.99	14.17	6.13	1.40	2.51	0.44	1.38	0.00	0.00	0.00	0.00	35.02
Average	-	0.29	0.46	0.20	0.05	0.08	0.01	0.04	0.00	0.00	0.00	0.00	
Min	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	-	1.97	3.06	2.52	0.60	0.90	0.21	0.70	0.00	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://wfn.cdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 1998-1999													
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.36	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.01	0.57	0.00	0.00	0.00	0.01	0.00	0.29	0.00	0.00	0.00	
4	0.00	0.01	0.01	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	
5	0.00	0.00	0.49	0.00	0.02	0.00	0.47	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.14	0.00	0.01	3.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	
7	0.00	1.03	0.09	0.00	1.78	0.00	0.02	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.24	0.13	0.00	2.18	0.06	0.42	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.01	0.00	0.00	2.26	1.50	0.06	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.22	0.00	0.00	0.00	-	0.04	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.01	0.23	0.00	0.14	0.00	-	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	0.00	0.03	0.00	0.26	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.15	0.00	0.04	1.78	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.21	0.00	1.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	0.01	0.00	0.26	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.01	0.00	1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.52	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	1.15	0.40	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.00	1.25	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	0.00	1.50	0.00	0.01	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	0.11	1.87	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.31	0.00	0.08	0.02	0.00	-	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	0.00	0.03	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.00	1.08	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.05	2.65	0.00	0.20	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.57	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
Total	1.20	8.09	1.91	6.14	15.05	4.02	1.22	0.00	0.29	0.00	0.00	0.00	37.92
Average	0.04	0.26	0.06	0.20	0.49	0.14	0.04	0.00	0.01	0.00	0.00	0.00	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	1.15	2.65	0.57	1.61	3.00	1.87	0.47	0.00	0.29	0.00	0.00	0.00	

Source: National Climatic Data Center (NCDC), <http://wfn.ncdc.noaa.gov/oa/ncdc.html>

TABLE 6

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 1997-1998													
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.02	0.00	0.00	0.00	0.60	0.33	0.00	0.00	0.00	0.00	
2	0.29	0.00	-	0.00	0.00	0.07	0.01	0.23	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	2.01	2.00	0.01	0.47	0.01	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.46	1.47	0.20	0.00	0.39	0.12	0.00	0.00	0.00	-	
5	0.00	0.00	0.53	0.00	1.21	0.20	0.00	0.02	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.25	0.16	0.09	0.01	0.14	0.02	0.00	0.00	0.00	0.00	
7	0.00	0.09	0.77	0.00	1.53	0.12	0.12	0.01	0.00	0.00	0.00	0.00	
8	0.05	0.00	0.61	0.00	4.92	0.06	0.00	0.00	0.00	0.00	0.00	0.00	
9	1.34	0.00	0.02	0.13	0.19	0.00	0.31	0.00	0.00	0.00	0.00	0.00	
10	-	0.37	-	1.60	0.21	0.00	0.16	0.00	0.00	0.00	0.00	0.00	
11	0.00	-	-	0.25	0.46	0.00	0.00	0.14	0.00	0.00	0.00	0.00	
12	0.00	0.33	0.00	2.01	0.52	0.71	0.00	0.45	0.05	0.00	0.00	0.00	
13	-	0.42	0.00	0.60	0.20	0.18	0.79	0.01	0.00	0.00	0.00	0.00	
14	0.00	0.43	0.00	0.69	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	
15	0.00	1.11	0.00	1.01	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	
16	0.00	0.73	0.00	0.00	0.00	0.00	0.16	0.01	0.00	0.00	0.00	0.00	
17	0.00	0.73	0.08	0.50	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	
18	0.00	-	0.00	1.26	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.00	0.74	0.00	0.01	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.04	0.00	-	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	0.00	-	0.00	-	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	0.00	0.16	0.00	-	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.24	0.00	0.04	0.00	0.02	-	0.00	0.00	0.00	0.00	0.00	
24	0.00	0.05	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.49	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	1.06	0.00	1.50	0.00	0.05	0.00	0.06	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.13	
28	0.00	0.63	0.00	-	0.03	0.15	0.00	2.40	0.00	0.00	0.00	0.05	
29	0.00	-	-	1.50	0.00	-	0.00	1.28	0.00	0.00	0.00	0.00	
30	0.00	1.19	0.00	0.02	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	
Total	1.68	8.81	2.74	14.77	16.27	3.46	3.48	5.47	0.05	0.00	0.00	0.18	56.91
Average	0.06	0.33	0.10	0.55	0.52	0.12	0.12	0.18	0.00	0.00	0.00	0.01	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	1.34	1.19	0.77	2.01	4.92	0.73	0.79	2.40	0.05	0.00	0.00	0.13	

Source: National Climatic Data Center (NCDC), <http://wfn.cdc.noaa.gov/oa/ncdc.html>

TABLE 6

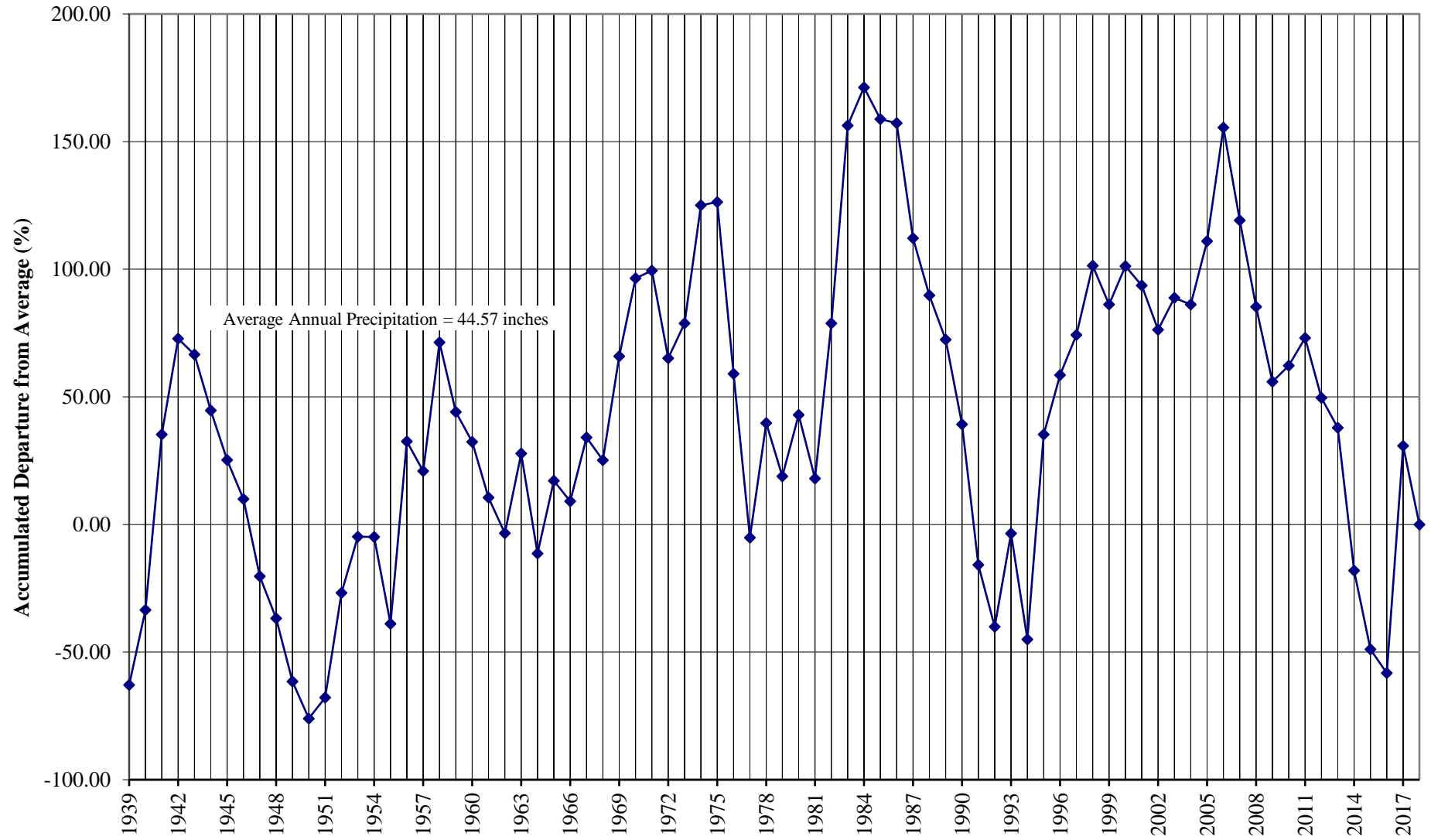
**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
MIDDLETOWN PRECIPITATION STATION
DAILY PRECIPITATION (inches)**

Water Year 1996-1997													
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1	0.00	0.00	0.00	4.59	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	1.98	0.00	-	-	0.00	0.00	0.52	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.14	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	0.00	0.00	3.30	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	
15	0.00	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	
16	0.00	0.00	-	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
17	0.00	0.00	-	0.00	-	1.86	0.00	0.00	0.00	0.00	0.00	0.00	
18	0.00	1.67	-	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	
19	0.25	1.50	-	0.00	0.00	0.03	0.95	0.00	0.00	0.00	0.00	0.00	
20	0.00	0.00	-	-	-	0.00	0.04	0.00	0.00	0.00	0.69	0.00	
21	0.00	0.00	-	1.99	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	
22	0.00	1.41	-	-	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	
23	0.00	0.00	-	2.45	0.00	0.00	0.45	0.24	0.00	0.00	0.00	0.00	
24	0.01	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	0.00	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	0.00	0.00	-	5.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	-	0.11	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	
28	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	0.50	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.15	0.76	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	0.00	0.00	14.75	0.04	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.91	5.34	22.13	16.82	0.00	2.34	1.52	0.44	0.52	0.00	0.69	0.30	51.01
Average	0.03	0.17	2.01	0.62	0.00	0.08	0.05	0.01	0.02	0.00	0.02	0.01	
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Max	0.50	1.67	14.75	5.95	0.00	1.86	0.95	0.24	0.52	0.00	0.69	0.30	

Source: National Climatic Data Center (NCDC), <http://wlf.ncdc.noaa.gov/oa/ncdc.html>

FIGURES

FIGURE 1
Hidden Valley Lake Community Services District
Accumulated Departure from Average Annual Precipitation Measured at the Middletown Station^(1,2)
Water Years 1939 - 2018



(1) Annual precipitation data for the years 2002, 2004-2007, and 2013 was estimated using data reported for the Calistoga station
(2) Annual precipitation data for the year 2018 was estimated using data reported for the Angwin PUC station.

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
HISTORICAL WATER SURFACE ELEVATIONS - GRANGE ROAD WELL NO. 1 (GR 1)**

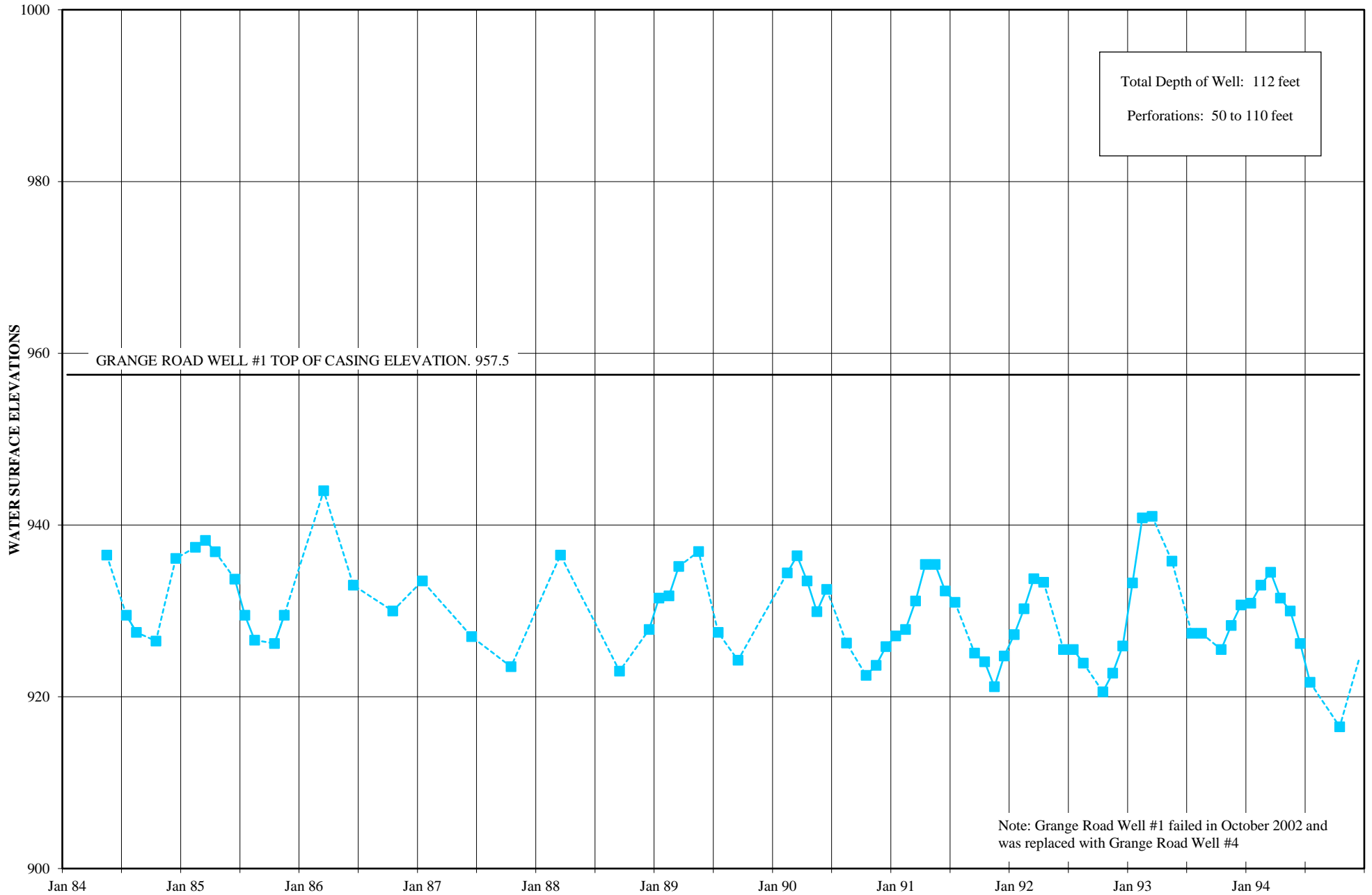


Figure 2

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
HISTORICAL WATER SURFACE ELEVATIONS - GRANGE ROAD WELL NO. 2 (GR 2)**

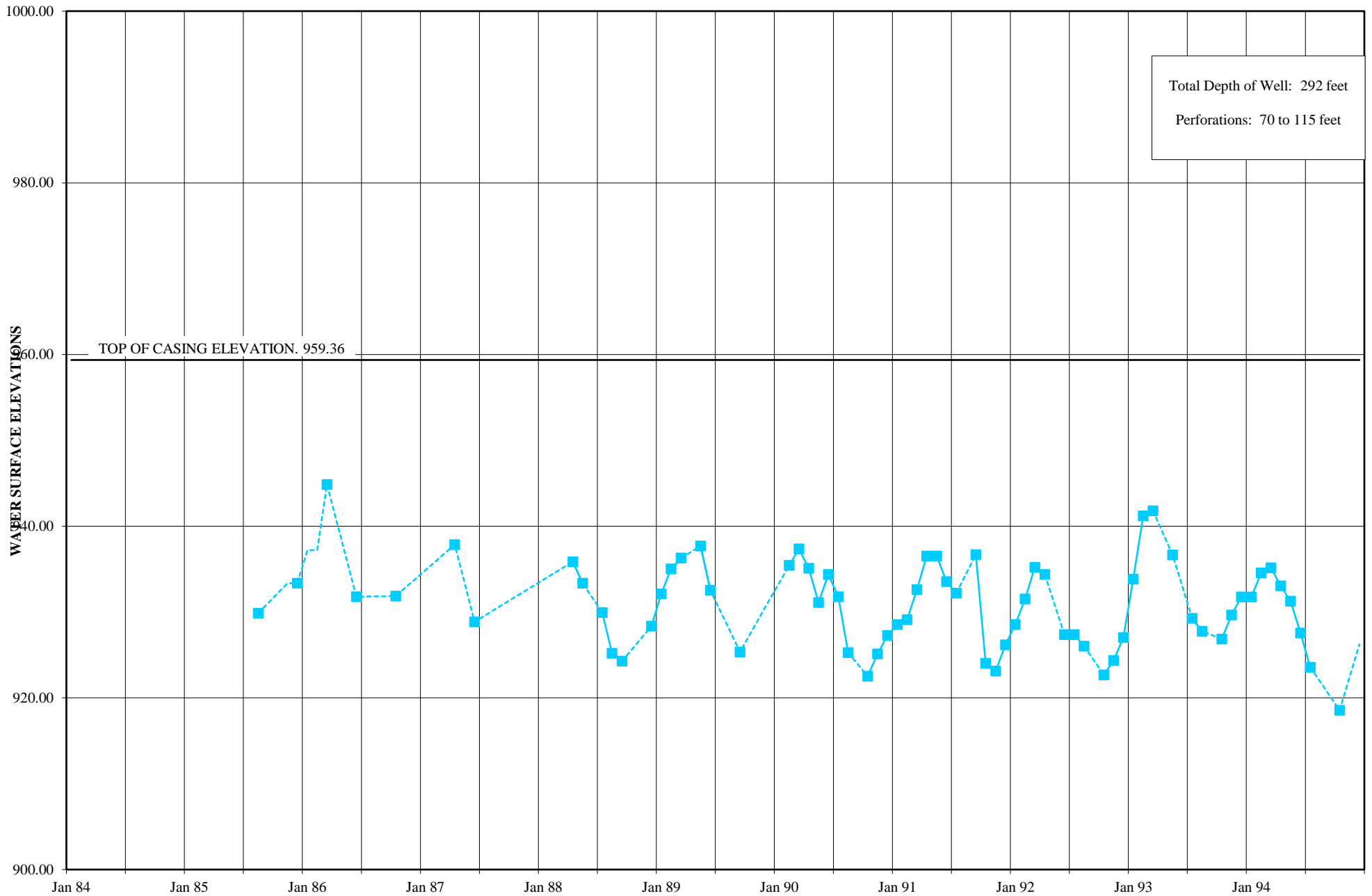


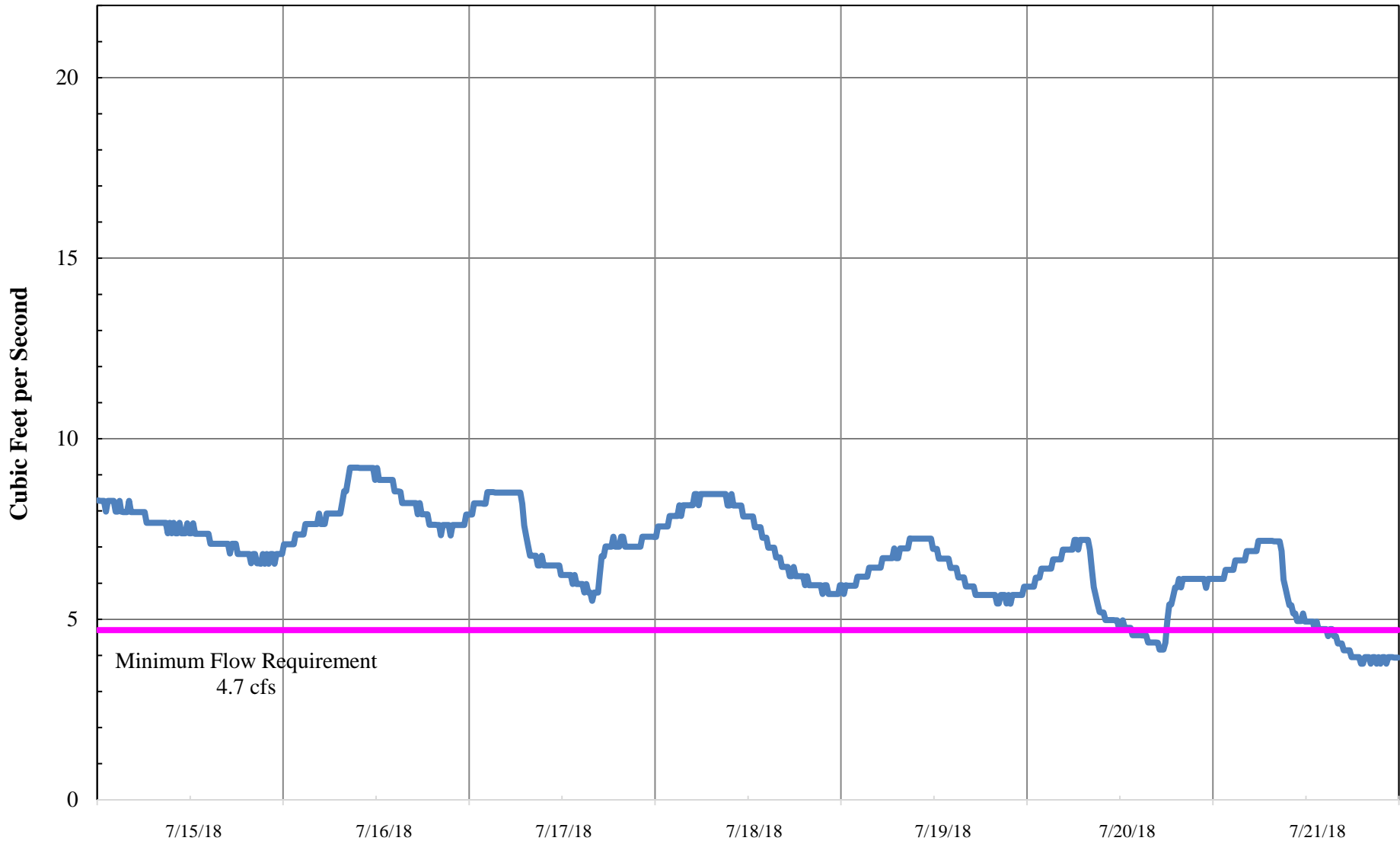
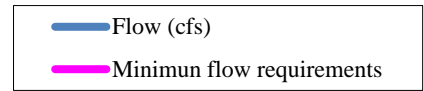
Figure 2

APPENDICES

APPENDIX-1

**Hydrographs of the Discharge in Putah
Creek for the period of July 15, 2018
through October 31, 2018**

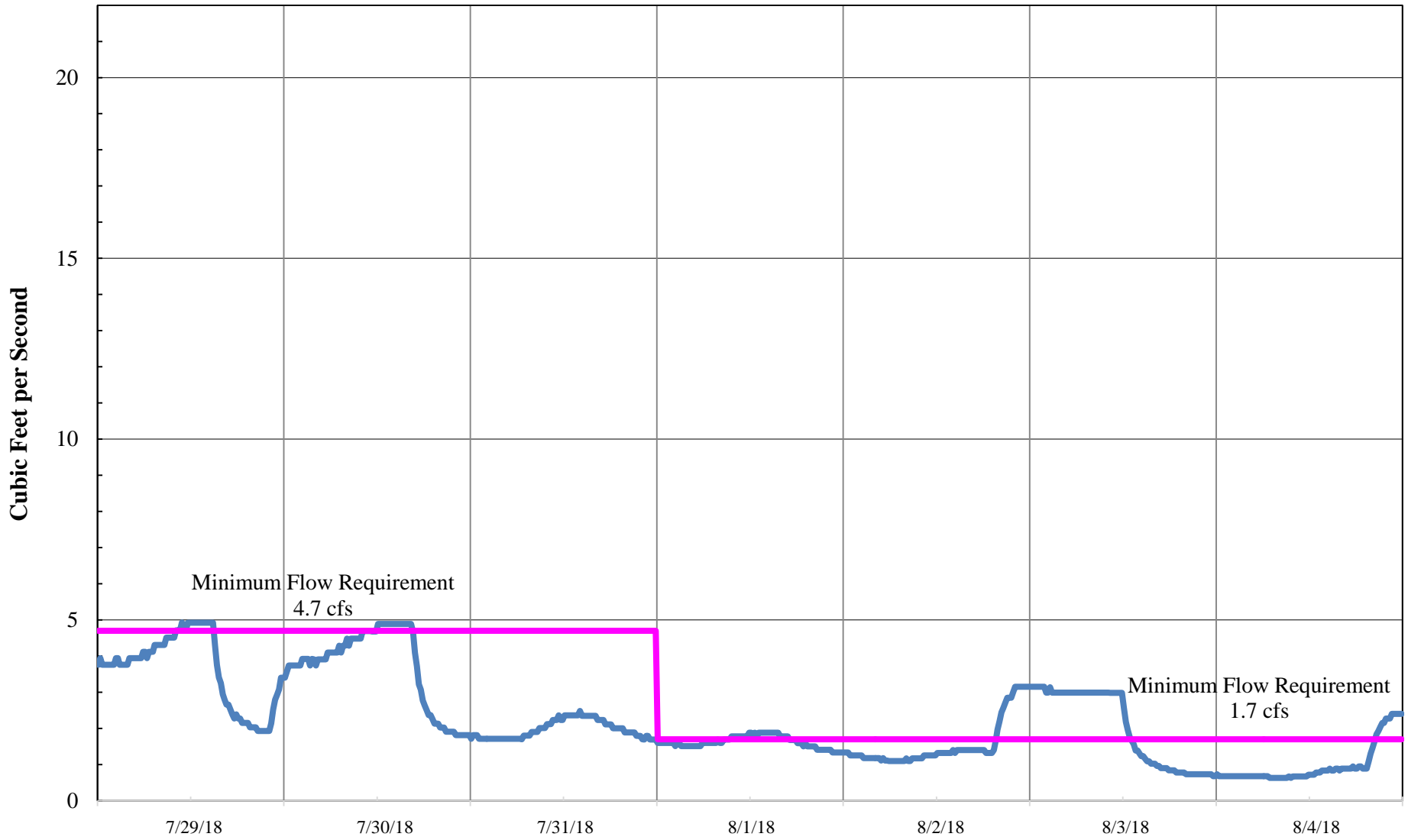
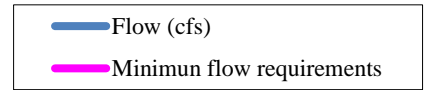
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
7/15/18 - 7/21/18**



Provisional Data Subject to Revision

Date

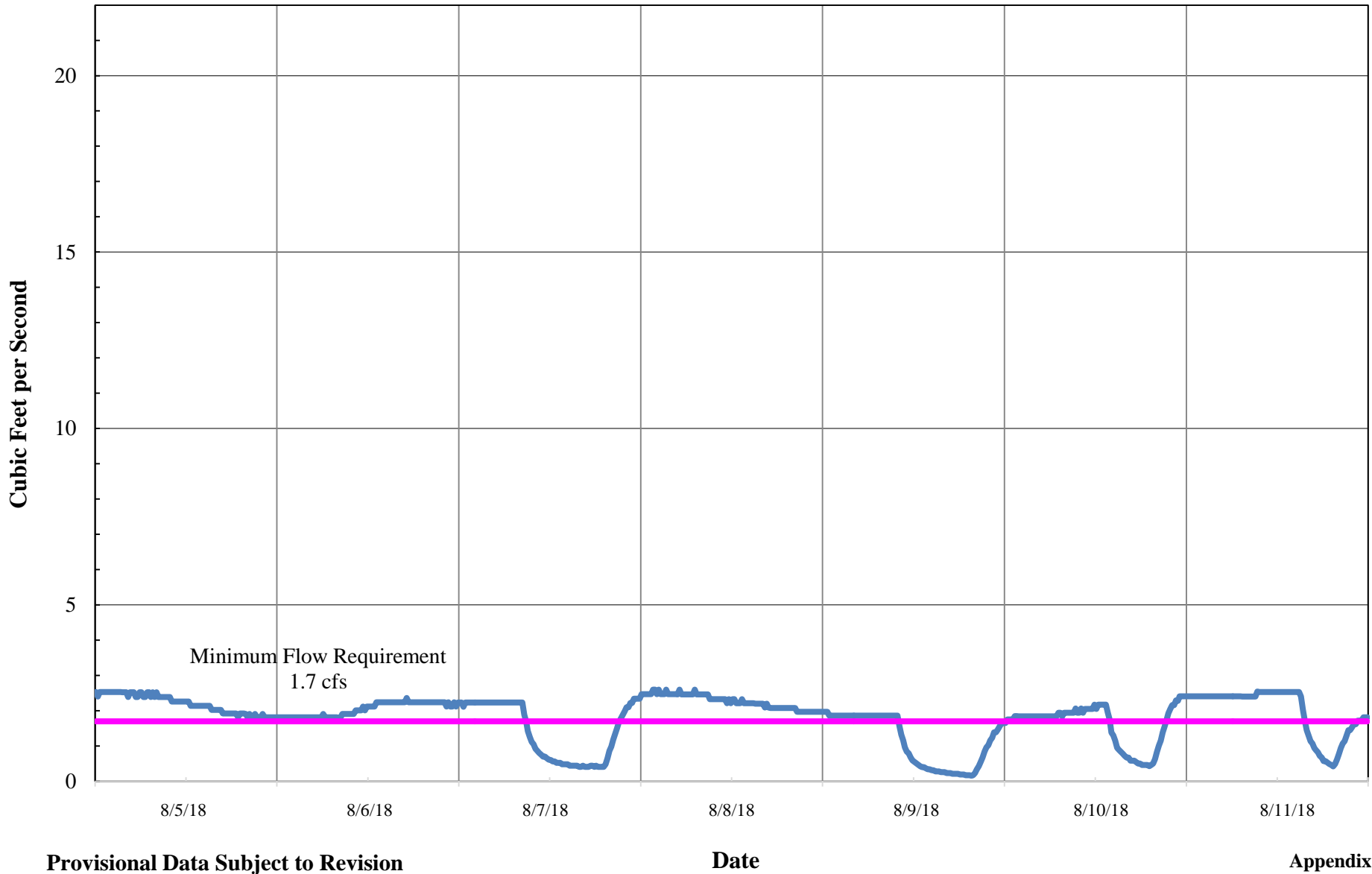
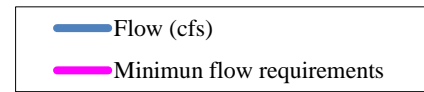
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
7/29/18 - 8/4/18**



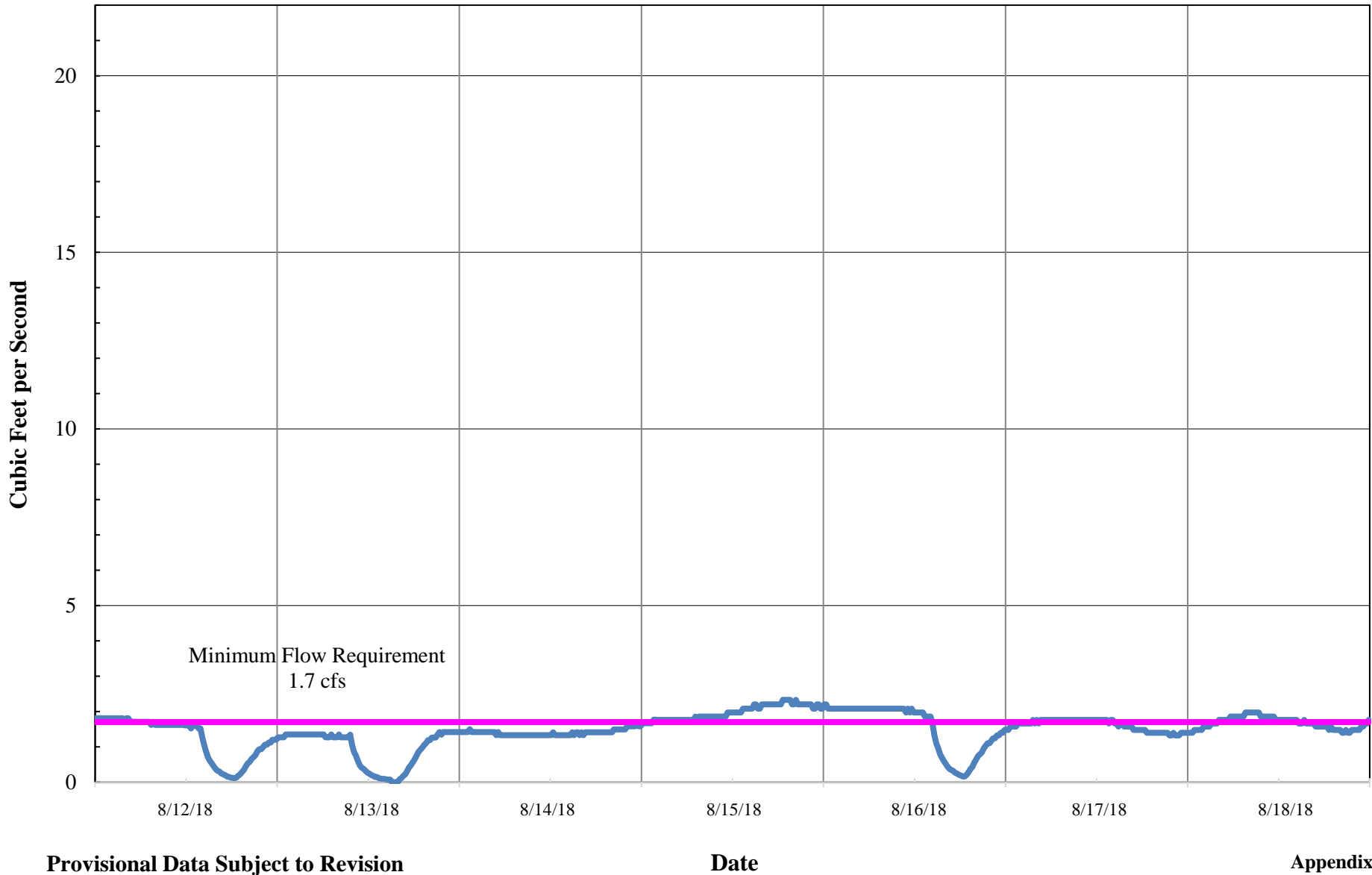
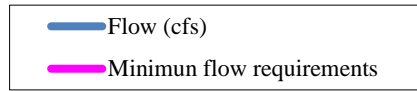
Provisional Data Subject to Revision

Date

**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
8/5/18 - 8/11/18**



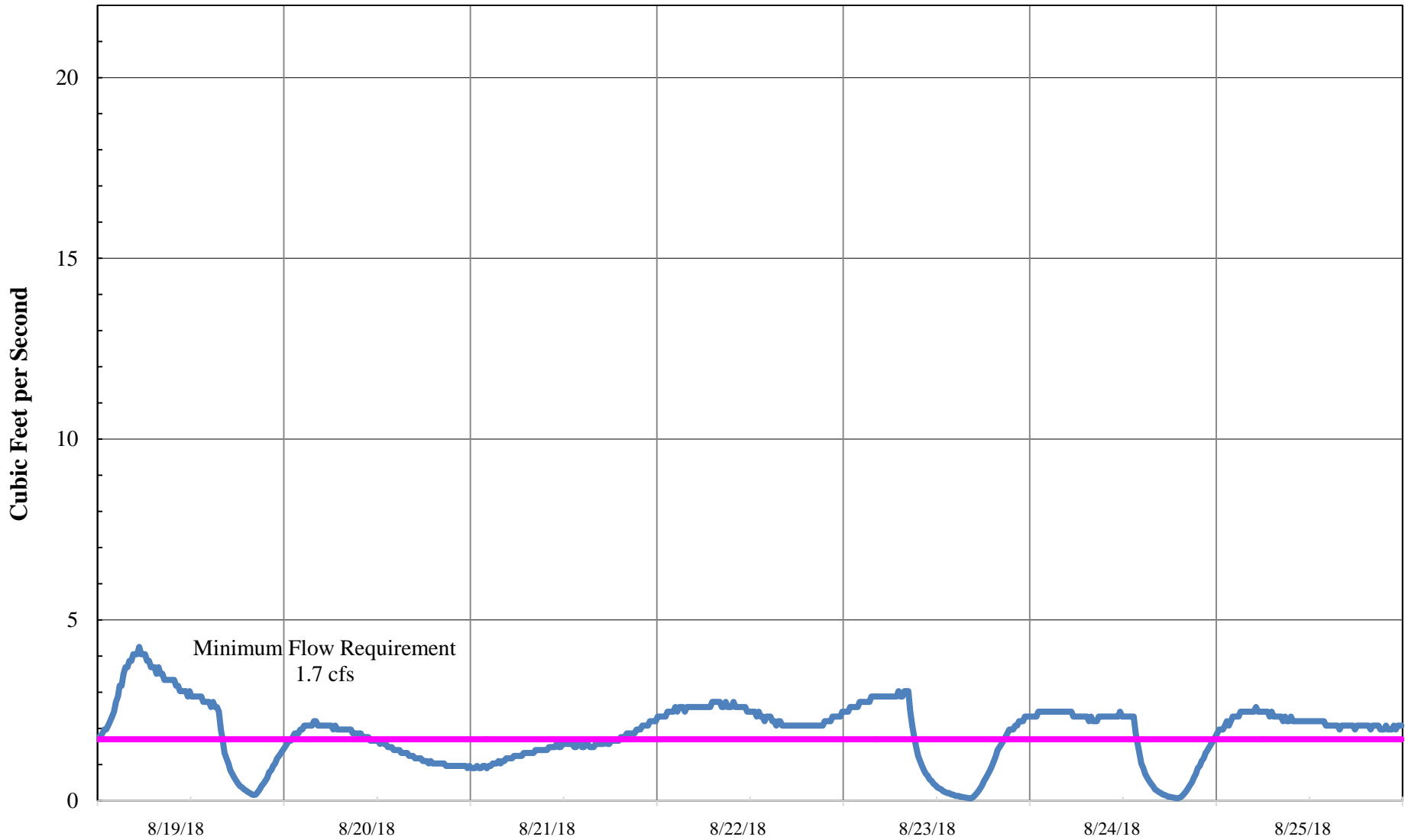
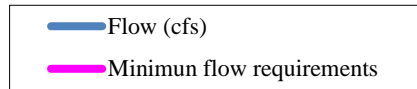
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
8/12/18 - 8/18/18**



Provisional Data Subject to Revision

Date

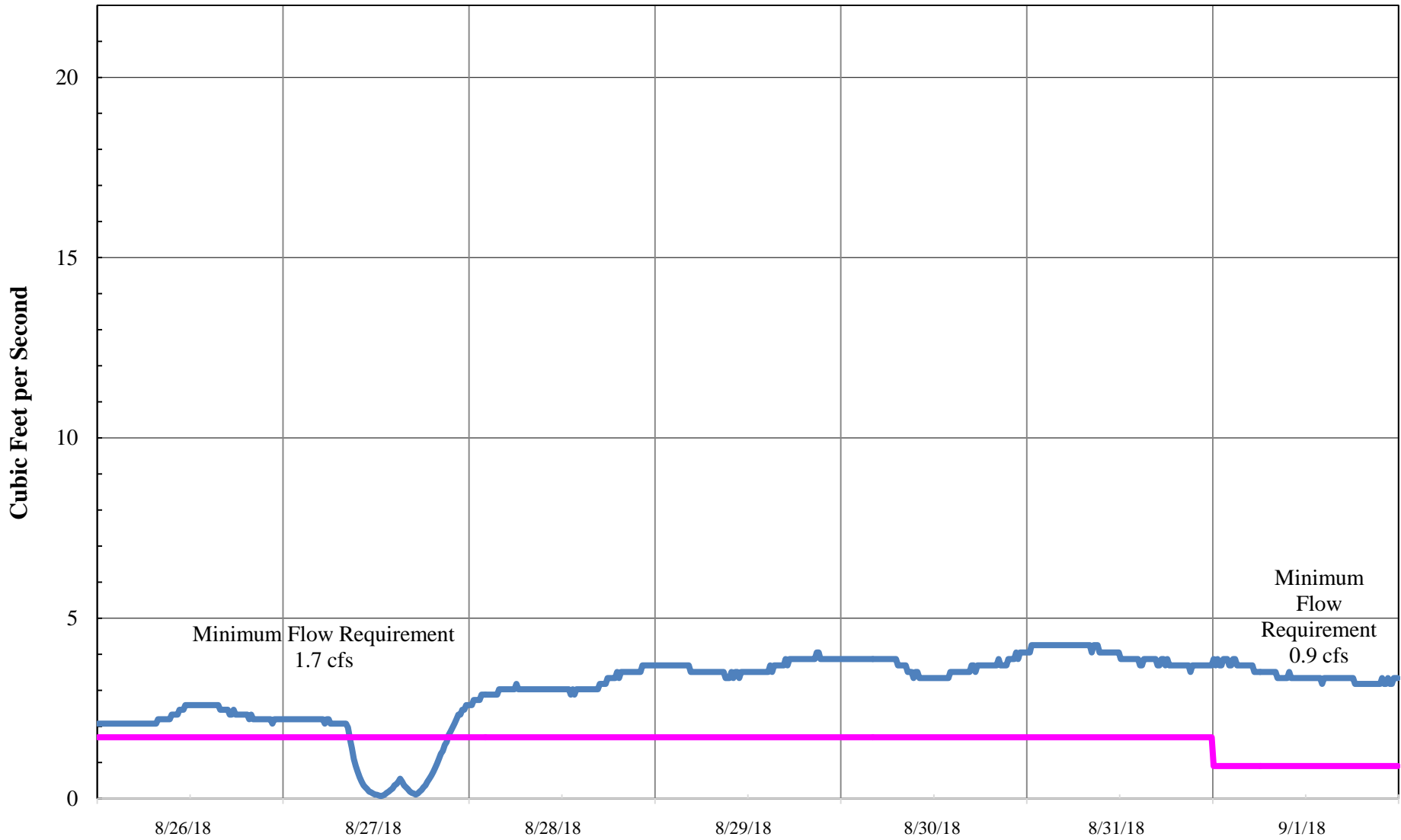
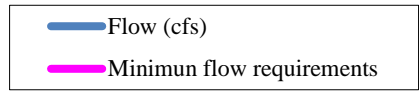
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
8/19/18 - 8/25/18**



Provisional Data Subject to Revision

Date

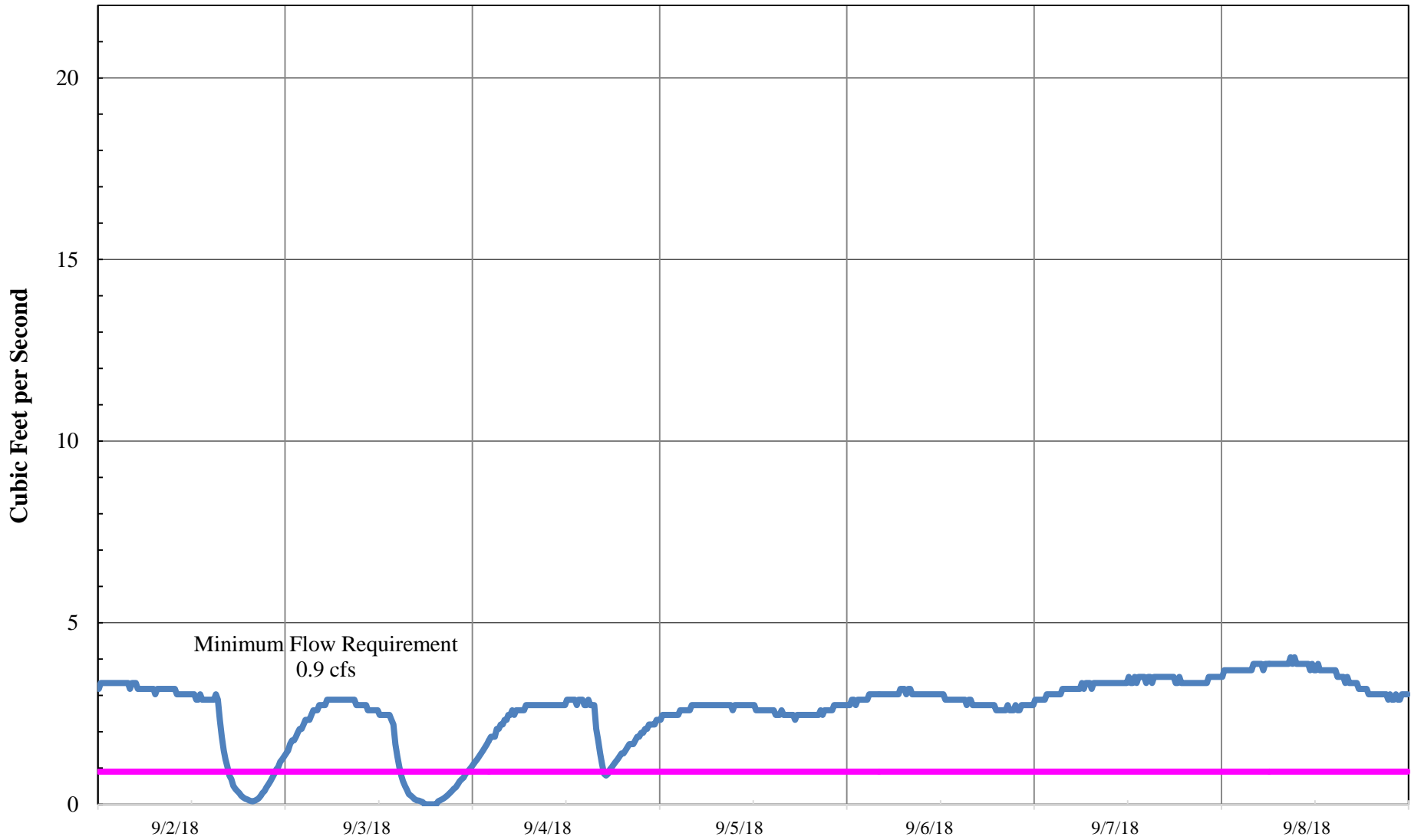
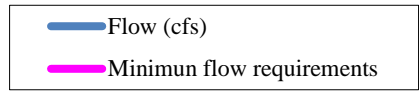
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
8/26/18 - 9/1/18**



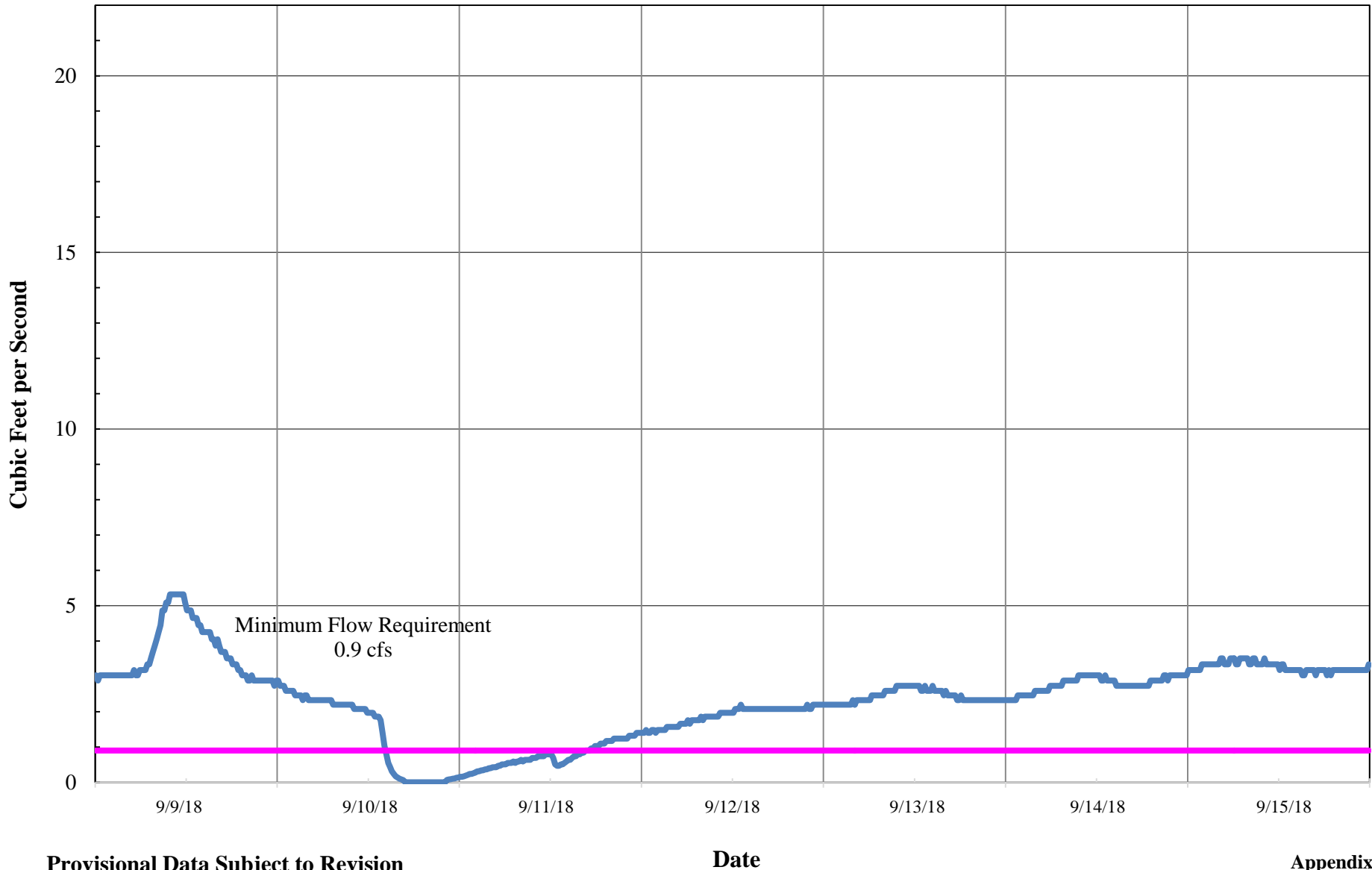
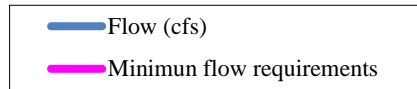
Provisional Data Subject to Revision

Date

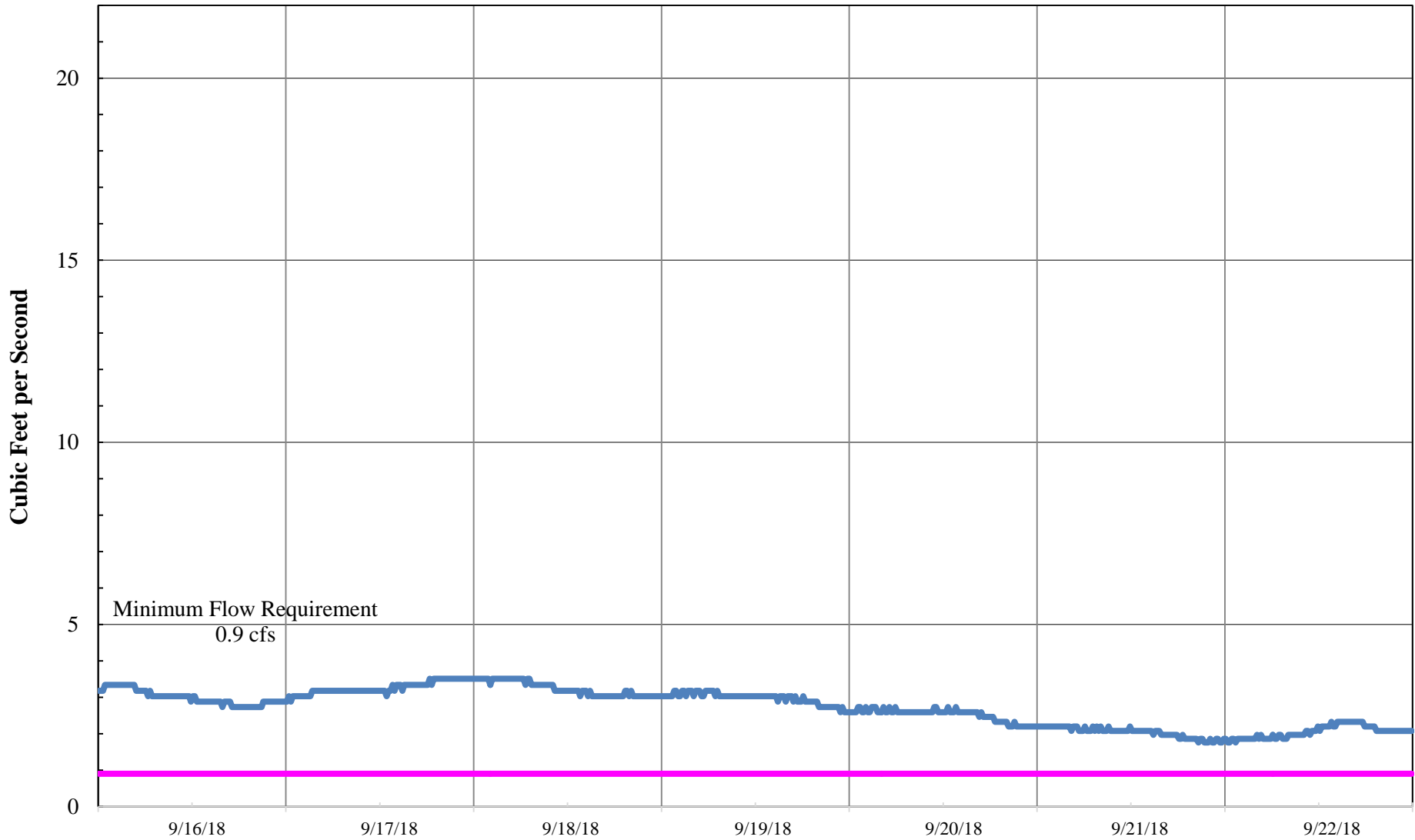
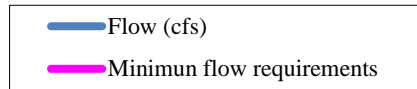
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
9/2/18 - 9/8/18**



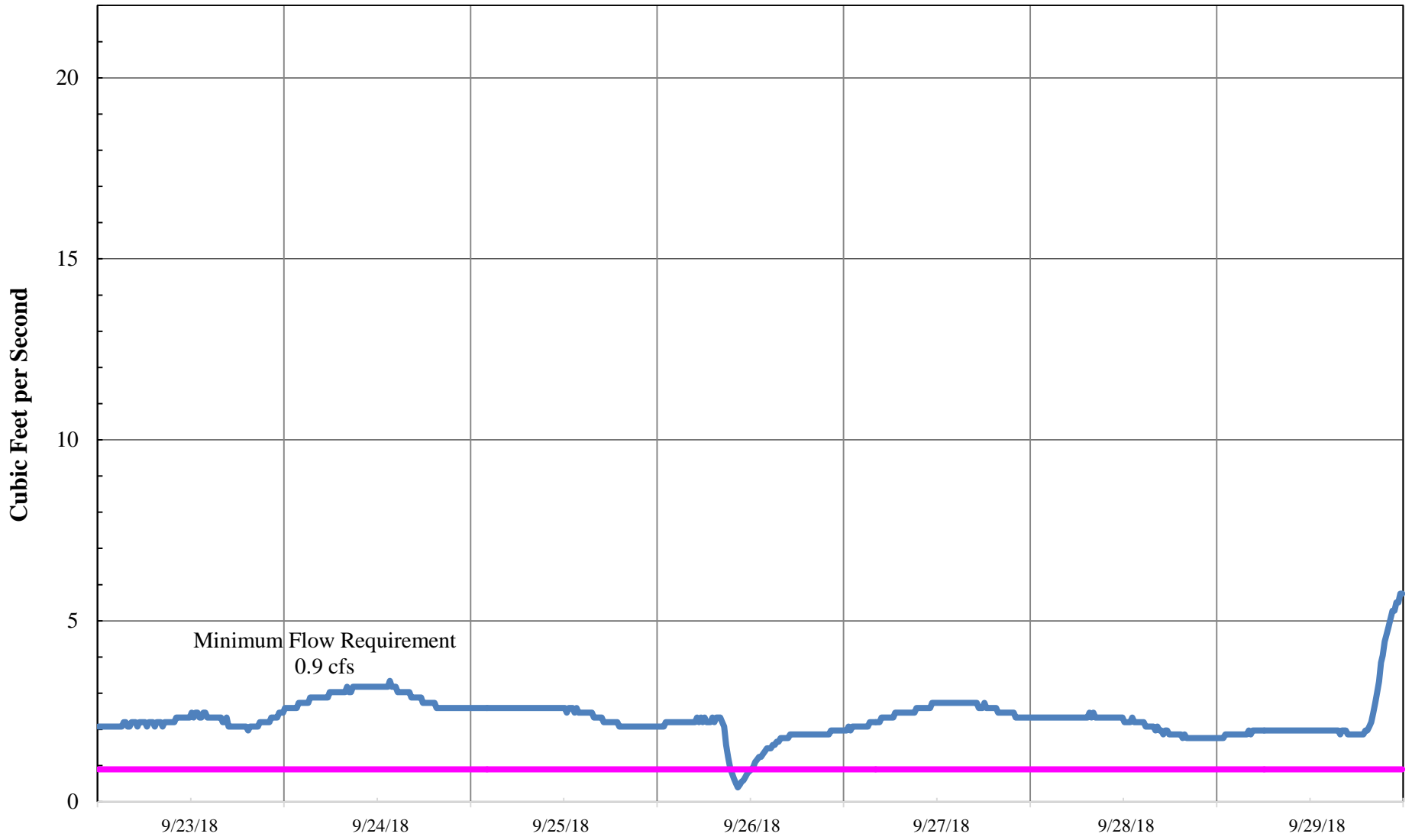
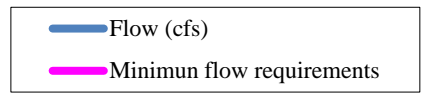
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
9/9/18 - 9/15/18**



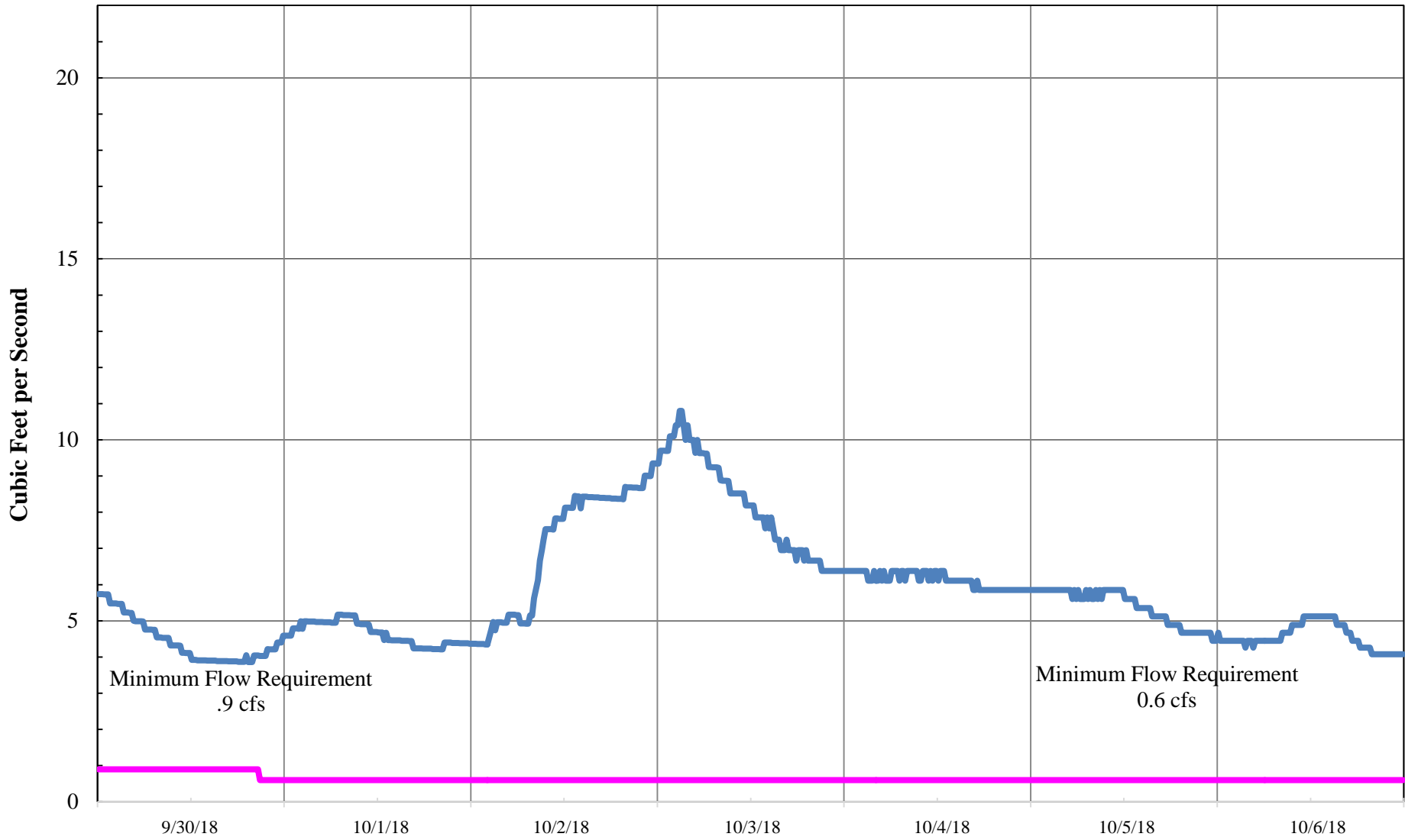
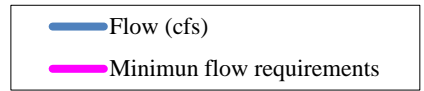
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
9/16/18 - 9/22/18**



**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
9/23/18 - 9/29/18**



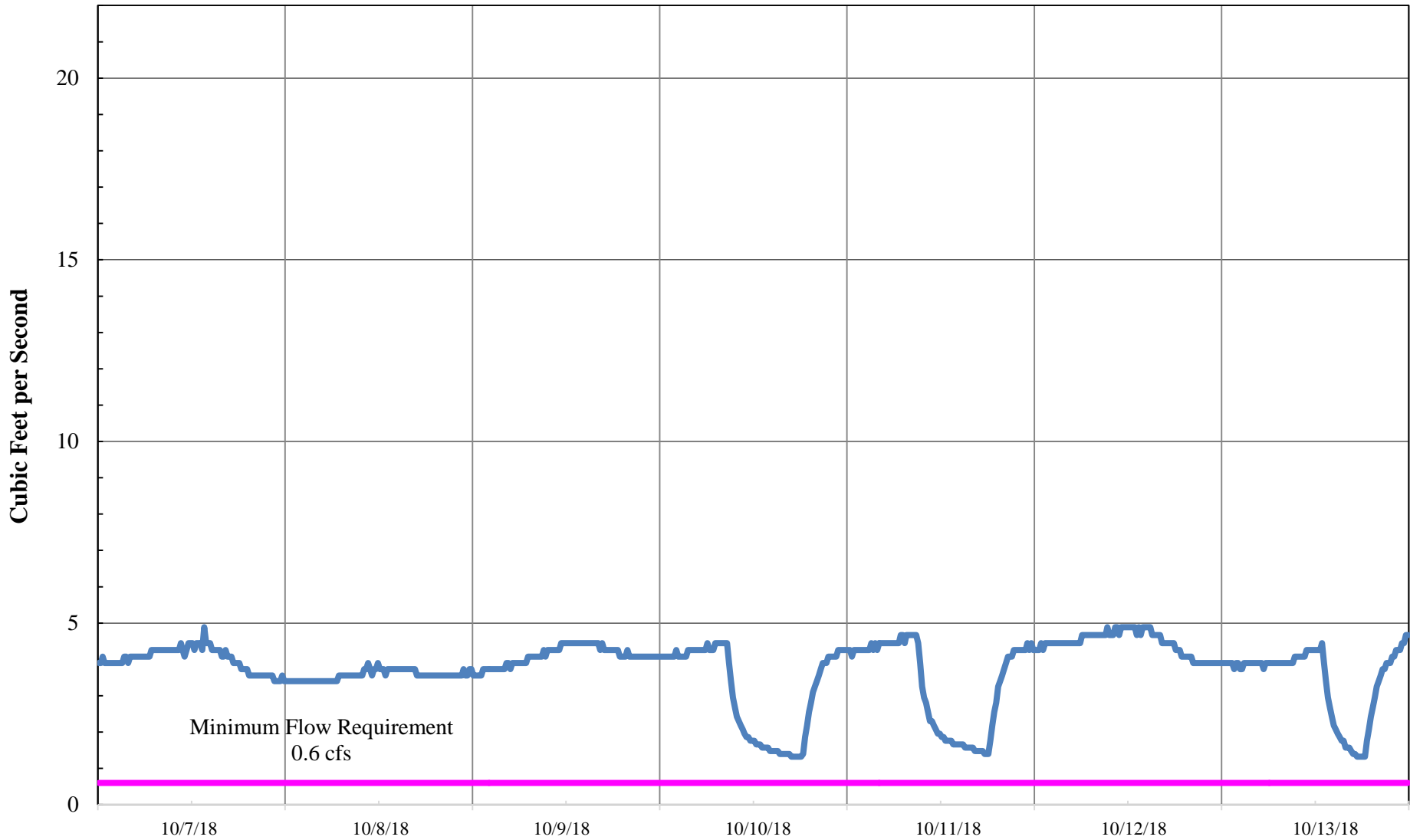
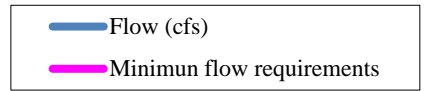
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
9/30/18 - 10/6/18**



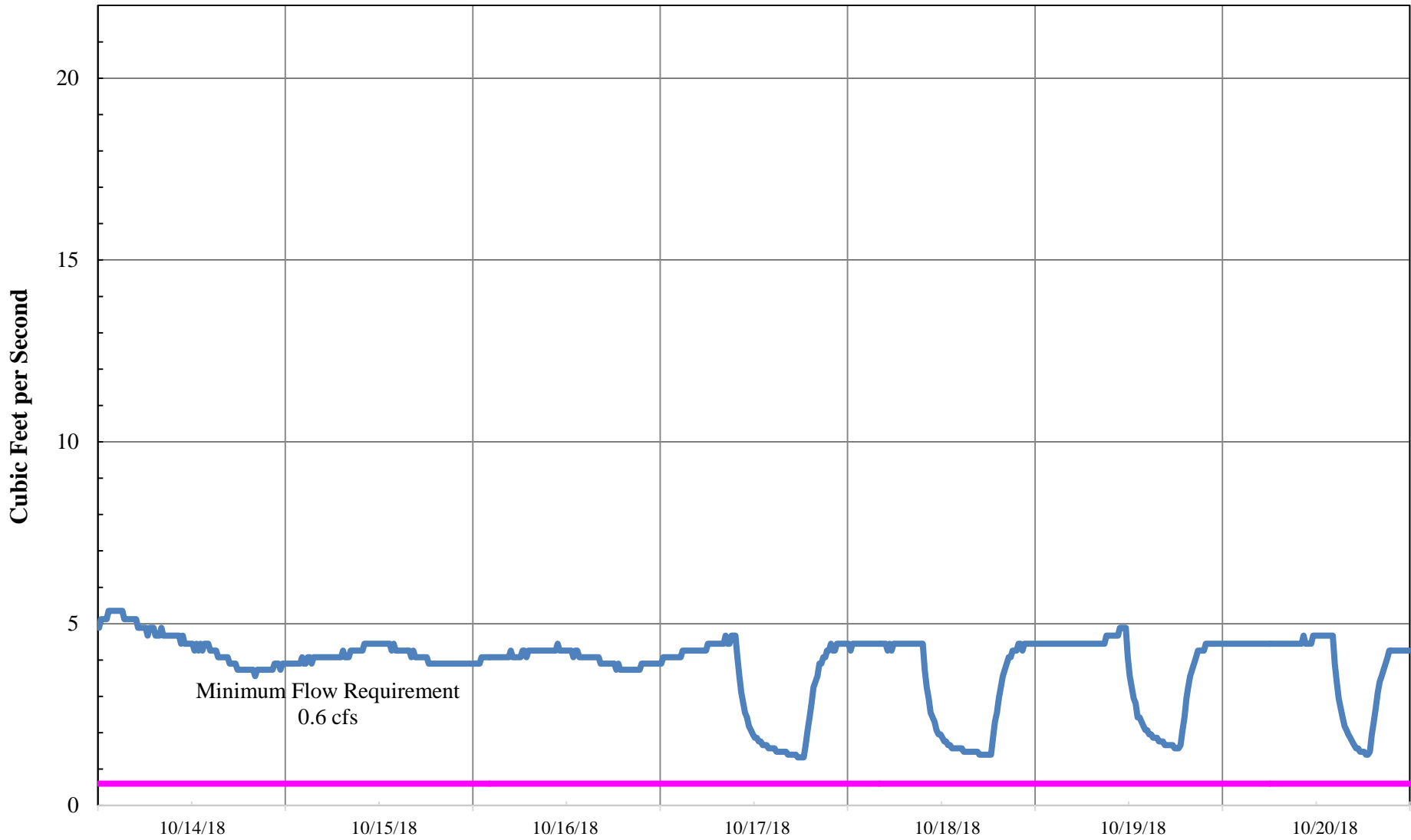
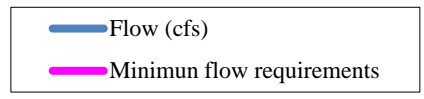
Provisional Data Subject to Revision

Date

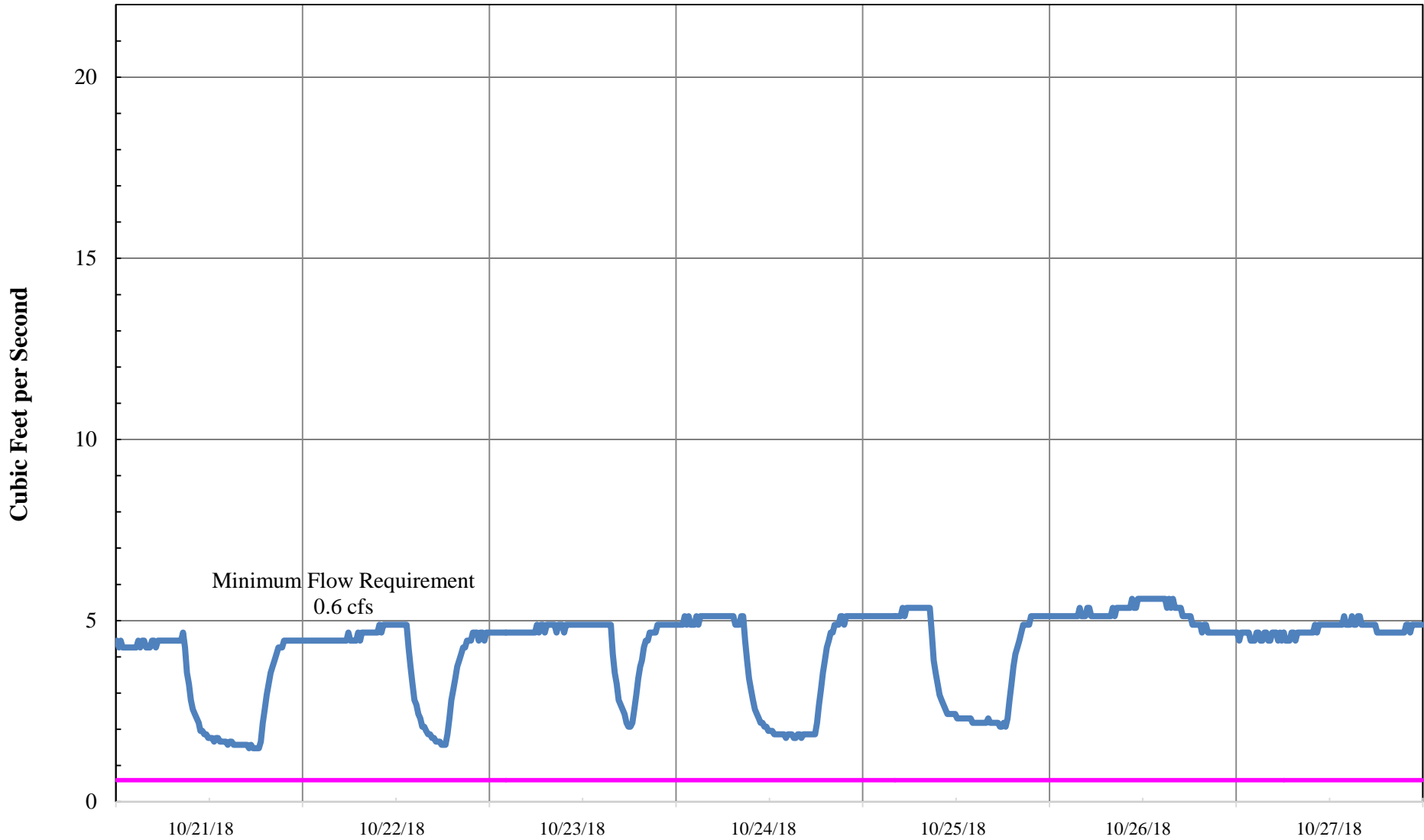
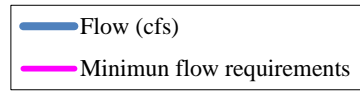
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
10/7/18 - 10/13/18**



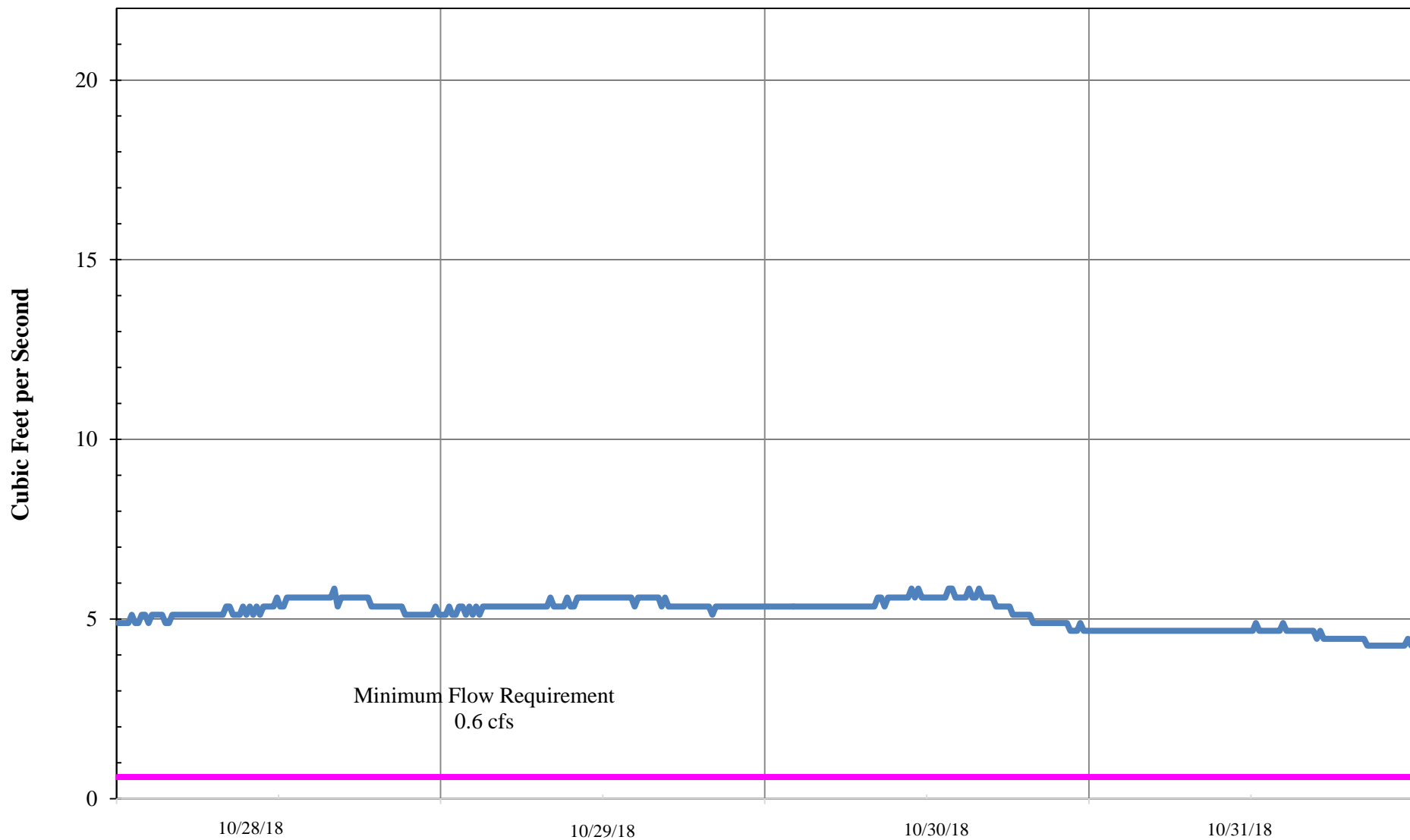
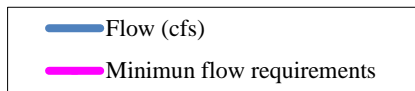
**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
10/14/18 - 10/20/18**



**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
10/21/18 - 10/27/18**



**DISCHARGE IN PUTAH CREEK
USGS STATION 11453500 - PUTAH CREEK NEAR GUENOC
10/28/18 - 10/31/18**



APPENDIX-2

**Grange Road Wells and Monitoring Wells
Geotechnical Reports and Boring Logs**

GRANGE ROAD WELL LOG

(GR-4)

- TOP OF CASING
ELEV 956.89

RECEIVED MAR 1 0 2003

Grange Road #2
Well #4

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. **769936**

DWR USE ONLY -- DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

Page 1 of 1

Owner's Well No. Well #4 4

Date Work Began 1/23/2003, Ended 2/26/2003

Local Permit Agency Lake Co Environ Health

Permit No. WE-2201

Permit Date 1/29/2003

GEOLOGIC LOG

WELL OWNER

ORIENTATION (✓)		DRILLING METHOD		DESCRIPTION	
<input checked="" type="checkbox"/> VERTICAL	<input type="checkbox"/> HORIZONTAL	<input checked="" type="checkbox"/> MUD ROTARY	<input type="checkbox"/> FLUID	<u>Bentonite</u>	
				Describe material, grain, size, color, etc.	
0	12	Tan clay			
12	59	Sand and gravel, cobble and boulders			
59	72	Clay			
72	84	Sand and gravel			
84	87	Clay			
87	94	Sand and gravel			
94	95	Clay			
95	115	Sand and gravel and clay streaks			
115	135	Clay			
135	138	Sand and gravel			
138	147	Clay with embedded gravel			
147	167	Sand and gravel and streaks of clay			
167	180	Clay with streaks of sand and gravel			
180	189	Blue clay with embedded gravel and streaks of loose gravel			
189	199	Clay with embedded rock			
199	204	Hard serpentine			
204	231	Stiff clay			

Name Hidden Valley Com: Service District
 Mailing Address 19400 Hartman Road
 Middletown CA
 CITY STATE ZIP

Address 18963 Grange Road
 City Middletown CA
 County Lake
 APN Book 014 Page 270 Parcel 67
 Township _____ Range _____ Section _____
 Latitude _____

WELL LOCATION

DEG. MIN. SEC. LOCATION SKETCH NORTH SOUTH

ACTIVITY (✓)
 NEW WELL
 MODIFICATION/REPAIR
 Deepen
 Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (✓)
 WATER SUPPLY
 Domestic Public
 Irrigation Industrial

MONITORING _____
 TEST WELL _____
 CATHODIC PROTECTION _____
 HEAT EXCHANGE _____
 DIRECT PUSH _____
 INJECTION _____
 VAPOR EXTRACTION _____
 SPARGING _____
 REMEDIATION _____
 OTHER (SPECIFY) _____

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

TOTAL DEPTH OF BORING 231 (Feet)
 TOTAL DEPTH OF COMPLETED WELL 206 (Feet)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER _____ (FL) BELOW SURFACE
 DEPTH OF STATIC WATER LEVEL 22 (FL) & DATE MEASURED 2/26/2003
 ESTIMATED YIELD 100 (GPM) & TEST TYPE BAILED
 TEST LENGTH 1 (Hrs.) TOTAL DRAWDOWN 44 (FL)
 May not be representative of a well's long-term yield.

DEPTH FROM SURFACE FL to FL	BORE-HOLE DIA. (Inches)	CASING (S)				INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE (Inches)	ANNULAR MATERIAL TYPE				
		TYPE (✓)	MATERIAL / GRADE	CE-MENT (✓)	BEN-TONITE (✓)				FILL (✓)	FILTER PACK (TYPE/SIZE)			
0 to 231	7 7/8												
50 to 218	22												
+3 to 206		✓			STEEL	14							
0 to 50			✓		S. STEEL	24							
50 to 110			✓		S. STEEL			.050					
148 to 188			✓		S. STEEL			.050					

- ATTACHMENTS (✓)
- Geologic Log
 - Well Construction Diagram
 - Geophysical Log(s)
 - Soil/Water Chemical Analysis
 - Other _____
- ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Weeks Drilling & Pump
 (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

P.O. Box 176 Sebastopol CA 95473
 ADDRESS CITY STATE ZIP

Signed Melissa G. Lopez DATE SIGNED 03/05/03 177681
 WELL DRILLER/AUTHORIZED REPRESENTATIVE C-57 LICENSE NUMBER

LUCHETTI RANCH MONITORING WELL LOGS

(MW 5A, MW 5B)

Wells SA + SB



October 27, 1998
Job No. 108.07.01

James C. Hanson Consulting Civil Engineer
444 North Third Street, Suite 400
Sacramento, California 95814

SA SB

Monitoring Well Installation
MW-~~4A~~ and ~~4B~~, Luchetti Ranch
Hidden Valley Lake CSD
Lake County, California

Gentlemen:

This letter summarizes the drilling activities and transmits our geologic log associated with the installation of monitoring well MW-4A and -4B for the Hidden Valley Lake Community Services District in Lake County, California. The wells were drilled on the Luchetti property, north of Grange Road and about 2.53 miles southeast of Highway 29, at the location shown on the attached Location Map, Plate 1. Our scope of services consisted of logging the conditions encountered during drilling of the well boring, providing geologic input to the construction of the wells, and presenting the findings in this letter.

Field Activities

On June 1 and 2, 1998, our engineering geologist observed the drilling of the boring for wells MW-4A and 4B by Weeks Drilling and Pump Company of Sebastopol, California. The well boring was drilled to a total depth of 100 feet, using a truck-mounted Failing 1500 rotary wash drill rig, equipped with a 7-7/8 inch diameter bit. The subsurface conditions encountered were logged by observing the drill cuttings circulated out of the borehole. The lithologic log for the boring is attached as Plate 2. The alluvial soils encountered were classified according to the Unified Soil Classification System described on Plate 3.

At the completion of drilling, the boring was flushed with clean water and two monitoring well casings were installed. The well completion detail is presented on Plate 2. The wells were constructed of 2-inch diameter Schedule 40 PVC casing, with 0.020-inch machine-slotted well screens. The deeper well casing (MW-4A) was screened from a depth of 90 to 100 feet and the second, shallower well (MW-4B) was screened from a depth of 30 to 40 feet. The dual well completion was performed to allow measurement of slight differences in

water levels, as an indicator of vertical ground-water gradients. The static water level was obscured by the bentonite mud used to drill the boring and we were not able to measure a water level at the time of drilling.

The annular space around the screened interval of each well consists of Lonestar #3 sand. A bentonite seal was placed above the sandpack from a depth of 20 to 16 feet. A surface grout seal, consisting of cement with approximately 5% bentonite was placed under the observation of Mr. Manual Ramirez of the Lake County Department of Environmental Health. The well casings extend above grade and are housed within a locking steel well vault.

Interpretation of Subsurface Conditions

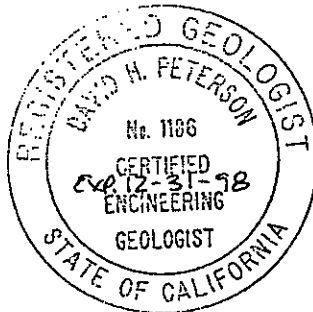
Wells MW-1 through MW-3, previously installed further west, encountered predominantly clean sands and gravels, indicative of stream channel deposits. The boring for MW-4A and 4B encountered interbedded sandy gravel, gravelly sand, clayey sand, and sandy clay alluvial strata to the depth explored. The clean sand and gravel units (soil symbols SP and GP) appear to represent stream channel deposits, possibly deposited as the main stream channel occasionally shifted across the valley bottom, or from tributaries. These strata are interbedded with finer grained materials that are more likely overbank and flood plain deposits, somewhat more removed from the main channel. We assume that ground water in the more permeable sand and gravel strata is at least partially confined.

We trust this letter provides the information you require. If you have questions about our findings, please call the undersigned at (707) 823-9290.

Very truly yours,
The Geoservices Group



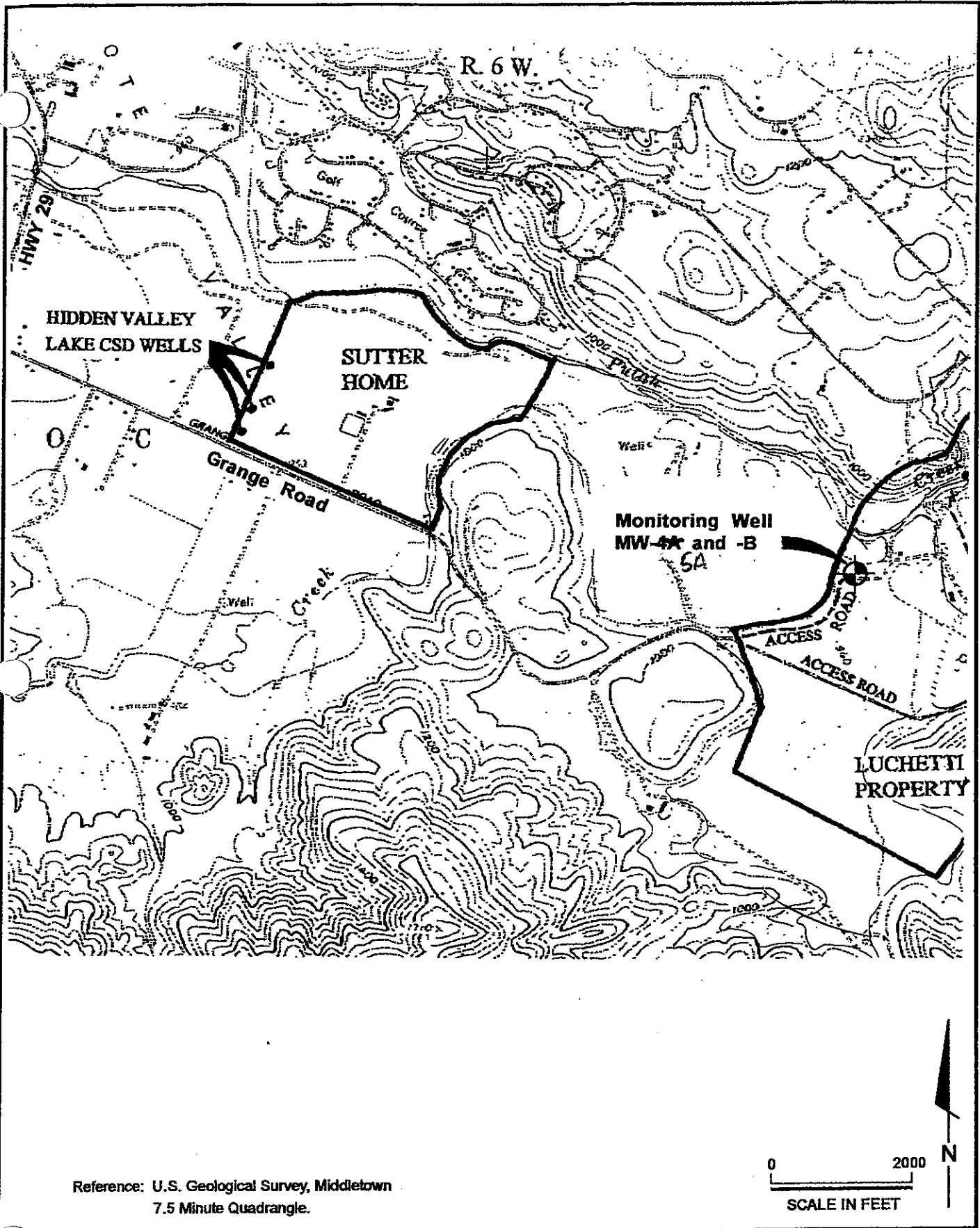
David H. Peterson
Engineering Geologist - 1186



Attachments: Location Map, Plate 1
 Log of Boring MW-4A and B, Plate 2
 Unified Soil Classification System, Plate 3

DHP:dhp\1080701.MWI

Original and two copies submitted



Reference: U.S. Geological Survey, Middletown
7.5 Minute Quadrangle.

0 2000 N
SCALE IN FEET

Log of Boring MW-4A and B

Job Number 108.07.01 Date Completed 6-1-98
 Drilling Method 7-7/8" Rotary Wash Depth 100 ft
 Logged by DHP Elevation _____

Laboratory Data

MW-4A
 MW-4B
 7-7/8 inch diameter borehole 0 to 100 ft
 2 inch diameter Sch 40 PVC Blank casing, 0 to 90.0 ft
 2 inch diameter Sch 40 PVC Blank casing, 0 to 30.0 ft
 Bentonite - cement seal 0 to 16.0 ft
 Bentonite pellet seal 16.0 to 20.0 ft
 Lonestar #3 sandpack, 20.0 to 100.0 ft
 2 inch diameter slotted 0.02 screen, 30.0 to 40.0 ft

Locking steel well vault

(N) Blows /ft.

Depth Feet

Graphic Log

Description

BROWN SANDY CLAY (CL) stiff, wet
 GRAY-BROWN SANDY GRAVELLY CLAY (CL) stiff, rounded gravel to 1 inch diameter (Alluvium)
 same with occasional sandier strata
 GRAY GRAVELLY SAND (SP) medium dense, coarse grained sand
 BROWN SANDY CLAY (CL) stiff, with 30 to 40% sand, 10 to 15% fine sand
 increasing fine to medium sand (25-35%)
 DARK GRAY SANDY GRAVEL (GP) coarse sand and rounded gravel to 1/2 inch diameter
 (rig chatter at 33.0 ft)
 coarse sand and gravel to 1 inch diameter



Log of Boring MW-4A and B
 Hidden Valley Lake CSD
 Lake County, California

PLATE
2

Log of Boring MW-4A and B, cont.

Job Number 108.07.01 Date Completed 6-1-98
 Drilling Method 7-7/8" Rotary Wash Depth 100 ft.
 Logged by DHP Elevation _____

Laboratory Data

MW-4A

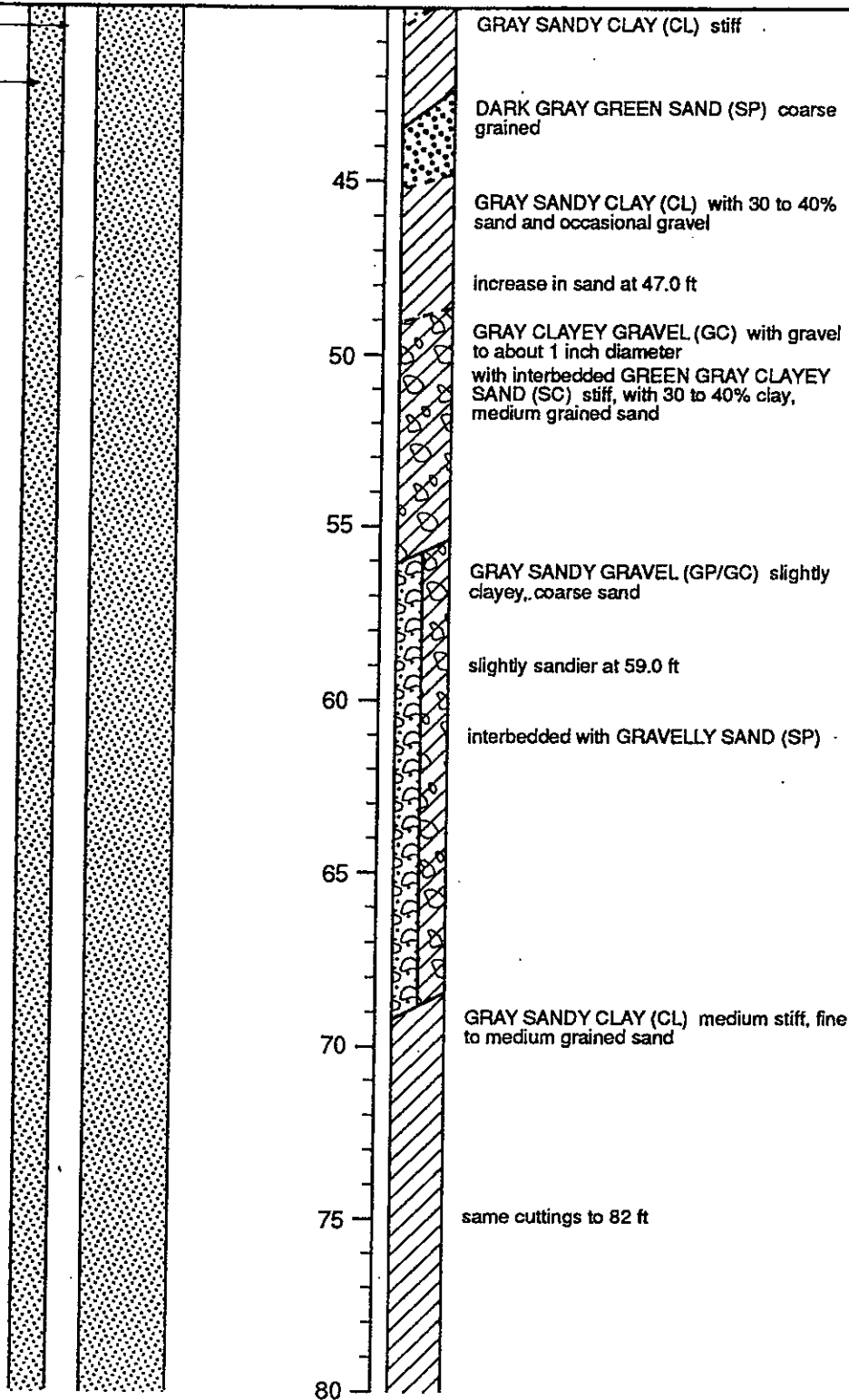
Lonestar #3 sandpack,
20.0 to 100.0 ft

(N) Blows /ft.*

Depth Feet

Graphic Log

Description



Log of Boring MW-4A and B, cont.

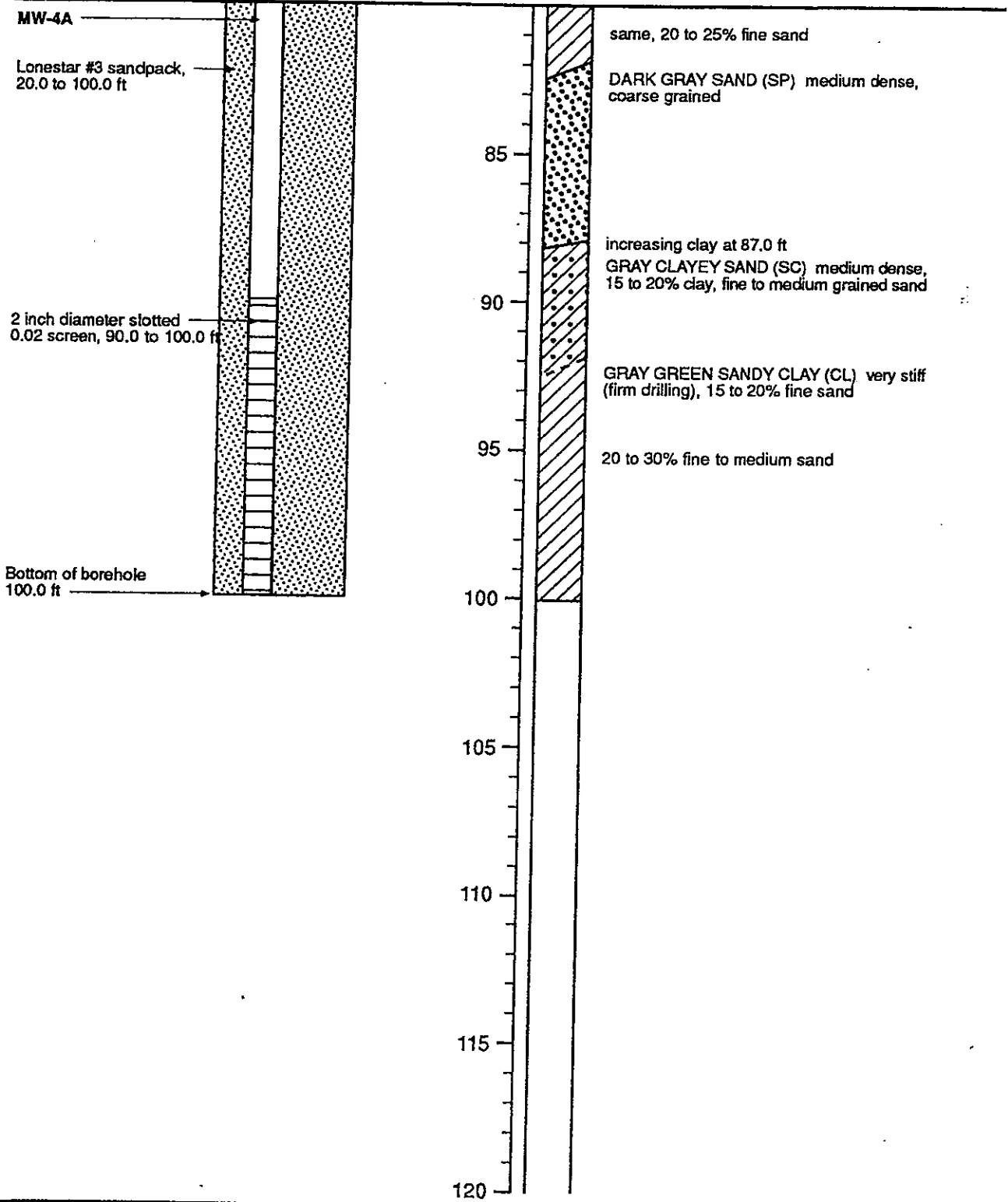
Job Number 108.07.01 Date Completed 6-1-98
 Drilling Method 7-7/8" Rotary Wash Depth 100 ft
 Logged by DHP Elevation _____
 Description

Laboratory Data

(N) Blows /ft.*

Depth Feet

Graphic Log



MAJOR DIVISIONS			TYPICAL NAMES	
COARSE-GRAINED SOILS MORE THAN HALF IS COARSER THAN NO. 200 SIEVE	GRAVELS	CLEAN GRAVELS WITH LITTLE TO NO FINES	GW	WELL GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
			GP	POORLY GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
		GRAVELS WITH OVER 12% FINES	GM	SILTY GRAVELS, SILTY GRAVELS WITH SAND
			GC	CLAYEY GRAVELS, CLAYEY GRAVELS WITH SAND
	SANDS	CLEAN SANDS WITH LITTLE OR NO FINES	SW	WELL GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
			SP	POORLY GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
		SANDS WITH OVER 12% FINES	SM	SILTY SANDS WITH OR WITHOUT GRAVEL
			SC	CLAYEY SANDS WITH OR WITHOUT GRAVEL
FINE-GRAINED SOILS MORE THAN HALF IS FINER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT 50% OR LESS	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTS WITH SANDS AND GRAVELS	
		CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, CLAYS WITH SANDS AND GRAVELS, LEAN CLAYS	
		OL	ORGANIC SILTS OR CLAYS WITH LOW PLASTICITY	
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50%	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS, FINE SANDY OR SILTY SOILS, ELASTIC SILTS	
		CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS	
		OH	ORGANIC SILTS OR CLAYS OF MEDIUM TO HIGH PLASTICITY	
HIGHLY ORGANIC SOILS		Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS	

UNIFIED SOIL CLASSIFICATION - ASTM D2487-85

Perm	- Permeability	Shear Strength (psf)	Confining Pressure
Consol	- Consolidation	TxUU 3200 (2600) - Unconsolidated Undrained Triaxial Shear (FM) or (S)	
LL	- Liquid Limit (%)	TxCU 3200 (2600) - Consolidated Undrained Triaxial Shear (P)	
PI	- Plastic Index (%)	TxCD 3200 (2600) - Consolidated Drained Triaxial Shear	
G _s	- Specific Gravity	SSCU 3200 (2600) - Simple Shear Consolidated Undrained (P)	
MA	- Particle Size Analysis	SSCD 3200 (2600) - Simple Shear Consolidated Drained	
■	- "Undisturbed" Sample	DSCD 2700 (2000) - Consolidated Drained Direct Shear	
⊠	- Bulk or Classification Sample	UC 470 - Unconfined Compression	
		LVS 700 - Laboratory Vane Shear	

KEY TO TEST DATA

Soil Classification Chart
and Key to Test Data
Hidden Valley Lake CSD
Lake County, California

PLATE

3

GRANGE ROAD WELL LOGS

(GR 1, GR 2, GR 3)

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

WELL DATA (1) Place and Owner Stonehouse Mutual Water Company

(2) Source of Information Larry Menzio, Superintendent

Collected by A. Dinos Date September 1, 1981

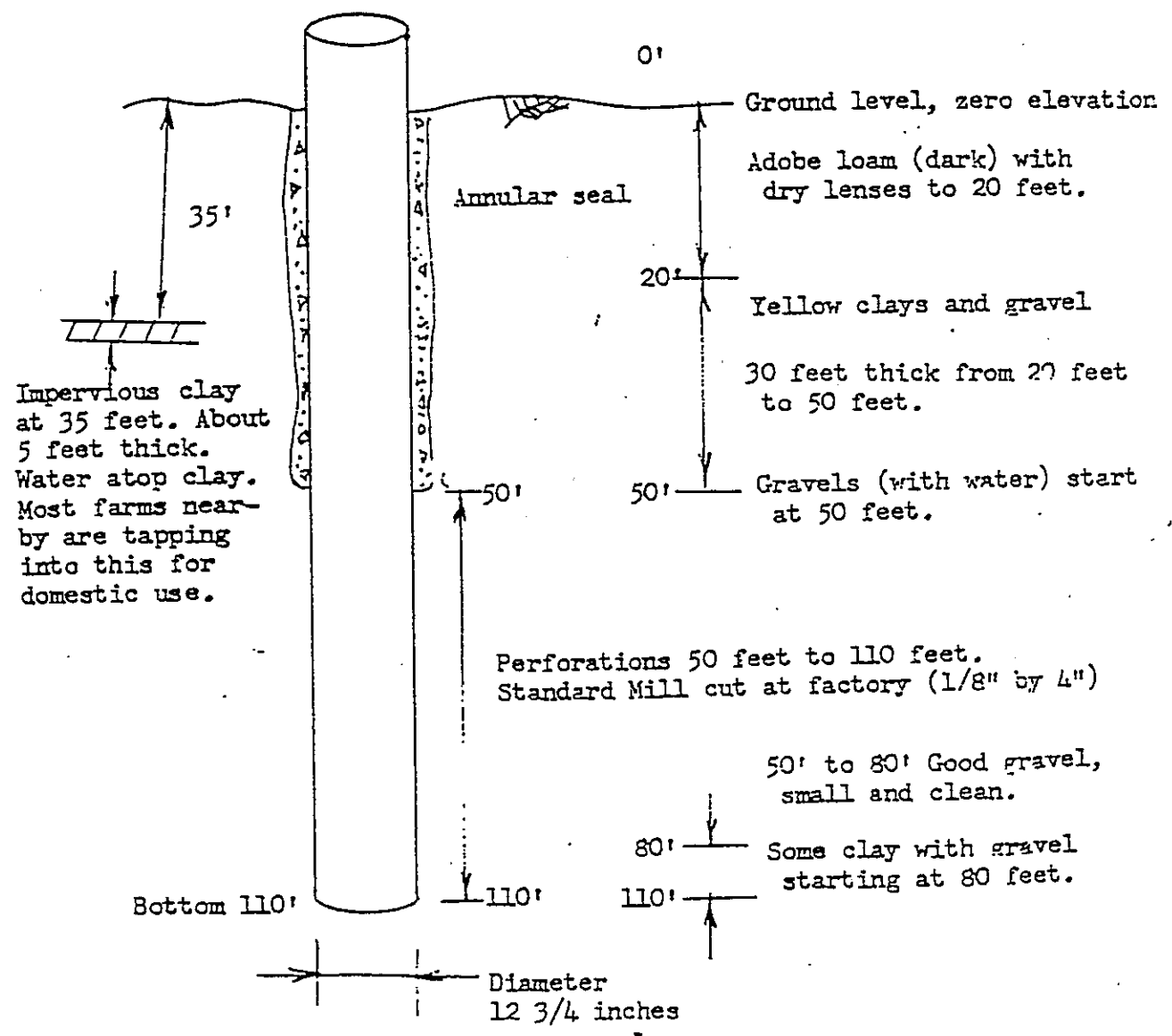
(3) Number or Name	Grange Road Well	
Date drilled	June 14, 1976	
(4) Location: Neighborhood	Northwest corner of a vineyard	
Size of lot	Multi-acred	
Distance to: Sewer	$\frac{1}{4}$ mile	
Sewage disposal	Ranch house septic system $\frac{1}{2}$ mile away	
Abandoned well	None	
Nearest property line	50 feet	
(5) Housing: Type	Wooden housing (3 sided)	
Condition	New	
Pit depth (if any)	None	
Floor (material)	Pedestal only, no floor	
Drainage	Natural, away, and minimal	
(6) Well Depth	112 feet	
(7) Casing: Depth	112 feet	
Diameter	12 $\frac{3}{4}$ inches	
Kind	Steel	
Height above floor	1 foot	
Distance to highest perforations	50 feet	
Surface sealed (yes or no)	Yes	
Gravel pack (yes or no)	No	
Second casing depth	None	
Second casing diameter	None	
Annular seal (depth)	Yes, to 50 feet	
(8) Impervious Strata: Penetrated	Thickness	5 feet (water atop the clay layer)
	Depth to	35 feet
(9) Water Levels: Depth to	Surface	35 feet (See above)
	Static	29 feet
	When pumping	6-inch drawdown at 300 GPM; or, 29 feet.
(10) Pump: Make	National	
Type	Deep well turbine	
Capacity, g.p.m.	500 GPM	
Lubrication	Oil	
Power	PGE 230/460 volts	
Auxiliary power	None	
Control	Automatic (clearwell tank level)	
Discharge location	above ground	
Discharge to	Water treatment plant $\frac{1}{2}$ miles away (mostly 8-inch pipe)	
(11) Frequency of Use	Daily	
(12) Flood Hazard	Minimal	
(13) Remarks and Defects	Driller: Lovisone of Lower Lake (Tele: 707 904-2612). Note: Dinos and Menzio interviewed Lovisone who was	

Well # 1 file

Grange Road Well Details and Geology.

Described verbally by the driller Lovisone in the field September 1, 1981 to Dinos and Menzio.

Lovisone was drilling another well on another property near the vineyard where the Grange Road Well is located.



Note: No scale.
No proportion.

TE
COPY

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

GR-2

Do not fill in

No. 177233

State Well No. _____

Other Well No. _____

DR: Name Stonehouse Mutual Water Co.
William Hamann, P. O. Box 471
Letourneau, CA Zip 95461

(12) WELL LOG: Total depth 292 ft. Depth of completed well 20 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	7	Topsoil
7	22	Conglomerate boulders and gravel
22	51	Conglomerate boulders, cobbles, and gravel
51	58	Conglomerate gravels, cobbles & traces of brown clay
58	74	Gravels and cobbles
74	113	Conglomerate boulders, cobbles, and gravels
113	117	Brown clay
117	150	Brown sandy clay with cemented gravel
150	160	Brown clay
160	178	Brown sandy clay with streaks of gravel
178	184	Brown clay & cemented boulders
184	192	Brown clay
192	205	Brown clay with streaks of gravel
205	208	Brown clay
208	219	Brown clay with seams of cemented gravel
219	248	Blue clay with layers of cemented gravel
248	260	Brown clay
260	263	Blue clay
263	265	Streaks of small blue gravel
265	282	Blue clay with streaks of cemented gravel
282	292	Cemented conglomerate

LOCATION OF WELL (See instructions):
Owner's Well Number #2
different from above Grange Road
Letourneau Range _____ Section _____
cities, roads, railroads, fences, etc. _____

RECEIVED
MAR - 7 1991
MES C. HANSON

(3) TYPE OF WORK:
New Well Deepening
Reconstruction
Reconditioning
Horizontal Well
Destruction (Describe destruction materials and procedures in item 12)
(4) PROPOSED USE:
Domestic
Irrigation
Industrial
Tee Well
Stock
Municipal
Other

WELL LOCATION SKETCH
EQUIPMENT:
Reverse
Air
Bucket

(6) GRAVEL PACK: Monterey sand
Yes No Size 8 x 16
Diameter of bore 12 1/2 - 18"
Packed from 53 to 120 ft.

(8) PENETRATIONS:
Type of penetration Beston 1000 Super Flo

To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
120	12 3/4	250	70	115	.050

(8) PENETRATIONS:
Type of penetration Beston 1000 Super Flo

SEAL:
Sanitary seal provided? Yes No If yes, to depth 53 ft.
Sealed against pollution? Yes No Interval _____ ft.
Sealing Sand grout on pack

WATER LEVELS:
Water level, if known _____ ft.
Level after well completion 22 ft.

TESTS:
Test made? Yes No If yes, by whom? To be tested
Pump Bailor Air lift
At start of test 23 ft. At end of test 70 ft.
2 gal/min after 4 hours Water temperature Cool
Analysis made? Yes No If yes, by whom?
Log made? Yes No If yes, attach copy to this report

Work started 5/11 1985 Completed 5/15 1985

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Gerald C. Thompson, By: Ward Thompson
(Well Driller)

NAME WEEKS DRILLING AND PUMP COMPANY
(Person, firm, or corporation) (Typed or printed)

Address P. O. Box 176

City Sebastopol, CA Zip 95472
License No. C57-177681 Date of this report May 28, 1985

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in
GR-3
File
Stonehouse

No. 375939

WELL #3

State Well No. _____
Other Well No. _____

No. _____
or Date WE 561

DRILLER: Name Stonehouse Mutual Water Company
Winzler & Kelly, 495 Tesconi Circle
Santa Rosa, CA ZIP 95401

LOCATION OF WELL (See instructions): 14-270-66
Lake _____ Owner's Well Number _____
if different from above 18963 Grange Road
Middletown Range _____ Section _____
from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 205 ft Completed depth 180 ft

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	10	Brown sandy clay & sandy gravel with cobbles
10	115	Sandy gravel with conglomerate and boulders
115	120	Sand & gravel with conglomerate and boulders, small amounts of silty clay & sandy clay
120	165	Sandy & gravel with conglomerate and boulders
165	170	Conglomerate sand & gravel with boulders
170	180	Conglomerate brown clay with embedded rock
190	198	Brown clay
198	205	Tan sandy clay

(3) TYPE OF WORK:
New Well Deepening
Reconstruction
Reconditioning
Horizontal Well
Destruction (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:
Domestic
Irrigation
Industrial
Test Well
Municipal
Other Public
(Describe) Public

WELL LOCATION SKETCH

EQUIPMENT:
Pump Reverse
Air
Bucket

(6) GRAVEL PACK:
Yes No Size 1/2" x 3/4"
Diameter of bore 12" x 3/4"
Packed from 50 to 180

SCREENING INSTALLED:
Plastic Concrete

(8) PERFORATIONS:
Type of perforation of size of screen

To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
180	12 3/4	025	80	198	.070

WELL SEAL:
Surface sanitary seal provided? Yes No If yes, to depth 50 ft
Grout sealed against pollution? Yes No Interval _____ ft
Type of sealing Sand Grout On Pack

WATER LEVELS:
Depth of first water, if known _____ ft
Water level after well completion 29 ft

WELL TESTS:
Flow test made? Yes No If yes, by whom? Weeks
Pump Bailor Air lift
Flow rate at start of test 29 ft At end of test 123 ft
Discharge 100 gal/min after 6 hours Water temperature 67°
Chemical analysis made? Yes No If yes, by whom?
Electric log made Yes No If yes, attach copy to this report

Work started 10-9-1991 Completed 10-22-1991

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Signed Ward Thompson (Well Driller)

NAME WEEKS DRILLING & PUMP CO.
(Person, firm, or corporation) (Typed or printed)
Address BOB 176
City Sebastopol, CA ZIP 95473
License No. CS7-177681 Date of this report 11-14-91

RECEIVED
APR 23 1992
JAMES G. HANSON

DRILLER'S PUBLIC USE CODE SEC 13752

** 500 G.P.M. At 80' **

TREATMENT PLANT MONITORING WELL LOGS
(TP 1, TP 2, TP 3)

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

TP-1

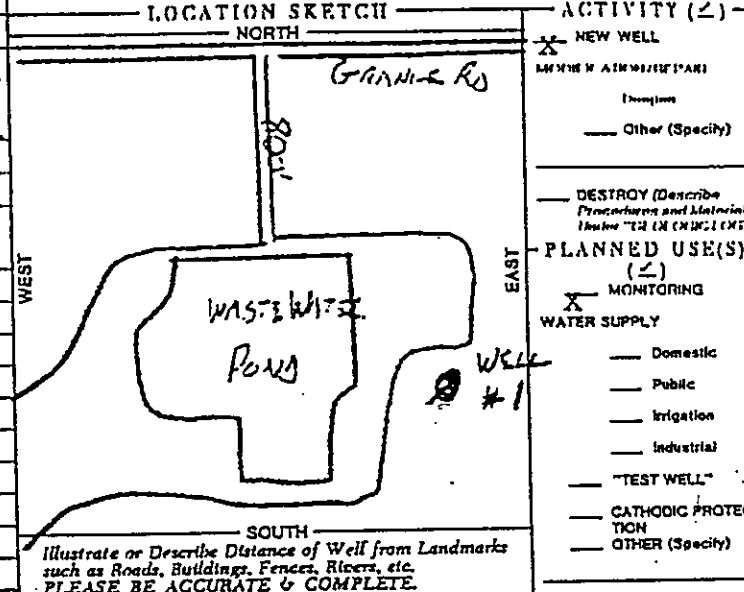
of 1
 Well No. 1
 Work Began 10/24/94, Ended 10/28/94
 Permit Agency Lake County Public Health Dept.
 Permit No. WE 1101 Permit Date 08/04/94
 GEOLOGIC LOG

STATE WELL NO./STATION NO.
 LATTITUDE
 LONGITUDE
 APN/TRS/OTHER

DEPTH FROM SURFACE	DEPTH TO FIRST WATER (FL) BELOW SURFACE	DESCRIPTION
to Ft.		Describe material, grain size, color, etc.
0	1	Topsoil
1	3	Silty dark brown clay
3	4	Brown clays with sands and gravels
4	6	Sand and gravels
6	10	Silty light brown clays
10	15	Sand and gravel
15	20	Sand and gravel with brown clays
20	26	Sandy brown clays with embedded gravels
26	36	Sand and gravel with brown clays
36	40	Cemented sand and gravels with some clays
40	52	Fractured volcanic rock with some brown clays

Name Hidden Valley Lake C.S.D.
 Mailing Address c/o F & H Const., P.O. Box 55245
Stockton WELL LOCATION CA STATE 95213

Address 18896 Grange Road
 City Middletown, CA
 County Lake
 APN Book 014 Page 270 Parcel 10
 Township _____ Range _____ Section _____
 Latitude _____ Longitude _____



DRILLING METHOD Mud Rotary FLUID Bentonite
 WATER LEVEL & YIELD OF COMPLETED WELL
 DEPTH OF STATIC WATER LEVEL 23.9 (Fl.) & DATE MEASURED 10/28/94
 ESTIMATED YIELD 2 (GPM) & TEST TYPE Pump
 TEST LENGTH 2 (hrs.) TOTAL DRAWDOWN 24 (Fl.)
 * May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)					
		TYPE (Z)	MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	
0	30	8 3/4 X	F 480 PVC	4"	CL200		
30	50	8 3/4 X	F 480 PVC	4"	CL200	.020	

DEPTH FROM SURFACE	ANNULAR MATERIAL			
	CE-MENT (Z)	BEN-TONITE (Z)	FILL (Z)	FILTER PACK (TYPE/SIZE)
0	22.5	X		
22.5	52		X	#3 sand

- ATTACHMENTS (Z)
- Geologic Log
 - Well Construction Diagram
 - Geophysical Log(s)
 - Soil/Water Chemical Analyses
 - Other _____

CERTIFICATION STATEMENT
 I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
 NAME WEEKS DRILLING AND PUMP COMPANY by Ward Thompson
 ADDRESS P.O. Box 176 Sebastopol CA 95473
 Signed [Signature] DATE SIGNED 10/31/94 C-57 LICENSE NUMBER 177681

Owner's Copy

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

Page 1 of 1

Owner's Well No. 3

No. 415772

Date Work Began Oct. 24, 1994 Ended Oct 28, 1994

Local Permit Agency Lake County Public Health Department

Permit No. WE 1183-M Permit Date 08/04/94

STATE WELL NO./STATION NO.

LATITUDE

LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

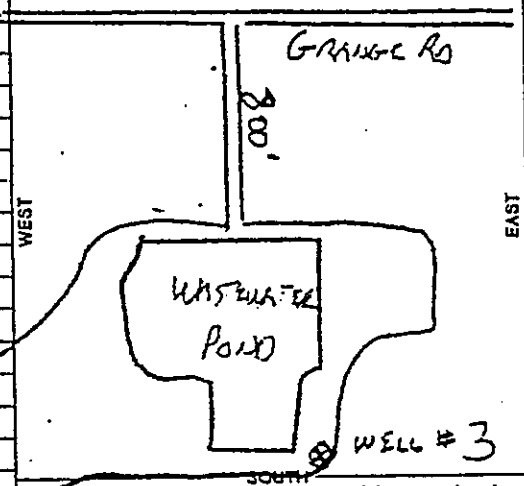
WELL OWNER

DEPTH FROM SURFACE		DESCRIPTION
FL.	to FL.	
0	1	Top soil
1	3	Silty brown clay
3	12	Sand and gravel
12	13	Multi-colored volcanics with brown clays
13	19	Fractured gray rock with some clays
19	37	Extremely hard gray rock with some gray clays
37	44	Extremely hard multi-colored volcanic rock with some clays
44	46	Gray clay and gray rock
46	52	Gray clay with embedded gray rock

Name HIDDEN VALLEY LAKE C.S.D.
 Mailing Address c/o F & H Const., P.O. 55245
Stockton WELL LOCATION STATE 95205

Address 18896 Grange Road
 City Middletown, CA
 County Lake
 APN Book 014 Page 280 Parcel 19
 Township _____ Range _____ Section _____
 Latitude _____ NORTH Longitude _____ WEST

LOCATION SKETCH NORTH



- ACTIVITY ()
- NEW WELL
 - MODIFICATION/REPAIR
 - Deepen
 - Other (Specify)
 - DESTROY (Describe Prohibitions and Material Under "GEOLOGIC LOG")
 - PLANNED USE(S) ()
 - MONITORING
 - WATER SUPPLY
 - Domestic
 - Public
 - Irrigation
 - Industrial
 - "TEST WELL"
 - CATHODIC PROTECTION
 - OTHER (Specify)

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

DRILLING METHOD MUD ROTARY FLUID Bentonite

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 10.2 (Fl.) & DATE MEASURED 10/23/94

ESTIMATED YIELD 6 (GPM) & TEST TYPE Pump

TEST LENGTH 2 (Hrs.) TOTAL DRAWDOWN 37 (Fl.)

* May not be representative of a well's long-term yield.

TOTAL DEPTH OF BORING 52 (Feet)

TOTAL DEPTH OF COMPLETED WELL 50 (Feet)

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)						ANNULAR MATERIAL						
		FL.	to FL.	TYPE ()	MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	FL.	to FL.	CEMENT ()	BENTONITE ()	FILL ()	FILTER PACK (TYPE/SIZE)
0	14	8 3/4	X		F-480 PVC	4"	CL200		0	10	X			
14	50	8 3/4	X		F-480 PVC	4"	CL200	.020	10	52			X	#3 sand

- ATTACHMENTS ()
- Geologic Log
 - Well Construction Diagram
 - Geophysical Log(s)
 - Soil/Water Chemical Analyses
 - Other
- ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME WEEKS DRILLING AND PUMP COMPANY by Ward Thompson
 (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS P.O. Box 176 Sebastopol CA 95473

Signed [Signature] DATE SIGNED 10/31/94 177001 GSI CASE NUMBER

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

Copy 1 of 1

Well No. 2 No. 415771
 Work Began 10/24/94 Ended 10/28/94
 Local Permit Agency Lake County Public Health Department
 Permit No. WE 1102-M Permit Date 8/4/94

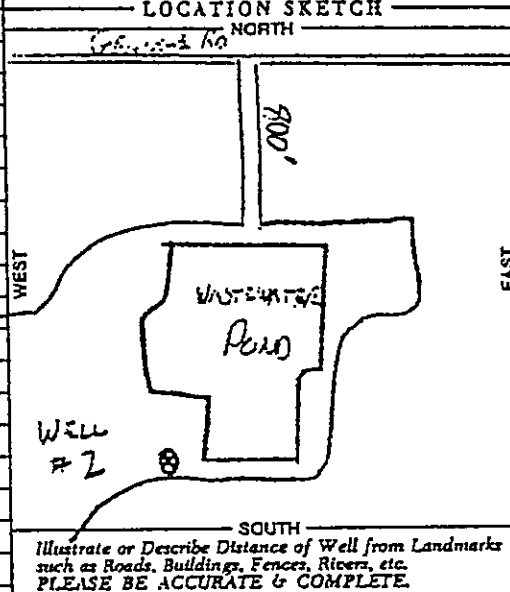
STATE WELL NO./STATION NO. _____
 LATITUDE _____ LONGITUDE _____
 APN/TRS/OTHER _____

GEOLOGIC LOG

DEPTH FROM SURFACE		DESCRIPTION
FL.	to FL.	
0	1	Top soil
1	9	Stiff brown clays with embedded rock
9	12	Volcanic conglomerate with brown clays
12	19	Fractured gray rock
19	25	Fractured gray rock with some gray clays
25	52	Gray clay with fractured gray rock

WELL OWNER

Name HIDDEN VALLEY LAKE C.S.D.
 Mailing Address c/o F & H Const., P.O. Box 55245
Stockton CA 95205
 CITY STATE ZIP
 WELL LOCATION
 Address 18896 Grange Road
 City Middletown, CA
 County LAKE
 APN Book 014 Page 280 Parcel 19
 Township _____ Range _____ Section _____
 Latitude _____ NORTH Longitude _____ WEST
 DEG. MIN. SEC. DEG. MIN. SEC.



ACTIVITY (✓)
 NEW WELL
 MODIFICATION/REPAIR
 Deepen
 Other (Specify) _____
 DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
 PLANNED USE(S) (✓)
 MONITORING
 WATER SUPPLY
 Domestic
 Public
 Irrigation
 Industrial
 "TEST WELL"
 CATHODIC PROTECTION
 OTHER (Specify) _____

DRILLING METHOD MUD ROTARY FLUID Bentonite
 WATER LEVEL & YIELD OF COMPLETED WELL
 DEPTH OF STATIC WATER LEVEL 11.5 (FL) & DATE MEASURED 10/28/94
 ESTIMATED YIELD 3.5 (GPM) & TEST TYPE Pump
 TEST LENGTH 2 (Hrs.) TOTAL DRAWDOWN 36 (FL)
 * May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)						DEPTH FROM SURFACE	ANNULAR MATERIAL				
		TYPE (✓)				MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)		GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE		
FL.	to FL.	BLANK	SCREEN	COIN	DOUBLE			FILL PIPE			FL.	to FL.	CE-MENT (✓)
0	14	8 3/4	X				F-480 PVC	4"	CL200				
14	50	8 3/4	X				F-480 PVC	4"	CL200	.020		X	#3 Sand

ATTACHMENTS (✓)
 Geologic Log
 Well Construction Diagram
 Geophysical Log(s)
 Soil/Water Chemical Analyses
 Other _____

CERTIFICATION STATEMENT
 I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
 NAME WEEKS DRILLING AND PUMP COMPANY by Ward Thompson
 (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
P.O. Box 176 Sebastopol CA 95473
 ADDRESS CITY STATE ZIP
 Signed Ward Thompson 10/31/94 177681
 WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

GOLF COURSE 18TH TEE MONITORING WELL LOG

(MW 4)

ORIGINAL with DWR

WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

Do Not Fill In

THE RESOURCES AGENCY OF CALIFORNIA

DEPARTMENT OF WATER RESOURCES

No 20869

State Well No.

Other Well No. 11N/6W-20

30x607
50 Bluff, Cal 96080

OWNER:
Name Hidden Valley Lake
Address 1100 E. Rock, Calif 95461

(11) WELL LOG:
Total depth _____ ft. Depth of completed well _____ ft.

LOCATION OF WELL:
Name LAKE Owner's number, if any _____
Municipality, Range, and Section _____
Distance from cities, roads, railroads, etc. _____

Formation: Describe by color, character, size of material and structure
0 to 20' Brown top Soil
10 to 30' Brown Clay with HEAVY ROCK
30 to 100' Blue with BLUE ROCK

TYPE OF WORK (check):
New Well Deepening Reconditioning Destroying
Instruction, describe material and procedure in Item 11.

PROPOSED USE (check):
Domestic Industrial Municipal
Investigation Test Well Other
(5) EQUIPMENT:
Rotary
Cable
Other

CASING INSTALLED:

STEEL:		OTHER:		If gravel packed	
From ft.	To ft.	Diam.	Gage or Wall	From ft.	To ft.
	110	12 3/4	250		

Size of those or well ring 10 3/4 x 1/2 x 44 Size of gravel: 1/2" WELD

CONFIDENTIAL LOG
Water Code Sec. 13752

PERFORATIONS OR SCREEN:

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
30'	95'			1/2"

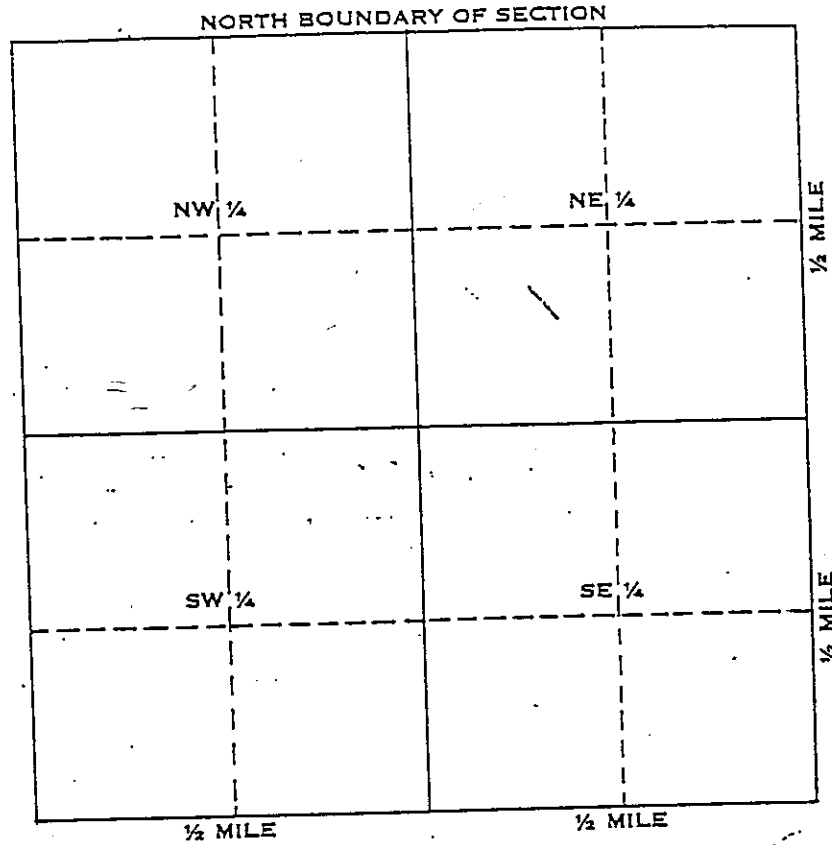
CONSTRUCTION:
Is a surface sanitary seal provided? Yes No To what depth _____ ft.
Were any struts sealed against pollution? Yes No If yes, note depth of struts _____ ft. to _____ ft.

Work started 6-4-73 Completed 6-12-73

WATER LEVELS:
Depth at which water was first found, if known _____ ft. 30
Static level before perforating, if known _____ ft. 30
Static level after perforating and developing _____ ft. 30
WELL TESTS:
Pump test made? Yes No If yes, by whom? _____
Is _____ gal./min. with _____ ft. drawdown after _____ hrs.
Temperature of water _____ Was a chemical analysis made? Yes No
Electric log made of well? Yes No If yes, attach copy

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME EUGENE HOUSON
(Person, firm, or corporation) (Typed or printed)
Address PO BOX 65
Hidden Valley Lake
(Typed or printed)
[SIGNED] Eugene Houson
(Typed or printed)
License No. 198290 Dated 6-18-73

WE: LOCATION SKETCH

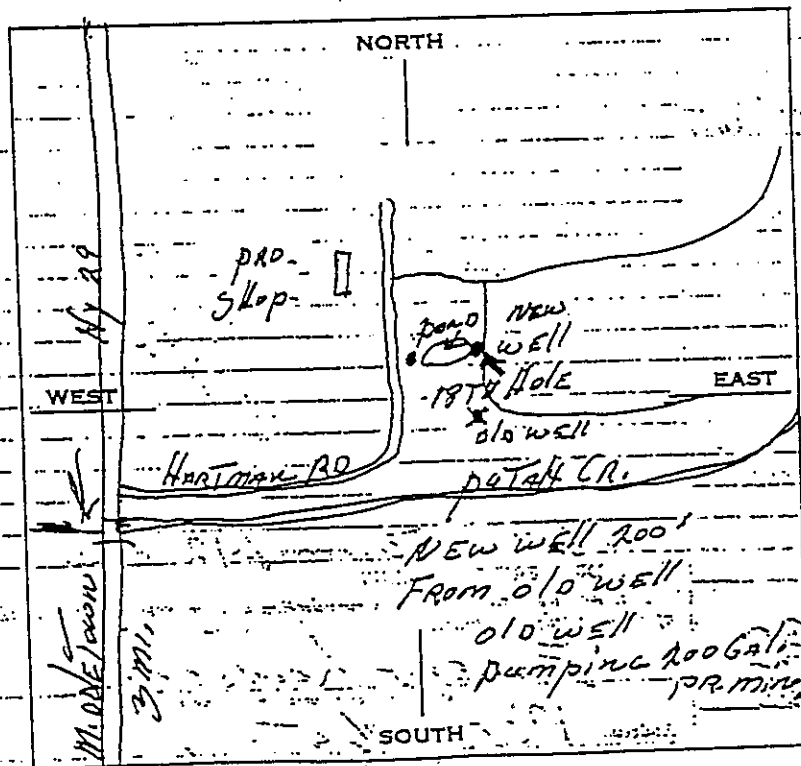


Township _____

Range _____

Section No. _____

A. Location of well in sectionized areas.
Sketch roads, railroads, streams, or other features as necessary.



B. Location of well in areas not sectionized.
Sketch roads, railroads, streams, or other features as necessary.
Indicate distances.

DEDICATED MONITORING WELLS

GEOTECHNICAL REPORT

(MW 1, MW 2, MW 3)



TRANS TECH CONSULTANTS

ENVIRONMENTAL AND GEOTECHNICAL SERVICES

October 15, 1996
Job No. 4071.01.01

Mr. Robert Wagner
James C. Hanson Consulting Civil Engineer
444 N. Third, Suite 400
Sacramento, California 95814

Summary of Field Activities
Monitoring Well Installations
Hidden Valley Lake CSD
Lake County, California

Dear Mr. Wagner:

This letter describes the field investigation activities and transmits the logs for the installation of monitoring wells at three locations for the Hidden Valley Lake Community Services District (CSD), Lake County, California. The well locations are indicated on the attached Location Map, Plate 1. Our scope of services consisted of logging the subsurface conditions encountered during drilling of the borings, providing guidelines for construction of the wells, and summarizing our findings in this letter.

FIELD ACTIVITIES

Prior to the field work, we reviewed published geologic maps for the site and vicinity and a January 6, 1993 report *Geology and Ground Water in Coyote Valley* by Charles Van Alstine, Geological/Geotechnical Engineer. From September 3 to 11, 1996, our engineering geologist observed the drilling of wells MW-1A and B, MW-2A and B, and MW-3A and B by Weeks Drilling of Santa Rosa, California. The borings were drilled to depths ranging from 82 and 100 feet, using a truck-mounted Failing 1500 rotary wash drill rig, equipped with a 6 5/8-inch diameter bit.

Our engineering geologist logged the subsurface conditions by observing the drill cuttings circulated out of the borehole. Lithologic logs of the borings are attached as Plates 2 through 4. The soils encountered were classified using the Unified Soil Classification System described on Plate 5.

At the completion of drilling, the borings were circulated with clean water (provided by the CSD) to flush out the drilling mud and monitoring wells were installed. The well completion detail for each of the wells is shown on the attached boring logs. The wells were constructed of 2.0-inch diameter Schedule 40 PVC casing with machine slotted 0.020 well screens. In each boring, two wells were completed; one screened in the bottom 5 to 10 feet of the boring (designated as well "A" on each log), and a second well screened for 5 feet near the top of the estimated water table (designated well "B"). The purpose of the dual well completion was to allow measurement of slight differences in water levels, as a possible indicator of vertical ground-water gradients. Because the rotary wash method obscures the location of the water table during drilling, the depth to water was estimated from well logs of previously drilled production wells and by comparing the elevation difference between standing water in Putah Creek and the boring locations.

The annular space around the screened interval for each well was backfilled with either Lonestar #3 or #2/12 sand. Portions of the borings between screened intervals were backfilled with clean sand or gravel cuttings generated during drilling, or clean gravel obtained from American Rock Quarry. In well MW-2A and B, a clayey sand layer was encountered from 75 to 78 feet. During well construction, a bentonite pellet seal was placed across this interval to hydraulically isolate the deeper well screen from the shallower, in the event that the clayey sand acts as a confining layer. The upper 20.6 to 27.5 feet of the borings were backfilled with a cement-bentonite grout seal using the tremie method. The grout seals were placed under the observation of Mr. Manuel Ramirez of the Lake County Department of Environmental Health. The well casings extend about 2 feet above surrounding grade and are secured within locking steel well vaults.

SUBSURFACE CONDITIONS

The borings encountered alluvium consisting predominantly of interbedded coarse sand and gravel with little or no fines (i.e., silt or clay). The gravels range in size from about 0.5 to 2 inches in diameter, although the drillers noted layers of boulders in boring MW-3A and B. Clayey sand strata were noted from a depth of 80 to 87 feet in boring MW-1A and B and from 75 to 78 feet in boring MW-2A and B. We do not have sufficient subsurface data to assess if this clayey sand stratum is continuous between the two borings. However, based on our field observations, the clayey sand appears to be moderately permeable. We consider it unlikely that the clayey sand stratum represents a confining layer between separate aquifers. Water level data from MW-2A and B will no doubt provide additional data about hydraulic connection across the clayey sand layer.

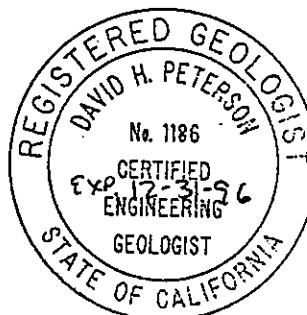
Based on the geologic conditions encountered, as well as review of well logs for the Grange Road Wellfield, it appears that ground water within the upper 100 feet of alluvium in the project area occurs within highly permeable strata and is largely unconfined, or locally semi-confined by thin layers of moderately permeable clayey sand.

I trust this provides the information you require. If you have questions about our findings, please call me at (707) 575-8622.

Very truly yours,
TRANS TECH CONSULTANTS



David H. Peterson
Engineering Geologist - 1186

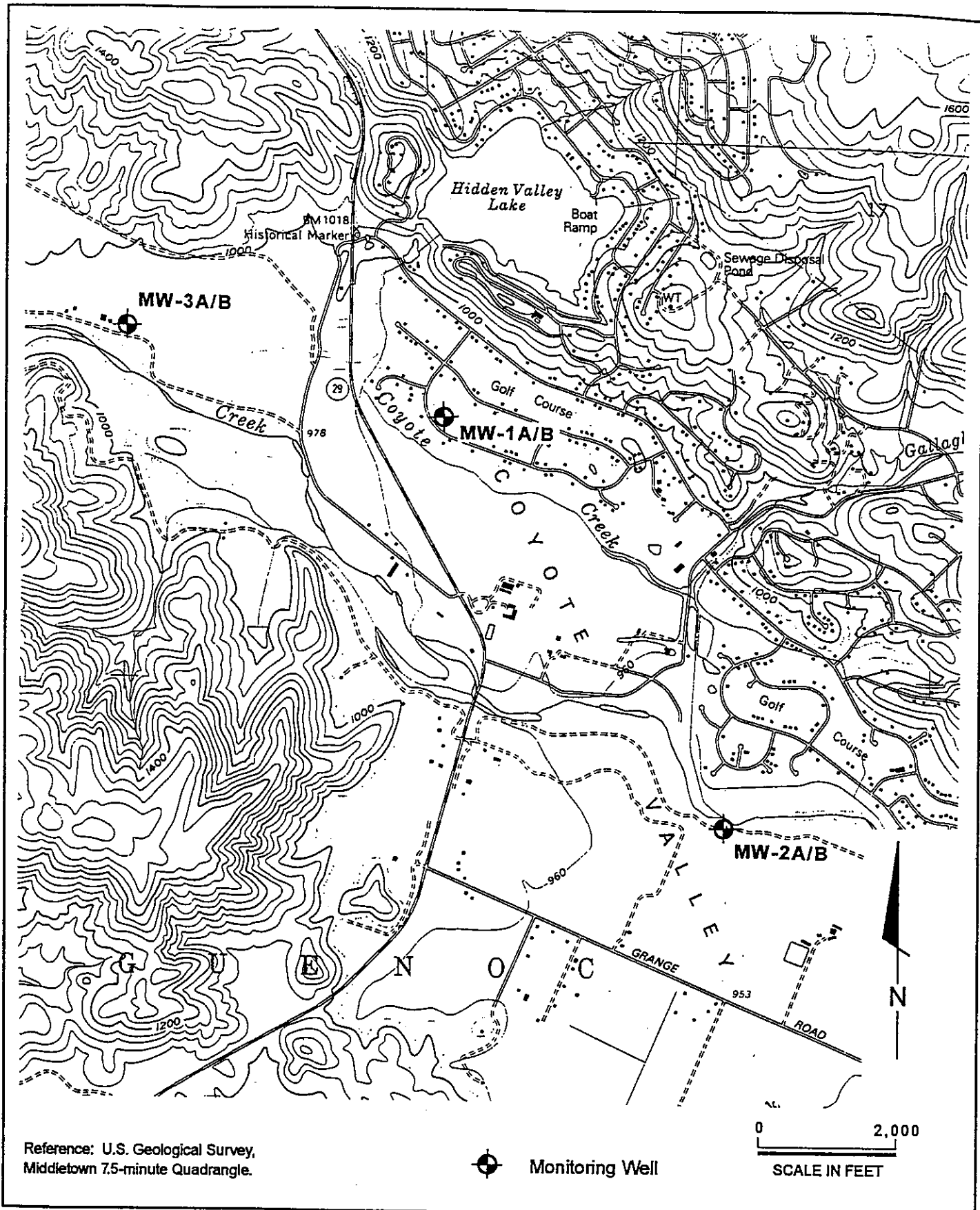


DHP\EMK:smc\01-01.lt1

Attachments: Location Map, Plate 1
Logs of Borings, Plates 2 through 4
Unified Soil Classification System, Plate 5

One original and two copies submitted





TRANS TECH CONSULTANTS
ENVIRONMENTAL AND GEOTECHNICAL SERVICES

Location Map
Hidden Valley Lake CSD
Lake County, California

PLATE

1

JOB NUMBER
4071.01.01

DRAWN
DHP

APPROVED
DHP

DATE
10/96

Log of Boring MW-1A and B

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-5-96

Well Completion Detail

Blows / ft.

Depth (ft)

Sample

Description

MW-1A
MW-1B

6-5/8 inch diameter
borehole 0 to 100 ft

2 inch diameter Sch 40
PVC Blank casing,
0 to 74.0 ft

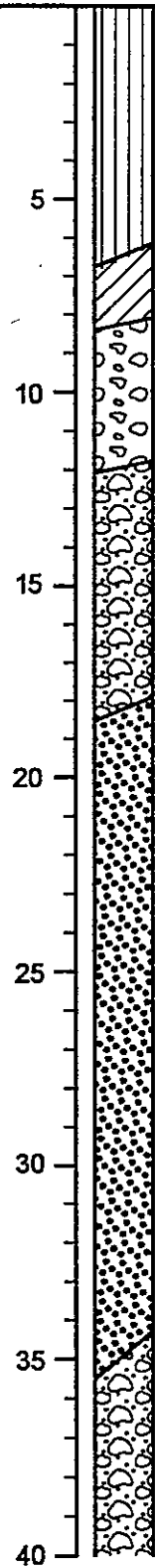
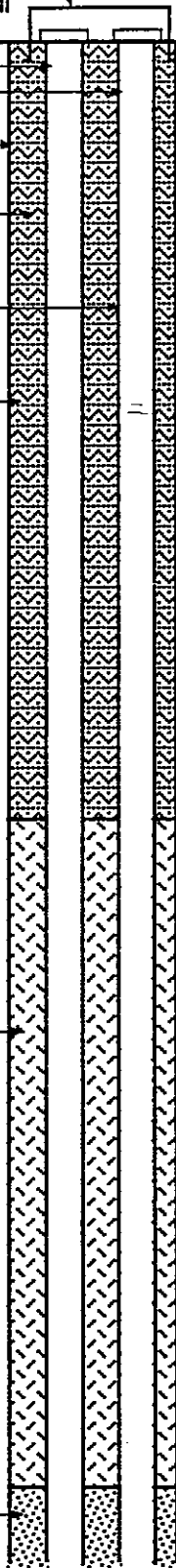
2 inch diameter Sch 40
PVC Blank casing,
0 to 40.0 ft

Bentonite - cement seal
0 to 20.6 ft

Native sand and gravel
backfill, 20.6 to 38.0 ft

Lonestar #3 sandpack,
38.0 to 46.5 ft

Locking steel
well vault



BROWN SANDY SILT (ML) stiff, moist,
with fine grained sand; slightly clayey

BROWN SANDY CLAY (CL) stiff, with fine
grained sand

BROWN CLAYEY SANDY GRAVEL (GC)
coarse sand, gravel to 2 inch diameter
(Alluvium)

GRAY BROWN SANDY GRAVEL (GP)
with 20-30% coarse sand

increasing coarse sand

GRAY GRAVELLY SAND (SP) well rounded
gravel to 0.5 inch diameter, 10-15% gravel
over 0.5 inch diameter, coarse sand

with occasional gravel interbeds

(circulation loss at 30.0 ft
loose, hole caving, coarse sand and

(continued caving)
GRAY GRAVEL (GP) well rounded, to 3 inches
diameter, minor sand



Log of Boring MW-1A and B
Hidden Valley Lake CSD
Lake County, California

PLATE

2

JOB NUMBER
4071.01.01

DRAWN
PM

APPROVED
DMP

DATE
10/96

Log of Boring MW-1A and B, cont.

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-5-96

Well Completion Detail

Blows / ft.

Depth (ft)

Sample

Description

MW-1A
MW-1B

2 inch diameter slotted
0.02 screen, 40.0 to 45.0 ft

Lonestar #3 sand,
38.0 to 46.5 ft

Native sand and gravel
backfill 46.5 to 70.5 ft

Bentonite pellet seal
70.5 to 71.0 ft

Lonestar #3 Sandpack
71.0 to 80.0 ft

2 inch diameter slotted
0.02 screen,
74.0 to 79.0 ft

Hole cleaned out to
80.0 ft

45

50

55

60

65

70

75

80

GRAY SAND (SP) loose, coarse grained,
with occasional gravel to 1 inch diameter

GRAY GRAVEL (GP) loose, well
rounded, to 2 inches diameter

GRAY SAND (SP) coarse grained

with 10-15% gravel to 1 inch diameter

medium to coarse grained sand

with gravel interbeds 1 to 3 ft thick

DARK GRAY GRAVEL (GP) with minor
coarse sand

GRAY SAND (SP) loose, coarse grained with
occasional interbedded gravel



Log of Boring MW-1A and B, continued
Hidden Valley Lake CSD
Lake County, California

PLATE
2

JOB NUMBER
4071.01.01

DRAWN
PM

APPROVED
DHP

DATE
10/96

Log of Boring MW-1A and B, cont.

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-5-96

Well Completion Detail

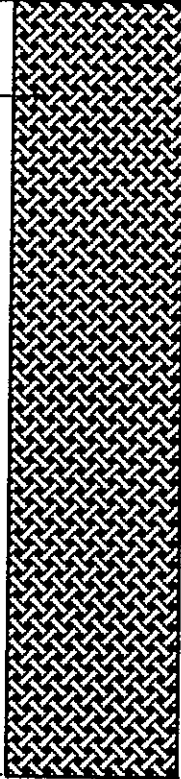
Blows / ft.

Depth (ft)

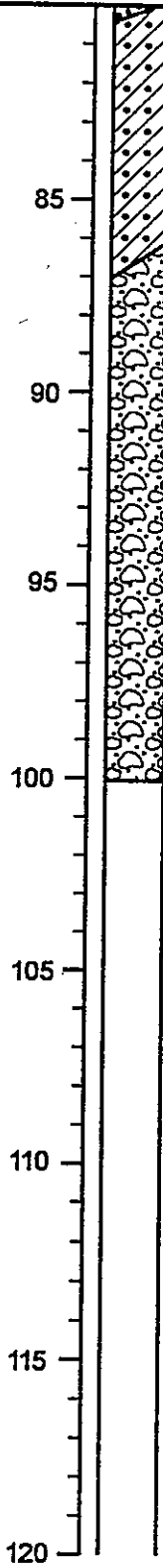
Sample

Description

Bentonite and native (caved) material



Bottom of borehole
100 ft



BROWN CLAYEY SAND (SC) medium dense, with 30-40% clay, fine to medium grained sand

GRAY GRAVEL (GP) loose to medium dense, well rounded, with gravels to 2 inch diameter, and interbedded coarse sand strata

interbedded gravel and coarse sand

Bottom of hole at 100.0 ft, caved to 80 ft

Log of Boring MW-2A and B

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-9-96

Well Completion Detail

Blows / ft.

Depth (ft)

Sample

Description

MW-2A
MW-2B

6-5/8 inch diameter borehole 0 to 100 ft

2 inch diameter Sch 40 PVC Blank casing, 0 to 86.0 ft

2 inch diameter Sch 40 PVC Blank casing, 0 to 35.0 ft

Bentonite - cement seal 0 to 27.5 ft

Bentonite pellet seal 27.5 to 30.0 ft

Lonestar #3 sandpack, 30.0 to 45.0 ft

2 inch diameter slotted 0.02 screen, 35.0 to 40.0 ft

Locking steel well vault

BROWN SANDY SILT (ML) stiff, dry, voids in upper 1 ft, fine grained sand

GRAY BROWN SANDY GRAVEL (GP) loose to medium dense, well rounded, with coarse sand (Alluvium)

increasing sand

interbedded coarse sand and gravel strata

with gravel to 2 inches diameter, well rounded

predominantly well rounded gravel, 0.5 to 2 inches diameter, with occasional interbedded coarse sand

GRAY SAND (SP) coarse gravel, no fines

GRAY GRAVEL (GP) rounded to subangular, to 2-1/2 inches diameter



Log of Boring MW-2A and B
Hidden Valley Lake CSD
Lake County, California

PLATE

3

JOB NUMBER
4071.01.01

DRAWN
PM

APPROVED
DAP

DATE
10/96

Log of Boring MW-2A and B, cont.

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-9-96

Well Completion Detail

Blows / ft.

Depth (ft)

Sample

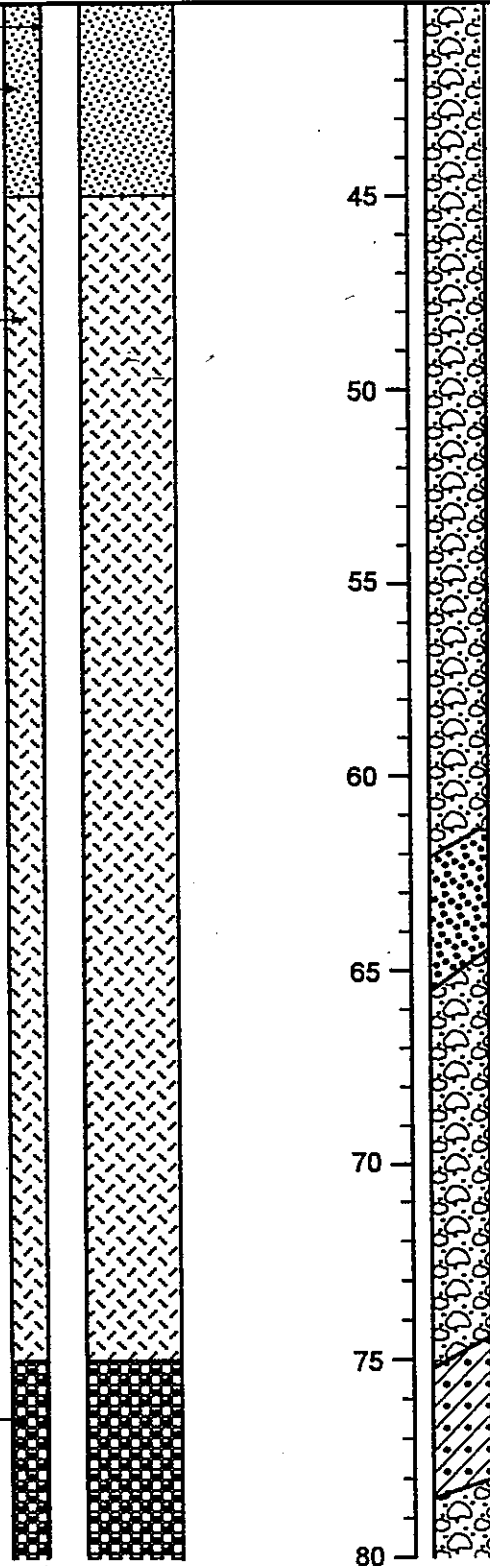
Description

MW-2A

Lonestar #3 sandpack,
30.0 to 45.0 ft

Native sand and gravel
backfill 45.0 to 75.0 ft

Bentonite pellet seal
75.0 to 81.0 ft



GRAY GRAVEL (GP) rounded to subangular, to 2-1/2 inches diameter

with sand interbeds

GRAY SAND (SP) coarse grained, with rounded gravel

GRAY GRAVEL (GP) well rounded, no fines

BROWN CLAYEY SAND (SC) medium dense, fine grained sand with 30-35% clay



Log of Boring MW-2A and B, continued
Hidden Valley Lake CSD
Lake County, California

PLATE
3

JOB NUMBER
4071.01.01

DRAWN
PM

APPROVED
DWP

DATE
10/96

Log of Boring MW-2A and B, cont.

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-9-96

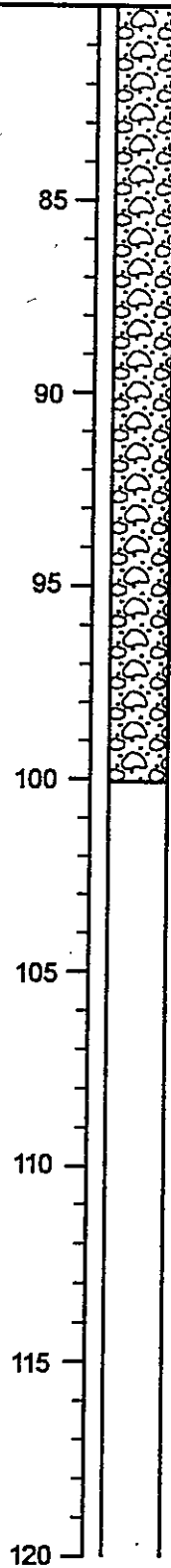
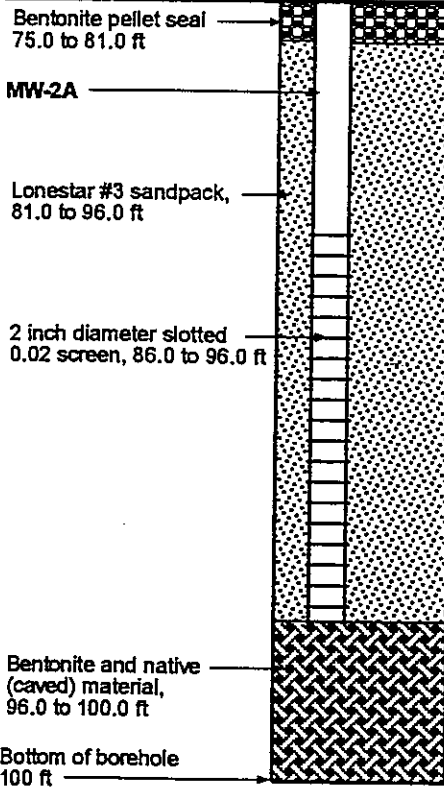
Well Completion Detail

Blows / ft.

Depth (ft)

Sample

Description



GRAY SANDY GRAVEL (GP) medium dense, rounded to subangular to 2 inches diameter, with coarse sand

with coarse sand interbeds

Bottom of hole at 100.0 ft, caved to 96.0 ft

Log of Boring MW-3A and B

Equipment Type: 6-5/8 Inch Rotary Wash

Elevation: _____ Date: 9-11-96

Well Completion Detail

MW-3A
MW-3B

6-5/8 inch diameter
borehole 0 to 82.0 ft

2 inch diameter Sch 40
PVC Blank casing,
0 to 70.0 ft

2 inch diameter Sch 40
PVC Blank casing,
0 to 30.0 ft

Bentonite - cement seal
0 to 23.0 ft

Bentonite pellet seal
23.0 to 24.0 ft

Lonestar #2/12 sandpack,
24.0 to 35.0 ft

2 inch diameter slotted
0.02 screen, 30.0 to 35.0 ft

1 inch diameter gravel
backfill, 35.0 to 67.0 ft

Blows / ft.

Depth (ft)

Sample

Description

BROWN SANDY SILT (ML) stiff, dry (Fill)

BROWN SANDY CLAY (CL) stiff, fine
grained sand

GRAY BROWN SANDY GRAVEL (GP)
well rounded gravel to 1/2 inch diameter,
15-20% coarse sand (Alluvium)

gravel size increasing to 2 inch diameter

GRAY GRAVELLY SAND (SP) coarse grained,
with 10-15% well rounded gravel

with occasional interbeds of well rounded gravel

increasing gravel from 35 ft to 38 ft



Log of Boring MW-3A and B
Hidden Valley Lake CSD
Lake County, California

PLATE

4

JOB NUMBER
4071.01.01

DRAWN
PM

APPROVED
DWP

DATE
10/96

Log of Boring MW-3A and B, cont.

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-11-96

Well Completion Detail

Blows / ft.

Depth (ft)

Sample

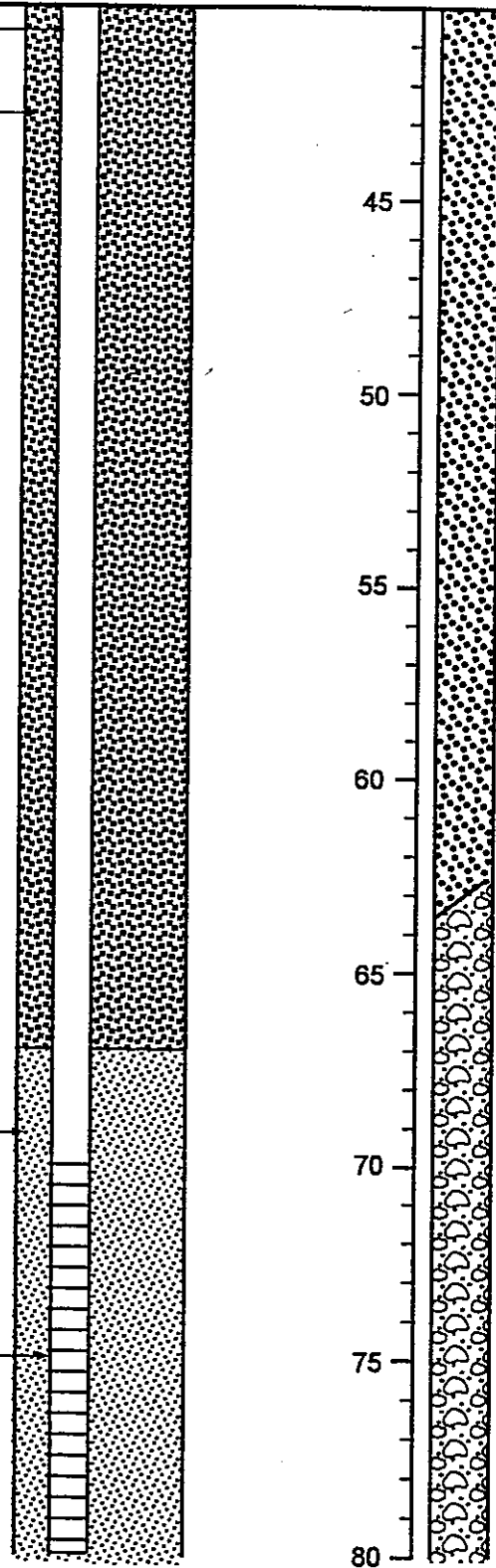
Description

MW-3A

1 inch diameter gravel backfill (American Rock Quarry), 35.0 to 67.0 ft

Lonestar #2/12 Sandpack 67.0 to 80.0 ft

2 inch diameter slotted 0.02 screen, 70.0 to 80.0 ft



coarse sand and rounded gravel, no fines

coarse sand with 20-30% gravel

decreasing gravel, mainly sand

SANDY GRAVEL (GP) subangular to well rounded to 2 inch diameter, coarse sand, no fines

(driller reports boulders at 70.0 ft)

(caving; driller reports larger gravels)

mainly well rounded gravel to 2 inch diameter, 10-15% coarse sand, no fines

(driller reports nest of boulders at 80.0 ft; hole not advancing)

Log of Boring MW-3A and B, cont.

Equipment Type: 6-5/8 inch Rotary Wash

Elevation: _____ Date: 9-11-96

Well Completion Detail

Blows / ft.

Depth (ft)

Sample

Description

Bentonite and native
(caved) material,
80.0 to 82.0 ft



boulders at 82.0 ft; Bottom of boring at 82.0 ft

85
90
95
100
105
110
115
120



Log of Boring MW-3A and B, continued PLATE
Hidden Valley Lake CSD
Lake County, California **4**

JOB NUMBER
4071.01.01

DRAWN
PM

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DWP

DATE
10/96

PLATES