

Aquifer Storage and Recovery Project
2016 Annual Accounting Report

prepared for

City of Wichita
Wichita, Kansas



April 2018

Project No. 104024



INDEX AND CERTIFICATION

Aquifer Storage and Recovery Project 2016 Accounting Report City of Wichita

Project 104024

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Certification

I hereby certify, as a Professional Engineer in the state of Kansas, that the information in the document was assembled under my direct personal charge. This report is not intended or represented to be suitable for reuse by the City of Wichita or others without specific verification or adaptation by the Engineer. This certification is made in accordance with the provisions of the laws and rules of the State of Kansas under Kansas Administrative Code.





Paul A. McCormick, P.E.
Date: APRIL 27, 2018
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LIST OF ACRONYMS

ASR.....	Aquifer Storage & Recovery
BSA.....	Basin Storage Area
cfs	cubic feet per second
DW	Diversion Well
DWR.....	Kansas Department of Agriculture, Division of Water Resources
MGD	Million Gallons per Day
RB	Recharge Basin
RRW	Recharge Recovery Well
USGS	United States Geological Survey

* * * * *

1.0 INTRODUCTION

The purpose of this report is to provide a summary of the recharge and recovery activities for the City of Wichita Aquifer Storage and Recovery (ASR) project in the *Equus* Beds aquifer during calendar year 2016 and to provide an accounting of recharge credits allocated for the year as required by the Kansas Department of Agriculture, Division of Water Resources (DWR).

1.1 BACKGROUND

Construction of Phase I of the City's ASR project was completed in 2007. Phase II was substantially complete on May 1, 2012, with final completion testing occurring in 2013. A map of the facilities is presented in Figure 1.1.

Phase I, designed to facilitate recharge of up to 10 million gallons per day (MGD), consists of three diversion wells, a surface water intake, a surface water treatment plant, 15 miles of pipeline, four recharge wells, two recharge basins and 50 monitoring wells. The Phase I recharge facilities are strategically located with the intent of reducing the hydraulic gradient to slow the advancement of the Burrton brine plume toward the Wichita well field.

Phase II, designed to facilitate recharge of up to 30 million gallons per day (MGD), consists of a surface water intake, a surface water treatment plant, approximately 19 miles of pipeline, 30 recharge wells, one recharge basin and 6 nested pairs of monitoring wells.

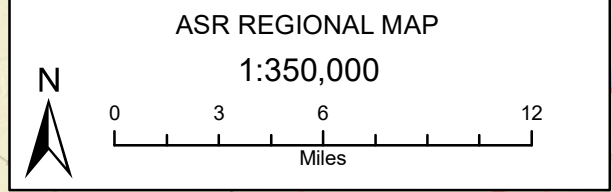
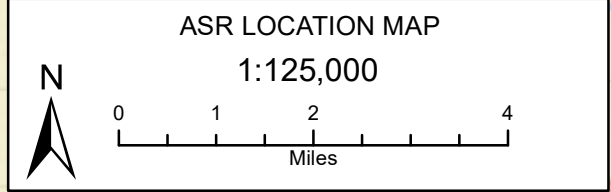
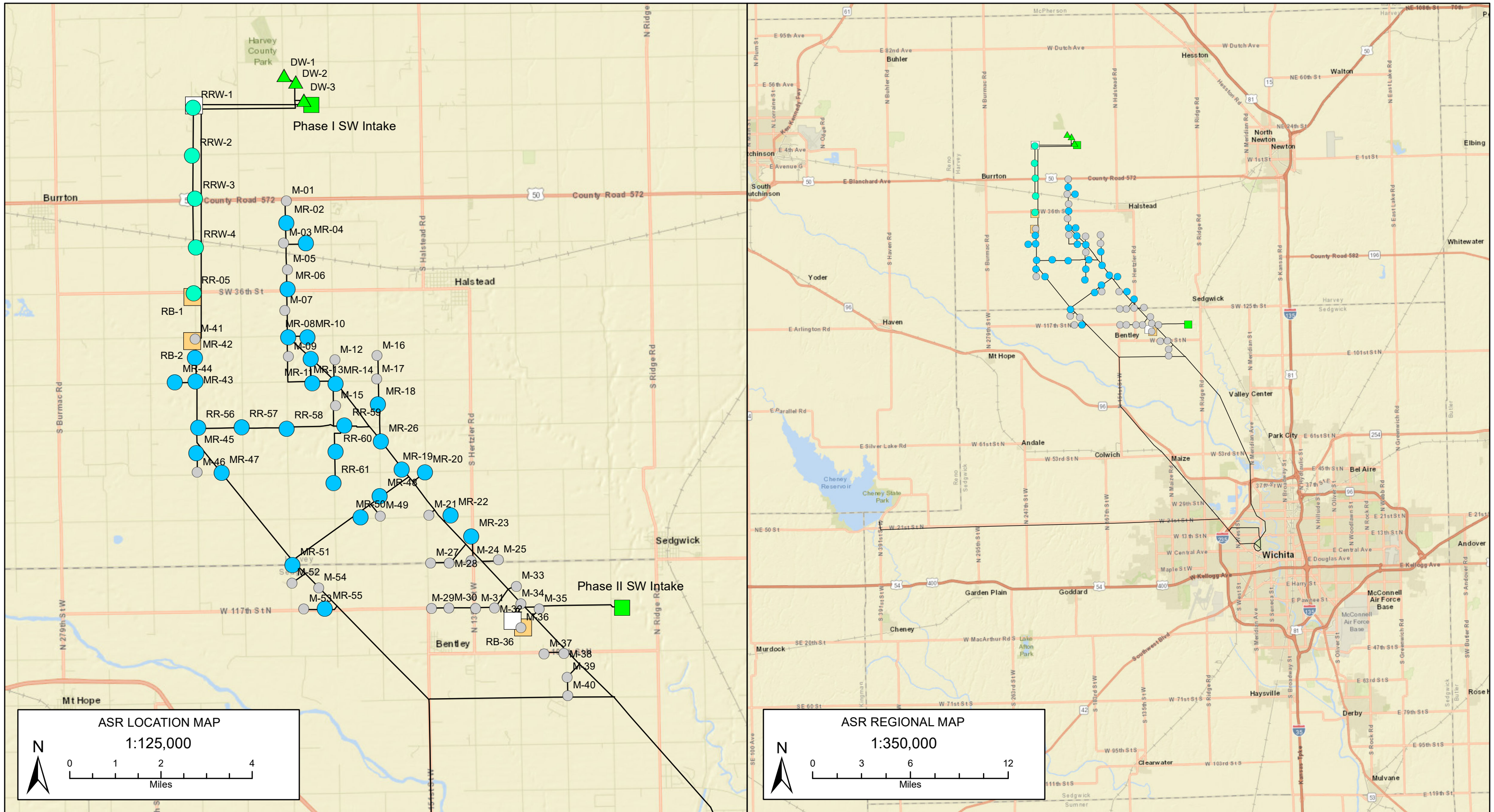
During 2016, both Phase I and Phase II facilities were operated. Diversions from the Little Arkansas River occurred using the Phase I diversion wells and the Phase II surface water intake. Water from the diversion wells was recharged through the Phase I injection wells and RB-2, and water from the Phase II surface water intake was treated at the Phase II surface water treatment plant and recharged in the Phase II wells, RB-2 and RB-36.

1.2 ACCOUNTING REPORT COMPONENTS

The Basin Storage Area is defined by the DWR in the Chief Engineer's Order approving the Wichita ASR applications, and is delineated by the index cells. Per the DWR Chief Engineer's Order, "recharge credit accounting shall use a groundwater flow model and specifically address the following items for each cell in the Basin Storage Area":

- Natural and artificial recharge
- Groundwater inflow and outflow

- Evaporation and transpiration
- Groundwater diversions from all non-domestic wells
- Infiltration from streams
- Groundwater discharge to streams
- Calculated recharge credits
- Surface water diversions



- Legend**
- ASR Wells Phase I
 - ASR Wells Phase II
 - Other City of Wichita Wells
 - ASR Recharge Basins
 - Surface Water Intakes
 - Phase I Bank Storage Wells
 - ASR Surface Water Treatment Plants
 - ASR and Raw Water Piping



FIGURE 1.1
ASR INFRASTRUCTURE LOCATION AND VICINITY MAP

2.0 2016 OPERATIONS

ASR Phase I facilities were available for operation for the tenth full year in 2016. Phase II construction was substantially complete in 2012, and testing and final completion was achieved in 2013. Diversion of above baseflow water for Phase I is permitted when flow in the Little Arkansas River as measured at the Highway 50 gage exceeds 20 cubic feet per second (cfs) between October 1 and March 31, and when the flow exceeds 57 cfs between April 1 and September 30. Diversion of above baseflow water for Phase II is permitted when flow in the Little Arkansas River as measured at the Valley Center gage exceeds and can be maintained at 30 cfs or greater.

2.1 TYPE OF SOURCE WATER USED FOR RECHARGE

Source water for the recharge project can currently be taken directly from the Little Arkansas River using the three Phase I bank storage diversion wells located along the banks of the Little Arkansas River, the Phase I surface water intake, or from the Phase II surface water intake. The diversion sources and quantity of water diverted by each are summarized in Table 2.1.

**Table 2.1
2016 Metered Diversion Volumes**

	Diversion Volume	
	(gallons)	(acre-feet)
Surface Water Intake (Phase I)	0	0.00
DW1	2,466,752	7.57
DW2	672	0.00
DW3	87,200	0.27
<i>Phase I Subtotal</i>	2,554,624	7.84
Surface Water Intake (Phase II)	2,664,354,803	8,176.60
Total Diverted	2,666,909,427	8,184.44

2.2 QUANTITY OF WATER AVAILABLE

Based on the daily average flow data from the U.S. Geological Survey (USGS) Highway 50 gage, streamflow exceeded the minimum limit for Phase I diversion and recharge operations a total of 167 days in 2016.

Based on the daily average flow data from the USGS Valley Center gage, streamflow exceeded the minimum permit limit for Phase II diversion and recharge operations a total of 232 days during calendar year 2016. The permit requires that 30 cfs be maintained at the Valley Center gage for operation, and since the intake is upstream of the gage, flow must be significantly higher than the minimum permit level to actually allow operation. The pumping equipment at the Phase II surface water intake is generally

removed or winterized from the middle of October through April to avoid damage due to freezing temperatures. Water quality is also an operational consideration, and is factored into the allowable operation time. During the operational season from April 15 to October 15, all of these operational considerations were met and the Phase II system was operated a total of 129 days in 2016.

2.3 QUANTITY OF WATER DIVERTED

A total of 2,666,909,427 gallons (8,184.44 acre-feet) of water was diverted using the three riverbank infiltration diversion wells and the Phase II surface water intake for recharge purposes during 2016. The quantity of water diverted by each diversion source is summarized in Table 2.1.

2.4 RECHARGE TECHNIQUES UTILIZED

During 2016, water was recharged to the Basin Storage Area using the Phase I and Phase II wells and infiltration basins RB-2 and RB-36. The quantity of water recharged by each technique is summarized in Table 2.2.

2.5 QUANTITY RECHARGED BY EACH TECHNIQUE

A total of 987,451,050 gallons (3,030.38 acre-feet) was recharged to the Basin Storage Area during 2016. The quantity of water recharged at each location is summarized in Table 2.2.

Table 2.2
2016 Metered Recharge and Recovery Volumes

		Recharged Volume		Recharge Credits Recovered		RRW Maintenance Pumping	
		(gallons)	(acre-feet)	(gallons)	(acre-feet)	(gallons)	(acre-feet)
<i>Recharge Basins</i>							
	RB-1 (Phase I)	0.00	0.00	N/A	N/A	N/A	N/A
	RB-2 (Phase I)	178,195,550	546.86	N/A	N/A	N/A	N/A
	RB-36 (Phase II)	500,661,389	1,536.47	N/A	N/A	N/A	N/A
<i>Recharge Wells</i>							
Phase I	RRW1 (RK01)	196,156	0.60	0	0.00	46,780	0.14
	RRW2 (RK02)	378,962	1.16	0	0.00	99,721	0.31
	RRW3 (RK03)	406,225	1.25	0	0.00	78,943	0.24
	RRW4 (RK04)	504,400	1.55	0	0.00	0	0.00
	RK05 (RR05)	164,000	0.50	0	0.00	0	0.00
Phase II	MR02 (MK61)	19,859,029	60.95	0	0.00	196,550	0.60
	MR04 (MK80)	23,035,384	70.69	0	0.00	367,913	1.13
	MR06 (MK62)	17,578,132	53.95	0	0.00	143,301	0.44
	MR08 (MK63)	19,521,205	59.91	0	0.00	143,541	0.44
	MR10 (MK10)	15,492,200	47.54	0	0.00	168,097	0.52
	MR11 (MK11)	13,301,202	40.82	0	0.00	215,745	0.66
	MR13 (MK13)	18,695,454	57.37	0	0.00	143,263	0.44
	MR14 (MK14)	18,941,899	58.13	0	0.00	143,488	0.44
	MR18 (MK64)	4,375,305	13.43	0	0.00	213,428	0.65
	MR19 (MK19)	2,163,786	6.64	0	0.00	0	0.00
	MR20 (MK65)	25,924,868	79.56	0	0.00	287,399	0.88
	MR22 (MK66)	9,268,060	28.44	0	0.00	264,899	0.81
	MR23 (MK67)	13,305,476	40.83	0	0.00	215,177	0.66
	MR26 (MK26)	5,679,691	17.43	0	0.00	143,546	0.44
	MR42 (MK68)	7,871,895	24.16	0	0.00	166,955	0.51
	MR43 (MK69)	10,854,573	33.31	0	0.00	143,333	0.44
	MR44 (MK70)	4,166,403	12.79	0	0.00	215,582	0.66
	MR45 (MK71)	4,205,218	12.91	0	0.00	394,918	1.21
	MR47 (MK60)	15,172	0.05	0	0.00	71,581	0.22
	MR48 (MK48)	14,598,868	44.80	0	0.00	215,605	0.66
	MR50 (MK50)	1,329,366	4.08	0	0.00	333,403	1.02
	MR51 (MK51)	0	0.00	0	0.00	522,614	1.60
	MR55 (MK73)	0	0.00	0	0.00	653,158	2.00
	MR56 (MK74)	629,721	1.93	0	0.00	71,788	0.22
	MR57 (MK75)	274,491	0.84	0	0.00	0	0.00
	MR58 (MK76)	14,953,566	45.89	0	0.00	253,516	0.78
MR59 (MK77)	8,618,155	26.45	0	0.00	250,673	0.77	
MR60 (MK78)	16,860,337	51.74	0	0.00	718,925	2.21	
MR61 (MK79)	14,304,301	43.90	0	0.00	720,869	2.21	
	Total	986,330,439	3,026.94	0	0.00	7,604,711	23.34

Table 2.2 (continued)

Surface Water Diversions sent to City:¹

City Use 1,401,651,421 gallons 4301.51 acre-ft

¹Surface water that was diverted, treated at the Phase II SWTP, and sent directly to the City's main treatment plant for treatment and use.

Surface Water Treatment Plant Residuals Water:²

Residual Water 81,420,000 gallons 249.87 acre-ft

²Surface water that is returned to the river from the settling basin due to high turbidity.

Water Diverted for System Operations:³

System 219,198,000 gallons 672.69 acre-ft

³Water used to flush pipelines, fill tanks and/or drain the pipeline for system deactivation.

2.6 TOTAL QUANTITY OF SOURCE WATER STORED IN BASIN STORAGE AREA

A total of 6,817.97 acre-feet of water has been recharged to the Basin Storage Area through 2016. Table 2.3 summarizes the volumes that have been recharged to the Basin Storage Area by year, and Appendix I provides an annual summary of operations.

**Table 2.3
Total Quantity Recharged to Basin Storage Area**

Volume Recharged to Basin in 2006-2015 (acre-feet)	Volume Recharged to Basin in 2016 (acre-feet)	Total Volume Recharged (acre-feet)
6,817.97	3,026.94	9,844.91

2.7 CHEMICAL, PHYSICAL, RADIOLOGICAL AND BIOLOGICAL QUALITY OF EACH TYPE OF WATER

Groundwater pumped from the three Phase I diversion wells and recharged to the Basin Storage Area is not treated. Therefore the diverted water quality and the stored water quality are the same for the water diverted by the three diversion wells.

River water diverted through either surface water intake is treated prior to being recharged. The Phase I surface water treatment plant (SWTP) is not currently in operation; therefore, the Phase I surface water intake was not utilized in 2016. When the Phase I SWTP is operated, water from the Phase I surface water intake would be treated at the Phase I SWTP with powdered activated carbon and an ACTIFLO flocculation treatment process. River water diverted through the Phase II surface water intake is treated at

the Phase II SWTP using membrane filtration and HiPOx Advanced Oxidation process for disinfection and atrazine destruction.

During 2016, water from the three Phase I diversion wells was recharged to RRW-1, RRW-2, RRW-3, and RW-1 Phase I recharge wells and basin RB-2. Surface water diverted from the Phase II intake was treated at the Phase II SWTP and recharged through the Phase II wells, RB-2, and RB-36. Appendix C contains the analytical results obtained from analysis of the samples collected during recharge operations in 2016.

2.8 MONTHLY AND ANNUAL SUMMARY OF RECHARGE CREDITS WITHDRAWN

The City currently summarizes annual withdrawals in the Water Use Report by manually taking monthly readings from flow meters throughout the system. The Supervisory Control and Data Acquisition (SCADA) system is partially complete, so SCADA data was used when available and manual readings were used when necessary. There has been no recovery of stored water to date, as summarized in Table 2.2.

3.0 HYDROLOGIC CONDITIONS

3.1 QUARTERLY INDEX WATER LEVELS

Groundwater Management District No. 2 (GMD2) collects water level measurements on a quarterly basis from the ASR index wells. In addition, the USGS collects water levels annually when they collect groundwater samples from the index wells. The water level data was obtained from the GMD2 and USGS and combined to create a summary table that is included in Appendix D of this report. In addition, water level hydrographs were created and are included in Appendix D to illustrate the changes in water level elevations through time.

In addition, USGS published a report titled “*Status of Groundwater Levels and Storage Volume in the Equus Beds Aquifer near Wichita, Kansas, 2012 to 2014*”. This report includes water level maps and calculations of change in storage volume in the Basin Storage Area from 2012 to 2014. The report can be found on the USGS web page at <http://pubs.usgs.gov/sir/2014/5185/>.

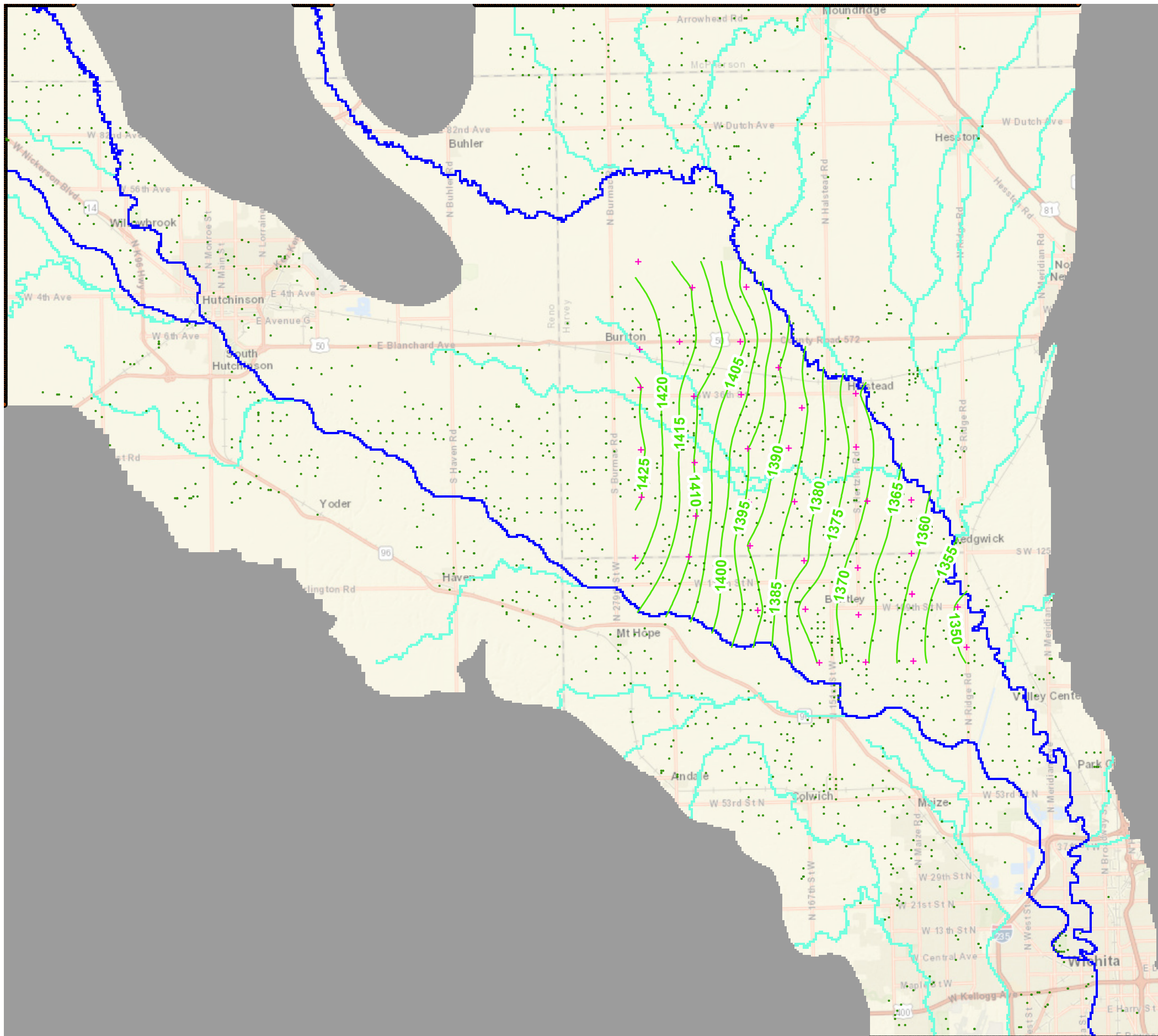
Figures 3.1 and 3.2 are groundwater surface elevation contour maps generated using the GMD2 level “C” index well water level data for January of 2016 and January 2017, respectively. These contour maps illustrate the groundwater potentiometric surface elevations in the deeper monitoring wells in the Basin Storage Area during a low-water use period, when irrigation and municipal pumping are typically at their lowest. As shown by these maps, the groundwater flow is generally from the west to the east.

3.2 KEY GROUNDWATER QUALITY PARAMETERS

The USGS collects groundwater samples from the index wells on an annual basis. Data tables generated by the USGS containing the complete suite of analytical results from the 2016 sampling can be found at <http://waterdata.usgs.gov/ks/nwis/qw>. Graphs and tables summarizing several key groundwater quality parameters (alachlor, arsenic, atrazine, chloride, iron, manganese, and nitrate) for each of the deep index wells and tables summarizing several key groundwater quality parameters (alachlor, arsenic, atrazine, chloride, iron, manganese, and nitrate) for each of the deep index wells are included in Appendix E.

3.3 MONTHLY AND ANNUAL PRECIPITATION DATA

The monthly and annual precipitation data was obtained from the GMD2 weather station in Harvey County. This weather station is located in the watershed for the Little Arkansas River, and data from the station is representative of the precipitation in the City well field area. Appendix F contains the data from the Harvey County weather station for the 2016 calendar year.



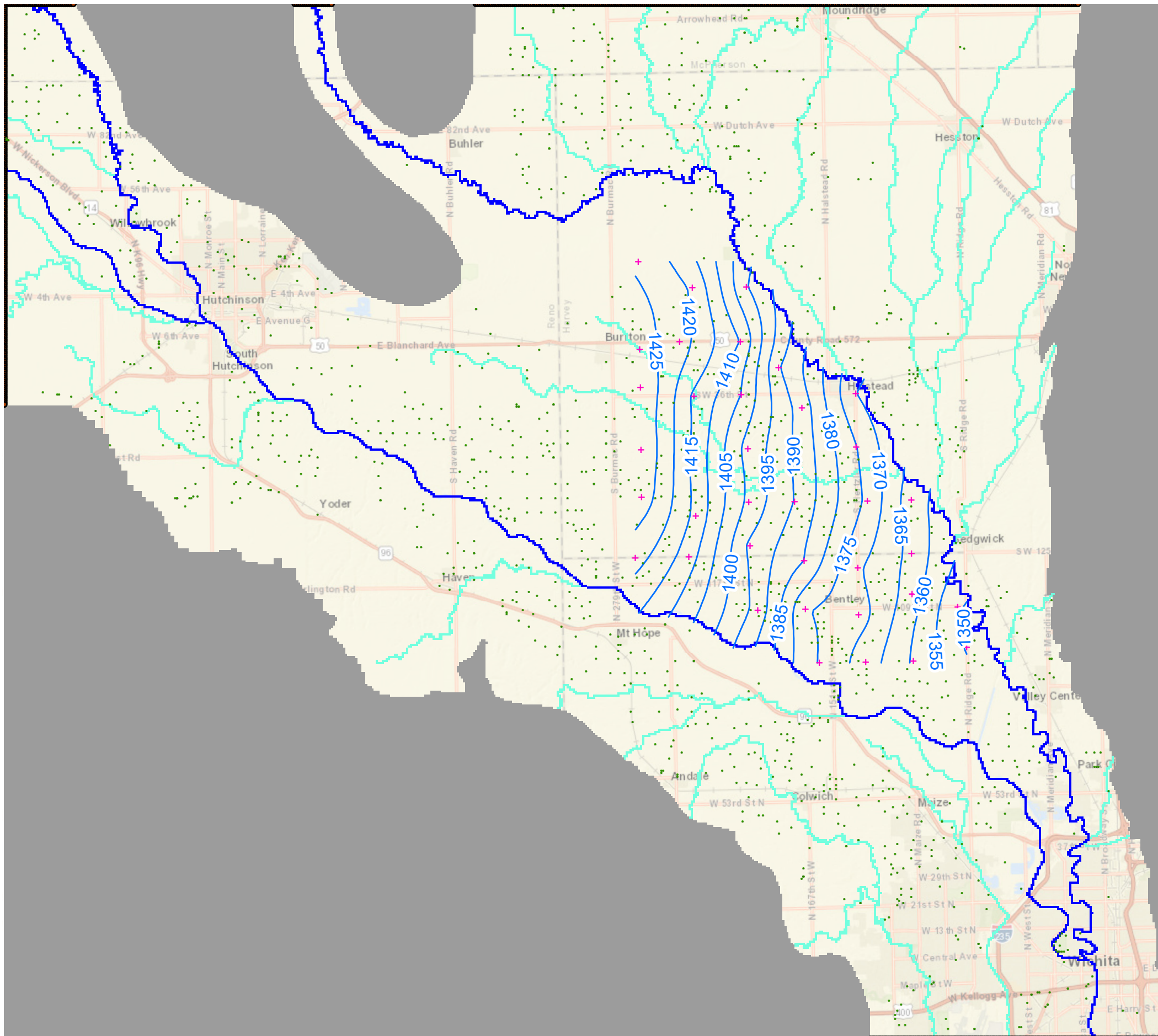
Legend

- + Index Well
- Index Well Contours January 2016
- Model Rivers
- Model Streams
- Model Boundary
- Model No-Flow Areas
- Modeled Well



Figure 3.1

Wichita Accounting Model
 Water Level Contours
 Deep index wells
 January 2016



Legend

- + Index Well
- Index Well Contours January 2016
- Model Rivers
- Model Streams
- Model Boundary
- Model No-Flow Areas
- Modeled Well



Figure 3.2

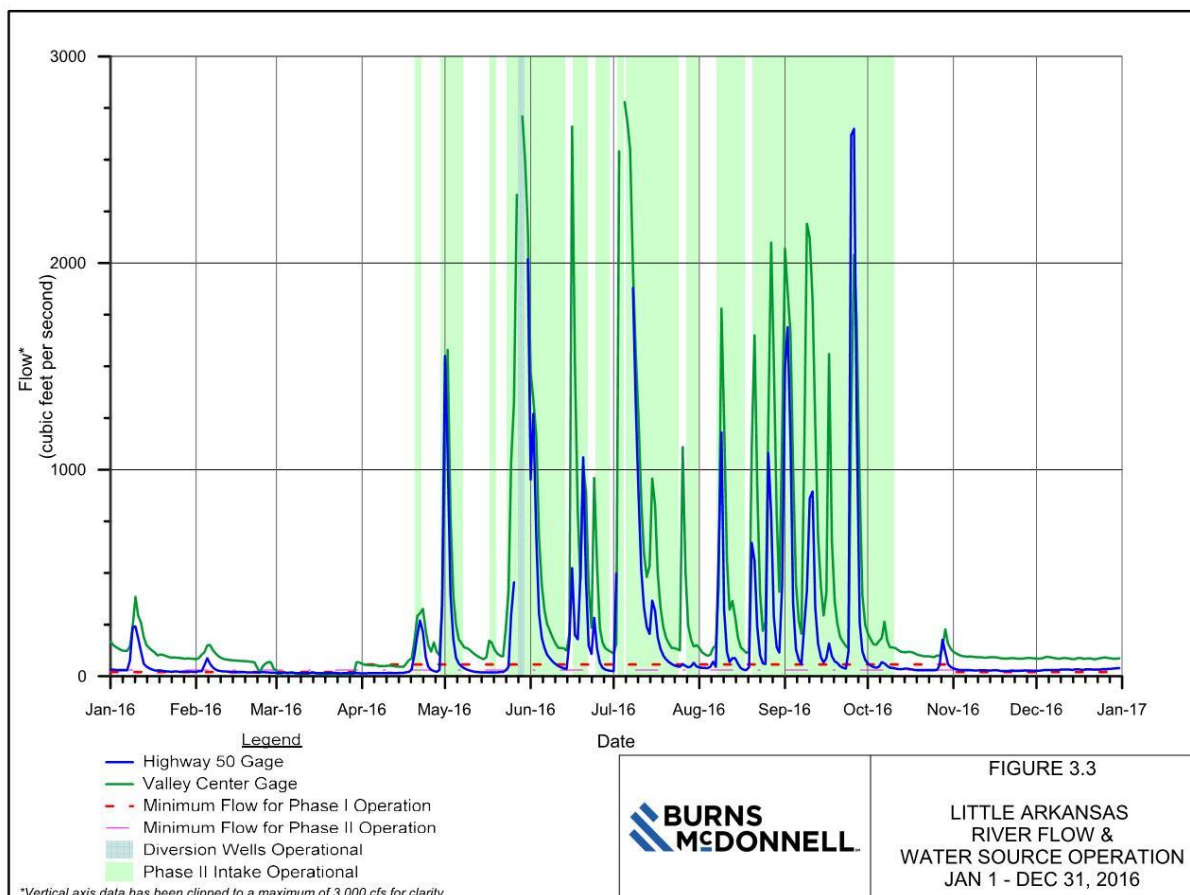
Wichita Accounting Model
 Water Level Contours
 Deep index wells
 January 2017

3.4 WITHDRAWALS FROM NON-DOMESTIC WELLS

As part of an open records request, the DWR provides the City with a spreadsheet containing the pumping totals from all non-domestic wells for use in the annual accounting model. According to the 2016 data provided by DWR, a total of 20,424 acre-feet were pumped from non-domestic wells in the Basin Storage Area in 2016. The pumping data is included in Appendix G.

3.5 ANNUAL STREAMFLOW, INCLUDING BASEFLOW AND ABOVE BASEFLOW STAGE

The annual streamflow data for the Little Arkansas River for 2016 was obtained from the USGS. The daily values reported by the USGS for stage and flow at the Highway 50 and Valley Center gages are included as Appendix H. Figure 3.3 illustrates 2016 river flows. The diversion well and Phase II surface water intake operational times are also shown.



3.6 SUMMARY OF CONJUNCTIVE USE AMOUNTS

Conjunctive use amounts are totaled when the City uses more than its base water rights of 53,000 acre-feet from Cheney during wet years. This did not happen in 2016, so the conjunctive use amount is 0.0 acre-feet.

3.7 WATER SUPPLY AND DEMAND FORECAST FOR THE NEXT THREE YEARS

The City pumped a total of 4,501,807,000 gallons (13,816 acre-feet) of water from all of its supply wells in the *Equus* Beds well field during 2016. Total raw water diverted for the City for 2016 was 18,456,900,000 gallons (56,642 acre-feet). : The City manages the multiple water resources available to it, to maximize the probability of resource availability when they are needed. Based on the *August 2013 Water Demand Assessment*, the projected City water demand for the next three years is:

**Table 3.1
City of Wichita Three-Year Projected Water Demand**

Year	Gallons	Acre-feet
2017	22,357,222,697	68,612
2018	22,571,372,070	69,269
2019	22,787,572,680	69,932

* * * * *

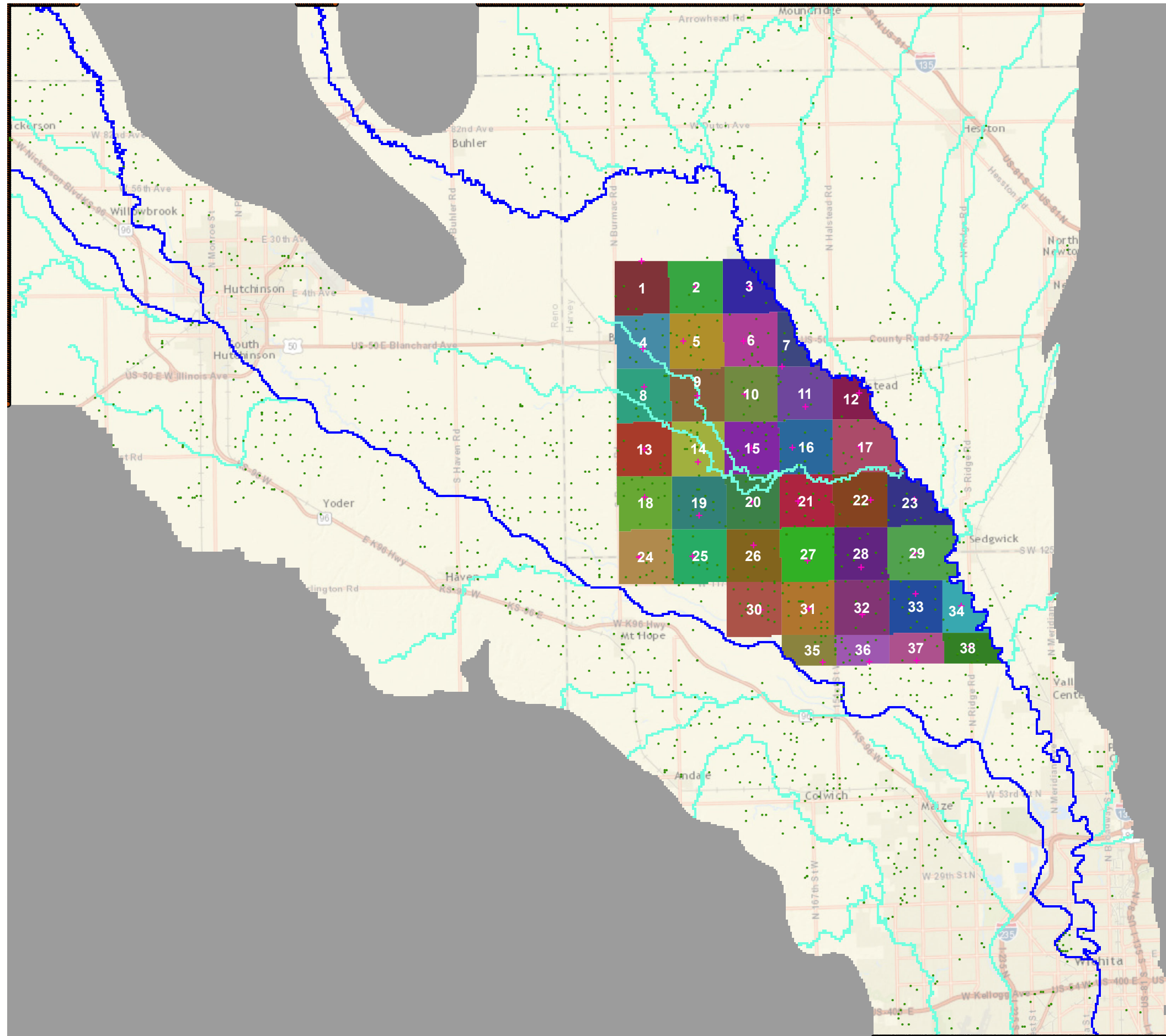
4.0 GROUNDWATER MODELING

4.1 BACKGROUND

DWR requires a groundwater model-based accounting system to track movement of recharge credits as a condition for approval of permits required to capture, store and recover water for beneficial use by the City. A MODFLOW-2000, three-dimensional groundwater model was developed by the USGS and utilized for the accounting process this year. The location and extent of the accounting model area is shown in Figure 4.1.

The USGS model used general-head nodes along the margins of the model boundary to represent areas where the aquifer extends beyond the model boundary. No-flow boundaries represent areas where shale provides a natural barrier to groundwater flow. The model includes areal recharge, evapotranspiration, stream flow and well pumping totals. More extensive details of the USGS model including information regarding model set-up, calibration, sensitivity analysis and model results are contained in “*Simulation of Groundwater Flow, Effects of Artificial Recharge, and Storage Volume Changes in the Equus Beds Aquifer near the City of Wichita, Kansas Well Field, 1935-2008*,” USGS Scientific Investigations Report 2013-5042 (Kelly, et al, 2013).

For the purposes of calculating recharge credits for this report, the USGS model was imported into Groundwater Vistas pre- and post-processing software package. This package utilizes the same calculation packages that were used by the USGS, but provides for easier inclusion of data into the model and interpretation of data generated by the model. No changes were made to the construction or properties of the model.



Legend

- + Index Well
- Index Well Contours January 2013
- Model Rivers
- Model Streams
- Model Boundary
- Model No-Flow Areas
- Modeled Well



Figure 4.1

Wichita Accounting Model
Basin Storage Area
Index Cells

4.2 MODEL IMPLEMENTATION FOR ASR ACCOUNTING

DWR requires that ASR accounting utilize groundwater modeling to track movement of recharged water within the index cells previously established. Wichita's ASR Basin Storage Area is not a closed basin and groundwater migrates down-gradient from higher water table elevations in the west to lower elevations in the east. Water recharged in one index cell that is not removed by pumping will eventually migrate to down-gradient index cells. This migration depends on the local gradient which is influenced by natural recharge, municipal and irrigation pumping, and the amount of ASR recharge. Groundwater modeling has been proven to effectively quantify the groundwater movement. However, modeling cannot directly track the movement of recharge credits from one index cell to another and keep it separate from movement of non-recharge water.

In order to track recharge credits, two model runs are completed, one with the full ASR recharge and recovery operational history and a second run assuming no ASR recharge or diversion well production. Since the only difference between the two model runs is the water recharged (and recovered), the differences in the water budget between the two model runs are assumed to be due to the impact of ASR operation. For example, if the net underflow (flow from one index cell to another) is greater with the ASR model run, the additional underflow is assumed to be due to ASR operation.

Flows to and from each index cell are added and subtracted to effectively track the migration of ASR credit. Recharge credits that are lost to the Little Arkansas River are deducted from the total recharge credits available.

4.3 MODEL SETUP AND IMPLEMENTATION

The accounting model used for the Wichita ASR accounting has been upgraded to utilize the latest model developed and calibrated by the USGS. A detailed report of the model set-up, calibration, sensitivity analysis and model results are contained in "*Simulation of Groundwater Flow, Effects of Artificial Recharge, and Storage Volume Changes in the Equus Beds Aquifer near the City of Wichita, Kansas Well Field, 1935-2008,*" USGS Scientific Investigations Report 2013-5042 (Kelly, et al, 2013).

The current model configuration is a uniform cell size of 400 feet by 400 feet, resulting in a model with 510 rows, 630 columns, and three layers. The only modifications to the USGS model for the purposes of recharge credit accounting were to modify the number of stress periods and add data for the years not previously included. The USGS model calculated the water level changes from 1935 (considered to be pre-development of groundwater usage in the area) through 2008. For the purposes of this report, the

model operating time period was changed to 2006 through 2015, the period of time where the City's ASR system has been operational. The water levels generated by the USGS model for January 1, 2006 were utilized as the starting point for these simulations.

4.4 BASIN STORAGE AREA STRESSES FOR MODEL INPUT

No changes were made to the construction and operation of the model for this report. Pumping, natural recharge, evapotranspiration, and stream flow data were updated using the methods described in the above referenced USGS report for the years of 2009 through 2015. The accounting model simulates transient flow conditions for years 2006 through 2016. The model units are feet, cubic feet and days. Unless otherwise noted below, units are model units. Details of the water budgets and groundwater modeling to support the ASR recharge credits claimed are presented in the following sections.

4.4.1.1 Natural Recharge

A percentage of annual precipitation contributes to natural recharge. The amount of natural recharge entering an aquifer system is based on many factors including the amount of precipitation, surface soil texture, slope, and type and amount of groundcover.

The USGS model used average precipitation from five area weather stations (see Table 4.1) and then distributed the recharge across the model area based on soil type, ground cover and model calibration. The Sedgwick gage was taken out of service in 2009. Data from the other weather stations were included to provide good distribution across the precipitation sampling area. Several stations have been abandoned and replacements selected. The current model employs data from four of the original stations used by the USGS and the Bentley 0.1 NE (US1KSSG0098) station for the calculation of natural recharge.

In 2016 the calculated average rainfall from these weather stations in the Basin Storage Area was 41.55 inches. The calculated natural recharge for each index cell is shown in the model water budget summaries contained in Appendix A.

4.4.1.2 Artificial Recharge

The metered volume of water recharged through the basins and recharge wells in 2015 was 1890.40 acre-feet. Table 2.1 contains a summary showing the volume recharged through each of the Phase I RRRWs,

Table 4.1
Weather stations, periods of data and average precipitation for each stress period.

COOP ID	143930	145539	145744	147313	143366	US1KSHV0010	140750	US1KSSG0098	148830
Station Name	Hutchinson 10 SW	Mt Hope	Newton 2 SW	Sedgwick	Halstead 3SW	Halstead 0.5 WNW	Bentley 2 E	Bentley 0.1 NNW	Wichita Dwight D. Eisenhower National Airport
Latitude, longitude	37°56'N, 98°02'W	37°52'N, 97°40'W	38°02'N, 97°21'W August 1, 1951 to Present; 38°04'N, 97°17'W January 1, 1931 to August 31, 1951	37°55'N, 97°26'W	37°58'N, 97°33'W	38.0041°, -97.5183°	37.8925°, -97.4827°	37.8925°, -97.4827°	37°39'N, 97°26'W
Begin date	Jan 1, 2006	Jan 1, 2007	Jan 1, 2008	Jan 1, 2009	Jan 1, 2010	Jan 1, 2011	Jan 1, 2012	Jan 1, 2013	Jan 1, 2014
End date	Dec 31, 2006	Dec 31, 2007	Dec 31, 2008	Dec 31, 2009	Dec 31, 2010	Dec 31, 2011	Dec 31, 2012	Dec 31, 2013	Dec 31, 2014
Model Stress Period No.	1	2	3	4	5	6	7	8	9
Average precipitation, in inches per year	32.19	23.10	33.60	35.46	17.78	23.33	37.68	26.00	29.49
Average precipitation, in inches per year	37.72	21.51	36.74	31.37	34.63	20.33	45.08	25.02	42.00
Average precipitation, in inches per year	38.37	0.00	33.54	32.27	31.33	19.94	40.94	31.44	40.69
Average precipitation, in inches per year	40.48	24.99	34.97	-	-	-	22.55	-	-
Average precipitation, in inches per year	-	-	-	31.27	31.00	-	-	-	26.25
Average precipitation, in inches per year	-	-	-	-	-	39.88	-	-	-
Average precipitation, in inches per year	-	-	-	-	-	-	-	38.47	42.02
Average precipitation, in inches per year	-	-	-	-	-	-	-	37.55	50.60

[COOP ID, National Weather Service Cooperative Weather Station identification number; N, north; W, west; S, south; E, east; -, not applicable]
*Airport name changed in Jan 2015. Station name until 2014 was Wichita Mid-Continent Airport.

RB2 and RB36. For the groundwater model, water recharged by wells or basins is simulated as a well pumping into the aquifer (both wells and basins).

4.4.2 Evaporation and Transpiration

Evapotranspiration in the model simulates the groundwater losses to evaporation and transpiration by plants. Evapotranspiration is maximized at the surface, and set to zero at a depth of 10 feet. The rate of evapotranspiration was calculated using the process set up by the USGS during development of the model. This process utilizes the Hamon equation to take the saturated vapor pressure, mean daily air temperature, and average number of daylight hours to calculate the maximum evapotranspiration rate.

For 2016, the model incorporates a maximum value of 0.00805 feet per day when the water table is at the surface. Estimates of evapotranspiration are given for each index cell in the model water budgets.

4.4.3 Groundwater Diversions from Non-Domestic Wells

Groundwater diversions from all non-domestic wells are obtained from DWR in an electronic spreadsheet format. Well locations reported in geographic coordinates (latitude and longitude) were converted to model coordinates. The converted data was then imported into MODFLOW-2000 Multi-Node Well (MNW2) package. The MNW2 package utilizes the reported well construction data to simulate pumping from the actual screened intervals of the well. This distributes the pumping more accurately across the various layers of the model.

Annual water use reported in acre-feet by DWR was converted to average daily pumping rates and distributed evenly throughout the year. Well type and water use were considered to simulate recharge from irrigation return at the point of use of the water. Potential return flows based on the crop type and irrigation method were developed by the USGS for the model, and calculated and subtracted from the total pumped by each well. Irrigation returns were calculated based on the irrigation type and ranged from 7 per cent for low impact center pivot to 25 per cent for flood irrigation.

The amount of well pumping within each index cell is shown in the model water budget summaries provided in Appendix B. The volume shown in the summary is the net volume for the cell (withdrawals minus volume recharged). The data provided by DWR is provided in Appendix H.

4.4.4 Streamflow

Streamflow can contribute to aquifer recharge or discharge depending on river stage, river bed conductivity, and elevation of the underlying groundwater table. Variations in river stage and flow are considered in the groundwater model using the MODFLOW-2000 river package, and smaller streams and tributaries were simulated using the drain package. Data from the USGS streamflow gages on the Arkansas and Little Arkansas Rivers were utilized to calculate an average annual stage for each river. Stage elevation for the cells between gages were assigned by interpolation of the flow gradient.

4.4.4.1 Infiltration from Streams

When aquifer water elevations are lower than surface water elevations in a stream, there is a potential for water to infiltrate into the aquifer from the stream. The amount of flow depends on the difference in water levels and the permeability of the streambed. Using the calibrated USGS model, estimates of net flow (water leaving the stream minus water entering the stream) are estimated for each index cell that has a river reach.

Infiltration from the Little Arkansas River throughout the Basin Storage Area was approximately 4,133 acre-feet, and from the Arkansas River approximately 1,547 acre-feet. Index cells 3, 7, 11, 12, 17, 23, 29, 34 and 38 include flows to and from the Little Arkansas River, while only index cell 35 includes Arkansas River inflows. The estimates of inflow are shown in the model index cell water budget.

4.4.4.2 Groundwater Discharge to Streams

When aquifer water elevations are higher than the surface water elevation in a stream, there is a potential for water to discharge from the aquifer into the stream as baseflow. The amount of flow depends on the difference in water levels and the permeability of the streambed. Using the calibrated USGS model, estimates of net flow (water leaving the stream minus water entering the stream) is estimated for each index cell that has a river reach.

The model shows that a total of 42,000 acre-feet of water migrated from the aquifer in the Basin Storage Area to the Little Arkansas River in 2016. The estimates of outflow are shown in the model index cell water budget.

4.4.5 Groundwater Inflow and Outflow

Groundwater inflow and outflow is the amount of groundwater migrating into an index cell from other areas and flowing out of an index cell to other areas. The net underflow, positive or negative, is shown in

the model water budget summaries for water movement between index cells (Appendix B) or areas outside of the recharge basin area.

4.5 MODEL CALIBRATION

Calibration of the model was evaluated by the comparison of the calculated water levels in the model to 835 selected index well water level measurements from 2006 through 2016. Comparison of the calculated and observed water levels results in a residual mean of 0.45 feet and absolute residual mean of 3.77 feet. These numbers are well below the industry standards for similar large scale models. The residual mean is the average difference between measured water levels and computed variations in local weather (recharge), timing of local pumping, and other operational factors. Appendix B contains a summary water budget for the model runs.

4.6 MODEL WATER BUDGET

MODFLOW-2000 permits tracking of groundwater flow throughout the model. This includes flows into and out of the model, flows between cells within the model, and changes in storage on a cell-by-cell basis. With the processing software (Groundwater Vistas) a group of model cells may be combined into a hydrostratigraphic unit, for which a composite water budget can be calculated. For the accounting model, a total of 39 hydrostratigraphic units were established and numbered to represent the 38 ASR index cell areas and one hydrostratigraphic unit to represent the area outside the Index Cells. For most of the model, the model hydrostratigraphic units roughly match the actual cells; however, on the eastern side of the Basin Storage Area, the Little Arkansas River was not included in an index cell boundary. Because river interaction is an important element for complete accounting, several index cells were extended eastward in the model to include the river. The modeled hydrostratigraphic units (index cells) are shown on Figure 4.1.

A water balance report was generated using the model results. The water balance reports for the model runs with and without ASR are combined to show net changes in the water budget which are reported in the Index Cell Water Budget Summaries provided in Appendix A. A copy of the detailed reports both with and without ASR activities is included in Appendix B.

4.7 CALCULATED RECHARGE CREDITS

Calculated recharge credits are based on the following for each index cell:

	Previous recharge credit
+	metered additional recharge
-	recharge credits recovered for use or maintenance
+	recharge credits entering by underflow (modeled)
-	<u>recharge credits leaving by underflow or flow to river (modeled)</u>
=	current recharge credit

Some differences in the water budgets with ASR and without ASR are excluded from the recharge credit calculations. For example, increases in storage in index cells 1, 4, 8, and 13 do not count toward the recharge credit total. These four cells are up-gradient of index cells 2, 5, 9 and 14, where active recharge activities are taking place. The increases in storage in these up-gradient index cells (1, 4, 8, and 13) is not a recharge credit, because it is not recharged water, but is a result of increasing water levels due to the mounding effect of water being injected. The net result of this effect is that water that would have migrated down-gradient stays in the up-gradient index cells, resulting in higher water levels and increased water in storage in the up-gradient (non-recharge) cell. This reduction in flow down-gradient indicates that the recharge activities are beginning to slow the migration of the Burrton Salt Water Plume.

A summary of the calculated recharge credits for 2016 is presented in Table 4.2. Appendix I contains a table summarizing operations and recharge credits from 2006 through 2016.

Table 4.2
2016 Recharge Credit Summary
 (Acre-Feet)

Index Cell No.	Previous Recharge Credit	2016 Metered Recharge	2016 Metered Recovery	Net Recharge Credit Underflow Entering Index Cell	Net Recharge Credit Underflow Leaving Index Cell	Net Recharge Credit Loss to River	Calculated Recharge Credit
1	----			----	----	----	----
2	220.4	0.6	0.1	21.1	37.4	----	204.6
3	170.3			26.9	5.5	36.0	155.7
4	----			----	----	----	----
5	404.6	2.4	0.5	0.0	19.9	----	386.5
6	178.5	131.6	1.7	3.1	78.8	----	232.7
7	14.0			97.1	9.8	82.5	18.9
8	----			----	----	----	----
9	537.3	2.1	0.0	0.0	22.4	----	517.0
10	190.1	53.9	0.4	43.1	85.3	----	201.4
11	75.7			85.3	47.4	13.4	100.2
12	16.0			21.8	5.4	10.6	21.9
13	----			----	----	----	----
14	1243.3	619.9	1.8	0.0	203.8	----	1657.5
15	217.6	205.6	2.1	43.5	61.6	----	403.1
16	96.3	98.0	1.9	40.8	44.1	----	189.2
17	34.6			45.2	1.2	31.2	47.4
18	----			----	----	----	----
19	4.4	13.0	1.4	8.6	64.2	----	-39.6
20	115.5	89.8	3.0	0.0	28.9	----	173.5
21	163.9	204.3	5.2	4.9	84.6	----	283.3
22	68.2	28.4	0.8	73.0	35.6	----	133.3
23	23.9			29.6	8.4	29.6	15.5
24	----			----	----	----	----
25	35.8			29.0	30.7	----	34.1
26	18.5	0.0	3.6	28.8	16.2	----	27.4
27	13.9			11.6	2.2	----	23.3
28	159.6	40.8	0.7	92.3	30.0	----	262.1
29	-57.4			159.9	0.0	296.0	-193.5
30	14.7			13.6	7.1	----	21.2
31	-16.7			2.2	44.9	----	-59.4
32	132.2			247.8	175.1	----	204.9
33	919.5	1536.5	0.0	0.0	760.2	----	1695.8
34	47.5			389.7	147.1	195.3	94.8
35	19.4			41.1	63.7	0.0	-3.2
36	-13.5			77.8	181.7	----	-117.4
37	-78.8			4.4	259.7	----	-334.2
38	8.7			77.6	54.6	17.4	14.3
Total	4978.2	3026.9	23.3	1719.8	2617.4	712.0	6372.2

Calculated recharge credits include negative values to generate the total recharge credit values, but effective recharge credits cannot be less than zero. The effective recharge credit in Index Cells with negative credits is zero.

APPENDICES

**APPENDIX A –
2016 INDEX CELL WATER BUDGET SUMMARIES**

**City of Wichita
2016 ASR Accounting**

Index Cell 1				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	14,984	14,984	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	1,224	1,149	75	0.63
Storage	92,342	93,600	-1,258	-10.54
Flows Between Index Cells				
Index Cell Number				
Index Cell 2	324,884	324,366	518	4.34
Index Cell 4	25,982	26,104	-121	-1.02
Outside Basin Area	20,319	20,057	262	2.20
Net Underflow Between Index Cells				5.52
Upgradient Cell - No Recharge Credits				
Metered recharge (no recharge facilities)				

<p style="text-align: center;"><u>2016 Recharge Credit</u> ----</p> <p style="text-align: center;">Index Cell 01</p> <p style="text-align: center;"><u>Evapotranspiration Loss</u> 0.6</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>With ASR</u> <u>Flow to IC-01</u> 0.0</td> <td style="width: 50%; text-align: center;"><u>Without ASR</u> <u>Flow to IC-01</u> 0.0</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-01</u> 2722.3</td> <td style="text-align: center;"><u>Flow from IC-01</u> 2717.9</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-01</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-01</td> <td style="text-align: center;">4.3</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-01</u> 0.0	<u>Without ASR</u> <u>Flow to IC-01</u> 0.0	<u>Flow from IC-01</u> 2722.3	<u>Flow from IC-01</u> 2717.9	<u>Difference with ASR</u>		Flow to IC-01	0.0	Flow from IC-01	4.3										
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Flow to IC-01	0.0																				
Flow from IC-01	0.0																				

Index Cell 39	
<u>With ASR</u> <u>Flow to IC-01</u> 803.0	<u>Without ASR</u> <u>Flow to IC-01</u> 812.7
<u>Flow from IC-01</u> 170.3	<u>Flow from IC-01</u> 168.1
<u>Difference with ASR</u>	
Flow to IC-01	-9.7
Flow from IC-01	2.2

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 2				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	23,703	23,703	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	90,394	92,091	-1,697	-14.22
Flows Between Index Cells				
Index Cell Number				
Index Cell 1	0	0	0	0.00
Index Cell 3	487,959	485,663	2,297	19.25
Index Cell 5	5,553	6,055	-502	-4.21
Index Cell 6	0	0	0	0.00
Outside Basin Area	101,490	99,324	2,166	18.15
Net Underflow Between Index Cells				33.19
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
RRW-01 (RK-01)	2006-2015	115,991,688	355.97	
RRW-01 (RK-01)	2016	196,156	0.60	
Total		116,187,844	356.57	

<table> <tr> <td><u>With ASR</u></td> <td><u>Without ASR</u></td> </tr> <tr> <td><u>Flow to IC-02</u></td> <td><u>Flow to IC-02</u></td> </tr> <tr> <td>2722.3</td> <td>2717.9</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">01</td> </tr> <tr> <td><u>Flow from IC-02</u></td> <td><u>Flow from IC-02</u></td> </tr> <tr> <td>0.0</td> <td>0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td>Flow to IC-02</td> <td>4.34</td> </tr> <tr> <td>Flow from IC-02</td> <td>0.00</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-02</u>	<u>Flow to IC-02</u>	2722.3	2717.9	Index Cell		01		<u>Flow from IC-02</u>	<u>Flow from IC-02</u>	0.0	0.0	<u>Difference with ASR</u>		Flow to IC-02	4.34	Flow from IC-02	0.00	<table> <tr> <td colspan="2" style="text-align: center;"><u>2016 Recharge Credit</u></td> </tr> <tr> <td colspan="2" style="text-align: center;">-15.8</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">02</td> </tr> <tr> <td colspan="2"><u>Metered Recharge 2016</u></td> </tr> <tr> <td colspan="2">0.60</td> </tr> <tr> <td colspan="2"><u>Metered Recovery 2016</u></td> </tr> <tr> <td colspan="2">0.14</td> </tr> <tr> <td colspan="2"><u>Evapotranspiration Loss</u></td> </tr> <tr> <td colspan="2">0.00</td> </tr> <tr> <td colspan="2"><u>Change in Aquifer Storage</u></td> </tr> <tr> <td colspan="2">14.22</td> </tr> </table>	<u>2016 Recharge Credit</u>		-15.8		Index Cell		02		<u>Metered Recharge 2016</u>		0.60		<u>Metered Recovery 2016</u>		0.14		<u>Evapotranspiration Loss</u>		0.00		<u>Change in Aquifer Storage</u>		14.22		<table> <tr> <td><u>With ASR</u></td> <td><u>Without ASR</u></td> </tr> <tr> <td><u>Flow to IC-02</u></td> <td><u>Flow to IC-02</u></td> </tr> <tr> <td>0.0</td> <td>0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">03</td> </tr> <tr> <td><u>Flow from IC-02</u></td> <td><u>Flow from IC-02</u></td> </tr> <tr> <td>4088.7</td> <td>4069.5</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td>Flow to IC-02</td> <td>0.00</td> </tr> <tr> <td>Flow from IC-02</td> <td>19.25</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-02</u>	<u>Flow to IC-02</u>	0.0	0.0	Index Cell		03		<u>Flow from IC-02</u>	<u>Flow from IC-02</u>	4088.7	4069.5	<u>Difference with ASR</u>		Flow to IC-02	0.00	Flow from IC-02	19.25
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Flow from IC-02	0.00																																																																	

Index Cell 39

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-02</u>	<u>Flow to IC-02</u>
61.69	63.93
<u>Flow from IC-02</u>	<u>Flow from IC-02</u>
850.41	832.26
<u>Difference with ASR</u>	
Flow to IC-02	-2.24
Flow from IC-02	18.15

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 3				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	11,340	10,405	936	7.84
River	969,877	966,514	3,364	28.19
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	38,030	38,030	0	0.00
Flows Between Index Cells				
Index Cell Number				
Index Cell 2	0	0	0	0.00
Index Cell 6	39,277	40,420	-1,143	-9.58
Index Cell 7	1,953	1,956	-3	-0.03
Outside Basin Area	103,463	102,806	657	5.51
Net Underflow Between Index Cells				-9.60
Metered recharge (no recharge facilities)				

<p><u>With ASR</u> <u>Flow to IC-03</u> 4088.7</p> <p><u>Without ASR</u> <u>Flow to IC-03</u> 4069.5</p> <p>Index Cell 02</p> <p><u>Flow from IC-03</u> 0.0</p> <p><u>Flow from IC-03</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-03 19.2 Flow from IC-03 0.0</p>	<p><u>2016 Recharge Credit</u> -14.6</p> <p>Index Cell 03</p> <p><u>Diversion Well Pumping</u> 7.8</p> <p><u>Loss to Little Ark River</u> 36.0</p> <p><u>Evapotranspiration Loss</u> 0.0</p>	
<p><u>With ASR</u> <u>Flow to IC-03</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-03</u> 0.0</p> <p>Index Cell 05</p> <p><u>Flow from IC-03</u> 0.0</p> <p><u>Flow from IC-03</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-03 0.0 Flow from IC-03 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-03</u> 160.8</p> <p><u>Without ASR</u> <u>Flow to IC-03</u> 154.0</p> <p>Index Cell 06</p> <p><u>Flow from IC-03</u> 329.1</p> <p><u>Flow from IC-03</u> 338.7</p> <p><u>Difference with ASR</u> Flow to IC-03 6.9 Flow from IC-03 -9.6</p>	<p><u>With ASR</u> <u>Flow to IC-03</u> 16.4</p> <p><u>Without ASR</u> <u>Flow to IC-03</u> 16.4</p> <p>Index Cell 07</p> <p><u>Flow from IC-03</u> 16.4</p> <p><u>Flow from IC-03</u> 16.4</p> <p><u>Difference with ASR</u> Flow to IC-03 0.0 Flow from IC-03 0.0</p>

Index Cell 39

<u>With ASR</u> <u>Flow to IC-03</u> 2478.3	<u>Without ASR</u> <u>Flow to IC-03</u> 2477.4
<u>Flow from IC-03</u> 866.9	<u>Flow from IC-03</u> 861.4
<u>Difference with ASR</u>	
Flow to IC-03	0.8
Flow from IC-03	5.5

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 4				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	30,555	30,555	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	6,879	6,347	532	4.46
Storage	87,338	88,470	-1,132	-9.49
Flows Between Index Cells				
Index Cell Number				
Index Cell 1	41,074	40,450	623	5.22
Index Cell 5	129,774	131,196	-1,422	-11.91
Index Cell 8	40,903	40,711	193	1.61
Index Cell 9	0	0	0	0.00
Outside Basin Area	1,676	1,684	-8	-0.07
Net Underflow Between Index Cells				-5.15
Upgradient Cell - No Recharge Credits				
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-04</u> 217.7</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-04</u> 218.7</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 01</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-04</u> 344.2</td> <td style="text-align: center;"><u>Flow from IC-04</u> 338.9</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-04</td> <td style="text-align: center;">-1.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-04</td> <td style="text-align: center;">5.2</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-04</u> 217.7	<u>Without ASR</u> <u>Flow to IC-04</u> 218.7	Index Cell 01		<u>Flow from IC-04</u> 344.2	<u>Flow from IC-04</u> 338.9	<u>Difference with ASR</u>		Flow to IC-04	-1.0	Flow from IC-04	5.2	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-04</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-04</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 02</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-04</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-04</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-04</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-04</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-04</u> 0.0	<u>Without ASR</u> <u>Flow to IC-04</u> 0.0	Index Cell 02		<u>Flow from IC-04</u> 0.0	<u>Flow from IC-04</u> 0.0	<u>Difference with ASR</u>		Flow to IC-04	0.0	Flow from IC-04	0.0
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<u>With ASR</u> <u>Flow to IC-04</u> 0.0	<u>Without ASR</u> <u>Flow to IC-04</u> 0.0																								
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Flow from IC-04	0.0																								

Index Cell 39	
<u>With ASR</u> <u>Flow to IC-04</u> 601.2	<u>Without ASR</u> <u>Flow to IC-04</u> 610.4
<u>Flow from IC-04</u> 14.0	<u>Flow from IC-04</u> 14.1
<u>Difference with ASR</u>	
Flow to IC-04	-9.2
Flow from IC-04	-0.1

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 5				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	76,425	76,425	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	109,877	112,943	-3,066	-25.69
Flows Between Index Cells				
Index Cell Number				
Index Cell 2	46,120	44,115	2,005	16.80
Index Cell 4	0	0	0	0.00
Index Cell 6	186,026	185,652	374	3.13
Index Cell 9	40,904	42,097	-1,193	-10.00
Net Underflow Between Index Cells				9.94
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
RRW-02 (RK02)	2006-2015	218,385,113	670.20	
RRW-02 (RK02)	2016	378,962	1.16	
RRW-03 (RK03)	2006-2015	220,007,330	675.18	
RRW-03 (RK03)	2016	406,225	1.25	
Total		439,177,630	1347.79	

<p><u>With ASR</u> <u>Flow to IC-05</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 0.0</p> <p>Index Cell 01</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Flow from IC-05</u> 0.1</p> <p><u>Difference with ASR</u> Flow to IC-05 0.0 Flow from IC-05 -0.1</p>	<p><u>With ASR</u> <u>Flow to IC-05</u> 46.5</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 50.7</p> <p>Index Cell 02</p> <p><u>Flow from IC-05</u> 386.5</p> <p><u>Flow from IC-05</u> 369.7</p> <p><u>Difference with ASR</u> Flow to IC-05 -4.2 Flow from IC-05 16.8</p>	<p><u>With ASR</u> <u>Flow to IC-05</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 0.0</p> <p>Index Cell 03</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-05 0.0 Flow from IC-05 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-05</u> 1087.4</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 1099.3</p> <p>Index Cell 04</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-05 -11.9 Flow from IC-05 0.0</p>	<p><u>2016 Recharge Credit</u> -18.1</p> <p>Index Cell 05</p> <p><u>Metered Recharge 2016</u> 2.4</p> <p><u>Metered Recovery 2016</u> 0.5</p> <p><u>Evapotranspiration Loss</u> 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-05</u> 17.9</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 18.4</p> <p>Index Cell 06</p> <p><u>Flow from IC-05</u> 1558.8</p> <p><u>Flow from IC-05</u> 1555.6</p> <p><u>Difference with ASR</u> Flow to IC-05 -0.5 Flow from IC-05 3.1</p>
<p><u>With ASR</u> <u>Flow to IC-05</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 0.0</p> <p>Index Cell 08</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-05 0.0 Flow from IC-05 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-05</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 0.0</p> <p>Index Cell 09</p> <p><u>Flow from IC-05</u> 342.7</p> <p><u>Flow from IC-05</u> 352.7</p> <p><u>Difference with ASR</u> Flow to IC-05 0.0 Flow from IC-05 -10.0</p>	<p><u>With ASR</u> <u>Flow to IC-05</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-05</u> 0.0</p> <p>Index Cell 10</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Flow from IC-05</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-05 0.0 Flow from IC-05 0.0</p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 6				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	161,922	161,922	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	68,163	64,772	3,390	28.41
Flows Between Index Cells				
Index Cell Number				
Index Cell 2	0	0	0	0.00
Index Cell 3	19,193	18,374	819	6.87
Index Cell 5	2,133	2,196	-62	-0.52
Index Cell 7	249,829	241,249	8,580	71.89
Index Cell 9	0	0	0	0.00
Index Cell 10	14,475	15,167	-691	-5.79
Index Cell 11	0	0	0	0.00
Net Underflow Between Index Cells				72.44
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
MR02 (MK61)	2012-2015	18,296,000	56.15	
MR02 (MK61)	2016	19,859,029	60.95	
MR04 (MK04)	2012-2015	20,009,000	61.41	
MR04 (MK04)	2016	23,035,384	70.69	
	Total	81,199,413	249.19	

<p style="text-align: center;"><u>With ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;">Index Cell 02</p> <p style="text-align: center;"><u>Flow from IC-06</u> 0.0</p> <p style="text-align: center;"><u>Flow from IC-06</u> 0.0</p> <p style="text-align: center;"><u>Difference with ASR</u> Flow to IC-06 0.0 Flow from IC-06 0.0</p>	<p style="text-align: center;"><u>With ASR</u> <u>Flow to IC-06</u> 329.1</p> <p style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-06</u> 338.7</p> <p style="text-align: center;">Index Cell 03</p> <p style="text-align: center;"><u>Flow from IC-06</u> 160.8</p> <p style="text-align: center;"><u>Flow from IC-06</u> 154.0</p> <p style="text-align: center;"><u>Difference with ASR</u> Flow to IC-06 -9.6 Flow from IC-06 6.9</p>	
<p style="text-align: center;"><u>With ASR</u> <u>Flow to IC-06</u> 1558.8</p> <p style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-06</u> 1555.6</p> <p style="text-align: center;">Index Cell 05</p> <p style="text-align: center;"><u>Flow from IC-06</u> 17.9</p> <p style="text-align: center;"><u>Flow from IC-06</u> 18.4</p> <p style="text-align: center;"><u>Difference with ASR</u> Flow to IC-06 3.1 Flow from IC-06 -0.5</p>	<p style="text-align: center;"><u>2016 Recharge Credit</u> 54.3</p> <p style="text-align: center;">Index Cell 06</p> <p style="text-align: center;"><u>Metered Recharge 2016</u> 131.6</p> <p style="text-align: center;"><u>Metered Recovery 2016</u> 1.7</p> <p style="text-align: center;"><u>Evapotranspiration Loss</u> 0.0</p>	<p style="text-align: center;"><u>With ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;">Index Cell 07</p> <p style="text-align: center;"><u>Flow from IC-06</u> 2093.4</p> <p style="text-align: center;"><u>Flow from IC-06</u> 2021.5</p> <p style="text-align: center;"><u>Difference with ASR</u> Flow to IC-06 0.0 Flow from IC-06 71.9</p>
<p style="text-align: center;"><u>With ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;">Index Cell 09</p> <p style="text-align: center;"><u>Flow from IC-06</u> 0.0</p> <p style="text-align: center;"><u>Flow from IC-06</u> 0.0</p> <p style="text-align: center;"><u>Difference with ASR</u> Flow to IC-06 0.0 Flow from IC-06 0.0</p>	<p style="text-align: center;"><u>With ASR</u> <u>Flow to IC-06</u> 210.0</p> <p style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-06</u> 231.0</p> <p style="text-align: center;">Index Cell 10</p> <p style="text-align: center;"><u>Flow from IC-06</u> 121.3</p> <p style="text-align: center;"><u>Flow from IC-06</u> 127.1</p> <p style="text-align: center;"><u>Difference with ASR</u> Flow to IC-06 -21.0 Flow from IC-06 -5.8</p>	<p style="text-align: center;"><u>With ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-06</u> 0.0</p> <p style="text-align: center;">Index Cell 11</p> <p style="text-align: center;"><u>Flow from IC-06</u> 0.0</p> <p style="text-align: center;"><u>Flow from IC-06</u> 0.0</p> <p style="text-align: center;"><u>Difference with ASR</u> Flow to IC-06 0.0 Flow from IC-06 0.0</p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 7				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	1,358	1,358	0	0.00
River	382,180	372,231	9,949	83.37
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	8,634	7,811	823	6.89
Flows Between Index Cells				
Index Cell Number				
Index Cell 3	20,440	19,868	571	4.79
Index Cell 6	0	0	0	0.00
Index Cell 11	3,257	3,876	-619	-5.18
Outside Basin Area	34,527	33,933	594	4.98
Net Underflow Between Index Cells				4.58
Metered recharge (no recharge facilities)				

<u>With ASR</u> <u>Flow to IC-07</u> 16.4	<u>Without ASR</u> <u>Flow to IC-07</u> 16.4
Index Cell 03	
<u>Flow from IC-07</u> 171.3	<u>Flow from IC-07</u> 166.5
<u>Difference with ASR</u>	
Flow to IC-07	0.0
Flow from IC-07	4.8

<u>With ASR</u> <u>Flow to IC-07</u> 2093.4	<u>Without ASR</u> <u>Flow to IC-07</u> 2021.5
Index Cell 06	
<u>Flow from IC-07</u> 0.0	<u>Flow from IC-07</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-07	71.9
Flow from IC-07	0.0

<u>2016 Recharge Credit</u> 4.9	
Index Cell 07	
<u>Loss to Little Ark River</u> 82.5	
<u>Evapotranspiration Loss</u> 0.0	

<u>With ASR</u> <u>Flow to IC-07</u> 0.0	<u>Without ASR</u> <u>Flow to IC-07</u> 0.0
Index Cell 10	
<u>Flow from IC-07</u> 0.0	<u>Flow from IC-07</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-07	0.0
Flow from IC-07	0.0

<u>With ASR</u> <u>Flow to IC-07</u> 303.3	<u>Without ASR</u> <u>Flow to IC-07</u> 278.1
Index Cell 11	
<u>Flow from IC-07</u> 27.3	<u>Flow from IC-07</u> 32.5
<u>Difference with ASR</u>	
Flow to IC-07	25.2
Flow from IC-07	-5.2

Index Cell 39	
<u>With ASR</u> <u>Flow to IC-07</u> 632.6	<u>Without ASR</u> <u>Flow to IC-07</u> 633.4
<u>Flow from IC-07</u> 289.3	<u>Flow from IC-07</u> 284.3
<u>Difference with ASR</u>	
Flow to IC-07	-0.9
Flow from IC-07	5.0

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 8				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	56,794	56,794	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	106,352	101,230	5,122	42.92
Storage	53,816	52,440	1,376	11.53
Flows Between Index Cells				
Index Cell Number				
Index Cell 4	0	0	0	0.00
Index Cell 9	144,501	154,098	-9,597	-80.42
Index Cell 13	32,540	32,238	302	2.53
Outside Basin Area	0	0	0	0.00
Net Underflow Between Index Cells				-77.89
Upgradient Cell - No Recharge Credits				
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-08</u> 342.7</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-08</u> 341.1</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 04</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-08</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-08</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-08</td> <td style="text-align: center;">1.6</td> </tr> <tr> <td style="text-align: center;">Flow from IC-08</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-08</u> 342.7	<u>Without ASR</u> <u>Flow to IC-08</u> 341.1	Index Cell 04		<u>Flow from IC-08</u> 0.0	<u>Flow from IC-08</u> 0.0	<u>Difference with ASR</u>		Flow to IC-08	1.6	Flow from IC-08	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-08</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-08</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 05</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-08</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-08</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-08</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-08</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-08</u> 0.0	<u>Without ASR</u> <u>Flow to IC-08</u> 0.0	Index Cell 05		<u>Flow from IC-08</u> 0.0	<u>Flow from IC-08</u> 0.0	<u>Difference with ASR</u>		Flow to IC-08	0.0	Flow from IC-08	0.0
<u>With ASR</u> <u>Flow to IC-08</u> 342.7	<u>Without ASR</u> <u>Flow to IC-08</u> 341.1																								
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<u>With ASR</u> <u>Flow to IC-08</u> 17.7	<u>Without ASR</u> <u>Flow to IC-08</u> 28.7																								
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Index Cell 39	
<u>With ASR</u> <u>Flow to IC-08</u> 1406.6	<u>Without ASR</u> <u>Flow to IC-08</u> 1419.0
<u>Flow from IC-08</u> 0.0	<u>Flow from IC-08</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-08	-12.4
Flow from IC-08	0.0

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 9				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	36,703	36,703	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	96,074	88,454	7,620	63.85
Flows Between Index Cells				
Index Cell Number				
Index Cell 4	0	0	0	0.00
Index Cell 5	0	0	0	0.00
Index Cell 6	0	0	0	0.00
Index Cell 8	2,299	2,497	-199	-1.66
Index Cell 10	181,378	178,707	2,671	22.38
Index Cell 13	0	0	0	0.00
Index Cell 14	45,296	65,962	-20,666	-173.17
Index Cell 15	0	0	0	0.00
Net Underflow Between Index Cells				-152.45
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>		<u>AF</u>
RB-01	2006-2016	0		0.00
RRW-04 (RK04)	2006-2015	304,490,026		934.45
RRW-04 (RK04)	2016	504,400		1.55
RR-05 (RK-05)	2012-2015	1,583,000		4.86
RR-05 (RK-05)	2016	164,000		0.50
	Total	306,741,426		941.35

<p> <u>With ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p style="text-align: center;">Index Cell 04</p> <p> <u>Flow from IC-09</u> 0.0 </p> <p> <u>Flow from IC-09</u> 0.0 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 0.0 Flow from IC-09 0.0 </p>	<p> <u>With ASR</u> <u>Flow to IC-09</u> 342.7 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 352.7 </p> <p style="text-align: center;">Index Cell 05</p> <p> <u>Flow from IC-09</u> 0.0 </p> <p> <u>Flow from IC-09</u> 0.0 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 -10.0 Flow from IC-09 0.0 </p>	<p> <u>With ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p style="text-align: center;">Index Cell 06</p> <p> <u>Flow from IC-09</u> 0.0 </p> <p> <u>Flow from IC-09</u> 0.0 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 0.0 Flow from IC-09 0.0 </p>
<p> <u>With ASR</u> <u>Flow to IC-09</u> 1210.8 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 1291.2 </p> <p style="text-align: center;">Index Cell 08</p> <p> <u>Flow from IC-09</u> 19.3 </p> <p> <u>Flow from IC-09</u> 20.9 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 -80.4 Flow from IC-09 -1.7 </p>	<p style="text-align: center;"><u>2016 Recharge Credit</u> -20.3</p> <p style="text-align: center;">Index Cell 09</p> <p> <u>Metered Recharge 2016</u> 2.1 <u>Metered Recovery 2016</u> 0.0 <u>Evapotranspiration Loss</u> 0.0 </p>	<p> <u>With ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p style="text-align: center;">Index Cell 10</p> <p> <u>Flow from IC-09</u> 1519.8 </p> <p> <u>Flow from IC-09</u> 1497.4 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 0.0 Flow from IC-09 22.4 </p>
<p> <u>With ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p style="text-align: center;">Index Cell 13</p> <p> <u>Flow from IC-09</u> 0.0 </p> <p> <u>Flow from IC-09</u> 0.0 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 0.0 Flow from IC-09 0.0 </p>	<p> <u>With ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p style="text-align: center;">Index Cell 14</p> <p> <u>Flow from IC-09</u> 379.5 </p> <p> <u>Flow from IC-09</u> 552.7 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 0.0 Flow from IC-09 -173.2 </p>	<p> <u>With ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p> <u>Without ASR</u> <u>Flow to IC-09</u> 0.0 </p> <p style="text-align: center;">Index Cell 15</p> <p> <u>Flow from IC-09</u> 0.0 </p> <p> <u>Flow from IC-09</u> 0.0 </p> <p style="text-align: center;"><u>Difference with ASR</u></p> <p> Flow to IC-09 0.0 Flow from IC-09 0.0 </p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 10				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	121,057	121,057	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	71,183	61,524	9,659	80.94
Flows Between Index Cells				
Index Cell Number				
Index Cell 6	25,060	27,565	-2,505	-20.99
Index Cell 9	0	0	0	0.00
Index Cell 11	202,843	192,666	10,176	85.27
Index Cell 15	12,089	18,677	-6,588	-55.20
Net Underflow Between Index Cells				9.07
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
MR06 (MK62)	2012-2015	16,967,000	52.07	
MR06 (MK62)	2016	17,578,132	53.95	
Total		17,578,132	53.95	

<p><u>With ASR</u> <u>Flow to IC-10</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 0.0</p> <p>Index Cell 05</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-10 0.0 Flow from IC-10 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-10</u> 121.3</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 127.1</p> <p>Index Cell 06</p> <p><u>Flow from IC-10</u> 210.0</p> <p><u>Flow from IC-10</u> 231.0</p> <p><u>Difference with ASR</u> Flow to IC-10 -5.8 Flow from IC-10 -21.0</p>	<p><u>With ASR</u> <u>Flow to IC-10</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 0.0</p> <p>Index Cell 07</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-10 0.0 Flow from IC-10 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-10</u> 1519.8</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 1497.4</p> <p>Index Cell 09</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-10 22.4 Flow from IC-10 0.0</p>	<p><u>2016 Recharge Credit</u> 11.3</p> <p>Index Cell 10</p> <p><u>Metered Recharge 2016</u> 53.9 <u>Metered Recovery 2016</u> 0.4 <u>Evapotranspiration Loss</u> 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-10</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 0.0</p> <p>Index Cell 11</p> <p><u>Flow from IC-10</u> 1699.7</p> <p><u>Flow from IC-10</u> 1614.4</p> <p><u>Difference with ASR</u> Flow to IC-10 0.0 Flow from IC-10 85.3</p>
<p><u>With ASR</u> <u>Flow to IC-10</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 0.0</p> <p>Index Cell 14</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-10 0.0 Flow from IC-10 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-10</u> 126.0</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 105.3</p> <p>Index Cell 15</p> <p><u>Flow from IC-10</u> 101.3</p> <p><u>Flow from IC-10</u> 156.5</p> <p><u>Difference with ASR</u> Flow to IC-10 20.7 Flow from IC-10 -55.2</p>	<p><u>With ASR</u> <u>Flow to IC-10</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-10</u> 0.0</p> <p>Index Cell 16</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Flow from IC-10</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-10 0.0 Flow from IC-10 0.0</p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 11				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	34,333	34,333	0	0.00
River	46,014	44,412	1,602	13.42
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	37,102	31,934	5,167	43.30
Flows Between Index Cells				
Index Cell Number				
Index Cell 6	0	0	0	0.00
Index Cell 7	36,202	33,189	3,012	25.24
Index Cell 10	0	0	0	0.00
Index Cell 12	128,680	126,201	2,479	20.77
Index Cell 15	0	0	0	0.00
Index Cell 16	46,224	49,148	-2,923	-24.49
Outside Basin Area	10,796	10,630	166	1.39
Net Underflow Between Index Cells				22.91
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-11</u></td> <td style="text-align: center;"><u>Flow to IC-11</u></td> </tr> <tr> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 06</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-11</u></td> <td style="text-align: center;"><u>Flow from IC-11</u></td> </tr> <tr> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-11</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-11</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-11</u>	<u>Flow to IC-11</u>	0.0	0.0	Index Cell 06		<u>Flow from IC-11</u>	<u>Flow from IC-11</u>	0.0	0.0	<u>Difference with ASR</u>		Flow to IC-11	0.0	Flow from IC-11	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-11</u></td> <td style="text-align: center;"><u>Flow to IC-11</u></td> </tr> <tr> <td style="text-align: center;">27.3</td> <td style="text-align: center;">32.5</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 07</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-11</u></td> <td style="text-align: center;"><u>Flow from IC-11</u></td> </tr> <tr> <td style="text-align: center;">303.3</td> <td style="text-align: center;">278.1</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-11</td> <td style="text-align: center;">-5.2</td> </tr> <tr> <td style="text-align: center;">Flow from IC-11</td> <td style="text-align: center;">25.2</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-11</u>	<u>Flow to IC-11</u>	27.3	32.5	Index Cell 07		<u>Flow from IC-11</u>	<u>Flow from IC-11</u>	303.3	278.1	<u>Difference with ASR</u>		Flow to IC-11	-5.2	Flow from IC-11	25.2	<h3 style="text-align: center;">Index Cell 39</h3> <table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-11</u></td> <td style="text-align: center;"><u>Flow to IC-11</u></td> </tr> <tr> <td style="text-align: center;">134.2</td> <td style="text-align: center;">134.4</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-11</u></td> <td style="text-align: center;"><u>Flow from IC-11</u></td> </tr> <tr> <td style="text-align: center;">90.5</td> <td style="text-align: center;">89.1</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-11</td> <td style="text-align: center;">-0.2</td> </tr> <tr> <td style="text-align: center;">Flow from IC-11</td> <td style="text-align: center;">1.4</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-11</u>	<u>Flow to IC-11</u>	134.2	134.4	<u>Flow from IC-11</u>	<u>Flow from IC-11</u>	90.5	89.1	<u>Difference with ASR</u>		Flow to IC-11	-0.2	Flow from IC-11	1.4		
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Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 12				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	0	0	0	0.00
River	315,604	313,363	2,241	18.78
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	4,736	4,279	457	3.83
Flows Between Index Cells				
Index Cell Number				
Index Cell 11	0	0	0	0.00
Index Cell 16	0	0	0	0.00
Index Cell 17	28,915	30,771	-1,856	-15.55
Outside Basin Area	178,598	177,959	639	5.35
Net Underflow Between Index Cells				-10.20
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-12</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-12</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 07</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-12</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-12</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-12</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-12</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-12</u> 0.0	<u>Without ASR</u> <u>Flow to IC-12</u> 0.0	Index Cell 07		<u>Flow from IC-12</u> 0.0	<u>Flow from IC-12</u> 0.0	<u>Difference with ASR</u>		Flow to IC-12	0.0	Flow from IC-12	0.0													
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Index Cell 39	
<u>With ASR</u> <u>Flow to IC-12</u> 1579.6	<u>Without ASR</u> <u>Flow to IC-12</u> 1580.9
<u>Flow from IC-12</u> 1496.5	<u>Flow from IC-12</u> 1491.2
<u>Difference with ASR</u>	
Flow to IC-12	-1.2
Flow from IC-12	5.4

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 13				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	40,597	40,597	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	279,552	268,716	10,836	90.80
Storage	26,402	25,438	964	8.08
Flows Between Index Cells				
Index Cell Number				
Index Cell 8	2,109	3,426	-1,317	-11.04
Index Cell 9	0	0	0	0.00
Index Cell 14	298,797	313,333	-14,536	-121.80
Index Cell 18	80,102	77,776	2,326	19.49
Index Cell 19	0	0	0	0.00
Outside Basin Area	0	0	0	0.00
Net Underflow Between Index Cells				-113.34
Upgradient Cell - No Recharge Credits				
Metered recharge (no recharge facilities)				

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Index Cell 19																									
<u>Flow from IC-13</u> 0.0	<u>Flow from IC-13</u> 0.0																								
<u>Difference with ASR</u>																									
Flow to IC-13	0.0																								
Flow from IC-13	0.0																								

Index Cell 39	
<u>With ASR</u> <u>Flow to IC-13</u> 3094.5	<u>Without ASR</u> <u>Flow to IC-13</u> 3111.6
<u>Flow from IC-13</u> 0.0	<u>Flow from IC-13</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-13	-17.1
Flow from IC-13	0.0

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 14				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	142,322	142,222	100	0.84
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	46,308	28,208	18,100	151.66
Storage	57,652	50,800	6,852	57.41
Flows Between Index Cells				
Index Cell Number				
Index Cell 9	0	0	0	0.00
Index Cell 13	0	0	0	0.00
Index Cell 15	329,305	324,115	5,190	43.49
Index Cell 19	63,544	62,513	1,031	8.63
Net Underflow Between Index Cells				52.12
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
RB-02	2006-2015	454,922,756	1396.11	
RB-02	2016	178,195,550	546.86	
MR42 (MK68)	2012-2015	5,522,000	16.95	
MR42 (MK68)	2016	7,871,895	24.16	
MR43 (MK69)	2012-2015	13,492,000	41.41	
MR43 (MK69)	2016	10,854,573	33.31	
MR44 (MK70)	2012-2015	8,390,000	25.75	
MR44 (MK70)	2016	4,166,403	12.79	
MR56 (MK74)	2012-2015	9,089,000	27.89	
MR56 (MK74)	2016	629,721	1.93	
MR57 (MK75)	2012-2015	640,000	1.96	
MR57 (MK75)	2016	274,491	0.84	
Total		694,048,389	2129.96	

<p><u>With ASR</u> <u>Flow to IC-14</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 0.0</p> <p>Index Cell 08</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-14 0.0 Flow from IC-14 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-14</u> 379.5</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 552.7</p> <p>Index Cell 09</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-14 -173.2 Flow from IC-14 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-14</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 0.0</p> <p>Index Cell 10</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-14 0.0 Flow from IC-14 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-14</u> 2503.7</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 2625.5</p> <p>Index Cell 13</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-14 -121.8 Flow from IC-14 0.0</p>	<p><u>2016 Recharge Credit</u> 414.3</p> <p>Index Cell 14</p> <p><u>Metered Recharge 2016</u> 619.9</p> <p><u>Metered Recovery 2016</u> 1.8</p> <p><u>Evapotranspiration Loss</u> 151.7</p>	<p><u>With ASR</u> <u>Flow to IC-14</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 0.0</p> <p>Index Cell 15</p> <p><u>Flow from IC-14</u> 2759.3</p> <p><u>Flow from IC-14</u> 2715.8</p> <p><u>Difference with ASR</u> Flow to IC-14 0.0 Flow from IC-14 43.5</p>
<p><u>With ASR</u> <u>Flow to IC-14</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 0.0</p> <p>Index Cell 18</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-14 0.0 Flow from IC-14 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-14</u> 533.6</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 592.9</p> <p>Index Cell 19</p> <p><u>Flow from IC-14</u> 532.5</p> <p><u>Flow from IC-14</u> 523.8</p> <p><u>Difference with ASR</u> Flow to IC-14 -59.3 Flow from IC-14 8.6</p>	<p><u>With ASR</u> <u>Flow to IC-14</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-14</u> 0.0</p> <p>Index Cell 20</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Flow from IC-14</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-14 0.0 Flow from IC-14 0.0</p>

Units are Acre-feet per year

**City of Wichita
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Index Cell 15				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	194,366	194,366	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	72,902	61,225	11,677	97.84
Flows Between Index Cells				
Index Cell Number				
Index Cell 9	0	0	0	0.00
Index Cell 10	15,040	12,566	2,474	20.73
Index Cell 11	0	0	0	0.00
Index Cell 14	0	0	0	0.00
Index Cell 16	322,660	317,786	4,874	40.84
Index Cell 19	0	0	0	0.00
Index Cell 20	0	0	0	0.00
Index Cell 21	0	0	0	0.00
Net Underflow Between Index Cells				61.57
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
MR08 (MK63)	2012-2015	16,590,000	50.91	
MR08 (MK63)	2016	19,521,205	59.91	
MR10 (MK56)	2012-2015	8,671,000	26.61	
MR10 (MK56)	2016	15,492,200	47.54	
MR11 (MK11)	2012-2015	8,968,000	27.52	
MR11 (MK11)	2016	13,301,202	40.82	
MR13 (MK57)	2012-2015	19,830,000	60.86	
MR13 (MK57)	2016	18,695,454	57.37	
Total		121,069,061	371.55	

<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;">Index Cell 09</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 0.0 Flow from IC-15 0.0 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 101.3 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 156.5 </p> <p style="text-align: center;">Index Cell 10</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 126.0 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 105.3 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 -55.2 Flow from IC-15 20.7 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;">Index Cell 11</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 0.0 Flow from IC-15 0.0 </p>
<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 2759.3 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 2715.8 </p> <p style="text-align: center;">Index Cell 14</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 43.5 Flow from IC-15 0.0 </p>	<p style="text-align: center;"> <u>2016 Recharge Credit</u> 185.5 </p> <p style="text-align: center;">Index Cell 15</p> <p style="text-align: center;"> <u>Metered Recharge 2016</u> 205.6 <u>Metered Recovery 2016</u> 2.1 <u>Evapotranspiration Loss</u> 0.0 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 11.2 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 12.8 </p> <p style="text-align: center;">Index Cell 16</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 2703.6 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 2662.8 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 -1.6 Flow from IC-15 40.8 </p>
<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;">Index Cell 19</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 0.0 Flow from IC-15 0.0 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 586.1 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 614.5 </p> <p style="text-align: center;">Index Cell 20</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 -28.4 Flow from IC-15 0.0 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-15</u> 0.0 </p> <p style="text-align: center;">Index Cell 21</p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-15</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-15 0.0 Flow from IC-15 0.0 </p>

Units are Acre-feet per year

**City of Wichita
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Index Cell 16				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	258,552	258,552	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	57,219	48,593	8,626	72.28
Flows Between Index Cells				
Index Cell Number				
Index Cell 11	0	0	0	0.00
Index Cell 12	0	0	0	0.00
Index Cell 15	1,342	1,528	-186	-1.56
Index Cell 17	182,741	177,478	5,264	44.11
Index Cell 21	14,622	16,277	-1,655	-13.87
Net Underflow Between Index Cells				28.67
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
MR14 (MK14)	2012-2015	16,685,000	51.20	
MR14 (MK14)	2016	18,941,899	58.13	
MR18 (MK64)	2012-2015	5,163,178	15.85	
MR18 (MK64)	2016	4,375,305	13.43	
MR59 (MK77)	2012-2015	7,919,000	24.30	
MR59 (MK77)	2016	8,618,155	26.45	
Total		61,702,537	189.36	

<p><u>With ASR</u> <u>Flow to IC-16</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 0.0</p> <p>Index Cell 10</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-16 0.0 Flow from IC-16 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-16</u> 387.3</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 411.8</p> <p>Index Cell 11</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-16 -24.5 Flow from IC-16 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-16</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 0.0</p> <p>Index Cell 12</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-16 0.0 Flow from IC-16 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-16</u> 2703.6</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 2662.8</p> <p>Index Cell 15</p> <p><u>Flow from IC-16</u> 11.2</p> <p><u>Flow from IC-16</u> 12.8</p> <p><u>Difference with ASR</u> Flow to IC-16 40.8 Flow from IC-16 -1.6</p>	<p><u>2016 Recharge Credit</u> 92.9</p> <p>Index Cell 16</p> <p><u>Metered Recharge 2016</u> 98.0</p> <p><u>Metered Recovery 2016</u> 1.9</p> <p><u>Evapotranspiration Loss</u> 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-16</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 0.0</p> <p>Index Cell 17</p> <p><u>Flow from IC-16</u> 1531.2</p> <p><u>Flow from IC-16</u> 1487.1</p> <p><u>Difference with ASR</u> Flow to IC-16 0.0 Flow from IC-16 44.1</p>
<p><u>With ASR</u> <u>Flow to IC-16</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 0.0</p> <p>Index Cell 20</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Flow from IC-16</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-16 0.0 Flow from IC-16 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-16</u> 138.7</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 149.1</p> <p>Index Cell 21</p> <p><u>Flow from IC-16</u> 122.5</p> <p><u>Flow from IC-16</u> 136.4</p> <p><u>Difference with ASR</u> Flow to IC-16 -10.3 Flow from IC-16 -13.9</p>	<p><u>With ASR</u> <u>Flow to IC-16</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-16</u> 0.0</p> <p>Index Cell 22</p> <p><u>Flow from IC-16</u> 122.5</p> <p><u>Flow from IC-16</u> 136.4</p> <p><u>Difference with ASR</u> Flow to IC-16 0.0 Flow from IC-16 -13.9</p>

Units are Acre-feet per year

**City of Wichita
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Index Cell 17				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	48,169	48,169	0	0.00
River	572,723	569,002	3,721	31.18
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	28,540	25,815	2,725	22.83
Flows Between Index Cells				
Index Cell Number				
Index Cell 12	844	718	126	1.06
Index Cell 16	0	0	0	0.00
Index Cell 22	32,027	34,522	-2,495	-20.90
Index Cell 23	29,821	30,482	-661	-5.54
Outside Basin Area	7,536	7,521	15	0.13
Net Underflow Between Index Cells				-25.26
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-17</u></td> <td style="text-align: center;"><u>Flow to IC-17</u></td> </tr> <tr> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 11</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-17</u></td> <td style="text-align: center;"><u>Flow from IC-17</u></td> </tr> <tr> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-17</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-17</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-17</u>	<u>Flow to IC-17</u>	0.0	0.0	Index Cell 11		<u>Flow from IC-17</u>	<u>Flow from IC-17</u>	0.0	0.0	<u>Difference with ASR</u>		Flow to IC-17	0.0	Flow from IC-17	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-17</u></td> <td style="text-align: center;"><u>Flow to IC-17</u></td> </tr> <tr> <td style="text-align: center;">242.3</td> <td style="text-align: center;">257.8</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 12</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-17</u></td> <td style="text-align: center;"><u>Flow from IC-17</u></td> </tr> <tr> <td style="text-align: center;">7.1</td> <td style="text-align: center;">6.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-17</td> <td style="text-align: center;">-15.5</td> </tr> <tr> <td style="text-align: center;">Flow from IC-17</td> <td style="text-align: center;">1.1</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-17</u>	<u>Flow to IC-17</u>	242.3	257.8	Index Cell 12		<u>Flow from IC-17</u>	<u>Flow from IC-17</u>	7.1	6.0	<u>Difference with ASR</u>		Flow to IC-17	-15.5	Flow from IC-17	1.1	<h3 style="text-align: center;">Index Cell 39</h3> <table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-17</u></td> <td style="text-align: center;"><u>Flow to IC-17</u></td> </tr> <tr> <td style="text-align: center;">2860.1</td> <td style="text-align: center;">2860.6</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-17</u></td> <td style="text-align: center;"><u>Flow from IC-17</u></td> </tr> <tr> <td style="text-align: center;">63.1</td> <td style="text-align: center;">63.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-17</td> <td style="text-align: center;">-0.5</td> </tr> <tr> <td style="text-align: center;">Flow from IC-17</td> <td style="text-align: center;">0.1</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-17</u>	<u>Flow to IC-17</u>	2860.1	2860.6	<u>Flow from IC-17</u>	<u>Flow from IC-17</u>	63.1	63.0	<u>Difference with ASR</u>		Flow to IC-17	-0.5	Flow from IC-17	0.1		
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Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 18				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	35,950	35,950	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	212,708	209,432	3,277	27.45
Storage	20,487	20,282	206	1.72
Flows Between Index Cells				
Index Cell Number				
Index Cell 13	0	0	0	0.00
Index Cell 19	378,608	381,890	-3,282	-27.50
Index Cell 24	185,350	184,420	930	7.79
Outside Basin Area	7,302	7,268	34	0.29
Net Underflow Between Index Cells				-19.42
Upgradient Cell - No Recharge Credits				
Metered recharge (no recharge facilities)				

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Index Cell 39	
<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-18</u>	<u>Flow to IC-18</u>
3546.0	3555.7
<u>Flow from IC-18</u>	<u>Flow from IC-18</u>
61.2	60.9
<u>Difference with ASR</u>	
Flow to IC-18	-9.7
Flow from IC-18	0.3

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 19				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	64,933	64,933	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	35,624	31,431	4,193	35.14
Storage	44,005	42,197	1,808	15.15
Flows Between Index Cells				
Index Cell Number				
Index Cell 13	0	0	0	0.00
Index Cell 14	63,678	70,755	-7,077	-59.30
Index Cell 15	0	0	0	0.00
Index Cell 18	0	0	0	0.00
Index Cell 20	424,100	428,198	-4,099	-34.34
Index Cell 24	0	0	0	0.00
Index Cell 25	80,192	76,728	3,464	29.03
Index Cell 26	0	0	0	0.00
Net Underflow Between Index Cells				-5.32
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>		<u>AF</u>
MR45 (MK71)	2012-2015	5,647,000		17.33
MR45 (MK71)	2016	4,205,218		12.91
MR47 (MK60)	2012-2015	1,947,000		5.98
MR47 (MK60)	2016	15,172		0.05
	Total	11,814,390		36.26

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-19</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-19</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 13</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-19</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-19</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-19</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-19</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-19</u> 0.0	<u>Without ASR</u> <u>Flow to IC-19</u> 0.0	Index Cell 13		<u>Flow from IC-19</u> 0.0	<u>Flow from IC-19</u> 0.0	<u>Difference with ASR</u>		Flow to IC-19	0.0	Flow from IC-19	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-19</u> 532.5</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-19</u> 523.8</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 14</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-19</u> 533.6</td> <td style="text-align: center;"><u>Flow from IC-19</u> 592.9</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-19</td> <td style="text-align: center;">8.6</td> </tr> <tr> <td style="text-align: center;">Flow from IC-19</td> <td style="text-align: center;">-59.3</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-19</u> 532.5	<u>Without ASR</u> <u>Flow to IC-19</u> 523.8	Index Cell 14		<u>Flow from IC-19</u> 533.6	<u>Flow from IC-19</u> 592.9	<u>Difference with ASR</u>		Flow to IC-19	8.6	Flow from IC-19	-59.3	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-19</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-19</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 15</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-19</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-19</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-19</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-19</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-19</u> 0.0	<u>Without ASR</u> <u>Flow to IC-19</u> 0.0	Index Cell 15		<u>Flow from IC-19</u> 0.0	<u>Flow from IC-19</u> 0.0	<u>Difference with ASR</u>		Flow to IC-19	0.0	Flow from IC-19	0.0
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<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-19</u> 3172.5</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-19</u> 3199.9</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 18</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-19</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-19</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-19</td> <td style="text-align: center;">-27.5</td> </tr> <tr> <td style="text-align: center;">Flow from IC-19</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-19</u> 3172.5	<u>Without ASR</u> <u>Flow to IC-19</u> 3199.9	Index Cell 18		<u>Flow from IC-19</u> 0.0	<u>Flow from IC-19</u> 0.0	<u>Difference with ASR</u>		Flow to IC-19	-27.5	Flow from IC-19	0.0	<table border="0"> <tr> <td colspan="2" style="text-align: center;"><u>2016 Recharge Credit</u> -44.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 19</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Metered Recharge 2016</u> 13.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Metered Recovery 2016</u> 1.4</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Evapotranspiration Loss</u> 35.1</td> </tr> </table>	<u>2016 Recharge Credit</u> -44.0		Index Cell 19		<u>Metered Recharge 2016</u> 13.0		<u>Metered Recovery 2016</u> 1.4		<u>Evapotranspiration Loss</u> 35.1		<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-19</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-19</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 20</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-19</u> 3553.6</td> <td style="text-align: center;"><u>Flow from IC-19</u> 3588.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-19</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-19</td> <td style="text-align: center;">-34.3</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-19</u> 0.0	<u>Without ASR</u> <u>Flow to IC-19</u> 0.0	Index Cell 20		<u>Flow from IC-19</u> 3553.6	<u>Flow from IC-19</u> 3588.0	<u>Difference with ASR</u>		Flow to IC-19	0.0	Flow from IC-19	-34.3		
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Flow from IC-19	0.0																																					

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 20				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	37,631	37,731	-100	-0.84
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	9	0	9	0.08
Storage	89,344	82,197	7,148	59.89
Flows Between Index Cells				
Index Cell Number				
Index Cell 15	69,950	73,340	-3,389	-28.40
Index Cell 19	0	0	0	0.00
Index Cell 21	336,971	338,214	-1,243	-10.41
Index Cell 26	22,072	18,635	3,437	28.80
Net Underflow Between Index Cells				18.39
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
MR58 (MK76)	2012-2015	24,697,000	75.79	
MR58 (MK76)	2016	14,953,566	45.89	
MR61 (MK79)	2012-2015	28,415,000	87.20	
MR61 (MK79)	2016	14,304,301	43.90	
Total		82,369,867	252.78	

<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;">Index Cell 14</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 0.0 Flow from IC-20 0.0 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;">Index Cell 15</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 586.1 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 614.5 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 0.0 Flow from IC-20 -28.4 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;">Index Cell 16</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 0.0 Flow from IC-20 0.0 </p>
<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 3553.6 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 3588.0 </p> <p style="text-align: center;">Index Cell 19</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 -34.3 Flow from IC-20 0.0 </p>	<p style="text-align: center;"> <u>2016 Recharge Credit</u> 57.9 </p> <p style="text-align: center;">Index Cell 20</p> <p style="text-align: center;"> <u>Metered Recharge 2016</u> 89.8 <u>Metered Recovery 2016</u> 3.0 <u>Evapotranspiration Loss</u> 0.1 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;">Index Cell 21</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 2823.6 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 2834.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 0.0 Flow from IC-20 -10.4 </p>
<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;">Index Cell 25</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 0.0 Flow from IC-20 0.0 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 2.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 4.3 </p> <p style="text-align: center;">Index Cell 26</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 184.9 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 156.1 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 -2.3 Flow from IC-20 28.8 </p>	<p style="text-align: center;"> <u>With ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Without ASR</u> <u>Flow to IC-20</u> 0.0 </p> <p style="text-align: center;">Index Cell 27</p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Flow from IC-20</u> 0.0 </p> <p style="text-align: center;"> <u>Difference with ASR</u> Flow to IC-20 0.0 Flow from IC-20 0.0 </p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 21				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	184,775	184,412	363	3.05
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	77,183	68,700	8,483	71.08
Flows Between Index Cells				
Index Cell Number				
Index Cell 15	0	0	0	0.00
Index Cell 16	16,556	17,790	-1,234	-10.34
Index Cell 20	0	0	0	0.00
Index Cell 22	215,817	207,106	8,711	72.99
Index Cell 27	19,953	18,570	1,383	11.59
Index Cell 28	0	0	0	0.00
Net Underflow Between Index Cells				74.24
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
MR19 (MK19)	2012-2015	1,888,000	5.79	
MR19 (MK19)	2016	2,163,786	6.64	
MR20 (MK65)	2012-2015	7,658,000	23.50	
MR20 (MK65)	2016	25,924,868	79.56	
MR26 (MK58)	2012-2015	6,533,000	20.05	
MR26 (MK58)	2016	5,679,691	17.43	
MR48 (MK59)	2012-2015	9,238,000	28.35	
MR48 (MK59)	2016	14,598,868	44.80	
MR50 (MK50)	2012-2015	7,737,000	23.74	
MR50 (MK50)	2016	1,329,366	4.08	
MR60 (MK78)	2012-2015	33,047,000	101.42	
MR60 (MK78)	2016	16,860,337	51.74	
Total		132,657,916	407.11	

<p><u>With ASR</u> <u>Flow to IC-21</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 0.0</p> <p>Index Cell 15</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-21 0.0 Flow from IC-21 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-21</u> 122.5</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 136.4</p> <p>Index Cell 16</p> <p><u>Flow from IC-21</u> 138.7</p> <p><u>Flow from IC-21</u> 149.1</p> <p><u>Difference with ASR</u> Flow to IC-21 -13.9 Flow from IC-21 -10.3</p>	<p><u>With ASR</u> <u>Flow to IC-21</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 0.0</p> <p>Index Cell 17</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-21 0.0 Flow from IC-21 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-21</u> 2823.6</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 2834.0</p> <p>Index Cell 20</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-21 -10.4 Flow from IC-21 0.0</p>	<p><u>2016 Recharge Credit</u> 119.4</p> <p>Index Cell 21</p> <p><u>Metered Recharge 2016</u> 204.3</p> <p><u>Metered Recovery 2016</u> 5.2</p> <p><u>Evapotranspiration Loss</u> 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-21</u> 19.5</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 14.6</p> <p>Index Cell 22</p> <p><u>Flow from IC-21</u> 1808.4</p> <p><u>Flow from IC-21</u> 1735.4</p> <p><u>Difference with ASR</u> Flow to IC-21 4.9 Flow from IC-21 73.0</p>
<p><u>With ASR</u> <u>Flow to IC-21</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 0.0</p> <p>Index Cell 26</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-21 0.0 Flow from IC-21 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-21</u> 213.1</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 242.2</p> <p>Index Cell 27</p> <p><u>Flow from IC-21</u> 167.2</p> <p><u>Flow from IC-21</u> 155.6</p> <p><u>Difference with ASR</u> Flow to IC-21 -29.1 Flow from IC-21 11.6</p>	<p><u>With ASR</u> <u>Flow to IC-21</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-21</u> 0.0</p> <p>Index Cell 28</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Flow from IC-21</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-21 0.0 Flow from IC-21 0.0</p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 22				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	84,961	84,961	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	54,558	48,534	6,024	50.48
Flows Between Index Cells				
Index Cell Number				
Index Cell 17	126	0	126	1.06
Index Cell 21	2,331	1,747	584	4.89
Index Cell 23	189,881	186,347	3,534	29.61
Index Cell 28	91,380	92,333	-953	-7.98
Net Underflow Between Index Cells				27.58
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
MR22 (MK66)	2012-2015	15,295,000	46.94	
MR22 (MK66)	2016	9,268,060	28.44	
Total		24,563,060	75.38	

<p><u>With ASR</u> <u>Flow to IC-22</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-22</u> 0.0</p> <p>Index Cell 16</p> <p><u>Flow from IC-22</u> 0.0</p> <p><u>Flow from IC-22</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-22 0.0 Flow from IC-22 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-22</u> 268.4</p> <p><u>Without ASR</u> <u>Flow to IC-22</u> 289.3</p> <p>Index Cell 17</p> <p><u>Flow from IC-22</u> 1.1</p> <p><u>Flow from IC-22</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-22 -20.9 Flow from IC-22 1.1</p>	
<p><u>With ASR</u> <u>Flow to IC-22</u> 1808.4</p> <p><u>Without ASR</u> <u>Flow to IC-22</u> 1735.4</p> <p>Index Cell 21</p> <p><u>Flow from IC-22</u> 19.5</p> <p><u>Flow from IC-22</u> 14.6</p> <p><u>Difference with ASR</u> Flow to IC-22 73.0 Flow from IC-22 4.9</p>	<p><u>2016 Recharge Credit</u> 65.1</p> <p>Index Cell 22</p> <p><u>Metered Recharge 2016</u> 28.4</p> <p><u>Metered Recovery 2016</u> 0.8</p> <p><u>Evapotranspiration Loss</u> 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-22</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-22</u> 0.0</p> <p>Index Cell 23</p> <p><u>Flow from IC-22</u> 1591.1</p> <p><u>Flow from IC-22</u> 1561.4</p> <p><u>Difference with ASR</u> Flow to IC-22 0.0 Flow from IC-22 29.6</p>
<p><u>With ASR</u> <u>Flow to IC-22</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-22</u> 0.0</p> <p>Index Cell 27</p> <p><u>Flow from IC-22</u> 0.0</p> <p><u>Flow from IC-22</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-22 0.0 Flow from IC-22 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-22</u> 75.8</p> <p><u>Without ASR</u> <u>Flow to IC-22</u> 76.9</p> <p>Index Cell 28</p> <p><u>Flow from IC-22</u> 765.7</p> <p><u>Flow from IC-22</u> 773.7</p> <p><u>Difference with ASR</u> Flow to IC-22 -1.1 Flow from IC-22 -8.0</p>	<p><u>With ASR</u> <u>Flow to IC-22</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-22</u> 0.0</p> <p>Index Cell 29</p> <p><u>Flow from IC-22</u> 0.0</p> <p><u>Flow from IC-22</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-22 0.0 Flow from IC-22 0.0</p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 23				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	55,857	55,857	0	0.00
River	532,811	525,305	7,506	62.90
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	9,910	8,581	1,329	11.14
Flows Between Index Cells				
Index Cell Number				
Index Cell 17	0	0	0	0.00
Index Cell 22	0	0	0	0.00
Index Cell 28	0	0	0	0.00
Index Cell 29	340,475	353,316	-12,841	-107.60
Outside Basin Area	115,953	114,949	1,004	8.41
Net Underflow Between Index Cells				-99.18
Metered recharge (no recharge facilities)				

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-23</u> 249.9	<u>Flow to IC-23</u> 255.4
Index Cell 17	
<u>Flow from IC-23</u> 0.0	<u>Flow from IC-23</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-23	-5.5
Flow from IC-23	0.0

Index Cell 39	
<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-23</u> 4212.5	<u>Flow to IC-23</u> 4228.4
<u>Flow from IC-23</u> 971.6	<u>Flow from IC-23</u> 963.2
<u>Difference with ASR</u>	
Flow to IC-23	-15.9
Flow from IC-23	8.4

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-23</u> 1591.1	<u>Flow to IC-23</u> 1561.4
Index Cell 22	
<u>Flow from IC-23</u> 0.0	<u>Flow from IC-23</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-23	29.6
Flow from IC-23	0.0

<u>2016 Recharge Credit</u> -8.4	
Index Cell 23	
<u>Loss to Little Ark River</u> 29.6	
<u>Evapotranspiration Loss</u> 0.0	

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-23</u> 0.0	<u>Flow to IC-23</u> 0.0
Index Cell 28	
<u>Flow from IC-23</u> 0.0	<u>Flow from IC-23</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-23	0.0
Flow from IC-23	0.0

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-23</u> 0.0	<u>Flow to IC-23</u> 0.0
Index Cell 29	
<u>Flow from IC-23</u> 2852.9	<u>Flow from IC-23</u> 2960.5
<u>Difference with ASR</u>	
Flow to IC-23	0.0
Flow from IC-23	-107.6

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 24				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	45,783	45,783	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	188,344	187,484	860	7.20
Storage	10,597	10,548	49	0.41
Flows Between Index Cells				
Index Cell Number				
Index Cell 18	0	0	0	0.00
Index Cell 19	0	0	0	0.00
Index Cell 25	386,666	387,392	-726	-6.09
Outside Basin Area	279,290	278,711	579	4.85
Net Underflow Between Index Cells				-1.23
Upgradient Cell - No Recharge Credits				
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-24</u> 1553.1</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-24</u> 1545.3</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 18</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-24</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-24</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-24</td> <td style="text-align: center;">7.8</td> </tr> <tr> <td style="text-align: center;">Flow from IC-24</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-24</u> 1553.1	<u>Without ASR</u> <u>Flow to IC-24</u> 1545.3	Index Cell 18		<u>Flow from IC-24</u> 0.0	<u>Flow from IC-24</u> 0.0	<u>Difference with ASR</u>		Flow to IC-24	7.8	Flow from IC-24	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-24</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-24</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 19</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-24</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-24</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-24</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-24</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-24</u> 0.0	<u>Without ASR</u> <u>Flow to IC-24</u> 0.0	Index Cell 19		<u>Flow from IC-24</u> 0.0	<u>Flow from IC-24</u> 0.0	<u>Difference with ASR</u>		Flow to IC-24	0.0	Flow from IC-24	0.0
<u>With ASR</u> <u>Flow to IC-24</u> 1553.1	<u>Without ASR</u> <u>Flow to IC-24</u> 1545.3																								
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<table border="0"> <tr> <td style="text-align: center;"><u>2016 Recharge Credit</u> ----</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 24</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Evapotranspiration Loss</u> 7.2</td> </tr> </table>	<u>2016 Recharge Credit</u> ----	Index Cell 24		<u>Evapotranspiration Loss</u> 7.2		<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-24</u> 42.5</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-24</u> 42.1</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 25</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-24</u> 3240.0</td> <td style="text-align: center;"><u>Flow from IC-24</u> 3246.1</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-24</td> <td style="text-align: center;">0.4</td> </tr> <tr> <td style="text-align: center;">Flow from IC-24</td> <td style="text-align: center;">-6.1</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-24</u> 42.5	<u>Without ASR</u> <u>Flow to IC-24</u> 42.1	Index Cell 25		<u>Flow from IC-24</u> 3240.0	<u>Flow from IC-24</u> 3246.1	<u>Difference with ASR</u>		Flow to IC-24	0.4	Flow from IC-24	-6.1							
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Index Cell 39	
<u>With ASR</u> <u>Flow to IC-24</u> 3185.5	<u>Without ASR</u> <u>Flow to IC-24</u> 3187.3
<u>Flow from IC-24</u> 2340.2	<u>Flow from IC-24</u> 2335.4
<u>Difference with ASR</u>	
Flow to IC-24	-1.9
Flow from IC-24	4.9

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 25				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	51,742	51,742	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	205,333	202,355	2,978	24.95
Storage	19,823	19,553	270	2.27
Flows Between Index Cells				
Index Cell Number				
Index Cell 19	6,093	6,807	-713	-5.98
Index Cell 24	5,070	5,025	45	0.38
Index Cell 26	301,306	301,807	-501	-4.20
Index Cell 30	0	0	0	0.00
Outside Basin Area	218,900	218,258	642	5.38
Net Underflow Between Index Cells				5.76
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-25</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-25</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 18</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-25</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-25</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-25</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-25</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-25</u> 0.0	<u>Without ASR</u> <u>Flow to IC-25</u> 0.0	Index Cell 18		<u>Flow from IC-25</u> 0.0	<u>Flow from IC-25</u> 0.0	<u>Difference with ASR</u>		Flow to IC-25	0.0	Flow from IC-25	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-25</u> 671.9</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-25</u> 642.9</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 19</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-25</u> 51.1</td> <td style="text-align: center;"><u>Flow from IC-25</u> 57.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-25</td> <td style="text-align: center;">29.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-25</td> <td style="text-align: center;">-6.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-25</u> 671.9	<u>Without ASR</u> <u>Flow to IC-25</u> 642.9	Index Cell 19		<u>Flow from IC-25</u> 51.1	<u>Flow from IC-25</u> 57.0	<u>Difference with ASR</u>		Flow to IC-25	29.0	Flow from IC-25	-6.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-25</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-25</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 20</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-25</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-25</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-25</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-25</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-25</u> 0.0	<u>Without ASR</u> <u>Flow to IC-25</u> 0.0	Index Cell 20		<u>Flow from IC-25</u> 0.0	<u>Flow from IC-25</u> 0.0	<u>Difference with ASR</u>		Flow to IC-25	0.0	Flow from IC-25	0.0
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**City of Wichita
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Index Cell 26				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	213,374	213,613	-239	-2.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	3,501	3,179	322	2.70
Storage	51,956	50,258	1,697	14.22
Flows Between Index Cells				
Index Cell Number				
Index Cell 19	0	0	0	0.00
Index Cell 20	234	512	-279	-2.33
Index Cell 25	0	0	0	0.00
Index Cell 27	159,107	159,949	-843	-7.06
Index Cell 30	96,708	95,091	1,617	13.55
Net Underflow Between Index Cells				6.49
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>		<u>AF</u>
MR51 (MK51)	2012-2015	0		0.00
MR51 (MK51)	2016	0		0.00
MR55 (MK73)	2012-2015	0		0.00
MR55 (MK73)	2016	0		0.00
	Total	0		0.00

<p><u>With ASR</u> <u>Flow to IC-26</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 0.0</p> <p>Index Cell 19</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-26 0.0 Flow from IC-26 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-26</u> 184.9</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 156.1</p> <p>Index Cell 20</p> <p><u>Flow from IC-26</u> 2.0</p> <p><u>Flow from IC-26</u> 4.3</p> <p><u>Difference with ASR</u> Flow to IC-26 28.8 Flow from IC-26 -2.3</p>	<p><u>With ASR</u> <u>Flow to IC-26</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 0.0</p> <p>Index Cell 21</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-26 0.0 Flow from IC-26 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-26</u> 2524.7</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 2528.9</p> <p>Index Cell 25</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-26 -4.2 Flow from IC-26 0.0</p>	<p><u>2016 Recharge Credit</u> 8.9</p> <p>Index Cell 26</p> <p><u>Metered Recharge 2016</u> 0.0</p> <p><u>Metered Recovery 2016</u> 3.6</p> <p><u>Evapotranspiration Loss</u> 2.7</p>	<p><u>With ASR</u> <u>Flow to IC-26</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 0.0</p> <p>Index Cell 27</p> <p><u>Flow from IC-26</u> 1333.2</p> <p><u>Flow from IC-26</u> 1340.3</p> <p><u>Difference with ASR</u> Flow to IC-26 0.0 Flow from IC-26 -7.1</p>
<p><u>With ASR</u> <u>Flow to IC-26</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 0.0</p> <p>Index Cell 39</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-26 0.0 Flow from IC-26 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-26</u> 81.0</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 82.7</p> <p>Index Cell 30</p> <p><u>Flow from IC-26</u> 810.3</p> <p><u>Flow from IC-26</u> 796.8</p> <p><u>Difference with ASR</u> Flow to IC-26 -1.7 Flow from IC-26 13.6</p>	<p><u>With ASR</u> <u>Flow to IC-26</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-26</u> 0.0</p> <p>Index Cell 31</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Flow from IC-26</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-26 0.0 Flow from IC-26 0.0</p>

Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 27				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	13,954	14,318	-363	-3.05
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	80,158	75,115	5,043	42.25
Flows Between Index Cells				
Index Cell Number				
Index Cell 21	25,434	28,910	-3,475	-29.12
Index Cell 26	0	0	0	0.00
Index Cell 28	170,893	172,229	-1,336	-11.20
Index Cell 30	0	0	0	0.00
Index Cell 31	33,661	33,398	263	2.20
Net Underflow Between Index Cells				-38.12
Metered recharge (no recharge facilities)				

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Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 28				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	182,073	182,073	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	64,890	56,702	8,188	68.61
Flows Between Index Cells				
Index Cell Number				
Index Cell 21	0	0	0	0.00
Index Cell 22	9,042	9,172	-130	-1.09
Index Cell 23	0	0	0	0.00
Index Cell 27	0	0	0	0.00
Index Cell 29	163,927	160,342	3,585	30.04
Index Cell 31	0	0	0	0.00
Index Cell 32	36,701	37,575	-874	-7.32
Index Cell 33	0	0	0	0.00
Net Underflow Between Index Cells				21.62
<u>Metered recharge</u>	<u>Year</u>	<u>Gallons</u>		<u>AF</u>
MR23 (MK67)	2012-2015	32,050,000		98.36
MR23 (MK67)	2016	13,305,476		40.83
	Total	45,355,476		139.19

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-28</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-28</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 21</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-28</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-28</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-28</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-28</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-28</u> 0.0	<u>Without ASR</u> <u>Flow to IC-28</u> 0.0	Index Cell 21		<u>Flow from IC-28</u> 0.0	<u>Flow from IC-28</u> 0.0	<u>Difference with ASR</u>		Flow to IC-28	0.0	Flow from IC-28	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-28</u> 765.7</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-28</u> 773.7</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 22</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-28</u> 75.8</td> <td style="text-align: center;"><u>Flow from IC-28</u> 76.9</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-28</td> <td style="text-align: center;">-8.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-28</td> <td style="text-align: center;">-1.1</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-28</u> 765.7	<u>Without ASR</u> <u>Flow to IC-28</u> 773.7	Index Cell 22		<u>Flow from IC-28</u> 75.8	<u>Flow from IC-28</u> 76.9	<u>Difference with ASR</u>		Flow to IC-28	-8.0	Flow from IC-28	-1.1	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u> <u>Flow to IC-28</u> 0.0</td> <td style="text-align: center;"><u>Without ASR</u> <u>Flow to IC-28</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 23</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-28</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-28</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-28</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-28</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u> <u>Flow to IC-28</u> 0.0	<u>Without ASR</u> <u>Flow to IC-28</u> 0.0	Index Cell 23		<u>Flow from IC-28</u> 0.0	<u>Flow from IC-28</u> 0.0	<u>Difference with ASR</u>		Flow to IC-28	0.0	Flow from IC-28	0.0
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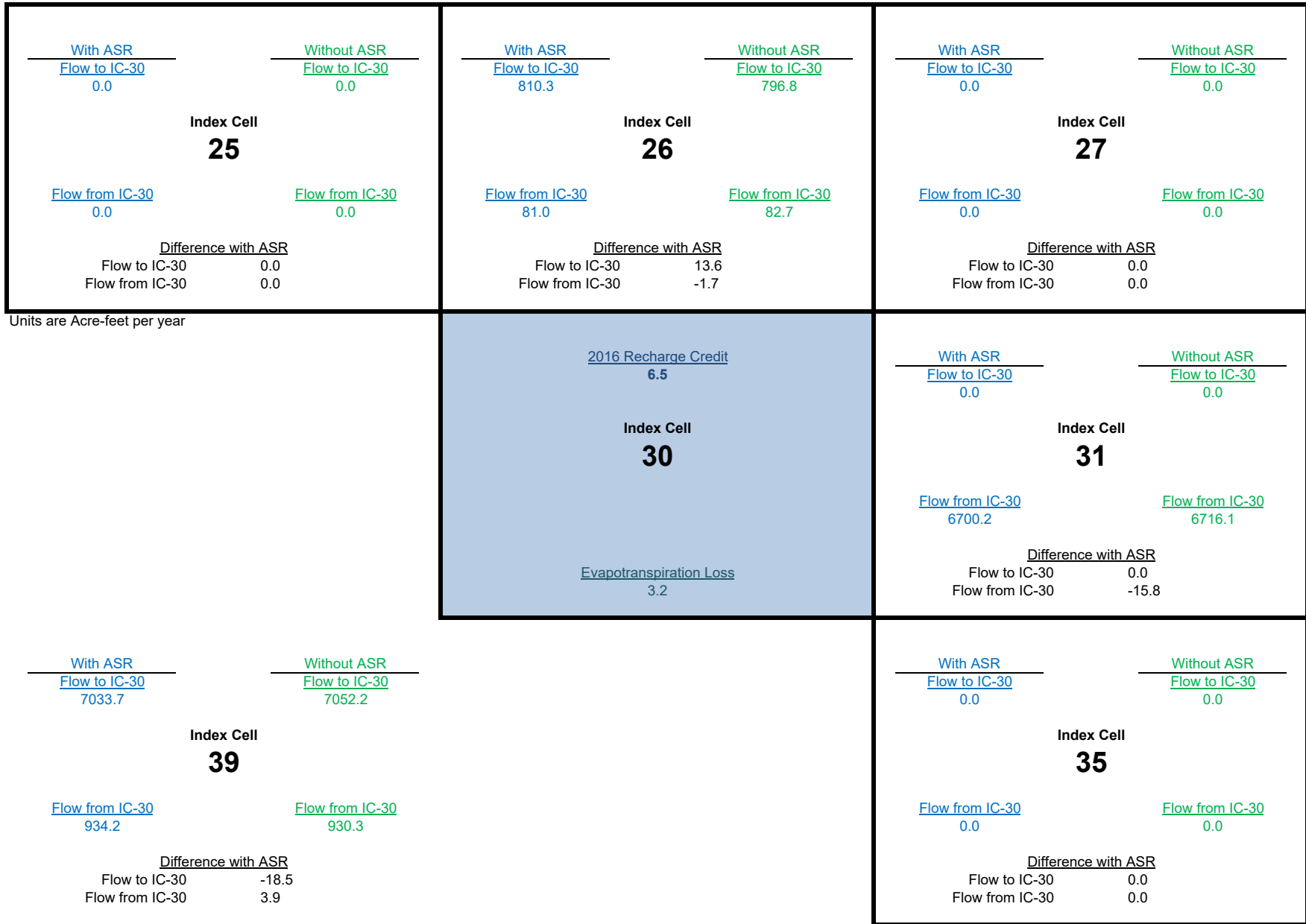
Index Cell 29				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	72,844	72,844	0	0.00
River	822,675	785,356	37,319	312.71
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	18,209	14,864	3,345	28.03
Flows Between Index Cells				
Index Cell Number				
Index Cell 23	0	0	0	0.00
Index Cell 28	2,540	5,252	-2,711	-22.72
Index Cell 33	97,081	128,892	-31,811	-266.55
Index Cell 34	18,623	20,619	-1,996	-16.73
Outside Basin Area	399,142	399,397	-255	-2.13
Net Underflow Between Index Cells				-308.13
Metered recharge (no recharge facilities)				

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Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 30				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	89,405	89,166	239	2.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	136,522	136,145	377	3.16
Storage	14,516	14,119	397	3.32
Flows Between Index Cells				
Index Cell Number				
Index Cell 25	0	0	0	0.00
Index Cell 26	9,663	9,867	-203	-1.70
Index Cell 27	0	0	0	0.00
Index Cell 31	799,622	801,510	-1,888	-15.82
Outside Basin Area	111,490	111,022	468	3.92
Net Underflow Between Index Cells				-11.90
Metered recharge (no recharge facilities)				



Units are Acre-feet per year

**City of Wichita
2016 ASR Accounting**

Index Cell 31				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	64,234	64,234	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	21,622	20,788	834	6.99
Storage	24,542	23,031	1,511	12.66
Flows Between Index Cells				
Index Cell Number				
Index Cell 27	8,951	9,333	-382	-3.20
Index Cell 28	0	0	0	0.00
Index Cell 30	0	0	0	0.00
Index Cell 32	687,035	695,469	-8,433	-70.66
Index Cell 35	238,377	233,848	4,529	37.95
Index Cell 36	0	0	0	0.00
Outside Basin Area	0	0	0	0.00
Net Underflow Between Index Cells				-32.72
Metered recharge (no recharge facilities)				

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Flow from IC-31	0.0																																					

Units are Acre-feet per year

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Index Cell 32				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	203,450	203,450	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	2,987	2,392	595	4.99
Storage	38,371	33,147	5,224	43.77
Flows Between Index Cells				
Index Cell Number				
Index Cell 28	33,810	22,796	11,014	92.29
Index Cell 31	0	0	0	0.00
Index Cell 33	632,633	652,421	-19,788	-165.81
Index Cell 36	109,011	99,728	9,284	77.79
Net Underflow Between Index Cells				4.28
Metered recharge (no recharge facilities)				

<p><u>With ASR</u> <u>Flow to IC-32</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 0.0</p> <p>Index Cell 27</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 0.0 Flow from IC-32 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 307.5</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 314.8</p> <p>Index Cell 28</p> <p><u>Flow from IC-32</u> 283.3</p> <p><u>Flow from IC-32</u> 191.0</p> <p><u>Difference with ASR</u> Flow to IC-32 -7.3 Flow from IC-32 92.3</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 0.0</p> <p>Index Cell 29</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 0.0 Flow from IC-32 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-32</u> 5756.8</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 5827.5</p> <p>Index Cell 31</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 -70.7 Flow from IC-32 0.0</p>	<p><u>2016 Recharge Credit</u> 72.7</p> <p>Index Cell 32</p> <p><u>Evapotranspiration Loss</u> 5.0</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 247.8</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 0.0</p> <p>Index Cell 33</p> <p><u>Flow from IC-32</u> 5301.0</p> <p><u>Flow from IC-32</u> 5466.8</p> <p><u>Difference with ASR</u> Flow to IC-32 247.8 Flow from IC-32 -165.8</p>
<p><u>With ASR</u> <u>Flow to IC-32</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 0.0</p> <p>Index Cell 35</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 0.0 Flow from IC-32 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 361.1</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 477.4</p> <p>Index Cell 36</p> <p><u>Flow from IC-32</u> 913.4</p> <p><u>Flow from IC-32</u> 835.6</p> <p><u>Difference with ASR</u> Flow to IC-32 -116.3 Flow from IC-32 77.8</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 0.0</p> <p>Index Cell 37</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 0.0 Flow from IC-32 0.0</p>

Units are Acre-feet per year

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Index Cell 33				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	282,006	282,415	-409	-3.43
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	16,600	13,545	3,055	25.60
Flows Between Index Cells				
Index Cell Number				
Index Cell 28	0	0	0	0.00
Index Cell 29	21,841	6,343	15,498	129.86
Index Cell 32	29,569	0	29,569	247.76
Index Cell 34	997,143	951,480	45,663	382.62
Index Cell 36	0	0	0	0.00
Index Cell 37	49,094	49,448	-354	-2.96
Net Underflow Between Index Cells				757.28
Metered recharge				
	<u>Year</u>	<u>Gallons</u>	<u>AF</u>	
RB-36	2012-2015	555,768,500	1705.59	
RB-36	2016	500,661,389	1536.47	
	Total	1,056,429,889	3242.06	

<p><u>With ASR</u> <u>Flow to IC-33</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-33</u> 0.0</p> <p>Index Cell 28</p> <p><u>Flow from IC-33</u> 0.0</p> <p><u>Flow from IC-33</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-33 0.0 Flow from IC-33 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-33</u> 813.5</p> <p><u>Without ASR</u> <u>Flow to IC-33</u> 1080.0</p> <p>Index Cell 29</p> <p><u>Flow from IC-33</u> 183.0</p> <p><u>Flow from IC-33</u> 53.1</p> <p><u>Difference with ASR</u> Flow to IC-33 -266.6 Flow from IC-33 129.9</p>	
<p><u>With ASR</u> <u>Flow to IC-33</u> 5301.0</p> <p><u>Without ASR</u> <u>Flow to IC-33</u> 5466.8</p> <p>Index Cell 32</p> <p><u>Flow from IC-33</u> 247.8</p> <p><u>Flow from IC-33</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-33 -165.8 Flow from IC-33 247.8</p>	<p><u>2016 Recharge Credit</u> 776.2</p> <p>Index Cell 33</p> <p><u>Metered Recharge 2016</u> 1536.5</p> <p><u>Loss to Little Ark River</u> 0.0</p> <p><u>Evapotranspiration Loss</u> 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-33</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-33</u> 0.0</p> <p>Index Cell 34</p> <p><u>Flow from IC-33</u> 8355.3</p> <p><u>Flow from IC-33</u> 7972.7</p> <p><u>Difference with ASR</u> Flow to IC-33 0.0 Flow from IC-33 382.6</p>
<p><u>With ASR</u> <u>Flow to IC-33</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-33</u> 0.0</p> <p>Index Cell 36</p> <p><u>Flow from IC-33</u> 0.0</p> <p><u>Flow from IC-33</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-33 0.0 Flow from IC-33 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-33</u> 1617.1</p> <p><u>Without ASR</u> <u>Flow to IC-33</u> 1936.1</p> <p>Index Cell 37</p> <p><u>Flow from IC-33</u> 411.4</p> <p><u>Flow from IC-33</u> 414.3</p> <p><u>Difference with ASR</u> Flow to IC-33 -319.0 Flow from IC-33 -3.0</p>	<p><u>With ASR</u> <u>Flow to IC-33</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-33</u> 0.0</p> <p>Index Cell 38</p> <p><u>Flow from IC-33</u> 0.0</p> <p><u>Flow from IC-33</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-33 0.0 Flow from IC-33 0.0</p>

Units are Acre-feet per year

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Index Cell 34				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	14,958	14,958	0	0.00
River	895,923	872,584	23,339	195.56
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	2,622	2,137	485	4.06
Flows Between Index Cells				
Index Cell Number				
Index Cell 29	0	0	0	0.00
Index Cell 33	0	0	0	0.00
Index Cell 37	0	0	0	0.00
Index Cell 38	11,577	11,686	-110	-0.92
Outside Basin Area	827,917	810,358	17,559	147.13
Net Underflow Between Index Cells				146.21
Metered recharge (no recharge facilities)				

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-34</u> 156.0	<u>Flow to IC-34</u> 172.8
Index Cell 29	
<u>Flow from IC-34</u> 0.0	<u>Flow from IC-34</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-34	-16.7
Flow from IC-34	0.0

Index Cell 39	
<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-34</u> 2439.7	<u>Flow to IC-34</u> 2465.6
<u>Flow from IC-34</u> 6937.3	<u>Flow from IC-34</u> 6790.2
<u>Difference with ASR</u>	
Flow to IC-34	-25.9
Flow from IC-34	147.1

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-34</u> 8355.3	<u>Flow to IC-34</u> 7972.7
Index Cell 33	
<u>Flow from IC-34</u> 0.0	<u>Flow from IC-34</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-34	382.6
Flow from IC-34	0.0

<u>2016 Recharge Credit</u> 47.3	
Index Cell 34	
<u>Loss to Little Ark River</u> 195.3	
<u>Evapotranspiration Loss</u> 0.0	

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-34</u> 0.0	<u>Flow to IC-34</u> 0.0
Index Cell 37	
<u>Flow from IC-34</u> 0.0	<u>Flow from IC-34</u> 0.0
<u>Difference with ASR</u>	
Flow to IC-34	0.0
Flow from IC-34	0.0

<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-34</u> 1867.3	<u>Flow to IC-34</u> 1860.2
Index Cell 38	
<u>Flow from IC-34</u> 97.0	<u>Flow from IC-34</u> 97.9
<u>Difference with ASR</u>	
Flow to IC-34	7.1
Flow from IC-34	-0.9

Units are Acre-feet per year

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Index Cell 35				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	26,788	26,788	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	109,025	107,759	1,266	10.61
Storage	3,273	2,973	300	2.51
Flows Between Index Cells				
Index Cell Number				
Index Cell 31	3,476	3,752	-275	-2.31
Index Cell 36	1,013,712	1,020,143	-6,431	-53.89
Outside Basin Area	233,389	227,052	6,337	53.10
Net Underflow Between Index Cells				-3.10
Metered recharge (no recharge facilities)				

<table> <tr> <td><u>With ASR</u></td> <td><u>Without ASR</u></td> </tr> <tr> <td><u>Flow to IC-35</u></td> <td><u>Flow to IC-35</u></td> </tr> <tr> <td>0.0</td> <td>0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">30</td> </tr> <tr> <td><u>Flow from IC-35</u></td> <td><u>Flow from IC-35</u></td> </tr> <tr> <td>0.0</td> <td>0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td>Flow to IC-35</td> <td>0.0</td> </tr> <tr> <td>Flow from IC-35</td> <td>0.0</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-35</u>	<u>Flow to IC-35</u>	0.0	0.0	Index Cell		30		<u>Flow from IC-35</u>	<u>Flow from IC-35</u>	0.0	0.0	<u>Difference with ASR</u>		Flow to IC-35	0.0	Flow from IC-35	0.0	<table> <tr> <td><u>With ASR</u></td> <td><u>Without ASR</u></td> </tr> <tr> <td><u>Flow to IC-35</u></td> <td><u>Flow to IC-35</u></td> </tr> <tr> <td>1997.4</td> <td>1959.5</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">31</td> </tr> <tr> <td><u>Flow from IC-35</u></td> <td><u>Flow from IC-35</u></td> </tr> <tr> <td>29.1</td> <td>31.4</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td>Flow to IC-35</td> <td>37.9</td> </tr> <tr> <td>Flow from IC-35</td> <td>-2.3</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-35</u>	<u>Flow to IC-35</u>	1997.4	1959.5	Index Cell		31		<u>Flow from IC-35</u>	<u>Flow from IC-35</u>	29.1	31.4	<u>Difference with ASR</u>		Flow to IC-35	37.9	Flow from IC-35	-2.3	<table> <tr> <td><u>With ASR</u></td> <td><u>Without ASR</u></td> </tr> <tr> <td><u>Flow to IC-35</u></td> <td><u>Flow to IC-35</u></td> </tr> <tr> <td>0.0</td> <td>0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">32</td> </tr> <tr> <td><u>Flow from IC-35</u></td> <td><u>Flow from IC-35</u></td> </tr> <tr> <td>0.0</td> <td>0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td>Flow to IC-35</td> <td>0.0</td> </tr> <tr> <td>Flow from IC-35</td> <td>0.0</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-35</u>	<u>Flow to IC-35</u>	0.0	0.0	Index Cell		32		<u>Flow from IC-35</u>	<u>Flow from IC-35</u>	0.0	0.0	<u>Difference with ASR</u>		Flow to IC-35	0.0	Flow from IC-35	0.0
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<p>Units are Acre-feet per year</p>	<table> <tr> <td><u>2016 Recharge Credit</u></td> </tr> <tr> <td>-22.6</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">35</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Change in Infiltration from Arkansas River</u></td> </tr> <tr> <td colspan="2" style="text-align: center;">0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Evapotranspiration Loss</u></td> </tr> <tr> <td colspan="2" style="text-align: center;">10.6</td> </tr> </table>	<u>2016 Recharge Credit</u>	-22.6	Index Cell		35		<u>Change in Infiltration from Arkansas River</u>		0.0		<u>Evapotranspiration Loss</u>		10.6		<table> <tr> <td><u>With ASR</u></td> <td><u>Without ASR</u></td> </tr> <tr> <td><u>Flow to IC-35</u></td> <td><u>Flow to IC-35</u></td> </tr> <tr> <td>127.9</td> <td>124.8</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell</td> </tr> <tr> <td colspan="2" style="text-align: center;">36</td> </tr> <tr> <td><u>Flow from IC-35</u></td> <td><u>Flow from IC-35</u></td> </tr> <tr> <td>8494.1</td> <td>8548.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td>Flow to IC-35</td> <td>3.1</td> </tr> <tr> <td>Flow from IC-35</td> <td>-53.9</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-35</u>	<u>Flow to IC-35</u>	127.9	124.8	Index Cell		36		<u>Flow from IC-35</u>	<u>Flow from IC-35</u>	8494.1	8548.0	<u>Difference with ASR</u>		Flow to IC-35	3.1	Flow from IC-35	-53.9																										
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<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-35</u>	<u>Flow to IC-35</u>
7010.5	7033.0
Index Cell	
39	
<u>Flow from IC-35</u>	<u>Flow from IC-35</u>
1955.6	1902.5
<u>Difference with ASR</u>	
Flow to IC-35	-22.5
Flow from IC-35	53.1

**City of Wichita
2016 ASR Accounting**

Index Cell 36				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	40,248	40,248	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	10,829	9,122	1,707	14.31
Storage	6,607	5,665	943	7.90
Flows Between Index Cells				
Index Cell Number				
Index Cell 31	0	0	0	0.00
Index Cell 32	43,096	56,980	-13,884	-116.33
Index Cell 33	0	0	0	0.00
Index Cell 35	15,262	14,889	373	3.13
Index Cell 37	801,021	806,968	-5,947	-49.83
Outside Basin Area	327,701	308,096	19,605	164.27
Net Underflow Between Index Cells				1.24
Metered recharge (no recharge facilities)				

<p><u>With ASR</u> <u>Flow to IC-36</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-36</u> 0.0</p> <p>Index Cell 31</p> <p><u>Flow from IC-36</u> 0.0</p> <p><u>Flow from IC-36</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-36 0.0 Flow from IC-36 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-36</u> 913.4</p> <p><u>Without ASR</u> <u>Flow to IC-36</u> 835.6</p> <p>Index Cell 32</p> <p><u>Flow from IC-36</u> 361.1</p> <p><u>Flow from IC-36</u> 477.4</p> <p><u>Difference with ASR</u> Flow to IC-36 77.8 Flow from IC-36 -116.3</p>	<p><u>With ASR</u> <u>Flow to IC-36</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-36</u> 0.0</p> <p>Index Cell 33</p> <p><u>Flow from IC-36</u> 0.0</p> <p><u>Flow from IC-36</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-36 0.0 Flow from IC-36 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-36</u> 8494.1</p> <p><u>Without ASR</u> <u>Flow to IC-36</u> 8548.0</p> <p>Index Cell 35</p> <p><u>Flow from IC-36</u> 127.9</p> <p><u>Flow from IC-36</u> 124.8</p> <p><u>Difference with ASR</u> Flow to IC-36 -53.9 Flow from IC-36 3.1</p>	<p><u>2016 Recharge Credit</u> -103.9</p> <p>Index Cell 36</p> <p><u>Evapotranspiration Loss</u> 14.3</p>	<p><u>With ASR</u> <u>Flow to IC-36</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-36</u> 0.0</p> <p>Index Cell 37</p> <p><u>Flow from IC-36</u> 6712.0</p> <p><u>Flow from IC-36</u> 6761.8</p> <p><u>Difference with ASR</u> Flow to IC-36 0.0 Flow from IC-36 -49.8</p>

Units are Acre-feet per year

<u>With ASR</u> <u>Flow to IC-36</u> 0.0	<u>Without ASR</u> <u>Flow to IC-36</u> 0.0
Index Cell 39	
<u>Flow from IC-36</u> 2745.9	<u>Flow from IC-36</u> 2581.6
<u>Difference with ASR</u>	
Flow to IC-36 0.0	Flow from IC-36 164.3

**City of Wichita
2016 ASR Accounting**

Index Cell 37				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	9,329	9,329	0	0.00
River	0	0	0	0.00
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	7,363	6,104	1,259	10.55
Flows Between Index Cells				
Index Cell Number				
Index Cell 33	192,988	231,059	-38,071	-319.01
Index Cell 34	0	0	0	0.00
Index Cell 36	0	0	0	0.00
Index Cell 38	537,348	529,041	8,307	69.61
Outside Basin Area	261,629	238,938	22,690	190.13
Net Underflow Between Index Cells				-59.28
Metered recharge (no recharge facilities)				

<p><u>With ASR</u> <u>Flow to IC-32</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 0.0</p> <p>Index Cell 32</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 0.0 Flow from IC-32 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 411.4</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 414.3</p> <p>Index Cell 33</p> <p><u>Flow from IC-32</u> 1617.1</p> <p><u>Flow from IC-32</u> 1936.1</p> <p><u>Difference with ASR</u> Flow to IC-32 -3.0 Flow from IC-32 -319.0</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 0.0</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 0.0</p> <p>Index Cell 34</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 0.0 Flow from IC-32 0.0</p>
<p><u>With ASR</u> <u>Flow to IC-32</u> 6712.0</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 6761.8</p> <p>Index Cell 36</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Flow from IC-32</u> 0.0</p> <p><u>Difference with ASR</u> Flow to IC-32 -49.8 Flow from IC-32 0.0</p>	<p><u>2016 Recharge Credit</u> -255.4</p> <p>Index Cell 37</p> <p><u>Evapotranspiration Loss</u> 0.0</p>	<p><u>With ASR</u> <u>Flow to IC-32</u> 9.5</p> <p><u>Without ASR</u> <u>Flow to IC-32</u> 5.1</p> <p>Index Cell 38</p> <p><u>Flow from IC-32</u> 4502.6</p> <p><u>Flow from IC-32</u> 4433.0</p> <p><u>Difference with ASR</u> Flow to IC-32 4.4 Flow from IC-32 69.6</p>

Units are Acre-feet per year

<u>With ASR</u> <u>Flow to IC-32</u> 0.0	<u>Without ASR</u> <u>Flow to IC-32</u> 0.0
Index Cell 39	
<u>Flow from IC-32</u> 2192.2	<u>Flow from IC-32</u> 2002.1
<u>Difference with ASR</u> Flow to IC-32 0.0 Flow from IC-32 190.1	

**City of Wichita
2016 ASR Accounting**

Index Cell 38				
	Outflow rate with ASR (ft ³ /day)	Outflow rate without ASR (ft ³ /day)	Outflow rate change due to ASR (ft ³ /day)	Outflow change due to ASR (AF/year)
Flows Within Index Cell				
Well	24,504	24,504	0	0.00
River	474,762	472,690	2,073	17.37
Recharge	0	0	0	0.00
ET	0	0	0	0.00
Storage	3,176	2,651	524	4.39
Flows Between Index Cells				
Index Cell Number				
Index Cell 34	222,852	222,002	850	7.12
Index Cell 37	1,136	613	523	4.38
Outside Basin Area	319,376	314,233	5,143	43.09
Net Underflow Between Index Cells				54.60
Metered recharge (no recharge facilities)				

<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-38</u> 0.0</td> <td style="text-align: center;"><u>Flow to IC-38</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 33</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-38</u> 0.0</td> <td style="text-align: center;"><u>Flow from IC-38</u> 0.0</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-38</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td style="text-align: center;">Flow from IC-38</td> <td style="text-align: center;">0.0</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-38</u> 0.0	<u>Flow to IC-38</u> 0.0	Index Cell 33		<u>Flow from IC-38</u> 0.0	<u>Flow from IC-38</u> 0.0	<u>Difference with ASR</u>		Flow to IC-38	0.0	Flow from IC-38	0.0	<table border="0"> <tr> <td style="text-align: center;"><u>With ASR</u></td> <td style="text-align: center;"><u>Without ASR</u></td> </tr> <tr> <td style="text-align: center;"><u>Flow to IC-38</u> 97.0</td> <td style="text-align: center;"><u>Flow to IC-38</u> 97.9</td> </tr> <tr> <td colspan="2" style="text-align: center;">Index Cell 34</td> </tr> <tr> <td style="text-align: center;"><u>Flow from IC-38</u> 1867.3</td> <td style="text-align: center;"><u>Flow from IC-38</u> 1860.2</td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>Difference with ASR</u></td> </tr> <tr> <td style="text-align: center;">Flow to IC-38</td> <td style="text-align: center;">-0.9</td> </tr> <tr> <td style="text-align: center;">Flow from IC-38</td> <td style="text-align: center;">7.1</td> </tr> </table>	<u>With ASR</u>	<u>Without ASR</u>	<u>Flow to IC-38</u> 97.0	<u>Flow to IC-38</u> 97.9	Index Cell 34		<u>Flow from IC-38</u> 1867.3	<u>Flow from IC-38</u> 1860.2	<u>Difference with ASR</u>		Flow to IC-38	-0.9	Flow from IC-38	7.1
<u>With ASR</u>	<u>Without ASR</u>																												
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<u>With ASR</u>	<u>Without ASR</u>																												
<u>Flow to IC-38</u> 4502.6	<u>Flow to IC-38</u> 4433.0																												
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<u>Evapotranspiration Loss</u> 0.0																													

Index Cell 39	
<u>With ASR</u>	<u>Without ASR</u>
<u>Flow to IC-38</u> 2578.3	<u>Flow to IC-38</u> 2570.4
<u>Flow from IC-38</u> 2676.1	<u>Flow from IC-38</u> 2633.0
<u>Difference with ASR</u>	
Flow to IC-38	8.0
Flow from IC-38	43.1

Units are Acre-feet per year

**APPENDIX B –
2016 WATER BUDGET REPORTS WITH & WITHOUT ASR**

2016
Accounting Model
Detailed Hydrostratigraphic Unit Water Budget

		With ASR		Without ASR	
Summary of HSU Zone Number 1		1.00		1.00	
Flows Within HSU		Inflow	Outflow	Inflow	Outflow
Constant Head		0.00	0.00	0.00	0.00
River		0.00	0.00	0.00	0.00
Drain		0.00	0.00	0.00	0.00
GHB		0.00	0.00	0.00	0.00
Well		0.00	14983.82	0.00	14983.81
Stream		0.00	0.00	0.00	0.00
Lake		0.00	0.00	0.00	0.00
Recharge		342951.60	0.00	342951.60	0.00
ET		0.00	1223.88	0.00	1148.85
Storage		0.00	92341.67	0.00	93600.04
Flows Between HSUs					
HSU Number		Inflow	Outflow	Inflow	Outflow
HSU Zone 2		0.00	324884.30	0.00	324365.90
HSU Zone 4		41073.68	25982.14	40450.19	26103.55
HSU Zone 5		0.00	0.00	0.00	0.00
HSU Zone 39		95833.55	20319.34	96985.27	20057.15
TOTAL FLOWS		479867.20	479743.50	480395.40	480267.60
Error		0.03		0.03	

		With ASR		Without ASR	
Summary of HSU Zone Number 2		2.00		2.00	
Flows Within HSU		Inflow	Outflow	Inflow	Outflow
Constant Head		0.00	0.00	0.00	0.00
River		0.00	0.00	0.00	0.00
Drain		0.00	0.00	0.00	0.00
GHB		0.00	0.00	0.00	0.00
Well		54.51	23703.38	0.00	23703.38
Stream		0.00	0.00	0.00	0.00
Lake		0.00	0.00	0.00	0.00
Recharge		331326.10	0.00	331326.10	0.00
ET		0.00	0.00	0.00	0.00
Storage		0.00	90393.78	0.00	92090.63
Flows Between HSUs					
HSU Number		Inflow	Outflow	Inflow	Outflow
HSU Zone 1		324884.30	0.00	324365.90	0.00
HSU Zone 3		0.00	487959.40	0.00	485662.60
HSU Zone 4		0.00	0.00	0.00	0.00
HSU Zone 5		46120.47	5553.02	44115.29	6055.18
HSU Zone 6		0.00	0.00	0.00	0.00
HSU Zone 39		7362.31	101490.00	7629.67	99323.82
TOTAL FLOWS		709755.30	709107.10	707442.60	706841.30
Error		0.09		0.09	

2016
Accounting Model
Detailed Hydrostratigraphic Unit Water Budget

	With ASR		Without ASR	
Summary of HSU Zone Number 3			3.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	969877.30	0.00	966513.50
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	11340.32	0.00	10404.70
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	339742.50	0.00	339742.50	0.00
ET	0.00	0.00	0.00	0.00
Storage	2.22	38029.98	1.90	38030.41
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 2	487959.40	0.00	485662.60	0.00
HSU Zone 5	0.00	0.00	0.00	0.00
HSU Zone 6	19193.21	39277.33	18373.85	40420.04
HSU Zone 7	1952.85	1952.85	1955.98	1955.98
HSU Zone 39	295760.70	103463.00	295662.50	102805.70
TOTAL FLOWS	1163514.00	1164358.00	1159724.00	1160542.00
Error	-0.07		-0.07	
Summary of HSU Zone Number 4			4.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	30555.24	0.00	30555.24
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	240653.40	0.00	240653.40	0.00
ET	0.00	6879.09	0.00	6347.18
Storage	0.00	87338.45	0.00	88470.46
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 1	25982.14	41073.68	26103.55	40450.19
HSU Zone 2	0.00	0.00	0.00	0.00
HSU Zone 5	0.00	129774.20	0.00	131196.10
HSU Zone 8	0.00	40903.25	0.00	40710.63
HSU Zone 9	0.00	0.00	0.00	0.00
HSU Zone 39	71744.80	1675.70	72848.05	1683.98
TOTAL FLOWS	338395.00	338214.30	339619.70	339428.40
Error	0.05		0.06	

2016
Accounting Model
Detailed Hydrostratigraphic Unit Water Budget

	With ASR		Without ASR	
Summary of HSU Zone Number 5			5.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head		0.00	0.00	0.00
River		0.00	0.00	0.00
Drain		0.00	0.00	0.00
GHB		0.00	0.00	0.00
Well	221.35	76424.66	0.00	76424.65
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	322046.90	0.00	322046.90	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	109876.90	0.00	112942.90
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 1	0.00	0.00	0.00	7.00
HSU Zone 2	5553.02	46120.47	6055.18	44115.29
HSU Zone 3	0.00	0.00	0.00	0.00
HSU Zone 4	129774.20	0.00	131196.10	0.00
HSU Zone 6	2133.34	186025.90	2195.79	185651.90
HSU Zone 8	0.00	0.00	0.00	0.00
HSU Zone 9	0.00	40903.56	0.00	42096.79
HSU Zone 10	0.00	0.00	0.00	0.00
TOTAL FLOWS	459751.20	459373.70	461509.40	461246.90
Error	0.08		0.06	
Summary of HSU Zone Number 6			6.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head		0.00	0.00	0.00
River		0.00	0.00	0.00
Drain		0.00	0.00	0.00
GHB		0.00	0.00	0.00
Well	15460.34	161922.48	0.00	161922.46
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	250750.00	0.00	250750.00	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	68162.84	0.00	64772.47
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 2	0.00	0.00	0.00	0.00
HSU Zone 3	39277.33	19193.21	40420.04	18373.85
HSU Zone 5	186025.90	2133.34	185651.90	2195.79
HSU Zone 7	0.00	249829.00	0.00	241249.10
HSU Zone 9	0.00	0.00	0.00	0.00
HSU Zone 10	25059.82	14475.17	27565.28	15166.56
HSU Zone 11	0.00	0.00	0.00	0.00
TOTAL FLOWS	501197.90	500340.50	504472.50	503765.40
Error	0.17		0.14	

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	With ASR		Without ASR	
Summary of HSU Zone Number 7	7.00		7.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	228.33	382180.40	332.62	372231.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	1358.18	0.00	1358.18
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	86646.15	0.00	86646.15	0.00
ET	0.00	0.00	0.00	0.00
Storage	1.45	8634.00	1.41	7811.27
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 3	1952.85	20439.64	1955.98	19868.25
HSU Zone 6	249829.00	0.00	241249.10	0.00
HSU Zone 10	0.00	0.00	0.00	0.00
HSU Zone 11	36201.69	3257.09	33189.39	3875.64
HSU Zone 39	75490.18	34527.33	75594.65	33933.28
TOTAL FLOWS	450349.70	450396.60	438969.30	439077.70
Error	-0.01		-0.02	
Summary of HSU Zone Number 8	8.00		8.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	56793.63	0.00	56793.62
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	180876.10	0.00	180876.10	0.00
ET	0.00	106352.00	0.00	101230.40
Storage	0.00	53816.04	0.00	52439.55
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 4	40903.25	0.00	40710.63	0.00
HSU Zone 5	0.00	0.00	0.00	0.00
HSU Zone 9	2298.88	144500.60	2497.43	154097.90
HSU Zone 13	2108.85	32539.64	3426.20	32238.06
HSU Zone 14	0.00	0.00	0.00	0.00
HSU Zone 39	167870.20	0.00	169352.90	0.00
TOTAL FLOWS	394064.80	394009.50	396871.50	396807.80
Error	0.01		0.02	

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With ASR			Without ASR		
Summary of HSU Zone Number 9			9.00		
Flows Within HSU			Flows Within HSU		
	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	0.00	0.00	0.00	0.00	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	244.13	36702.61	0.00	36702.61	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	176183.50	0.00	176183.50	0.00	
ET	0.00	0.00	0.00	0.00	
Storage	0.00	96073.63	0.00	88453.91	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 4	0.00	0.00	0.00	0.00	
HSU Zone 5	40903.56	0.00	42096.79	0.00	
HSU Zone 6	0.00	0.00	0.00	0.00	
HSU Zone 8	144500.60	2298.88	154097.90	2497.43	
HSU Zone 10	0.00	181377.60	0.00	178707.00	
HSU Zone 13	0.00	0.00	0.00	0.00	
HSU Zone 14	0.00	45295.98	0.00	65962.19	
HSU Zone 15	0.00	0.00	0.00	0.00	
TOTAL FLOWS	361832.90	361749.70	372386.20	372331.10	
Error	0.02		0.01		

Summary of HSU Zone Number 10			10.00		
Flows Within HSU			Flows Within HSU		
	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	0.00	0.00	0.00	0.00	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	6367.88	121056.98	0.00	121057.00	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	215268.20	0.00	215268.20	0.00	
ET	0.00	0.00	0.00	0.00	
Storage	0.00	71182.70	0.00	61523.69	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 5	0.00	0.00	0.00	0.00	
HSU Zone 6	14475.17	25059.82	15166.56	27565.28	
HSU Zone 7	0.00	0.00	0.00	0.00	
HSU Zone 9	181377.60	0.00	178707.00	0.00	
HSU Zone 11	0.00	202842.60	0.00	192666.40	
HSU Zone 14	0.00	0.00	0.00	0.00	
HSU Zone 15	15039.68	12089.31	12565.81	18677.48	
HSU Zone 16	0.00	0.00	0.00	0.00	
TOTAL FLOWS	426160.60	425863.50	421707.50	421489.80	
Error	0.07		0.05		

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	With ASR		Without ASR	
Summary of HSU Zone Number 11	11.00		11.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	46013.96	0.00	44412.42
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	34333.45	0.00	34333.45
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	117435.50	0.00	117435.50	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.36	37101.76	0.36	31934.31
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 6	0.00	0.00	0.00	0.00
HSU Zone 7	3257.09	36201.69	3875.64	33189.39
HSU Zone 10	202842.60	0.00	192666.40	0.00
HSU Zone 12	0.00	128679.60	0.00	126201.00
HSU Zone 15	0.00	0.00	0.00	0.00
HSU Zone 16	0.00	46224.49	0.00	49147.63
HSU Zone 17	0.00	0.00	0.00	0.00
HSU Zone 39	16020.24	10796.19	16045.50	10630.19
TOTAL FLOWS	339557.00	339352.40	330024.60	329849.60
Error	0.06		0.05	
Summary of HSU Zone Number 12	12.00		12.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	165289.60	315603.80	166262.40	313363.10
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	0.00	0.00	0.00
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	44942.77	0.00	44942.77	0.00
ET	0.00	0.00	0.00	0.00
Storage	2.65	4736.32	3.19	4278.91
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 7	0.00	0.00	0.00	0.00
HSU Zone 11	128679.60	0.00	126201.00	0.00
HSU Zone 16	0.00	0.00	0.00	0.00
HSU Zone 17	844.30	28915.20	718.08	30770.85
HSU Zone 39	188518.10	178597.80	188663.80	177958.90
TOTAL FLOWS	528277.20	527853.40	526791.40	526371.90
Error	0.08		0.08	

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With ASR				Without ASR			
Summary of HSU Zone Number 13			13.00	Summary of HSU Zone Number 13			13.00
Flows Within HSU				Flows Within HSU			
	Inflow	Outflow		Inflow	Outflow		
Constant Head	0.00	0.00		0.00	0.00		
River	0.00	0.00		0.00	0.00		
Drain	0.00	0.00		0.00	0.00		
GHB	0.00	0.00		0.00	0.00		
Well	0.00	40596.73		0.00	40596.73		
Stream	0.00	0.00		0.00	0.00		
Lake	0.00	0.00		0.00	0.00		
Recharge	325664.70	0.00		325664.70	0.00		
ET	0.00	279552.40		0.00	268716.10		
Storage	0.00	26401.65		0.00	25437.80		
Flows Between HSUs							
HSU Number	Inflow	Outflow		Inflow	Outflow		
HSU Zone 8	32539.64	2108.85		32238.06	3426.20		
HSU Zone 9	0.00	0.00		0.00	0.00		
HSU Zone 14	0.00	298797.30		0.00	313332.80		
HSU Zone 18	0.00	80102.15		0.00	77775.87		
HSU Zone 19	0.00	0.00		0.00	0.00		
HSU Zone 39	369300.80	0.00		371340.80	0.00		
TOTAL FLOWS	727505.20	727559.00		729243.60	729285.60		
Error	-0.01			-0.01			

Summary of HSU Zone Number 14			14.00	Summary of HSU Zone Number 14			14.00
Flows Within HSU				Flows Within HSU			
	Inflow	Outflow		Inflow	Outflow		
Constant Head	0.00	0.00		0.00	0.00		
River	0.00	0.00		0.00	0.00		
Drain	0.00	0.00		0.00	0.00		
GHB	0.00	0.00		0.00	0.00		
Well	73558.39	142321.96		0.00	142221.70		
Stream	0.00	0.00		0.00	0.00		
Lake	0.00	0.00		0.00	0.00		
Recharge	157912.80	0.00		157912.80	0.00		
ET	0.00	46307.95		0.00	28208.37		
Storage	0.00	57652.35		0.00	50800.35		
Flows Between HSUs							
HSU Number	Inflow	Outflow		Inflow	Outflow		
HSU Zone 8	0.00	0.00		0.00	0.00		
HSU Zone 9	45295.98	0.00		65962.19	0.00		
HSU Zone 10	0.00	0.00		0.00	0.00		
HSU Zone 13	298797.30	0.00		313332.80	0.00		
HSU Zone 15	0.00	329304.90		0.00	324114.70		
HSU Zone 18	0.00	0.00		0.00	0.00		
HSU Zone 19	63677.81	63543.97		70754.98	62513.47		
HSU Zone 20	0.00	0.00		0.00	0.00		
TOTAL FLOWS	630777.20	630666.10		607970.20	607866.10		
Error	0.02			0.02			

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	With ASR		Without ASR	
Summary of HSU Zone Number 15	15.00		15.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	24229.63	194365.86	0.00	194365.80
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	168932.80	0.00	168932.80	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	72901.84	0.00	61224.94
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 9	0.00	0.00	0.00	0.00
HSU Zone 10	12089.31	15039.68	18677.48	12565.81
HSU Zone 11	0.00	0.00	0.00	0.00
HSU Zone 14	329304.90	0.00	324114.70	0.00
HSU Zone 16	1341.80	322659.60	1527.87	317785.80
HSU Zone 19	0.00	0.00	0.00	0.00
HSU Zone 20	69950.20	0.00	73339.60	0.00
HSU Zone 21	0.00	0.00	0.00	0.00
TOTAL FLOWS	581621.00	580739.30	586594.40	585944.40
Error	0.15		0.11	
Summary of HSU Zone Number 16	16.00		16.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	11441.78	258551.99	0.00	258552.00
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	118222.70	0.00	118222.70	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	57219.12	0.00	48592.93
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 10	0.00	0.00	0.00	0.00
HSU Zone 11	46224.49	0.00	49147.63	0.00
HSU Zone 12	0.00	0.00	0.00	0.00
HSU Zone 15	322659.60	1341.80	317785.80	1527.87
HSU Zone 17	0.00	182741.30	0.00	177477.70
HSU Zone 20	0.00	0.00	0.00	0.00
HSU Zone 21	16556.19	14621.60	17790.30	16277.09
HSU Zone 22	0.00	14621.60	0.00	16277.09
TOTAL FLOWS	506453.80	505824.80	502946.40	502427.60
Error	0.12		0.10	

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	With ASR		Without ASR	
Summary of HSU Zone Number 17	17.00		17.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	572722.70	0.00	569001.50
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	48169.01	0.00	48169.01
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	166904.30	0.00	166904.30	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.73	28539.99	1.75	25815.36
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 11	0.00	0.00	0.00	0.00
HSU Zone 12	28915.20	844.30	30770.85	718.08
HSU Zone 16	182741.30	0.00	177477.70	0.00
HSU Zone 21	0.00	0.00	0.00	0.00
HSU Zone 22	126.15	32026.76	0.00	34521.59
HSU Zone 23	0.00	29821.45	0.00	30482.17
HSU Zone 39	341332.10	7536.07	341391.60	7520.76
TOTAL FLOWS	720029.60	719670.00	716555.90	716238.10
Error	0.05		0.04	
Summary of HSU Zone Number 18	18.00		18.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	35949.53	0.00	35949.53
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	337138.80	0.00	337138.80	0.00
ET	0.00	212708.40	0.00	209431.90
Storage	0.00	20487.15	0.00	20281.51
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 13	80102.15	0.00	77775.87	0.00
HSU Zone 14	0.00	0.00	0.00	0.00
HSU Zone 19	0.00	378608.20	0.00	381889.90
HSU Zone 24	0.00	185350.00	0.00	184420.20
HSU Zone 25	0.00	0.00	0.00	0.00
HSU Zone 39	423184.30	7301.82	424346.90	7267.71
TOTAL FLOWS	840425.40	840405.10	839261.60	839240.80
Error	0.00		0.00	

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	With ASR		Without ASR	
Summary of HSU Zone Number 19	19.00		19.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	1370.63	64933.09	0.00	64933.09
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	263586.50	0.00	263586.50	0.00
ET	0.00	35623.72	0.00	31430.59
Storage	0.00	44004.88	0.00	42196.82
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 13	0.00	0.00	0.00	0.00
HSU Zone 14	63543.97	63677.81	62513.47	70754.98
HSU Zone 15	0.00	0.00	0.00	0.00
HSU Zone 18	378608.20	0.00	381889.90	0.00
HSU Zone 20	0.00	424099.80	0.00	428198.40
HSU Zone 24	0.00	0.00	0.00	0.00
HSU Zone 25	6093.39	80192.11	6806.85	76727.95
HSU Zone 26	0.00	0.00	0.00	0.00
TOTAL FLOWS	713227.60	712556.30	714802.60	714247.60
Error	0.09		0.08	
Summary of HSU Zone Number 20	20.00		20.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	10329.49	37631.01	0.00	37731.27
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	121931.30	0.00	121931.30	0.00
ET	0.00	9.00	0.00	0.00
Storage	0.00	89344.45	0.00	82196.64
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 14	0.00	0.00	0.00	0.00
HSU Zone 15	0.00	69950.20	0.00	73339.60
HSU Zone 16	0.00	0.00	0.00	0.00
HSU Zone 19	424099.80	0.00	428198.40	0.00
HSU Zone 21	0.00	336971.20	0.00	338213.80
HSU Zone 25	0.00	0.00	0.00	0.00
HSU Zone 26	233.71	22071.87	512.36	18634.69
HSU Zone 27	0.00	0.00	0.00	0.00
TOTAL FLOWS	556255.50	555638.90	550642.00	550116.00
Error	0.11		0.10	

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	With ASR		Without ASR	
Summary of HSU Zone Number 21	21.00		21.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	23687.53	184775.49	0.00	184412.00
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	112319.10	0.00	112319.10	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	77183.12	0.00	68700.23
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 15	0.00	0.00	0.00	0.00
HSU Zone 16	14621.60	16556.19	16277.09	17790.30
HSU Zone 17	0.00	0.00	0.00	0.00
HSU Zone 20	336971.20	0.00	338213.80	0.00
HSU Zone 22	2330.60	215817.40	1746.52	207106.10
HSU Zone 26	0.00	0.00	0.00	0.00
HSU Zone 27	25434.48	19953.13	28909.82	18570.49
HSU Zone 28	0.00	0.00	0.00	0.00
TOTAL FLOWS	496650.00	495570.80	497466.30	496579.10
Error	0.22		0.18	
Summary of HSU Zone Number 22	22.00		22.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	3288.12	84960.53	0.00	84960.53
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	163453.00	0.00	163453.00	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	54558.27	0.00	48534.45
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 16	0.00	0.00	0.00	0.00
HSU Zone 17	32026.76	126.15	34521.59	0.00
HSU Zone 21	215817.40	2330.60	207106.10	1746.52
HSU Zone 23	0.00	189881.10	0.00	186347.00
HSU Zone 27	0.00	0.00	0.00	0.00
HSU Zone 28	9042.29	91379.85	9172.43	92332.68
HSU Zone 29	0.00	0.00	0.00	0.00
TOTAL FLOWS	420340.80	419949.70	414254.30	413922.40
Error	0.09		0.08	

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With ASR			Without ASR		
Summary of HSU Zone Number 23			23.00		
Flows Within HSU			Flows Within HSU		
	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	58367.38	532811.40	62346.29	525305.10	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	0.00	55856.82	0.00	55856.82	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	273562.00	0.00	273562.00	0.00	
ET	0.00	0.00	0.00	0.00	
Storage	1.18	9910.24	0.49	8580.85	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 17	29821.45	0.00	30482.17	0.00	
HSU Zone 22	189881.10	0.00	186347.00	0.00	
HSU Zone 28	0.00	0.00	0.00	0.00	
HSU Zone 29	0.00	340475.30	0.00	353316.00	
HSU Zone 39	502732.90	115952.60	504630.90	114948.60	
TOTAL FLOWS	1054366.00	1055006.00	1057369.00	1058007.00	
Error	-0.06		-0.06		
Summary of HSU Zone Number 24			24.00		
Flows Within HSU			Flows Within HSU		
	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	0.00	0.00	0.00	0.00	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	0.00	45783.11	0.00	45783.12	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	340075.50	0.00	340075.50	0.00	
ET	0.00	188343.60	0.00	187483.80	
Storage	0.00	10596.64	0.00	10547.74	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 18	185350.00	0.00	184420.20	0.00	
HSU Zone 19	0.00	0.00	0.00	0.00	
HSU Zone 25	5070.03	386666.10	5025.01	387392.40	
HSU Zone 39	380163.50	279289.50	380384.90	278710.50	
TOTAL FLOWS	910664.70	910684.60	909911.30	909923.30	
Error	0.00		0.00		

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	With ASR		Without ASR	
Summary of HSU Zone Number 25	25.00		25.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	51742.12	0.00	51742.12
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	341498.40	0.00	341498.40	0.00
ET	0.00	205332.60	0.00	202354.80
Storage	0.00	19823.39	0.00	19552.90
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 18	0.00	0.00	0.00	0.00
HSU Zone 19	80192.11	6093.39	76727.95	6806.85
HSU Zone 20	0.00	0.00	0.00	0.00
HSU Zone 24	386666.10	5070.03	387392.40	5025.01
HSU Zone 26	0.00	301306.40	0.00	301807.40
HSU Zone 30	0.00	0.00	0.00	0.00
HSU Zone 39	0.00	218899.50	0.00	218257.70
TOTAL FLOWS	808381.00	808292.00	805643.20	805571.30
Error	0.01		0.01	
Summary of HSU Zone Number 26	26.00		26.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	-430.62	213373.68	0.00	213612.90
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	192592.40	0.00	192592.40	0.00
ET	0.00	3500.58	0.00	3178.94
Storage	0.00	51955.51	0.00	50258.30
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 19	0.00	0.00	0.00	0.00
HSU Zone 20	22071.87	233.71	18634.69	512.36
HSU Zone 21	0.00	0.00	0.00	0.00
HSU Zone 25	301306.40	0.00	301807.40	0.00
HSU Zone 27	0.00	159106.60	0.00	159949.40
HSU Zone 30	9663.43	96708.02	9866.80	95090.68
HSU Zone 31	0.00	0.00	0.00	0.00
HSU Zone 39	0.00	0.00	0.00	0.00
TOTAL FLOWS	525634.10	525308.70	522901.30	522602.60
Error	0.06		0.06	

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	With ASR		Without ASR	
Summary of HSU Zone Number 27	27.00		27.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	13954.08	0.00	14317.51
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	136236.10	0.00	136236.10	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	80157.64	0.00	75114.96
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 20	0.00	0.00	0.00	0.00
HSU Zone 21	19953.13	25434.48	18570.49	28909.82
HSU Zone 22	0.00	0.00	0.00	0.00
HSU Zone 26	159106.60	0.00	159949.40	0.00
HSU Zone 28	0.00	170892.90	0.00	172229.30
HSU Zone 30	0.00	0.00	0.00	0.00
HSU Zone 31	8951.42	33660.51	9333.06	33397.54
HSU Zone 32	0.00	0.00	0.00	0.00
TOTAL FLOWS	324621.20	324473.70	324100.20	323980.40
Error	0.05		0.04	
Summary of HSU Zone Number 28	28.00		28.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	4780.98	182073.18	0.00	182073.20
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	153417.00	0.00	153417.00	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	64890.42	0.00	56702.19
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 21	0.00	0.00	0.00	0.00
HSU Zone 22	91379.85	9042.29	92332.68	9172.43
HSU Zone 23	0.00	0.00	0.00	0.00
HSU Zone 27	170892.90	0.00	172229.30	0.00
HSU Zone 29	2540.26	163926.50	5251.62	160341.90
HSU Zone 31	0.00	0.00	0.00	0.00
HSU Zone 32	33810.43	36701.00	22795.94	37574.92
HSU Zone 33	0.00	0.00	0.00	0.00
TOTAL FLOWS	452040.50	451852.40	446026.50	445864.60
Error	0.04		0.04	

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With ASR			Without ASR		
Summary of HSU Zone Number 29			29.00		
Flows Within HSU	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	238807.50	822674.90	240795.90	785355.50	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	0.00	72844.27	0.00	72844.27	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	399701.50	0.00	399701.50	0.00	
ET	0.00	0.00	0.00	0.00	
Storage	1.68	18209.23	3.53	14863.94	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 22	0.00	0.00	0.00	0.00	
HSU Zone 23	340475.30	0.00	353316.00	0.00	
HSU Zone 28	163926.50	2540.26	160341.90	5251.62	
HSU Zone 32	0.00	0.00	0.00	0.00	
HSU Zone 33	21840.96	97080.76	6342.99	128891.50	
HSU Zone 34	0.00	18622.94	0.00	20619.36	
HSU Zone 39	265727.70	399142.10	265896.00	399396.70	
TOTAL FLOWS	1430482.00	1431115.00	1426399.00	1427224.00	
Error	-0.04		-0.06		
Summary of HSU Zone Number 30			30.00		
Flows Within HSU	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	0.00	0.00	0.00	0.00	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	0.00	89405.22	0.00	89166.00	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	225243.60	0.00	225243.60	0.00	
ET	0.00	136521.50	0.00	136144.70	
Storage	0.00	14515.74	0.00	14119.00	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 25	0.00	0.00	0.00	0.00	
HSU Zone 26	96708.02	9663.43	95090.68	9866.80	
HSU Zone 27	0.00	0.00	0.00	0.00	
HSU Zone 31	0.00	799622.00	0.00	801510.00	
HSU Zone 35	0.00	0.00	0.00	0.00	
HSU Zone 39	839421.40	111490.10	841629.70	111021.90	
TOTAL FLOWS	1161373.00	111490.10	1161967.00	111021.90	
Error	0.01		0.01		

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With ASR				Without ASR			
Summary of HSU Zone Number 31			31.00	31.00			
Flows Within HSU				Flows Within HSU			
	Inflow	Outflow		Inflow	Outflow		
Constant Head	0.00	0.00		0.00	0.00		
River	0.00	0.00		0.00	0.00		
Drain	0.00	0.00		0.00	0.00		
GHB	0.00	0.00		0.00	0.00		
Well	0.00	64234.07		0.00	64234.08		
Stream	0.00	0.00		0.00	0.00		
Lake	0.00	0.00		0.00	0.00		
Recharge	208486.60	0.00		208486.60	0.00		
ET	0.00	21622.26		0.00	20788.23		
Storage	0.00	24541.92		0.00	23031.14		
Flows Between HSUs				Flows Between HSUs			
HSU Number	Inflow	Outflow		Inflow	Outflow		
HSU Zone 26	0.00	0.00		0.00	0.00		
HSU Zone 27	33660.51	8951.42		33397.54	9333.06		
HSU Zone 28	0.00	0.00		0.00	0.00		
HSU Zone 30	799622.00	0.00		801510.00	0.00		
HSU Zone 32	0.00	687035.40		0.00	695468.50		
HSU Zone 35	3476.44	238376.60		3751.82	233847.80		
HSU Zone 36	0.00	0.00		0.00	0.00		
HSU Zone 39	0.00	0.00		0.00	0.00		
TOTAL FLOWS	1045360.00	1044876.00		1047262.00	1046819.00		
Error	0.05			0.04			
Summary of HSU Zone Number 32			32.00	32.00			
Flows Within HSU				Flows Within HSU			
	Inflow	Outflow		Inflow	Outflow		
Constant Head	0.00	0.00		0.00	0.00		
River	0.00	0.00		0.00	0.00		
Drain	0.00	0.00		0.00	0.00		
GHB	0.00	0.00		0.00	0.00		
Well	0.00	203449.70		0.00	203449.70		
Stream	0.00	0.00		0.00	0.00		
Lake	0.00	0.00		0.00	0.00		
Recharge	224108.30	0.00		224108.30	0.00		
ET	0.00	2987.36		0.00	2392.10		
Storage	0.00	38370.96		0.00	33146.85		
Flows Between HSUs				Flows Between HSUs			
HSU Number	Inflow	Outflow		Inflow	Outflow		
HSU Zone 27	0.00	0.00		0.00	0.00		
HSU Zone 28	36701.00	33810.43		37574.92	22795.94		
HSU Zone 29	0.00	0.00		0.00	0.00		
HSU Zone 31	687035.40	0.00		695468.50	0.00		
HSU Zone 33	29568.53	632633.00		0.00	652420.70		
HSU Zone 35	0.00	0.00		0.00	0.00		
HSU Zone 36	43096.37	109011.40		56980.06	99727.88		
HSU Zone 37	0.00	0.00		0.00	0.00		
TOTAL FLOWS	1020510.00	1020263.00		1014132.00	1013933.00		
Error	0.02			0.02			

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With ASR			Without ASR		
Summary of HSU Zone Number 33			33.00		
Flows Within HSU			Flows Within HSU		
	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	0.00	0.00	0.00	0.00	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	182865.27	282006.07	0.00	282415.47	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	291620.90	0.00	291620.90	0.00	
ET	0.00	0.00	0.00	0.00	
Storage	0.00	16600.05	0.00	13544.72	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 28	0.00	0.00	0.00	0.00	
HSU Zone 29	97080.76	21840.96	128891.50	6342.99	
HSU Zone 32	632633.00	29568.53	652420.70	0.00	
HSU Zone 34	0.00	997142.70	0.00	951479.90	
HSU Zone 36	0.00	0.00	0.00	0.00	
HSU Zone 37	192988.00	49093.87	231059.30	49447.69	
HSU Zone 38	0.00	0.00	0.00	0.00	
TOTAL FLOWS	1397599.00	1396663.00	1303994.00	1303232.00	
Error	0.07		0.06		
Summary of HSU Zone Number 34			34.00		
Flows Within HSU			Flows Within HSU		
	Inflow	Outflow	Inflow	Outflow	
Constant Head	0.00	0.00	0.00	0.00	
River	23515.11	895922.50	23550.10	872584.00	
Drain	0.00	0.00	0.00	0.00	
GHB	0.00	0.00	0.00	0.00	
Well	0.00	14957.59	0.00	14957.60	
Stream	0.00	0.00	0.00	0.00	
Lake	0.00	0.00	0.00	0.00	
Recharge	199570.70	0.00	199570.70	0.00	
ET	0.00	0.00	0.00	0.00	
Storage	1.59	2621.94	2.11	2136.94	
Flows Between HSUs					
HSU Number	Inflow	Outflow	Inflow	Outflow	
HSU Zone 29	18622.94	0.00	20619.36	0.00	
HSU Zone 33	997142.70	0.00	951479.90	0.00	
HSU Zone 37	0.00	0.00	0.00	0.00	
HSU Zone 38	222852.00	11576.52	222002.00	11686.17	
HSU Zone 39	291159.70	827917.40	294249.30	810358.40	
TOTAL FLOWS	1752870.00	1753002.00	1711479.00	1711729.00	
Error	-0.01		-0.01		

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With ASR				Without ASR			
Summary of HSU Zone Number 35				35.00			
Flows Within HSU				Flows Within HSU			
	Inflow	Outflow		Inflow	Outflow		
Constant Head	0.00	0.00		0.00	0.00		
River	183588.10	0.00		184570.40	0.00		
Drain	0.00	0.00		0.00	0.00		
GHB	0.00	0.00		0.00	0.00		
Well	0.00	26787.61		0.00	26787.61		
Stream	0.00	0.00		0.00	0.00		
Lake	0.00	0.00		0.00	0.00		
Recharge	115800.70	0.00		115800.70	0.00		
ET	0.00	109024.90		0.00	107758.70		
Storage	0.00	3272.69		0.00	2972.87		
Flows Between HSUs							
HSU Number	Inflow	Outflow		Inflow	Outflow		
HSU Zone 30	0.00	0.00		0.00	0.00		
HSU Zone 31	238376.60	3476.44		233847.80	3751.82		
HSU Zone 32	0.00	0.00		0.00	0.00		
HSU Zone 36	15262.49	1013712.00		14889.04	1020143.00		
HSU Zone 39	836647.80	233389.30		839332.30	227052.30		
TOTAL FLOWS	1389676.00	1389663.00		1388440.00	1388467.00		
Error	0.00			0.00			
Summary of HSU Zone Number 36				36.00			
Flows Within HSU				Flows Within HSU			
	Inflow	Outflow		Inflow	Outflow		
Constant Head	0.00	0.00		0.00	0.00		
River	0.00	0.00		0.00	0.00		
Drain	0.00	0.00		0.00	0.00		
GHB	0.00	0.00		0.00	0.00		
Well	0.00	40248.23		0.00	40248.23		
Stream	0.00	0.00		0.00	0.00		
Lake	0.00	0.00		0.00	0.00		
Recharge	122385.40	0.00		122385.40	0.00		
ET	0.00	10829.22		0.00	9122.02		
Storage	0.00	6607.40		0.00	5664.58		
Flows Between HSUs							
HSU Number	Inflow	Outflow		Inflow	Outflow		
HSU Zone 31	0.00	0.00		0.00	0.00		
HSU Zone 32	109011.40	43096.37		99727.88	56980.06		
HSU Zone 33	0.00	0.00		0.00	0.00		
HSU Zone 35	1013712.00	15262.49		1020143.00	14889.04		
HSU Zone 37	0.00	801021.40		0.00	806967.90		
HSU Zone 39	0.00	327700.50		0.00	308095.70		
TOTAL FLOWS	1245108.00	1244766.00		1242257.00	1241968.00		
Error	0.03			0.02			

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	With ASR		Without ASR	
Summary of HSU Zone Number 37	37.00		37.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	0.00	0.00	0.00
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	9328.80	0.00	9328.80
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	157640.30	0.00	157640.30	0.00
ET	0.00	0.00	0.00	0.00
Storage	0.00	7363.04	0.00	6103.91
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 32	0.00	0.00	0.00	0.00
HSU Zone 33	49093.87	192988.00	49447.69	231059.30
HSU Zone 34	0.00	0.00	0.00	0.00
HSU Zone 36	801021.40	0.00	806967.90	0.00
HSU Zone 38	1136.16	537347.50	613.48	529040.60
HSU Zone 39	0.00	261628.50	0.00	238938.30
TOTAL FLOWS	1008892.00	1008656.00	1014669.00	1014471.00
Error	0.02		0.02	
Summary of HSU Zone Number 38	38.00		38.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	0.00	474762.30	0.00	472689.80
Drain	0.00	0.00	0.00	0.00
GHB	0.00	0.00	0.00	0.00
Well	0.00	24503.63	0.00	24503.63
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	188914.00	0.00	188914.00	0.00
ET	0.00	0.00	0.00	0.00
Storage	1.31	3175.59	1.31	2651.14
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 33	0.00	0.00	0.00	0.00
HSU Zone 34	11576.52	222852.00	11686.17	222002.00
HSU Zone 37	537347.50	1136.16	529040.60	613.48
HSU Zone 39	307706.10	319376.00	306756.50	314233.10
TOTAL FLOWS	1045545.00	1045806.00	1036399.00	1036693.00
Error	-0.02		-0.03	

2016
Accounting Model
Detailed Hydrostratigraphic Unit Water Budget

	With ASR		Without ASR	
Summary of HSU Zone Number	39.00		39.00	
Flows Within HSU	Inflow	Outflow	Inflow	Outflow
Constant Head	0.00	0.00	0.00	0.00
River	12968880.00	20024510.00	12999560.00	19970850.00
Drain	0.00	2446076.00	0.00	2446019.00
GHB	2394208.00	1111953.00	2394224.00	1111952.00
Well	0.00	6957000.16	0.00	6956999.55
Stream	0.00	0.00	0.00	0.00
Lake	0.00	0.00	0.00	0.00
Recharge	39788310.00	0.00	39788310.00	0.00
ET	0.00	18233410.00	0.00	18223300.00
Storage	986.38	4219000.00	988.19	4218401.00
Flows Between HSUs				
HSU Number	Inflow	Outflow	Inflow	Outflow
HSU Zone 1	20319.34	95833.55	20057.15	96985.27
HSU Zone 2	101490.00	7362.31	99323.82	7629.67
HSU Zone 3	103463.00	295760.70	102805.70	295662.50
HSU Zone 4	1675.70	71744.80	1683.98	72848.05
HSU Zone 5	0.00	0.00	0.00	0.00
HSU Zone 6	0.00	0.00	0.00	0.00
HSU Zone 7	34527.33	75490.18	33933.28	75594.65
HSU Zone 8	0.00	167870.20	0.00	169352.90
HSU Zone 9	0.00	0.00	0.00	0.00
HSU Zone 10	0.00	0.00	0.00	0.00
HSU Zone 11	10796.19	16020.24	10630.19	16045.50
HSU Zone 12	178597.80	188518.10	177958.90	188663.80
HSU Zone 13	0.00	369300.80	0.00	371340.80
HSU Zone 14	0.00	0.00	0.00	0.00
HSU Zone 15	0.00	0.00	0.00	0.00
HSU Zone 16	0.00	0.00	0.00	0.00
HSU Zone 17	7536.07	341332.10	7520.76	341391.60
HSU Zone 18	7301.82	423184.30	7267.71	424346.90
HSU Zone 19	0.00	0.00	0.00	0.00
HSU Zone 20	0.00	0.00	0.00	0.00
HSU Zone 21	0.00	0.00	0.00	0.00
HSU Zone 22	0.00	0.00	0.00	0.00
HSU Zone 23	115952.60	502732.90	114948.60	504630.90
HSU Zone 24	279289.50	380163.50	278710.50	380384.90
HSU Zone 25	218899.50	0.00	218257.70	0.00
HSU Zone 26	0.00	0.00	0.00	0.00
HSU Zone 27	0.00	0.00	0.00	0.00
HSU Zone 28	0.00	0.00	0.00	0.00
HSU Zone 29	399142.10	265727.70	399396.70	265896.00
HSU Zone 30	111490.10	839421.40	111021.90	841629.70
HSU Zone 31	0.00	0.00	0.00	0.00
HSU Zone 32	0.00	0.00	0.00	0.00
HSU Zone 33	0.00	0.00	0.00	0.00
HSU Zone 34	827917.40	291159.70	810358.40	294249.30
HSU Zone 35	233389.30	836647.80	227052.30	839332.30
HSU Zone 36	327700.50	0.00	308095.70	0.00
HSU Zone 37	261628.50	0.00	238938.30	0.00
HSU Zone 38	319376.00	307706.10	314233.10	306756.50
TOTAL FLOWS	58716000.00	58471060.00	58668440.00	58423420.00
Error	0.42		0.42	

**APPENDIX C –
CHEMICAL, PHYSICAL, RADIOLOGICAL AND BIOLOGICAL QUALITY OF WATER
DIVERTED & STORED**



Department of Public Works & Utilities

February 2, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: January-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the January 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 31 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 31 days.

Phase I Recharge Sites							
RB-1	0	RRW-1	0	RRW-3	0	RK05	0
RB-2	0	RRW-2	0	RW-1	0		
Total Phase I Injection Volume:							-
Phase II Recharge Sites							
RB-36		MK14 (MR14)	0	MK69 (MR43)	0	MK73 (MR55)	0
MK61 (MR2)	0	MK64 (MR18)	0	MK70 (MR44)	0	MK74 (MR56)	0
MK80 (MR4)	0	MK19 (MR19)	0	MK71 (MR45)	0	MK75 (MR57)	0
MK62 (MR6)	0	MK65 (MR20)	0	MK60 (MR47)	0	MK76 (MR58)	0
MK63 (MR8)	0	MK66 (MR22)	0	MK48 (MR48)	0	MK77 (MR59)	0
MK10 (MR10)	0	MK67 (MR23)	0	MK50 (MR50)	0	MK78 (MR60)	0
MK11 (MR11)	0	MK26 (MR26)	0	MK51 (MR51)	0	MK79 (MR61)	0
MK13 (MR13)	0	MK68 (MR42)	0				
Total Phase II Injection Volume:							0
Total Injection volume for the month:							-

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: January-2016

Permit No. KS 05-079-004

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N 118th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31				0			
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31				0			
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31				0			
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31				0			
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31				0			
Recharge Well: MK56 (MR10)								
Legal Description: NW NW SW 8-24-2W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31				0			

Recharge Well: MK11 (MR11)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK57 (MR13)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK14 (MR14)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK64 (MR18)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NE NE SE 16-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK19 (MR19)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK65 (MR20)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NE NE NE 27-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK66 (MR22)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SW SW SE 26-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				

Recharge Well: MK67 (MR23)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SE SE NE 35-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK58 (MR26)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK68 (MR42)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SE SE NE 11-24-3W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK69 (MR43)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SE SE SE 11-24-3W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK70 (MR44)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SW SW SE 11-24-3W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK71 (MR45)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SW SW SE 11-24-3W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK60 (MR47)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SW SW SE 24-24-3W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				

Recharge Well: MK59 (MR48)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK50 (MR50)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK51 (MR51)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK73 (MR55)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SE SW SE 5-25-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK74 (MR56)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SW SW SW 13-24-3W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK75 (MR57)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
SE SE SE 13-24-3W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK76 (MR58)								
Legal Description:	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
NE NE NE 19-24-2W	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				

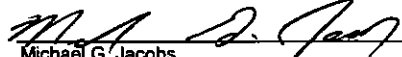
Recharge Well: MK77 (MR59)							
Legal Description: SE SW SW 16-24-2W	1/1/2016	2	atm		1/3/2016	12:00AM	RM
	1/3/2016	7	atm		1/10/2016	12:00AM	RM
	1/10/2016	7	atm		1/17/2016	12:00AM	RM
	1/17/2016	7	atm		1/24/2016	12:00AM	RM
	1/24/2016	7	atm		1/30/2016	12:00AM	RM
	1/31/2016	1	atm		1/31/2016	12:00AM	RM
		31		0			
Recharge Well: MK78 (MR60)							
Legal Description: NW NW SW 21-24-2W	1/1/2016	2	atm		1/3/2016	12:00AM	RM
	1/3/2016	7	atm		1/10/2016	12:00AM	RM
	1/10/2016	7	atm		1/17/2016	12:00AM	RM
	1/17/2016	7	atm		1/24/2016	12:00AM	RM
	1/24/2016	7	atm		1/30/2016	12:00AM	RM
	1/31/2016	1	atm		1/31/2016	12:00AM	RM
		31		0			
Recharge Well: MK79 (MR61)							
Legal Description: NE NE NE 29-24-2W	1/1/2016	2	atm		1/3/2016	12:00AM	RM
	1/3/2016	7	atm		1/10/2016	12:00AM	RM
	1/10/2016	7	atm		1/17/2016	12:00AM	RM
	1/17/2016	7	atm		1/24/2016	12:00AM	RM
	1/24/2016	7	atm		1/30/2016	12:00AM	RM
	1/31/2016	1	atm		1/31/2016	12:00AM	RM
		31		0			
Total Recharged:							
Monthly Monitoring Report:							


Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	(MPN)/100 ml
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month				January-2016			
Max pH	0.00	Max Specific Conductance	0.00	Max Turbid	0.00	Max Temperature	0.00
Min pH	0.00	Min Specific Conductance	0.00	Min Turbidi	0.00	Min Temperature	0.00
(**This information shall be determined from review of all the continuous recording date for the entire month.)							

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production


 2/2/2016

(**This information shall be determined from review of all the continuous recording date for the entire month.)

Class V Injection Well Monitoring Report

Month: January-2016

Permit No. KS 05-079-001

Return to Bureau of Water
 UIC-Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	No water samples collected
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31			0				

Recharge Basin:	RB-1							
Legal Description: NW NW NW 2-24-3W	1/1/2016	2	atm	0	1/3/2016	12:00AM	RM	No Longer In Uses
	1/3/2016	7	atm	0	1/10/2016	12:00AM	RM	
	1/10/2016	7	atm	0	1/17/2016	12:00AM	RM	
	1/17/2016	7	atm	0	1/24/2016	12:00AM	RM	
	1/24/2016	7	atm	0	1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31		0					
Recharge Basin:	RB-2							
Legal Description: NW NW NW 11-24-3W	1/1/2016	2	atm		1/3/2016	12:00AM	RM	
	1/3/2016	7	atm		1/10/2016	12:00AM	RM	
	1/10/2016	7	atm		1/17/2016	12:00AM	RM	
	1/17/2016	7	atm		1/24/2016	12:00AM	RM	
	1/24/2016	7	atm		1/30/2016	12:00AM	RM	
	1/31/2016	1	atm		1/31/2016	12:00AM	RM	
	31		0					
Total Recharged:		31		0				

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

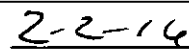
Summary of Continuous Recording Data for the Month January-2016

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording date for the entire month.)

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production


 2/2/2016



Department of Public Works & Utilities

March 2, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: February-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the February 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 29 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 29 days.

Phase I Recharge Sites							
RB-1	0	RRW-1	0	RRW-3	0	RK05	0
RB-2	0	RRW-2	0	RW-1	0	Total Phase I Injection Volume:	
							-
Phase II Recharge Sites							
RB-36		MK14 (MR14)	0	MK69 (MR43)	0	MK73 (MR55)	0
MK61 (MR2)	0	MK64 (MR18)	0	MK70 (MR44)	0	MK74 (MR56)	0
MK80 (MR4)	0	MK19 (MR19)	0	MK71 (MR45)	0	MK75 (MR57)	0
MK62 (MR6)	0	MK65 (MR20)	0	MK60 (MR47)	0	MK76 (MR58)	0
MK63 (MR8)	0	MK66 (MR22)	0	MK48 (MR48)	0	MK77 (MR59)	0
MK10 (MR10)	0	MK67 (MR23)	0	MK50 (MR50)	0	MK78 (MR60)	0
MK11 (MR11)	0	MK26 (MR26)	0	MK51 (MR51)	0	MK79 (MR61)	0
MK13 (MR13)	0	MK68 (MR42)	0			Total Phase II Injection Volume:	
							0
							Total injection volume for the month:
							-

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**


 Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: February-2016

Permit No. KS 05-079-001

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	No water samples collected
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm		12:00AM	RM	
	29			0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm		12:00AM	RM	
	29			0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm		12:00AM	RM	
	29			0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm		12:00AM	RM	
	29			0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm		12:00AM	RM	
	29			0				

Recharge Basin:	RB-1							
Legal Description: NW NW NW 2-24-3W	2/1/2016	6	atm	0	2/7/2016	12:00AM	RM	No Longer In Uses
	2/7/2016	7	atm	0	2/14/2016	12:00AM	RM	
	2/14/2016	7	atm	0	2/21/2016	12:00AM	RM	
	2/21/2016	7	atm	0	2/28/2016	12:00AM	RM	
	2/28/2016	2	atm	0	2/29/2016	12:00AM	RM	
			atm			12:00AM	RM	
		29		0				
Recharge Basin:	RB-2							
Legal Description: NW NW NW 11-24-3W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
			atm			12:00AM	RM	
		29		0				
Total Recharged:				0				

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month February-2016

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

3/2/2016

Class V Injection Well Monitoring Report

Month: February-2016

Permit No. KS 05-079-004

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N. 119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm			12:00AM	RM
	29			0				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm			12:00AM	RM
	29			0				
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm			12:00AM	RM
	29			0				
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm			12:00AM	RM
	29			0				
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm			12:00AM	RM
	29			0				
Recharge Well: MK66 (MR10)								
Legal Description: NW NW NW 8-24-2W	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
				atm			12:00AM	RM
	29			0				

Recharge Well: MK11 (MR11)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
NW NW NW 8-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			
Recharge Well: MK57 (MR13)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
NW NW NW 8-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			
Recharge Well: MK14 (MR14)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
NW NW NW 8-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			
Recharge Well: MK64 (MR18)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
NE NE SE 16-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			
Recharge Well: MK19 (MR19)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
NW NW NW 8-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			
Recharge Well: MK65 (MR20)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
NE NE NE 27-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			
Recharge Well: MK66 (MR22)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
SW SW SE 26-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			
Recharge Well: MK67 (MR23)							
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM
SE SE NE 35-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
			atm			12:00AM	RM
	29			0			

Recharge Well: MK58 (MR26)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
NW NW NW 8-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
			atm			12:00AM	RM	
	29		0					
Recharge Well: MK68 (MR42)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SE SE NE-11-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
			atm			12:00AM	RM	
	29		0					
Recharge Well: MK69 (MR43)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SE SE SE 11-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK70 (MR44)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SW SW SE 11-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK71 (MR45)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SW SW SE 11-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK80 (MR47)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SW SW SE 24-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK59 (MR48)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
NW NW NW 8-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					

Recharge Well: MK50 (MR50)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
NW NW NW 8-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK51 (MR51)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
NW NW NW 8-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK73 (MR55)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SE SW SE 5-25-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK74 (MR56)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SW SW SW 13-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK75 (MR57)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SE SE SE 13-24-3W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK76 (MR58)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
NE NE NE 19-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					
Recharge Well: MK77 (MR59)								
Legal Description:	2/1/2016	6	atm		2/7/2016	12:00AM	RM	
SE SW SW 16-24-2W	2/7/2016	7	atm		2/14/2016	12:00AM	RM	
	2/14/2016	7	atm		2/21/2016	12:00AM	RM	
	2/21/2016	7	atm		2/28/2016	12:00AM	RM	
	2/28/2016	2	atm		2/29/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	30		0					

Recharge Well: MK78 (MR80)							
Legal Description: NW NW SW 21-24-2W	2/1/2016	6	atm		2/7/2016	12:00AM	RM
	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
		1	atm			12:00AM	RM
	30		0				
Recharge Well: MK79 (MR81)							
Legal Description: NE NE NE 29-24-2W	2/1/2016	6	atm		2/7/2016	12:00AM	RM
	2/7/2016	7	atm		2/14/2016	12:00AM	RM
	2/14/2016	7	atm		2/21/2016	12:00AM	RM
	2/21/2016	7	atm		2/28/2016	12:00AM	RM
	2/28/2016	2	atm		2/29/2016	12:00AM	RM
		1	atm			12:00AM	RM
	30		0				
Total Recharged:							
Monthly Monitoring Report:							

Date Sample Collected	Time Sample Collected	Airazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month				February-2016			
Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbid	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbid	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>
(**This information shall be determined from review of all the continuous recording date for the entire month.)							

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

3/2/2016

(**This information shall be determined from review of all the continuous recording date for the entire month.)



Department of Public Works & Utilities

April 4, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: March-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the March 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 31 days. Conditions were *not* within desired operational parameters of the Phase II intake and membrane facility for 31 days.

Phase I Recharge Sites								
RB-1	0	RRW-1	0	RRW-3	0	RK05	0	
RB-2	0	RRW-2	0	RW-1	0			
							Total Phase I Injection Volume:	-
Phase II Recharge Sites								
RB-36		MK14 (MR14)	0	MK69 (MR43)	0	MK73 (MR55)	0	
MK61 (MR2)	0	MK64 (MR18)	0	MK70 (MR44)	0	MK74 (MR56)	0	
MK80 (MR4)	0	MK19 (MR19)	0	MK71 (MR45)	0	MK75 (MR57)	0	
MK62 (MR6)	0	MK65 (MR20)	0	MK60 (MR47)	0	MK76 (MR58)	0	
MK63 (MR8)	0	MK66 (MR22)	0	MK48 (MR48)	0	MK77 (MR59)	0	
MK10 (MR10)	0	MK67 (MR23)	0	MK50 (MR50)	0	MK78 (MR60)	0	
MK11 (MR11)	0	MK26 (MR26)	0	MK51 (MR51)	0	MK79 (MR61)	0	
MK13 (MR13)	0	MK68 (MR42)	0					
							Total Phase II Injection Volume:	0
							Total injection volume for the month:	-

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: **March-2016**

Permit No. **KS 05-079-001**

Return to: Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	No water samples collected
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			0				

Recharge Basin:	RB-1								
Legal Description: NW NW NW 2-24-3W	3/1/2016	5	atm	0	3/6/2016	12:00AM	RM	No Longer in Uses	
	3/6/2016	7	atm	0	3/13/2016	12:00AM	RM		
	3/13/2016	7	atm	0	3/20/2016	12:00AM	RM		
	3/20/2016	7	atm	0	3/27/2016	12:00AM	RM		
	3/27/2016	5	atm	0	3/31/2016	12:00AM	RM		
			atm			12:00AM	RM		
	31		0						
Recharge Basin:	RB-2								
Legal Description: NW NW NW 11-24-3W	3/1/2016	5	atm		3/6/2016	12:00AM	RM		
	3/6/2016	7	atm		3/13/2016	12:00AM	RM		
	3/13/2016	7	atm		3/20/2016	12:00AM	RM		
	3/20/2016	7	atm		3/27/2016	12:00AM	RM		
	3/27/2016	5	atm		3/31/2016	12:00AM	RM		
			atm			12:00AM	RM		
	31		0						
Total Recharged:				0					

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

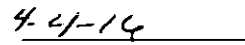
Summary of Continuous Recording Data for the Month **March-2016**

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production


 4/4/16
 4/4/2016

Class V Injection Well Monitoring Report

Month: March-2016

Permit No. KS 05-079-004

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N 119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or Inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		0				
Recharge Well: MK81 (MR2)								
Legal Description: NW NW SW 29-23-	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		0				
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		0				
Recharge Well: MK82 (MR6)								
Legal Description: SW SW SW 32-23-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		0				
Recharge Well: MK83 (MR8)								
Legal Description: NW NW NW 8-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		0				
Recharge Well: MK58 (MR10)								
Legal Description: NW NW NW 8-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		0				
Recharge Well: MK11 (MR11)								

Legal Description: NW NW NW 8-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						
Recharge Well: MK57 (MR13)								
Legal Description: NW NW NW 8-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						
Recharge Well: MK14 (MR14)								
Legal Description: NW NW NW 8-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						
Recharge Well: MK64 (MR18)								
Legal Description: NE NE SE 16-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						
Recharge Well: MK19 (MR19)								
Legal Description: NW NW NW 8-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						
Recharge Well: MK65 (MR20)								
Legal Description: NE NE NE 27-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						
Recharge Well: MK66 (MR22)								
Legal Description: SW SW SE 26-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						
Recharge Well: MK67 (MR23)								
Legal Description: SE SE NE 35-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
31		0						

Recharge Well: MK58 (MR26)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
NW NW NW 8-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31		0				
Recharge Well: MK68 (MR42)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
SE SE NE 11-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31		0				
Recharge Well: MK69 (MR43)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
SE SE SE 11-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32		0				
Recharge Well: MK70 (MR44)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
SW SW SE 11-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32		0				
Recharge Well: MK71 (MR45)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
SW SW SE 11-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32		0				
Recharge Well: MK80 (MR47)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
SW SW SE 24-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32		0				
Recharge Well: MK59 (MR48)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
NW NW NW 8-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32		0				
Recharge Well: MK50 (MR50)								
Legal Description:		3/1/2016	5	atm		3/6/2016	12:00AM	RM
NW NW NW 8-24-3W		3/6/2016	7	atm		3/13/2016	12:00AM	RM
		3/13/2016	7	atm		3/20/2016	12:00AM	RM
		3/20/2016	7	atm		3/27/2016	12:00AM	RM
		3/27/2016	5	atm		3/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32		0				

Recharge Well: MK51 (MR51)								
Legal Description: NW NW NW 8-24-2W								
	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32		0					
Recharge Well: MK73 (MR55)								
Legal Description: SE SW SE 5-25-2W								
	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32		0					
Recharge Well: MK74 (MR56)								
Legal Description: SW SW SW 13-24-3W								
	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32		0					
Recharge Well: MK75 (MR57)								
Legal Description: SE SE SE 13-24-3W								
	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32		0					
Recharge Well: MK76 (MR58)								
Legal Description: NE NE NE 19-24-2W								
	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32		0					
Recharge Well: MK77 (MR59)								
Legal Description: SE SW SW 16-24-2W								
	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32		0					
Recharge Well: MK78 (MR60)								
Legal Description: NW NW SW 21-24-2W								
	3/1/2016	5	atm		3/6/2016	12:00AM	RM	
	3/6/2016	7	atm		3/13/2016	12:00AM	RM	
	3/13/2016	7	atm		3/20/2016	12:00AM	RM	
	3/20/2016	7	atm		3/27/2016	12:00AM	RM	
	3/27/2016	5	atm		3/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32		0					

Recharge Well: MK79 (MR61)							
Legal Description: NE NE NE 29-24-2W	3/1/2016	5	atm		3/6/2016	12:00AM	RM
	3/6/2016	7	atm		3/13/2016	12:00AM	RM
	3/13/2016	7	atm		3/20/2016	12:00AM	RM
	3/20/2016	7	atm		3/27/2016	12:00AM	RM
	3/27/2016	5	atm		3/31/2016	12:00AM	RM
		1	atm				
32			0				

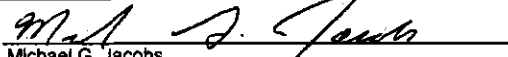
Total Recharged: 0

Monthly Monitoring Report:											
Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L Daily Max)	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month				March-2016			
Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbid	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbid	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>
(**This information shall be determined from review of all the continuous recording date for the entire month.)							

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

 Michael G. Jacobs Manager - Water Planning and Production	44-14 4/4/2016
---	-------------------

(**This information shall be determined from review of all the continuous recording date for the entire month.)



Department of Public Works & Utilities

May 9, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: April-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the April 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 19 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 19 days.

Phase I Recharge Sites							
RB-1	0	RRW-1	0	RRW-3	0	RK05	0
RB-2	8803150	RRW-2	0	RW-1	0		
Total Phase I Injection Volume:							8,803,150
Phase II Recharge Sites							
RB-36	3,386,000	MK14 (MR14)	504,000	MK69 (MR43)	45,000	MK73 (MR55)	0
MK61 (MR2)	816,000	MK64 (MR18)	299,000	MK70 (MR44)	564,000	MK74 (MR56)	0
MK80 (MR4)	248,000	MK19 (MR19)	211,000	MK71 (MR45)	321,000	MK75 (MR57)	42,000
MK62 (MR6)	721,000	MK65 (MR20)	255,000	MK60 (MR47)	0	MK76 (MR58)	506,000
MK63 (MR8)	246,000	MK66 (MR22)	327,000	MK48 (MR48)	772,000	MK77 (MR59)	249,000
MK10 (MR10)	240,000	MK67 (MR23)	474,000	MK50 (MR50)	134,000	MK78 (MR60)	591,000
MK11 (MR11)	800,000	MK26 (MR26)	0	MK51 (MR51)	0	MK79 (MR61)	375,000
MK13 (MR13)	827,000	MK68 (MR42)	470,000				
Total Phase II Injection Volume:							13,423,000
Total injection volume for the month:							22,226,150

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: April-2016

Permit No. KS 05-079-001

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	No water samples collected
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm		4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm		4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm		4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm		4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm		4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		0				

Recharge Basin:	RB-1							
Legal Description: NW NW NW 2-24-3W	4/1/2016	2	atm	0	4/3/2016	12:00AM	RM	No Longer In Uses
	4/3/2016	7	atm	0	4/10/2016	12:00AM	RM	
	4/10/2016	7	atm	0	4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	0	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	0	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		0				
Recharge Basin:	RB-2							
Legal Description: NW NW NW 11-24-3W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	Phase II recharge
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	7,229,875	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	1,573,275	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		8,803,150				
Total Recharged:				8,803,150				

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
4/21/2016	08:00	MDL=0.00004 0.00157	MDL=0.0005 0.00585	MDL=5.0 83.1	MDL=1.0 255	MDL=0.30 8.02	MDL=10 443	MDL=0 Q 0	MDL=0.03 0.42	MDL=0.005 0.007	MDL=1.0 < 1

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	Results from Phase II recharge.
< MDL	193.0	78.2	Q 193	1.78	< MDL	>0.001	Q Analysis performed outside of holding time.

Summary of Continuous Recording Data for the Month April-2016

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

5/9/2016

Class V Injection Well Monitoring Report

Month: April-2016
Permit No. KS 05-079-004

Return to: Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
 11511 N 119th St W
 Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	1,193,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	2,193,000	4/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,386,000				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	685,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	131,000	4/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		816,000				
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	28,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	220,000	4/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		248,000				
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	579,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	142,000	4/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		721,000				
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	188,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	58,000	4/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		246,000				
Recharge Well: MK56 (MR10)								
Legal Description: NW NW NW 8-24-2W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	184,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	56,000	4/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		240,000				
Recharge Well: MK11 (MR11)								
Legal Description: NW NW NW 8-24-2W	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	687,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	113,000	4/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		800,000				

Recharge Well: MK57 (MR13)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	662,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	165,000	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			827,000				
Recharge Well: MK14 (MR14)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	395,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	109,000	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			504,000				
Recharge Well: MK64 (MR18)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NE NE SE 16-24-2W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	245,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	54,000	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			299,000				
Recharge Well: MK19 (MR19)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	93,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	118,000	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			211,000				
Recharge Well: MK65 (MR20)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NE NE NE 27-24-2W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	255,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			255,000				
Recharge Well: MK66 (MR22)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
SW SW SE 26-24-2W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	217,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	110,000	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			327,000				
Recharge Well: MK67 (MR23)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
SE SE NE 35-24-2W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	430,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	44,000	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			474,000				

Recharge Well: MK58 (MR26)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NW NW NW 8-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm		4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			0				
Recharge Well: MK68 (MR42)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
SE SE NE 11-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	393,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	77,000	4/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			470,000				
Recharge Well: MK69 (MR43)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
SE SE SE 11-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	45,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			45,000				
Recharge Well: MK70 (MR44)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
SW SW SE 11-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	125,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	439,000	4/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			564,000				
Recharge Well: MK71 (MR45)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
SW SW SE 11-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	37,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	284,000	4/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			321,000				
Recharge Well: MK60 (MR47)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
SW SW SE 24-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm		4/24/2016	12:00AM	RM	
	4/24/2016	7	atm		4/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			0				
Recharge Well: MK59 (MR48)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NW NW NW 8-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	519,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	253,000	4/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			772,000				
Recharge Well: MK50 (MR50)								
Legal Description:	4/1/2016	2	atm		4/3/2016	12:00AM	RM	
NW NW NW 8-24-3W	4/3/2016	7	atm		4/10/2016	12:00AM	RM	
	4/10/2016	7	atm		4/17/2016	12:00AM	RM	
	4/17/2016	7	atm	116,000	4/24/2016	12:00AM	RM	
	4/24/2016	7	atm	18,000	4/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			134,000				

Recharge Well: MK51 (MR51)								
Legal Description:		4/1/2016	2	atm		4/3/2016	12:00AM	RM
NW NW NW 8-24-2W		4/3/2016	7	atm		4/10/2016	12:00AM	RM
		4/10/2016	7	atm		4/17/2016	12:00AM	RM
		4/17/2016	7	atm		4/24/2016	12:00AM	RM
		4/24/2016	7	atm		4/30/2016	12:00AM	RM
			1	atm			12:00AM	RM
			31		0			
Recharge Well: MK73 (MR55)								
Legal Description:		4/1/2016	2	atm		4/3/2016	12:00AM	RM
SE SW SE 5-25-2W		4/3/2016	7	atm		4/10/2016	12:00AM	RM
		4/10/2016	7	atm		4/17/2016	12:00AM	RM
		4/17/2016	7	atm		4/24/2016	12:00AM	RM
		4/24/2016	7	atm		4/30/2016	12:00AM	RM
			1	atm			12:00AM	RM
			31		0			
Recharge Well: MK74 (MR56)								
Legal Description:		4/1/2016	2	atm		4/3/2016	12:00AM	RM
SW SW SW 13-24-3W		4/3/2016	7	atm		4/10/2016	12:00AM	RM
		4/10/2016	7	atm		4/17/2016	12:00AM	RM
		4/17/2016	7	atm		4/24/2016	12:00AM	RM
		4/24/2016	7	atm		4/30/2016	12:00AM	RM
			1	atm			12:00AM	RM
			31		0			
Recharge Well: MK75 (MR57)								
Legal Description:		4/1/2016	2	atm		4/3/2016	12:00AM	RM
SE SE SE 13-24-3W		4/3/2016	7	atm		4/10/2016	12:00AM	RM
		4/10/2016	7	atm		4/17/2016	12:00AM	RM
		4/17/2016	7	atm	4,000	4/24/2016	12:00AM	RM
		4/24/2016	7	atm	38,000	4/30/2016	12:00AM	RM
			1	atm			12:00AM	RM
			31		42,000			
Recharge Well: MK76 (MR58)								
Legal Description:		4/1/2016	2	atm		4/3/2016	12:00AM	RM
NE NE NE 19-24-2W		4/3/2016	7	atm		4/10/2016	12:00AM	RM
		4/10/2016	7	atm		4/17/2016	12:00AM	RM
		4/17/2016	7	atm	346,000	4/24/2016	12:00AM	RM
		4/24/2016	7	atm	160,000	4/30/2016	12:00AM	RM
			1	atm			12:00AM	RM
			31		506,000			
Recharge Well: MK77 (MR59)								
Legal Description:		4/1/2016	2	atm		4/3/2016	12:00AM	RM
SE SW SW 16-24-2W		4/3/2016	7	atm		4/10/2016	12:00AM	RM
		4/10/2016	7	atm		4/17/2016	12:00AM	RM
		4/17/2016	7	atm	161,000	4/24/2016	12:00AM	RM
		4/24/2016	7	atm	88,000	4/30/2016	12:00AM	RM
			1	atm			12:00AM	RM
			31		249,000			
Recharge Well: MK78 (MR60)								
Legal Description:		4/1/2016	2	atm		4/3/2016	12:00AM	RM
NW NW SW 21-24-2W		4/3/2016	7	atm		4/10/2016	12:00AM	RM
		4/10/2016	7	atm		4/17/2016	12:00AM	RM
		4/17/2016	7	atm	427,000	4/24/2016	12:00AM	RM
		4/24/2016	7	atm	164,000	4/30/2016	12:00AM	RM
			1	atm			12:00AM	RM
			31		591,000			

Recharge Well: MK79 (MR81)									
Legal Description: NE NE NE 29-24-2W	4/1/2016	2	atm		4/3/2016	12:00AM	RM		
	4/3/2016	7	atm		4/10/2016	12:00AM	RM		
	4/10/2016	7	atm		4/17/2016	12:00AM	RM		
	4/17/2016	7	atm	270,000	4/24/2016	12:00AM	RM		
	4/24/2016	7	atm	105,000	4/30/2016	12:00AM	RM		
		1	atm			12:00AM	RM		
	31			375,000					
Total Recharged:				13,423,000					

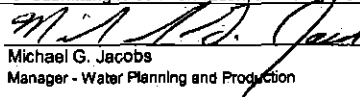
Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
4/21/2016	08:00	0.00157	0.00585	83.1	255	8.02	443	Q 0	0.42	0.007	< 1

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
< MDL	193.0	78.2	Q 193	1.78	< MDL	>0.001	Q Analysis performed outside of holding time.

Summary of Continuous Recording Data for the Month				April-2016			
Max pH	7.90	Max Specific Conductance	792.20	Max Turbidity	1.37	Max Temperature	61.40
Min pH	7.60	Min Specific Conductance	587.40	Min Turbidity	0.10	Min Temperature	55.00
(**This information shall be determined from review of all the continuous recording data for the entire month.)							

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production
 5/9/2016

(**This information shall be determined from review of all the continuous recording data for the entire month.)



Department of Public Works & Utilities

June 13, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: May-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the May 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 29 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 14 days.

Phase I Recharge Sites							
RB-1	0	RRW-1	196,156	RRW-3	406,225	RK05	164,000
RB-2	27,529,450	RRW-2	378,962	RW-1	504,400		
Total Phase I Injection Volume:							29,179,193
Phase II Recharge Sites							
RB-36	76,019,000	MK14 (MR14)	3,904,000	MK69 (MR43)	3,055,000	MK73 (MR55)	0
MK61 (MR2)	4,854,000	MK64 (MR18)	1,831,000	MK70 (MR44)	1,933,000	MK74 (MR56)	459,000
MK80 (MR4)	7,128,000	MK19 (MR19)	823,000	MK71 (MR45)	1,037,282	MK75 (MR57)	3,000
MK62 (MR6)	3,560,000	MK65 (MR20)	2,005,000	MK60 (MR47)	15,000	MK76 (MR58)	4,079,000
MK63 (MR8)	6,001,000	MK66 (MR22)	2,282,000	MK48 (MR48)	3,720,000	MK77 (MR59)	1,674,000
MK10 (MR10)	3,660,000	MK67 (MR23)	4,538,000	MK50 (MR50)	761,000	MK78 (MR60)	4,070,000
MK11 (MR11)	2,603,000	MK26 (MR26)	258,000	MK51 (MR51)	0	MK79 (MR61)	2,490,000
MK13 (MR13)	4,187,000	MK68 (MR42)	1,794,000				
Total Phase II Injection Volume:							148,743,282
Total Injection volume for the month:							177,922,475

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: **May-2016**

Permit No. **KS 05-079-001**

Return to Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
17934 NW 12th Street
BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	5/1/2016	7	atm		5/8/2016	12:00AM	RM	No water samples collected
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm		5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	196,156	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm		5/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		196,156				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	5/1/2016	7	atm		5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm		5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	378,962	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm		5/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		378,962				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	5/1/2016	7	atm		5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm		5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	406,225	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm		5/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		406,225				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	5/1/2016	7	atm		5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm		5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	501,969	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	2,431	5/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		504,400				
Recharge Well: RK05 (RR05)								
Legal Description: NE 2-24-3W	5/1/2016	7	atm		5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm		5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	162,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	2,000	5/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		164,000				

Recharge Basin:	RB-1							
Legal Description: NW NW NW 2-24-3W	5/1/2016	7	atm	0	5/8/2016	12:00AM	RM	No Longer In Uses
	5/8/2016	7	atm	0	5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	0	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm		5/29/2016	12:00AM	RM	
	5/29/2016	3	atm		5/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
		31		0				
Recharge Basin:	RB-2							
Legal Description: NW NW NW 11-24-3W	5/1/2016	7	atm	7,716,950	5/8/2016	12:00AM	RM	Phase II Recharge Water
	5/8/2016	7	atm	50,450	5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	2,914,875	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	11,501,100	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	5,346,075	5/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
		31		27,529,450				
Total Recharged:				29,179,193				

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coll) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
5/26/2016	09:10	< MDL	0.00692	6.53	132.5	1.78	212	0	0.19	0.252	< 1
Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments				
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L					
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001					
< MDL	178.0	44.8	178.0	0.02	< MDL	< MDL					

Summary of Continuous Recording Data for the Month **May-2016**

Max pH	<input type="text" value="7.27"/>	Max Specific Conductance	<input type="text" value="374.22"/>	Max Turbidity	<input type="text" value="2.00"/>	Max Temperature	<input type="text" value="20.67"/>
Min pH	<input type="text" value="7.05"/>	Min Specific Conductance	<input type="text" value="300.78"/>	Min Turbidity	<input type="text" value="0.19"/>	Min Temperature	<input type="text" value="15.31"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

6/13/2016

Class V Injection Well Monitoring Report

Month: May-2016
Permit No. KS 05-079-004

Return to: Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
 11511 N 119th St W
 Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or Inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	5/1/2016	7	atm	18,067,000	5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	4,476,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	32,021,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	21,455,000	5/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		76,019,000				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	5/1/2016	7	atm	1,547,000	5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	211,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	2,278,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	818,000	5/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		4,854,000				
Recharge Well: MK60 (MR4)								
Legal Description: SE SE SW 29-23-2W	5/1/2016	7	atm	3,310,000	5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	549,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	1,966,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	1,303,000	5/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		7,128,000				
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	5/1/2016	7	atm	1,508,000	5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	281,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	1,203,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	588,000	5/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		3,580,000				
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	5/1/2016	7	atm	1,880,000	5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	559,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	2,615,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	947,000	5/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		6,001,000				
Recharge Well: MK66 (MR10)								
Legal Description: NW NW NW 8-24-2W	5/1/2016	7	atm	1,179,000	5/8/2016	12:00AM	RM	
	5/8/2016	7	atm		5/15/2016	12:00AM	RM	
	5/15/2016	7	atm	417,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atm	1,648,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atm	416,000	5/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		3,660,000				

Recharge Well: MK11 (MR11)								
Legal Description:		5/1/2016	7	atm	916,000	5/8/2016	12:00AM	RM
NW NW NW 8-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	190,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	982,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	515,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			2,803,000			
Recharge Well: MK57 (MR13)								
Legal Description:		5/1/2016	7	atm	1,529,000	5/8/2016	12:00AM	RM
NW NW NW 8-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	456,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	1,544,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	658,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			4,187,000			
Recharge Well: MK14 (MR14)								
Legal Description:		5/1/2016	7	atm	1,449,000	5/8/2016	12:00AM	RM
NW NW NW 8-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	82,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	1,589,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	784,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			3,904,000			
Recharge Well: MK64 (MR18)								
Legal Description:		5/1/2016	7	atm	601,000	5/8/2016	12:00AM	RM
NE NE SE 16-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	131,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	879,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	220,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			1,831,000			
Recharge Well: MK19 (MR19)								
Legal Description:		5/1/2016	7	atm	668,000	5/8/2016	12:00AM	RM
NW NW NW 8-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	86,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	69,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	2,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			823,000			
Recharge Well: MK65 (MR20)								
Legal Description:		5/1/2016	7	atm	229,000	5/8/2016	12:00AM	RM
NE NE NE 27-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	235,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	1,098,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	443,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			2,005,000			
Recharge Well: MK66 (MR22)								
Legal Description:		5/1/2016	7	atm	753,000	5/8/2016	12:00AM	RM
SW SW SE 26-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	210,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	911,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	408,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			2,282,000			
Recharge Well: MK67 (MR23)								
Legal Description:		5/1/2016	7	atm	819,000	5/8/2016	12:00AM	RM
SE SE NE 35-24-2W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	563,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	2,051,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	1,105,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			4,538,000			

Recharge Well: MK58 (MR26)								
Legal Description:		5/1/2016	7	atm	70,000	5/8/2016	12:00AM	RM
NW NW NW 8-24-3W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm		5/22/2016	12:00AM	RM
		5/22/2016	7	atm	188,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm		5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			258,000			
Recharge Well: MK68 (MR42)								
Legal Description:		5/1/2016	7	atm	422,000	5/8/2016	12:00AM	RM
SE SE NE 11-24-3W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	243,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	1,054,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	75,000	5/31/2016	12:00AM	RM
				atm			12:00AM	RM
		31			1,794,000			
Recharge Well: MK69 (MR43)								
Legal Description:		5/1/2016	7	atm	1,459,000	5/8/2016	12:00AM	RM
SE SE SE 11-24-3W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	252,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	1,051,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	293,000	5/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32			3,055,000			
Recharge Well: MK70 (MR44)								
Legal Description:		5/1/2016	7	atm	424,000	5/8/2016	12:00AM	RM
SW SW SE 11-24-3W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	526,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	753,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	230,000	5/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32			1,933,000			
Recharge Well: MK71 (MR45)								
Legal Description:		5/1/2016	7	atm	187,797	5/8/2016	12:00AM	RM
SW SW SE 11-24-3W		5/8/2016	7	atm	260,165	5/15/2016	12:00AM	RM
		5/15/2016	7	atm	237,125	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	256,910	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	95,285	5/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32			1,037,282			
Recharge Well: MK60 (MR47)								
Legal Description:		5/1/2016	7	atm		5/8/2016	12:00AM	RM
SW SW SE 24-24-3W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm		5/22/2016	12:00AM	RM
		5/22/2016	7	atm	15,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm		5/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32			15,000			
Recharge Well: MK59 (MR48)								
Legal Description:		5/1/2016	7	atm	1,829,000	5/8/2016	12:00AM	RM
NW NW NW 8-24-3W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	396,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	1,352,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	343,000	5/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32			3,720,000			
Recharge Well: MK50 (MR50)								
Legal Description:		5/1/2016	7	atm	30,000	5/8/2016	12:00AM	RM
NW NW NW 8-24-3W		5/8/2016	7	atm		5/15/2016	12:00AM	RM
		5/15/2016	7	atm	208,000	5/22/2016	12:00AM	RM
		5/22/2016	7	atm	453,000	5/29/2016	12:00AM	RM
		5/29/2016	3	atm	72,000	5/31/2016	12:00AM	RM
			1	atm			12:00AM	RM
		32			761,000			

Recharge Well: MK51 (MR51)								
Legal Description:	5/1/2016	7	atn		5/8/2016	12:00AM	RM	
NW NW NW 8-24-2W	5/8/2016	7	atn		5/15/2016	12:00AM	RM	
	5/15/2016	7	atn		5/22/2016	12:00AM	RM	
	5/22/2016	7	atn		5/29/2016	12:00AM	RM	
	5/29/2016	3	atn		5/31/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
	32			0				
Recharge Well: MK73 (MR55)								
Legal Description:	5/1/2016	7	atn		5/8/2016	12:00AM	RM	
SE SW SE 5-25-2W	5/8/2016	7	atn		5/15/2016	12:00AM	RM	
	5/15/2016	7	atn		5/22/2016	12:00AM	RM	
	5/22/2016	7	atn		5/29/2016	12:00AM	RM	
	5/29/2016	3	atn		5/31/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
	32			0				
Recharge Well: MK74 (MR56)								
Legal Description:	5/1/2016	7	atn	285,000	5/8/2016	12:00AM	RM	
SW SW SW 13-24-3W	5/8/2016	7	atn		5/15/2016	12:00AM	RM	
	5/15/2016	7	atn	51,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atn	123,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atn		5/31/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
	32			459,000				
Recharge Well: MK75 (MR57)								
Legal Description:	5/1/2016	7	atn		5/8/2016	12:00AM	RM	
SE SE SE 13-24-3W	5/8/2016	7	atn		5/15/2016	12:00AM	RM	
	5/15/2016	7	atn	1,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atn	2,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atn		5/31/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
	32			3,000				
Recharge Well: MK76 (MR58)								
Legal Description:	5/1/2016	7	atn	1,530,000	5/8/2016	12:00AM	RM	
NE NE NE 19-24-2W	5/8/2016	7	atn		5/15/2016	12:00AM	RM	
	5/15/2016	7	atn	640,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atn	1,352,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atn	557,000	5/31/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
	32			4,079,000				
Recharge Well: MK77 (MR59)								
Legal Description:	5/1/2016	7	atn	583,000	5/8/2016	12:00AM	RM	
SE SW SW 16-24-2W	5/8/2016	7	atn		5/15/2016	12:00AM	RM	
	5/15/2016	7	atn	306,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atn	575,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atn	230,000	5/31/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
	32			1,674,000				
Recharge Well: MK78 (MR60)								
Legal Description:	5/1/2016	7	atn	1,856,000	5/8/2016	12:00AM	RM	
NW NW SW 21-24-2W	5/8/2016	7	atn		5/15/2016	12:00AM	RM	
	5/15/2016	7	atn	231,000	5/22/2016	12:00AM	RM	
	5/22/2016	7	atn	1,587,000	5/29/2016	12:00AM	RM	
	5/29/2016	3	atn	596,000	5/31/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
	32			4,070,000				

Recharge Well: MK79 (MR61)							
Legal Description: NE NE NE 29-24-2W	5/1/2016	7	atm	979,000	5/8/2016	12:00AM	RM
	5/8/2016	7	atm		5/15/2016	12:00AM	RM
	5/15/2016	7	atm	121,000	5/22/2016	12:00AM	RM
	5/22/2016	7	atm	960,000	5/29/2016	12:00AM	RM
	5/29/2016	3	atm	430,000	5/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			2,490,000			

Total Recharged: 148,743,282

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
5/3/2016	11:45	0.00271	0.00365	33.4	106	10.08	198	0	0.43	< MDL	< 1


Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L Daily Max)	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
< MDL	76.0	32.9	76.0	2.31	< MDL	>0.001	

Summary of Continuous Recording Data for the Month May-2016

Max pH	7.70	Max Specific Conductance	617.40	Max Turbid	0.19	Max Temperature	67.10
Min pH	6.60	Min Specific Conductance	248.60	Min Turbid	0.04	Min Temperature	55.00

(**This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

6/13/2016

(**This information shall be determined from review of all the continuous recording data for the entire month.)



Department of Public Works & Utilities

July 8, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: June-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the June 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 9 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 9 days.

Phase I Recharge Sites								
RB-1	0	RRW-1	0	RRW-3	0	RK05	0	
RB-2	33,654,850	RRW-2	0	RW-1	0	Total Phase I Injection Volume:		
							33,654,850	
Phase II Recharge Sites								
RB-36	106,799,000	MK14 (MR14)	3,703,000	MK69 (MR43)	2,218,000	MK73 (MR55)	0	
MK61 (MR2)	3,650,000	MK64 (MR18)	693,000	MK70 (MR44)	1,301,000	MK74 (MR56)	0	
MK80 (MR4)	3,410,000	MK19 (MR19)	41,000	MK71 (MR45)	835,000	MK75 (MR57)	107,000	
MK62 (MR6)	2,910,000	MK65 (MR20)	2,285,000	MK60 (MR47)	0	MK76 (MR58)	2,599,000	
MK63 (MR8)	4,160,000	MK66 (MR22)	1,442,000	MK48 (MR48)	2,487,000	MK77 (MR59)	1,792,000	
MK10 (MR10)	1,652,000	MK67 (MR23)	2,435,000	MK50 (MR50)	131,000	MK78 (MR60)	2,456,000	
MK11 (MR11)	2,722,000	MK26 (MR26)	1,837,000	MK51 (MR51)	0	MK79 (MR61)	2,864,000	
MK13 (MR13)	3,971,000	MK68 (MR42)	2,028,000			Total Phase II Injection Volume:		
							160,528,000	
							Total Injection volume for the month:	194,182,850

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: June-2016

Permit No. KS 05-079-001

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	6/1/2016	4	atm		6/5/2016	12:00AM	RM	No water samples collected
	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
				atm			12:00AM	
	30			0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
	30			0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
	30			0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
	30			0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
	30			0				

Recharge Basin:	RB-1							
Legal Description: NW NW NW 2-24-3W	6/1/2016	4	atm	0	6/5/2016	12:00AM	RM	No Longer In Uses
	6/5/2016	7	atm	0	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	0	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	0	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	0	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		0				
Recharge Basin:	RB-2							
Legal Description: NW NW NW 11-24-3W	6/1/2016	4	atm	9,999,375	6/5/2016	12:00AM	RM	Phase II Recharge Water
	6/5/2016	7	atm	10,781,950	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	4,305,225	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	7,275,950	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	1,292,350	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
		30		33,654,850				
Total Recharged:				33,654,850				

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month June-2016

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

7/8/2016

Class V Injection Well Monitoring Report

Month: June-2016

Permit No. KS 05-079-004

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N.119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	6/1/2016	4	atm	33,910,000	6/5/2016	12:00AM	RM	
	6/5/2016	7	atm	26,519,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	21,645,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	20,621,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	4,104,000	6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		106,799,000				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	6/1/2016	4	atm	700,000	6/5/2016	12:00AM	RM	
	6/5/2016	7	atm	1,151,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	517,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	482,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	800,000	6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,650,000				
Recharge Well: MK60 (MR4)								
Legal Description: SE SE SW 29-23-2W	6/1/2016	4	atm	1,395,000	6/5/2016	12:00AM	RM	
	6/5/2016	7	atm	289,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	879,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	717,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	130,000	6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,410,000				
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	6/1/2016	4	atm	665,000	6/5/2016	12:00AM	RM	
	6/5/2016	7	atm	1,144,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	543,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	470,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	88,000	6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		2,910,000				
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	6/1/2016	4	atm	1,037,000	6/5/2016	12:00AM	RM	
	6/5/2016	7	atm	1,565,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	568,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	911,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	79,000	6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		4,180,000				
Recharge Well: MK56 (MR10)								
Legal Description: NW NW NW 8-24-2W	6/1/2016	4	atm	594,000	6/5/2016	12:00AM	RM	
	6/5/2016	7	atm	603,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	319,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	3,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	133,000	6/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		1,652,000				

Recharge Well: MK11 (MR11)								
Legal Description:	6/1/2016	4	atm	667,000	6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm	1,029,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	487,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	456,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	83,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			2,722,000				
Recharge Well: MK57 (MR13)								
Legal Description:	6/1/2016	4	atm	945,000	6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm	1,445,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	834,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	640,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	107,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			3,971,000				
Recharge Well: MK14 (MR14)								
Legal Description:	6/1/2016	4	atm	878,000	6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm	1,411,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	736,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	587,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	91,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			3,703,000				
Recharge Well: MK64 (MR18)								
Legal Description:	6/1/2016	4	atm	242,000	6/5/2016	12:00AM	RM	
NE NE SE 16-24-2W	6/5/2016	7	atm	1,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	276,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	174,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			693,000				
Recharge Well: MK19 (MR19)								
Legal Description:	6/1/2016	4	atm	8,000	6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm	27,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	4,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	2,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			41,000				
Recharge Well: MK65 (MR20)								
Legal Description:	6/1/2016	4	atm	672,000	6/5/2016	12:00AM	RM	
NE NE NE 27-24-2W	6/5/2016	7	atm	845,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	344,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	367,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	57,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			2,285,000				
Recharge Well: MK66 (MR22)								
Legal Description:	6/1/2016	4	atm	433,000	6/5/2016	12:00AM	RM	
SW SW SE 26-24-2W	6/5/2016	7	atm	590,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	178,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	240,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	1,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			1,442,000				
Recharge Well: MK67 (MR23)								
Legal Description:	6/1/2016	4	atm	534,000	6/5/2016	12:00AM	RM	
SE SE NE 35-24-2W	6/5/2016	7	atm	1,023,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	429,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	384,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	65,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			2,435,000				

Recharge Well: MK58 (MR26)								
Legal Description:	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm	861,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	507,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	406,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	63,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			1,837,000				
Recharge Well: MK68 (MR42)								
Legal Description:	6/1/2016	4	atm	359,000	6/5/2016	12:00AM	RM	
SE SE NE 11-24-3W	6/5/2016	7	atm	844,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	526,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	242,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	57,000	6/30/2016	12:00AM	RM	
			atm			12:00AM	RM	
	30			2,028,000				
Recharge Well: MK69 (MR43)								
Legal Description:	6/1/2016	4	atm	577,000	6/5/2016	12:00AM	RM	
SE SE SE 11-24-3W	6/5/2016	7	atm	897,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	352,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	332,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	60,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			2,218,000				
Recharge Well: MK70 (MR44)								
Legal Description:	6/1/2016	4	atm	226,000	6/5/2016	12:00AM	RM	
SW SW SE 11-24-3W	6/5/2016	7	atm	441,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	634,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			1,301,000				
Recharge Well: MK71 (MR45)								
Legal Description:	6/1/2016	4	atm	131,000	6/5/2016	12:00AM	RM	
SW SW SE 11-24-3W	6/5/2016	7	atm	286,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	144,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	208,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	66,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			835,000				
Recharge Well: MK60 (MR47)								
Legal Description:	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
SW SW SE 24-24-3W	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			0				
Recharge Well: MK59 (MR48)								
Legal Description:	6/1/2016	4	atm	637,000	6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm	810,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	483,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	470,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	87,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			2,487,000				
Recharge Well: MK50 (MR50)								
Legal Description:	6/1/2016	4	atm	7,000	6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm	3,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	111,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	9,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	1,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			131,000				

Recharge Well: MK51 (MR51)								
Legal Description:	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
NW NW NW 8-24-2W	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			0				
Recharge Well: MK73 (MR55)								
Legal Description:	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
SE SW SE 5-25-2W	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			0				
Recharge Well: MK74 (MR56)								
Legal Description:	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
SW SW SW 13-24-3W	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm		6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			0				
Recharge Well: MK75 (MR57)								
Legal Description:	6/1/2016	4	atm		6/5/2016	12:00AM	RM	
SE SE SE 13-24-3W	6/5/2016	7	atm		6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	107,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm		6/26/2016	12:00AM	RM	
	6/26/2016	5	atm		6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			107,000				
Recharge Well: MK76 (MR58)								
Legal Description:	6/1/2016	4	atm	735,000	6/5/2016	12:00AM	RM	
NE NE NE 19-24-2W	6/5/2016	7	atm	796,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	530,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	459,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	79,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			2,589,000				
Recharge Well: MK77 (MR59)								
Legal Description:	6/1/2016	4	atm	373,000	6/5/2016	12:00AM	RM	
SE SW SW 16-24-2W	6/5/2016	7	atm	678,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	313,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	373,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	55,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			1,792,000				
Recharge Well: MK78 (MR60)								
Legal Description:	6/1/2016	4	atm	665,000	6/5/2016	12:00AM	RM	
NW NW SW 21-24-2W	6/5/2016	7	atm	755,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	499,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	455,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	82,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			2,456,000				

Recharge Well: MK79 (MR81)								
Legal Description: NE NE NE 29-24-2W	6/1/2016	4	atm	726,000	6/5/2016	12:00AM	RM	
	6/5/2016	7	atm	1,204,000	6/12/2016	12:00AM	RM	
	6/12/2016	7	atm	473,000	6/19/2016	12:00AM	RM	
	6/19/2016	7	atm	395,000	6/26/2016	12:00AM	RM	
	6/26/2016	5	atm	66,000	6/30/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	31			2,864,000				

Total Recharged: **160,528,000**

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	MDL=1.0
6/1/2016	8:30	MDL=0.00004 0.00113	MDL=0.0005 0.00475	MDL=5.0 18.2	MDL=1.0 98.2	MDL=0.30 9.36	MDL=10 177	MDL=0 0	MDL=0.03 0.43	MDL=0.005 < MDL	MDL=1.0 < 1

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.001	
< MDL	89.0	30.2	89.0	0.33	< MDL	< 0.001	

Summary of Continuous Recording Data for the Month June-2016

Max pH	7.80	Max Specific Conductance	672.50	Max Turbid	0.14	Max Temperature	76.50
Min pH	5.90	Min Specific Conductance	132.10	Min Turbid	0.05	Min Temperature	65.50

(**This information shall be determined from review of all the continuous recording date for the entire month.)

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

7/8/2016

(**This information shall be determined from review of all the continuous recording date for the entire month.)



Department of Public Works & Utilities

August 5, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: July-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the July 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 5 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 5 days.

The E.Coli results is above Non-Detect. An Investigation has begun to determine the cause.

Phase I Recharge Sites								
RB-1	0	RRW-1	0	RRW-3	0	RK05	0	
RB-2	29,171,175	RRW-2	0	RW-1	0	Total Phase I Injection Volume:		
							29,171,175	
Phase II Recharge Sites								
RB-36	87,727,000	MK14 (MR14)	2,889,000	MK69 (MR43)	1,390,000	MK73 (MR55)	0	
MK61 (MR2)	2,286,000	MK64 (MR18)	657,000	MK70 (MR44)	170,000	MK74 (MR56)	158,000	
MK80 (MR4)	3,509,000	MK19 (MR19)	51,000	MK71 (MR45)	1,656,000	MK75 (MR57)	121,000	
MK62 (MR6)	2,266,000	MK65 (MR20)	1,584,000	MK60 (MR47)	0	MK76 (MR58)	1,972,000	
MK63 (MR8)	1,975,000	MK66 (MR22)	1,195,000	MK48 (MR48)	2,008,000	MK77 (MR59)	1,321,000	
MK10 (MR10)	2,726,000	MK67 (MR23)	1,551,000	MK50 (MR50)	120,000	MK78 (MR60)	2,191,000	
MK11 (MR11)	1,959,000	MK26 (MR26)	1,570,000	MK51 (MR51)	0	MK79 (MR61)	2,337,000	
MK13 (MR13)	2,820,000	MK68 (MR42)	1,390,000	Total Phase II Injection Volume:		129,599,000		
							Total injection volume for the month:	158,770,175

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: July-2016

Permit No. KS 05-079-004

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N 119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	7/1/2016	2	atm	8,021,000	7/3/2016	12:00AM	RM	
	7/3/2016	7	atm	39,708,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	31,686,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	2,354,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	5,958,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		87,727,000				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	7/1/2016	2	atm	37,000	7/3/2016	12:00AM	RM	
	7/3/2016	7	atm	907,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	869,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	317,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	156,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		2,286,000				
Recharge Well: MK60 (MR4)								
Legal Description: SE SE SW 29-23-2W	7/1/2016	2	atm	55,000	7/3/2016	12:00AM	RM	
	7/3/2016	7	atm	1,435,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	1,380,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	495,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	144,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		3,509,000				
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	7/1/2016	2	atm	43,000	7/3/2016	12:00AM	RM	
	7/3/2016	7	atm	970,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	927,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	161,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	165,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		2,266,000				
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	7/1/2016	2	atm	154,000	7/3/2016	12:00AM	RM	
	7/3/2016	7	atm	153,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	1,529,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	139,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		1,975,000				
Recharge Well: MK56 (MR10)								
Legal Description: NW NW NW 8-24-2W	7/1/2016	2	atm	55,000	7/3/2016	12:00AM	RM	
	7/3/2016	7	atm	1,143,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	1,087,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	204,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	237,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		2,726,000				

Recharge Well: MK11 (MR11)							
Legal Description:	7/1/2016	2	atm	35,000	7/3/2016	12:00AM	RM
NW NW NW 8-24-2W	7/3/2016	7	atm	902,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	867,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	155,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm		7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			1,959,000			
Recharge Well: MK57 (MR13)							
Legal Description:	7/1/2016	2	atm	59,000	7/3/2016	12:00AM	RM
NW NW NW 8-24-2W	7/3/2016	7	atm	968,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	1,269,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	267,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm	257,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			2,820,000			
Recharge Well: MK14 (MR14)							
Legal Description:	7/1/2016	2	atm	51,000	7/3/2016	12:00AM	RM
NW NW NW 8-24-2W	7/3/2016	7	atm	1,218,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	1,166,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	229,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm	225,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			2,889,000			
Recharge Well: MK64 (MR18)							
Legal Description:	7/1/2016	2	atm	1,000	7/3/2016	12:00AM	RM
NE NE SE 16-24-2W	7/3/2016	7	atm	241,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	240,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm		7/24/2016	12:00AM	RM
	7/24/2016	7	atm	175,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			657,000			
Recharge Well: MK19 (MR19)							
Legal Description:	7/1/2016	2	atm		7/3/2016	12:00AM	RM
NW NW NW 8-24-2W	7/3/2016	7	atm		7/10/2016	12:00AM	RM
	7/10/2016	7	atm	46,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	1,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm	4,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			51,000			
Recharge Well: MK65 (MR20)							
Legal Description:	7/1/2016	2	atm	17,000	7/3/2016	12:00AM	RM
NE NE NE 27-24-2W	7/3/2016	7	atm	638,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	621,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	129,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm	179,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			1,584,000			
Recharge Well: MK66 (MR22)							
Legal Description:	7/1/2016	2	atm	14,000	7/3/2016	12:00AM	RM
SW SW SE 26-24-2W	7/3/2016	7	atm	493,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	478,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	96,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm	114,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			1,195,000			
Recharge Well: MK67 (MR23)							
Legal Description:	7/1/2016	2	atm	29,000	7/3/2016	12:00AM	RM
SE SE NE 35-24-2W	7/3/2016	7	atm	652,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	622,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	104,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm	144,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
	31			1,551,000			

Recharge Well: MK58 (MR26)								
Legal Description:	7/1/2016	2	atm	37,000	7/3/2016	12:00AM	RM	
NW NW NW 8-24-3W	7/3/2016	7	atm	644,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	607,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	121,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	161,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			1,570,000				
Recharge Well: MK69 (MR42)								
Legal Description:	7/1/2016	2	atm	28,000	7/3/2016	12:00AM	RM	
SE SE NE 11-24-3W	7/3/2016	7	atm	591,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	562,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	101,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	108,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			1,390,000				
Recharge Well: MK69 (MR43)								
Legal Description:	7/1/2016	2	atm	28,000	7/3/2016	12:00AM	RM	
SE SE SE 11-24-3W	7/3/2016	7	atm	591,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	562,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	101,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	108,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			1,390,000				
Recharge Well: MK70 (MR44)								
Legal Description:	7/1/2016	2	atm	3,000	7/3/2016	12:00AM	RM	
SW SW SE 11-24-3W	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	2,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	10,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	155,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			170,000				
Recharge Well: MK71 (MR45)								
Legal Description:	7/1/2016	2	atm	50,000	7/3/2016	12:00AM	RM	
SW SW SE 11-24-3W	7/3/2016	7	atm	185,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	134,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	129,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	1,158,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			1,656,000				
Recharge Well: MK60 (MR47)								
Legal Description:	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
SW SW SE 24-24-3W	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK59 (MR48)								
Legal Description:	7/1/2016	2	atm	37,000	7/3/2016	12:00AM	RM	
NW NW NW 8-24-3W	7/3/2016	7	atm	862,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	824,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	123,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	162,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			2,008,000				
Recharge Well: MK50 (MR50)								
Legal Description:	7/1/2016	2	atm	14,000	7/3/2016	12:00AM	RM	
NW NW NW 8-24-3W	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	2,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	104,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			120,000				

Recharge Well: MK51 (MR51)								
Legal Description:	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
NW NW NW 8-24-2W	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK73 (MR55)								
Legal Description:	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
SE SW SE 5-25-2W	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				
Recharge Well: MK74 (MR56)								
Legal Description:	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
SW SW SW 13-24-3W	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	158,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			158,000				
Recharge Well: MK75 (MR57)								
Legal Description:	7/1/2016	2	atm	51,000	7/3/2016	12:00AM	RM	
SE SE SE 13-24-3W	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	70,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			121,000				
Recharge Well: MK76 (MR58)								
Legal Description:	7/1/2016	2	atm	33,000	7/3/2016	12:00AM	RM	
NE NE NE 19-24-2W	7/3/2016	7	atm	794,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	904,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	101,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	140,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			1,972,000				
Recharge Well: MK77 (MR59)								
Legal Description:	7/1/2016	2	atm	24,000	7/3/2016	12:00AM	RM	
SE SW SW 16-24-2W	7/3/2016	7	atm	579,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	554,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	66,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	98,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			1,321,000				
Recharge Well: MK78 (MR60)								
Legal Description:	7/1/2016	2	atm	37,000	7/3/2016	12:00AM	RM	
NW NW SW 21-24-2W	7/3/2016	7	atm	872,000	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	835,000	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	275,000	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	172,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			2,191,000				

Recharge Well: MK79 (MR61)							
Legal Description: NE NE NE 29-24-2W	7/1/2016	2	atm	37,000	7/3/2016	12:00AM	RM
	7/3/2016	7	atm	951,000	7/10/2016	12:00AM	RM
	7/10/2016	7	atm	914,000	7/17/2016	12:00AM	RM
	7/17/2016	7	atm	275,000	7/24/2016	12:00AM	RM
	7/24/2016	7	atm	160,000	7/30/2016	12:00AM	RM
	7/31/2016	1	atm		7/31/2016	12:00AM	RM
				31			2,337,000

Total Recharged: **129,599,000**

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
7/11/2016	11:25	MDL=0.00004 0.00165	MDL=0.0005 0.00715	MDL=5.0 19.9	MDL=1.0 99.93	MDL=0.30 13.42	MDL=10 190	MDL=0 0	MDL=0.03 0.72	MDL=0.005 < MDL	MDL=1.0 >200.5

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
<MDL	93.0	30.7	93.0	0.09	<MDL	>0.001	

Summary of Continuous Recording Data for the Month July:2016

Max pH	7.10	Max Specific Conductance	665.90	Max Turbidity	0.19	Max Temperature	77.90
Min pH	6.60	Min Specific Conductance	129.70	Min Turbidity	0.06	Min Temperature	70.30

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

8/5/2016

(**This information shall be determined from review of all the continuous recording data for the entire month.)

Class V Injection Well Monitoring Report

Month: July-2016

Permit No. KS 05-079-004

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	7/1/2016	2	atm		7/3/2016	12:00AM	RM	No water samples collected
	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	7/1/2016	2	atm		7/3/2016	12:00AM	RM	
	7/3/2016	7	atm		7/10/2016	12:00AM	RM	
	7/10/2016	7	atm		7/17/2016	12:00AM	RM	
	7/17/2016	7	atm		7/24/2016	12:00AM	RM	
	7/24/2016	7	atm		7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
	31			0				

Recharge Basin:	RB-1							
Legal Description: NW NW NW 2-24-3W	7/1/2016	2	atm	0	7/3/2016	12:00AM	RM	No Longer in Uses
	7/3/2016	7	atm	0	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	0	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	0	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	0	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		0				
Recharge Basin:	RB-2							
Legal Description: NW NW NW 11-24-3W	7/1/2016	2	atm		7/3/2016	12:00AM	RM	Phase II Water
	7/3/2016	7	atm	12,297,675	7/10/2016	12:00AM	RM	
	7/10/2016	7	atm	12,220,525	7/17/2016	12:00AM	RM	
	7/17/2016	7	atm	2,323,975	7/24/2016	12:00AM	RM	
	7/24/2016	7	atm	2,329,000	7/30/2016	12:00AM	RM	
	7/31/2016	1	atm		7/31/2016	12:00AM	RM	
		31		29,171,175				
Total Recharged:				29,171,175				

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments				
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L					
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001					
n/a	n/a	n/a	n/a	n/a	n/a	n/a					

Summary of Continuous Recording Data for the Month July-2016

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

8/5/2016



Department of Public Works & Utilities

September 2, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: August-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

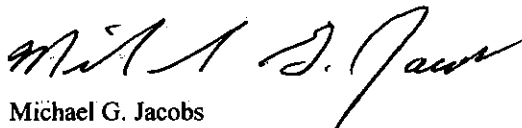
Enclosed is the August 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 9 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 9 days.

Phase I Recharge Sites							
RB-1	0	RRW-1	0	RRW-3	0	RK05	0
RB-2	33051925	RRW-2	0	RW-1	0		
Total Phase I Injection Volume:							33,051,925
Phase II Recharge Sites							
RB-36	99,266,873	MK14 (MR14)	3,602,036	MK69 (MR43)	1,495,483	MK73 (MR55)	0
MK61 (MR2)	3,021,348	MK64 (MR18)	891,393	MK70 (MR44)	193,602	MK74 (MR56)	12,721
MK80 (MR4)	4,118,959	MK19 (MR19)	7,844	MK71 (MR45)	25,076	MK75 (MR57)	279
MK62 (MR6)	2,667,225	MK65 (MR20)	1,647,446	MK60 (MR47)	0	MK76 (MR58)	2,388,663
MK63 (MR8)	2,401,057	MK66 (MR22)	1,574,722	MK48 (MR48)	2,169,463	MK77 (MR59)	1,658,552
MK10 (MR10)	3,026,299	MK67 (MR23)	1,663,884	MK50 (MR50)	166,485	MK78 (MR60)	2,638,409
MK11 (MR11)	416,661	MK26 (MR26)	1,235,977	MK51 (MR51)	0	MK79 (MR61)	2,549,979
MK13 (MR13)	2,098,086	MK68 (MR42)	1,387,983				
Total Phase II Injection Volume:							142,326,505
Total Injection volume for the month:							175,378,430

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**



Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report
Month: August-2016
Permit No. KS 05-079-004

Return to: Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
 11511 N 119th St W
 Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm	11,832,110	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	21,905,189	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	46,326,206	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	19,203,368	8/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		99,266,873				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm	306,603	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	559,999	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,731,104	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	423,642	8/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		3,021,348				
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm	286,622	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	524,187	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	2,912,647	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	395,503	8/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		4,118,959				
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm	316,845	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	585,858	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,312,730	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	451,792	8/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		2,667,225				
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm	284,265	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	524,721	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,182,780	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	409,291	8/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		2,401,057				
Recharge Well: MK56 (MR10)								
Legal Description: NW NW NW 8-24-2W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm	473,568	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	741,985	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,331,186	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	479,560	8/31/2016	12:00AM	RM	
				atm			12:00AM	RM
		31		3,026,289				

Recharge Well: MK11 (MR11)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NW NW NW 8-24-2W	8/7/2016	7	atm	1,258	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	1,066	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	15,686	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	398,651	8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			416,681				
Recharge Well: MK57 (MR13)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NW NW NW 8-24-2W	8/7/2016	7	atm	520,867	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	125,832	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,451,387	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			2,098,086				
Recharge Well: MK14 (MR14)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NW NW NW 8-24-2W	8/7/2016	7	atm	458,248	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	843,010	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,809,576	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	491,202	8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			3,602,036				
Recharge Well: MK64 (MR18)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NE NE SE 16-24-2W	8/7/2016	7	atm	225,596	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	273,693	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	391,469	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	635	8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			891,393				
Recharge Well: MK19 (MR19)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NW NW NW 8-24-2W	8/7/2016	7	atm	761	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	7,083	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			7,844				
Recharge Well: MK65 (MR20)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NE NE NE 27-24-2W	8/7/2016	7	atm	295,934	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	301,651	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	798,047	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	251,814	8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			1,647,446				
Recharge Well: MK66 (MR22)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
SW SW SE 26-24-2W	8/7/2016	7	atm	222,242	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	380,690	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	756,282	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	215,508	8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			1,574,722				
Recharge Well: MK67 (MR23)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
SE SE NE 35-24-2W	8/7/2016	7	atm	126,592	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	372,444	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	893,581	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	271,267	8/31/2016	12:00AM	RM	
			atm			12:00AM	RM	
	31			1,663,884				

Recharge Well: MK58 (MR26)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
NW NW NW 8-24-2W	8/7/2016	7	atm	268,389	8/14/2016	12:00AM	RM
	8/14/2016	7	atm	350,560	8/21/2016	12:00AM	RM
	8/21/2016	7	atm	556,729	8/28/2016	12:00AM	RM
	8/28/2016	4	atm	60,299	8/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			1,235,977			
Recharge Well: MK68 (MR42)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
SE SE NE 11-24-3W	8/7/2016	7	atm	198,869	8/14/2016	12:00AM	RM
	8/14/2016	7	atm	369,036	8/21/2016	12:00AM	RM
	8/21/2016	7	atm	820,078	8/28/2016	12:00AM	RM
	8/28/2016	4	atm		8/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			1,387,983			
Recharge Well: MK69 (MR43)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
SE SE SE 11-24-3W	8/7/2016	7	atm	192,575	8/14/2016	12:00AM	RM
	8/14/2016	7	atm	291,129	8/21/2016	12:00AM	RM
	8/21/2016	7	atm	719,073	8/28/2016	12:00AM	RM
	8/28/2016	4	atm	292,706	8/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			1,495,483			
Recharge Well: MK70 (MR44)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
SW SW SE 11-24-3W	8/7/2016	7	atm	112	8/14/2016	12:00AM	RM
	8/14/2016	7	atm		8/21/2016	12:00AM	RM
	8/21/2016	7	atm	17,374	8/28/2016	12:00AM	RM
	8/28/2016	4	atm	176,116	8/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			193,602			
Recharge Well: MK71 (MR45)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
SW SW SE 11-24-3W	8/7/2016	7	atm	19,257	8/14/2016	12:00AM	RM
	8/14/2016	7	atm	923	8/21/2016	12:00AM	RM
	8/21/2016	7	atm	4,896	8/28/2016	12:00AM	RM
	8/28/2016	4	atm		8/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			25,076			
Recharge Well: MK60 (MR47)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
SW SW SE 24-24-3W	8/7/2016	7	atm		8/14/2016	12:00AM	RM
	8/14/2016	7	atm		8/21/2016	12:00AM	RM
	8/21/2016	7	atm		8/28/2016	12:00AM	RM
	8/28/2016	4	atm		8/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			0			
Recharge Well: MK59 (MR48)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
NW NW NW 8-24-2W	8/7/2016	7	atm	340,065	8/14/2016	12:00AM	RM
	8/14/2016	7	atm	559,867	8/21/2016	12:00AM	RM
	8/21/2016	7	atm	984,317	8/28/2016	12:00AM	RM
	8/28/2016	4	atm	285,214	8/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			2,169,463			
Recharge Well: MK50 (MR50)							
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM
NW NW NW 8-24-2W	8/7/2016	7	atm	84,018	8/14/2016	12:00AM	RM
	8/14/2016	7	atm	79,554	8/21/2016	12:00AM	RM
	8/21/2016	7	atm	2,071	8/28/2016	12:00AM	RM
	8/28/2016	4	atm	842	8/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			166,485			

Recharge Well: MK51 (MR51)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NW NW NW 8-24-2W	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32			0				
Recharge Well: MK73 (MR55)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
SE SW SE 5-25-2W	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32			0				
Recharge Well: MK74 (MR56)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
SW SW SW 13-24-3W	8/7/2016	7	atm	12,721	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32			12,721				
Recharge Well: MK75 (MR57)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
SE SE SE 13-24-3W	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	279	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32			279				
Recharge Well: MK76 (MR58)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NE NE NE 19-24-2W	8/7/2016	7	atm	285,541	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	527,643	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,197,488	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	377,991	8/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32			2,388,663				
Recharge Well: MK77 (MR59)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
SE SW SW 16-24-2W	8/7/2016	7	atm	203,000	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	377,887	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	841,017	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	236,648	8/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32			1,658,552				
Recharge Well: MK78 (MR60)								
Legal Description:	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
NW NW SW 21-24-2W	8/7/2016	7	atm	319,553	8/14/2016	12:00AM	RM	
	8/14/2016	7	atm	584,443	8/21/2016	12:00AM	RM	
	8/21/2016	7	atm	1,319,312	8/28/2016	12:00AM	RM	
	8/28/2016	4	atm	415,101	8/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
	32			2,638,409				

Recharge Well: MK79 (MR81)							
Legal Description: NE NE NE 29-24-2W	8/1/2016	6	atm		8/7/2016	12:00AM	RM
	8/7/2016	7	atm	307,434	8/14/2016	12:00AM	RM
	8/14/2016	7	atm	568,145	8/21/2016	12:00AM	RM
	8/21/2016	7	atm	1,272,850	8/28/2016	12:00AM	RM
	8/28/2016	4	atm	401,550	8/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32			2,549,979			

Total Recharged: **142,326,505**

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	MDL=1.0
8/12/2016	10:38	MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
		0.00047	0.00544	17.7	101.1	8.39	191	0	0.5	<MDL	<1

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L Daily Max)	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
<MDL	85.0	31.1	85.0	0.54	<MDL	<0.001	

Summary of Continuous Recording Data for the Month August-2016

Max pH	8.40	Max Specific Conductance	596.30	Max Turbidity	0.28	Max Temperature	77.00
Min pH	6.90	Min Specific Conductance	172.40	Min Turbidity	0.04	Min Temperature	72.70

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

9/2/2016

(**This information shall be determined from review of all the continuous recording data for the entire month.)

Class V Injection Well Monitoring Report

Month: August-2016

Permit No. KS 05-079-004

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	No water samples collected
	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	
	8/7/2016	7	atm		8/14/2016	12:00AM	RM	
	8/14/2016	7	atm		8/21/2016	12:00AM	RM	
	8/21/2016	7	atm		8/28/2016	12:00AM	RM	
	8/28/2016	4	atm		8/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				

Recharge Basin:	RB-1										
Legal Description: NW NW NW 2-24-3W	8/1/2016	6	atm	0	8/7/2016	12:00AM	RM	No Longer in Uses			
	8/7/2016	7	atm	0	8/14/2016	12:00AM	RM				
	8/14/2016	7	atm	0	8/21/2016	12:00AM	RM				
	8/21/2016	7	atm	0	8/28/2016	12:00AM	RM				
	8/28/2016	4	atm	0	8/31/2016	12:00AM	RM				
				atm			12:00AM	RM			
	31			0							
Recharge Basin:	RB-2										
Legal Description: NW NW NW 11-24-3W	8/1/2016	6	atm		8/7/2016	12:00AM	RM	Phase II Water			
	8/7/2016	7	atm	4,248,500	8/14/2016	12:00AM	RM				
	8/14/2016	7	atm	7,692,650	8/21/2016	12:00AM	RM				
	8/21/2016	7	atm	16,891,900	8/28/2016	12:00AM	RM				
	8/28/2016	4	atm	4,218,875	8/31/2016	12:00AM	RM				
				atm			12:00AM	RM			
	31			33,051,925							
Total Recharged:				33,051,925							

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

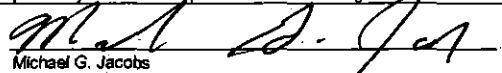
Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month August-2016

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

9/2/2016



Department of Public Works & Utilities

October 6, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: September-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the September 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 5 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 0 days.

Phase I Recharge Sites							
RB-1	0	RRW-1	0	RRW-3	0	RK05	0
RB-2	36515000	RRW-2	0	RW-1	0		
Total Phase I Injection Volume:							36,515,000
Phase II Recharge Sites							
RB-36	112,979,644	MK14 (MR14)	3,309,058	MK69 (MR43)	1,851,207	MK73 (MR55)	0
MK61 (MR2)	3,698,762	MK64 (MR18)	3,219	MK70 (MR44)	4,772	MK74 (MR56)	0
MK80 (MR4)	3,148,647	MK19 (MR19)	1,015,541	MK71 (MR45)	0	MK75 (MR57)	291
MK62 (MR6)	3,798,416	MK65 (MR20)	17,540,942	MK60 (MR47)	0	MK76 (MR58)	2,440,365
MK63 (MR8)	3,390,711	MK66 (MR22)	1,780,093	MK48 (MR48)	2,416,445	MK77 (MR59)	1,366,037
MK10 (MR10)	3,029,243	MK67 (MR23)	1,775,173	MK50 (MR50)	15,502	MK78 (MR60)	3,431,639
MK11 (MR11)	3,438,484	MK26 (MR26)	629,044	MK51 (MR51)	0	MK79 (MR61)	2,971,889
MK13 (MR13)	3,619,740	MK68 (MR42)	450,449				
Total Phase II Injection Volume:							178,105,313
Total Injection Volume for the month:							214,620,313

Please feel free to call at (316)-269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: September-2016

Permit No. KS 05-079-004

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or Inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	9/1/2016	3	atm		9/4/2016	12:00AM	RM	No water samples collected
	9/4/2016	7	atm		9/11/2016	12:00AM	RM	
	9/11/2016	7	atm		9/18/2016	12:00AM	RM	
	9/18/2016	7	atm		9/25/2016	12:00AM	RM	
	9/25/2016	6	atm		9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	9/1/2016	3	atm		9/4/2016	12:00AM	RM	
	9/4/2016	7	atm		9/11/2016	12:00AM	RM	
	9/11/2016	7	atm		9/18/2016	12:00AM	RM	
	9/18/2016	7	atm		9/25/2016	12:00AM	RM	
	9/25/2016	6	atm		9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	9/1/2016	3	atm		9/4/2016	12:00AM	RM	
	9/4/2016	7	atm		9/11/2016	12:00AM	RM	
	9/11/2016	7	atm		9/18/2016	12:00AM	RM	
	9/18/2016	7	atm		9/25/2016	12:00AM	RM	
	9/25/2016	6	atm		9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	9/1/2016	3	atm		9/4/2016	12:00AM	RM	
	9/4/2016	7	atm		9/11/2016	12:00AM	RM	
	9/11/2016	7	atm		9/18/2016	12:00AM	RM	
	9/18/2016	7	atm		9/25/2016	12:00AM	RM	
	9/25/2016	6	atm		9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	9/1/2016	3	atm		9/4/2016	12:00AM	RM	
	9/4/2016	7	atm		9/11/2016	12:00AM	RM	
	9/11/2016	7	atm		9/18/2016	12:00AM	RM	
	9/18/2016	7	atm		9/25/2016	12:00AM	RM	
	9/25/2016	6	atm		9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				

Recharge Basin:	RB-1								
Legal Description: NW NW NW 2-24-3W	9/1/2016	3	atm	0	9/4/2016	12:00AM	RM	No Longer in Uses	
	9/4/2016	7	atm	0	9/11/2016	12:00AM	RM		
	9/11/2016	7	atm	0	9/18/2016	12:00AM	RM		
	9/18/2016	7	atm	0	9/25/2016	12:00AM	RM		
	9/25/2016	6	atm	0	9/30/2016	12:00AM	RM		
				atm			12:00AM	RM	
	30			0					
Recharge Basin:	RB-2								
Legal Description: NW NW NW 11-24-3W	9/1/2016	3	atm	8,250,000	9/4/2016	12:00AM	RM	Phase II Recharge Water	
	9/4/2016	7	atm	7,650,000	9/11/2016	12:00AM	RM		
	9/11/2016	7	atm	9,278,000	9/18/2016	12:00AM	RM		
	9/18/2016	7	atm	6,470,000	9/25/2016	12:00AM	RM		
	9/25/2016	6	atm	5,867,000	9/30/2016	12:00AM	RM		
				atm			12:00AM	RM	
	30			36,515,000					
Total Recharged:					36,515,000				

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month September-2016

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

10-6-16
 10/6/2016

Class V Injection Well Monitoring Report

Month: September-2016

Permit No. KS 05-079-004

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N 119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days In Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	9/1/2016	3	atm	13,664,788	9/4/2016	12:00AM	RM	
	9/4/2016	7	atm	31,255,422	9/11/2016	12:00AM	RM	
	9/11/2016	7	atm	27,204,899	9/18/2016	12:00AM	RM	
	9/18/2016	7	atm	14,520,433	9/25/2016	12:00AM	RM	
	9/25/2016	6	atm	26,334,102	9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		112,978,644				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	9/1/2016	3	atm	370,781	9/4/2016	12:00AM	RM	
	9/4/2016	7	atm	996,013	9/11/2016	12:00AM	RM	
	9/11/2016	7	atm	887,811	9/18/2016	12:00AM	RM	
	9/18/2016	7	atm	871,414	9/25/2016	12:00AM	RM	
	9/25/2016	6	atm	572,743	9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,696,762				
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	9/1/2016	3	atm	349,601	9/4/2016	12:00AM	RM	
	9/4/2016	7	atm	932,404	9/11/2016	12:00AM	RM	
	9/11/2016	7	atm	354,712	9/18/2016	12:00AM	RM	
	9/18/2016	7	atm	962,993	9/25/2016	12:00AM	RM	
	9/25/2016	6	atm	548,937	9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,148,647				
Recharge Well: MK82 (MR6)								
Legal Description: SW SW SW 32-23-2W	9/1/2016	3	atm	401,705	9/4/2016	12:00AM	RM	
	9/4/2016	7	atm	1,021,854	9/11/2016	12:00AM	RM	
	9/11/2016	7	atm	813,027	9/18/2016	12:00AM	RM	
	9/18/2016	7	atm	951,358	9/25/2016	12:00AM	RM	
	9/25/2016	6	atm	610,474	9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,798,416				
Recharge Well: MK83 (MR8)								
Legal Description: NW NW NW 8-24-2W	9/1/2016	3	atm	364,566	9/4/2016	12:00AM	RM	
	9/4/2016	7	atm	907,554	9/11/2016	12:00AM	RM	
	9/11/2016	7	atm	642,029	9/18/2016	12:00AM	RM	
	9/18/2016	7	atm	938,328	9/25/2016	12:00AM	RM	
	9/25/2016	6	atm	538,234	9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,390,711				
Recharge Well: MK56 (MR10)								
Legal Description: NW NW NW 8-24-2W	9/1/2016	3	atm	415,820	9/4/2016	12:00AM	RM	
	9/4/2016	7	atm	752,340	9/11/2016	12:00AM	RM	
	9/11/2016	7	atm	667,217	9/18/2016	12:00AM	RM	
	9/18/2016	7	atm	682,551	9/25/2016	12:00AM	RM	
	9/25/2016	6	atm	511,315	9/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		3,029,243				

Recharge Well: MK11 (MR11)							
Legal Description:	9/1/2016	3	atn	390,398	9/4/2016	12:00AM	RM
NW NW NW 8-24-2W	9/4/2016	7	atn	843,140	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	713,716	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	914,875	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	576,355	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			3,438,484			
Recharge Well: MK57 (MR13)							
Legal Description:	9/1/2016	3	atn	478,451	9/4/2016	12:00AM	RM
NW NW NW 8-24-2W	9/4/2016	7	atn	980,817	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	856,971	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	638,544	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	664,957	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			3,619,740			
Recharge Well: MK14 (MR14)							
Legal Description:	9/1/2016	3	atn	391,106	9/4/2016	12:00AM	RM
NW NW NW 8-24-2W	9/4/2016	7	atn	1,047,753	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	419,078	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	705,846	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	745,275	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			3,309,058			
Recharge Well: MK64 (MR18)							
Legal Description:	9/1/2016	3	atn	624	9/4/2016	12:00AM	RM
NE NE SE 16-24-2W	9/4/2016	7	atn	647	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	791	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	438	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	719	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			3,219			
Recharge Well: MK19 (MR19)							
Legal Description:	9/1/2016	3	atn	11,220	9/4/2016	12:00AM	RM
NW NW NW 8-24-2W	9/4/2016	7	atn	10,320	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	314,013	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	393,678	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	286,310	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			1,015,541			
Recharge Well: MK65 (MR20)							
Legal Description:	9/1/2016	3	atn	180,012	9/4/2016	12:00AM	RM
NE NE NE 27-24-2W	9/4/2016	7	atn	444,104	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	104,333	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	60,709	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	16,751,784	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			17,540,942			
Recharge Well: MK66 (MR22)							
Legal Description:	9/1/2016	3	atn	160,710	9/4/2016	12:00AM	RM
SW SW SE 26-24-2W	9/4/2016	7	atn	491,254	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	416,945	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	329,097	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	382,087	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			1,780,093			
Recharge Well: MK67 (MR23)							
Legal Description:	9/1/2016	3	atn	212,932	9/4/2016	12:00AM	RM
SE SE NE 35-24-2W	9/4/2016	7	atn	551,148	9/11/2016	12:00AM	RM
	9/11/2016	7	atn	479,976	9/18/2016	12:00AM	RM
	9/18/2016	7	atn	304,146	9/25/2016	12:00AM	RM
	9/25/2016	6	atn	226,971	9/30/2016	12:00AM	RM
			atn			12:00AM	RM
	30			1,775,173			

Recharge Well: MK58 (MR26)							
Legal Description:	9/1/2016	3	atm	79,674	9/4/2016	12:00AM	RM
NW NW NW 8-24-3W	9/4/2016	7	atm	236,989	9/11/2016	12:00AM	RM
	9/11/2016	7	atm	122,514	9/18/2016	12:00AM	RM
	9/18/2016	7	atm	41,342	9/25/2016	12:00AM	RM
	9/25/2016	6	atm	148,525	9/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			629,044			
Recharge Well: MK68 (MR42)							
Legal Description:	9/1/2016	3	atm		9/4/2016	12:00AM	RM
SE SE NE 11-24-3W	9/4/2016	7	atm	336,080	9/11/2016	12:00AM	RM
	9/11/2016	7	atm		9/18/2016	12:00AM	RM
	9/18/2016	7	atm		9/25/2016	12:00AM	RM
	9/25/2016	6	atm	114,369	9/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			450,449			
Recharge Well: MK69 (MR43)							
Legal Description:	9/1/2016	3	atm	218,844	9/4/2016	12:00AM	RM
SE SE SE 11-24-3W	9/4/2016	7	atm	576,391	9/11/2016	12:00AM	RM
	9/11/2016	7	atm	345,845	9/18/2016	12:00AM	RM
	9/18/2016	7	atm	287,285	9/25/2016	12:00AM	RM
	9/25/2016	6	atm	422,842	9/30/2016	12:00AM	RM
		1	atm			12:00AM	RM
	31			1,851,207			
Recharge Well: MK70 (MR44)							
Legal Description:	9/1/2016	3	atm	2,114	9/4/2016	12:00AM	RM
SW SW SE 11-24-3W	9/4/2016	7	atm	2,573	9/11/2016	12:00AM	RM
	9/11/2016	7	atm	18	9/18/2016	12:00AM	RM
	9/18/2016	7	atm	67	9/25/2016	12:00AM	RM
	9/25/2016	6	atm		9/30/2016	12:00AM	RM
		1	atm			12:00AM	RM
	31			4,772			
Recharge Well: MK71 (MR45)							
Legal Description:	9/1/2016	3	atm		9/4/2016	12:00AM	RM
SW SW SE 11-24-3W	9/4/2016	7	atm		9/11/2016	12:00AM	RM
	9/11/2016	7	atm		9/18/2016	12:00AM	RM
	9/18/2016	7	atm		9/25/2016	12:00AM	RM
	9/25/2016	6	atm		9/30/2016	12:00AM	RM
		1	atm			12:00AM	RM
	31			0			
Recharge Well: MK60 (MR47)							
Legal Description:	9/1/2016	3	atm		9/4/2016	12:00AM	RM
SW SW SE 24-24-3W	9/4/2016	7	atm		9/11/2016	12:00AM	RM
	9/11/2016	7	atm		9/18/2016	12:00AM	RM
	9/18/2016	7	atm		9/25/2016	12:00AM	RM
	9/25/2016	6	atm		9/30/2016	12:00AM	RM
		1	atm			12:00AM	RM
	31			0			
Recharge Well: MK59 (MR48)							
Legal Description:	9/1/2016	3	atm	221,011	9/4/2016	12:00AM	RM
NW NW NW 8-24-3W	9/4/2016	7	atm	629,868	9/11/2016	12:00AM	RM
	9/11/2016	7	atm	552,500	9/18/2016	12:00AM	RM
	9/18/2016	7	atm	401,785	9/25/2016	12:00AM	RM
	9/25/2016	6	atm	611,281	9/30/2016	12:00AM	RM
		1	atm			12:00AM	RM
	31			2,416,445			
Recharge Well: MK50 (MR50)							
Legal Description:	9/1/2016	3	atm	1,117	9/4/2016	12:00AM	RM
NW NW NW 8-24-3W	9/4/2016	7	atm	10,431	9/11/2016	12:00AM	RM
	9/11/2016	7	atm	1,882	9/18/2016	12:00AM	RM
	9/18/2016	7	atm	595	9/25/2016	12:00AM	RM
	9/25/2016	6	atm	1,477	9/30/2016	12:00AM	RM
		1	atm			12:00AM	RM
	31			15,502			

Recharge Well: MK51 (MR51)								
Legal Description:	9/1/2016	3	atn		9/4/2016	12:00AM	RM	
NW NW NW 8-24-2W	9/4/2016	7	atn		9/11/2016	12:00AM	RM	
	9/11/2016	7	atn		9/18/2016	12:00AM	RM	
	9/18/2016	7	atn		9/25/2016	12:00AM	RM	
	9/25/2016	6	atn		9/30/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
		31		0				
Recharge Well: MK73 (MR55)								
Legal Description:	9/1/2016	3	atn		9/4/2016	12:00AM	RM	
SE SW SE 5-25-2W	9/4/2016	7	atn		9/11/2016	12:00AM	RM	
	9/11/2016	7	atn		9/18/2016	12:00AM	RM	
	9/18/2016	7	atn		9/25/2016	12:00AM	RM	
	9/25/2016	6	atn		9/30/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
		31		0				
Recharge Well: MK74 (MR56)								
Legal Description:	9/1/2016	3	atn		9/4/2016	12:00AM	RM	
SW SW SW 13-24-3W	9/4/2016	7	atn		9/11/2016	12:00AM	RM	
	9/11/2016	7	atn		9/18/2016	12:00AM	RM	
	9/18/2016	7	atn		9/25/2016	12:00AM	RM	
	9/25/2016	6	atn		9/30/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
		31		0				
Recharge Well: MK75 (MR57)								
Legal Description:	9/1/2016	3	atn		9/4/2016	12:00AM	RM	
SE SE SE 13-24-3W	9/4/2016	7	atn		9/11/2016	12:00AM	RM	
	9/11/2016	7	atn	10	9/18/2016	12:00AM	RM	
	9/18/2016	7	atn	281	9/25/2016	12:00AM	RM	
	9/25/2016	6	atn		9/30/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
		31		291				
Recharge Well: MK76 (MR58)								
Legal Description:	9/1/2016	3	atn	282,996	9/4/2016	12:00AM	RM	
NE NE NE 19-24-2W	9/4/2016	7	atn	651,836	9/11/2016	12:00AM	RM	
	9/11/2016	7	atn	500,574	9/18/2016	12:00AM	RM	
	9/18/2016	7	atn	592,414	9/25/2016	12:00AM	RM	
	9/25/2016	6	atn	412,545	9/30/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
		31		2,440,365				
Recharge Well: MK77 (MR59)								
Legal Description:	9/1/2016	3	atn	172,241	9/4/2016	12:00AM	RM	
SE SW SW 16-24-2W	9/4/2016	7	atn	367,712	9/11/2016	12:00AM	RM	
	9/11/2016	7	atn	322,196	9/18/2016	12:00AM	RM	
	9/18/2016	7	atn	288,761	9/25/2016	12:00AM	RM	
	9/25/2016	6	atn	215,127	9/30/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
		31		1,366,037				
Recharge Well: MK78 (MR60)								
Legal Description:	9/1/2016	3	atn	312,727	9/4/2016	12:00AM	RM	
NW NW SW 21-24-2W	9/4/2016	7	atn	755,085	9/11/2016	12:00AM	RM	
	9/11/2016	7	atn	801,873	9/18/2016	12:00AM	RM	
	9/18/2016	7	atn	958,028	9/25/2016	12:00AM	RM	
	9/25/2016	6	atn	604,126	9/30/2016	12:00AM	RM	
		1	atn			12:00AM	RM	
		31		3,431,639				

Recharge Well: MK79 (MR61)							
Legal Description: NE NE NE 29-24-2W	9/1/2016	3	atm	302,662	9/4/2016	12:00AM	RM
	9/4/2016	7	atm	728,136	9/11/2016	12:00AM	RM
	9/11/2016	7	atm	759,743	9/18/2016	12:00AM	RM
	9/18/2016	7	atm	651,195	9/25/2016	12:00AM	RM
	9/25/2016	6	atm	530,153	9/30/2016	12:00AM	RM
		1	atm			12:00AM	RM
	31			2,971,889			

Total Recharged: **178,105,313**

Monthly Monitoring Report:

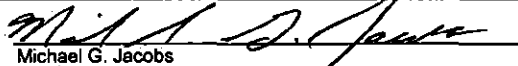
Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	(MPN)/100 ml
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
9/6/2016	05:20	0.00005	0.0051	17.7	121.4	8.84	200	0	0.47	<MDL	<1

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
<MDL	110.0	37.9	110.0	0.48	<MDL	<MDL	

Summary of Continuous Recording Data for the Month September-2016

Max pH	<input type="text" value="7.80"/>	Max Specific Conductance	<input type="text" value="646.50"/>	Max Turbid	<input type="text" value="0.12"/>	Max Temperature	<input type="text" value="73.90"/>
Min pH	<input type="text" value="6.60"/>	Min Specific Conductance	<input type="text" value="138.80"/>	Min Turbid	<input type="text" value="0.04"/>	Min Temperature	<input type="text" value="65.80"/>

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs 10-6-14
 Manager - Water Planning and Production 10/6/2016

(**This information shall be determined from review of all the continuous recording date for the entire month.)



Department of Public Works & Utilities

November 2, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: October-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the October 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 19 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 19 days.

Phase I Recharge Sites							
RB-1	0	RRW-1	0	RRW-3	0	RK05	0
RB-2	9470000	RRW-2	0	RW-1	0		
Total Phase I Injection Volume:							9,470,000
Phase II Recharge Sites							
RB-36	14,483,872	MK14 (MR14)	1,030,805	MK69 (MR43)	799,883	MK73 (MR55)	0
MK61 (MR2)	1,532,919	MK64 (MR18)	693	MK70 (MR44)	29	MK74 (MR56)	0
MK80 (MR4)	1,472,778	MK19 (MR19)	14,401	MK71 (MR45)	330,860	MK75 (MR57)	921
MK62 (MR6)	1,655,491	MK65 (MR20)	607,480	MK60 (MR47)	172	MK76 (MR58)	968,538
MK63 (MR8)	1,347,437	MK66 (MR22)	667,245	MK48 (MR48)	1,025,960	MK77 (MR59)	557,566
MK10 (MR10)	1,158,658	MK67 (MR23)	868,419	MK50 (MR50)	1,379	MK78 (MR60)	1,482,289
MK11 (MR11)	1,362,057	MK26 (MR26)	149,670	MK51 (MR51)	0	MK79 (MR61)	716,433
MK13 (MR13)	1,172,628	MK68 (MR42)	351,463				
Total Phase II Injection Volume:							33,760,046
Total Injection Volume for the month:							43,230,046

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: October-2016

Permit No. KS 05-079-004

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or Inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	No water samples collected
	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			0				

Recharge Basin: RB-1									
Legal Description: NW NW NW 2-24-3W	10/1/2016	1	atm	0	10/2/2016	12:00AM	RM	No Longer in Uses	
	10/2/2016	7	atm	0	10/9/2016	12:00AM	RM		
	10/9/2016	7	atm	0	10/16/2016	12:00AM	RM		
	10/16/2016	7	atm	0	10/23/2016	12:00AM	RM		
	10/23/2016	7	atm	0	1/30/2016	12:00AM	RM		
	10/30/2016	2	atm		1/31/2016	12:00AM	RM		
		31		0					
Recharge Basin: RB-2									
Legal Description: NW NW NW 11-24-3W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	Phase II Recharge Water	
	10/2/2016	7	atm		10/9/2016	12:00AM	RM		
	10/9/2016	7	atm		10/16/2016	12:00AM	RM		
	10/16/2016	7	atm		10/23/2016	12:00AM	RM		
	10/23/2016	7	atm		1/30/2016	12:00AM	RM		
	10/30/2016	2	atm	9,470,000	1/31/2016	12:00AM	RM		
		31		9,470,000					
Total Recharged:			9,470,000						

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month October-2016

Max pH Max Specific Conductance Max Turbidity Max Temperature

Min pH Min Specific Conductance Min Turbidity Min Temperature

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

11/2/2016

Class V Injection Well Monitoring Report

Month: **October-2016**

Permit No. **KS 05-079-004**

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N 119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
	10/2/2016	7	atm	307,670	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	236,451	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	10,356,317	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	3,583,434	1/31/2016	12:00AM	RM	
			31		14,483,872			
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	10/1/2016	1	atm	56,000	10/2/2016	12:00AM	RM	
	10/2/2016	7	atm	1,073,836	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	58,597	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	256,103	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	88,383	1/31/2016	12:00AM	RM	
			31		1,532,919			
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	10/1/2016	1	atm	54,651	10/2/2016	12:00AM	RM	
	10/2/2016	7	atm	1,037,598	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	57,569	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	239,593	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	83,367	1/31/2016	12:00AM	RM	
			31		1,472,778			
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	10/1/2016	1	atm	63,888	10/2/2016	12:00AM	RM	
	10/2/2016	7	atm	1,157,330	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	60,149	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	277,325	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	96,799	1/31/2016	12:00AM	RM	
			31		1,655,491			
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
	10/2/2016	7	atm	954,071	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	60,647	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	246,274	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	86,445	1/31/2016	12:00AM	RM	
			31		1,347,437			
Recharge Well: MK56 (MR10)								
Legal Description: NW NW NW 8-24-2W	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
	10/2/2016	7	atm	787,357	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	46,621	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	241,083	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	83,597	1/31/2016	12:00AM	RM	
			31		1,158,658			

Recharge Well: MK11 (MR11)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW NW 8-24-2W	10/2/2016	7	atm	941,041	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	64,982	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	263,337	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	92,697	1/31/2016	12:00AM	RM	
	31			1,362,057				
Recharge Well: MK57 (MR13)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW NW 8-24-2W	10/2/2016	7	atm	730,236	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	326,878	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	115,514	1/31/2016	12:00AM	RM	
	31			1,172,628				
Recharge Well: MK14 (MR14)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW NW 8-24-2W	10/2/2016	7	atm	957,968	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	72,837	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			1,030,805				
Recharge Well: MK64 (MR18)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NE NE SE 16-24-2W	10/2/2016	7	atm	571	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	122	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			693				
Recharge Well: MK19 (MR19)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW NW 8-24-2W	10/2/2016	7	atm	14,401	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			14,401				
Recharge Well: MK65 (MR20)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NE NE NE 27-24-2W	10/2/2016	7	atm	326,747	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	215,587	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	65,146	1/31/2016	12:00AM	RM	
	31			607,480				
Recharge Well: MK66 (MR22)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SW SW SE 26-24-2W	10/2/2016	7	atm	358,789	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	28,995	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	208,749	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	72,712	1/31/2016	12:00AM	RM	
	31			667,245				
Recharge Well: MK67 (MR23)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SE SE NE 35-24-2W	10/2/2016	7	atm	559,568	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	47,019	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	193,911	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm	67,921	1/31/2016	12:00AM	RM	
	31			868,419				

Recharge Well: MK58 (MR26)								
Legal Description:	10/1/2016	1	atm.		10/2/2016	12:00AM	RM	
NW NW NW 8-24-3W	10/2/2016	7	atm	71,595	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	78,075	1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			149,670				
Recharge Well: MK68 (MR42)								
Legal Description:	10/1/2016	1	atm	37	10/2/2016	12:00AM	RM	
SE SE NE 11-24-3W	10/2/2016	7	atm	327,884	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	23,542	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	2	atm		1/31/2016	12:00AM	RM	
	31			351,463				
Recharge Well: MK69 (MR43)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SE SE SE 11-24-3W	10/2/2016	7	atm	497,813	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	37,228	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	195,773	1/30/2016	12:00AM	RM	
	10/30/2016	1	atm	69,069	1/31/2016	12:00AM	RM	
	30			799,883				
Recharge Well: MK70 (MR44)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SW SW SE 11-24-3W	10/2/2016	7	atm	29	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			29				
Recharge Well: MK71 (MR45)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SW SW SE 11-24-3W	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	889	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm	329,971	10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			330,860				
Recharge Well: MK60 (MR47)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SW SW SE 24-24-3W	10/2/2016	7	atm	101	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	71	1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			172				
Recharge Well: MK59 (MR48)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW NW 8-24-3W	10/2/2016	7	atm	570,153	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	49,655	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	302,895	1/30/2016	12:00AM	RM	
	10/30/2016	1	atm	103,257	1/31/2016	12:00AM	RM	
	30			1,025,960				
Recharge Well: MK50 (MR50)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW NW 8-24-3W	10/2/2016	7	atm	618	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	761	1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			1,379				

Recharge Well: MK51 (MR51)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW NW 8-24-3W	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			0				
Recharge Well: MK73 (MR55)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SE SW SE 5-25-2W	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			0				
Recharge Well: MK74 (MR56)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SW SW SW 13-24-3W	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			0				
Recharge Well: MK75 (MR57)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SE SE SE 13-24-3W	10/2/2016	7	atm		10/9/2016	12:00AM	RM	
	10/9/2016	7	atm		10/16/2016	12:00AM	RM	
	10/16/2016	7	atm	921	10/23/2016	12:00AM	RM	
	10/23/2016	7	atm		1/30/2016	12:00AM	RM	
	10/30/2016	1	atm		1/31/2016	12:00AM	RM	
	30			921				
Recharge Well: MK76 (MR58)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NE NE NE 19-24-2W	10/2/2016	7	atm	570,375	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	55,695	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	253,440	1/30/2016	12:00AM	RM	
	10/30/2016	1	atm	89,028	1/31/2016	12:00AM	RM	
	30			968,538				
Recharge Well: MK77 (MR59)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
SE SW SW 16-24-2W	10/2/2016	7	atm	310,734	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	23,682	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	165,190	1/30/2016	12:00AM	RM	
	10/30/2016	1	atm	57,960	1/31/2016	12:00AM	RM	
	30			557,566				
Recharge Well: MK78 (MR60)								
Legal Description:	10/1/2016	1	atm		10/2/2016	12:00AM	RM	
NW NW SW 21-24-2W	10/2/2016	7	atm	922,045	10/9/2016	12:00AM	RM	
	10/9/2016	7	atm	69,121	10/16/2016	12:00AM	RM	
	10/16/2016	7	atm		10/23/2016	12:00AM	RM	
	10/23/2016	7	atm	277,169	1/30/2016	12:00AM	RM	
	10/30/2016	1	atm	213,954	1/31/2016	12:00AM	RM	
	30			1,482,289				

Recharge Well: MK79 (MR61)							
Legal Description: NE NE NE 29-24-2W	10/1/2016	1	atm		10/2/2016	12:00AM	RM
	10/2/2016	7	atm	657,299	10/9/2016	12:00AM	RM
	10/9/2016	7	atm	59,134	10/16/2016	12:00AM	RM
	10/16/2016	7	atm		10/23/2016	12:00AM	RM
	10/23/2016	7	atm		1/30/2016	12:00AM	RM
	10/30/2016	1	atm		1/31/2016	12:00AM	RM
				30	716,433		

Total Recharged: **33,760,046**

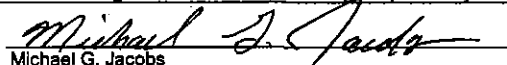
Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
10/3/2016	05:15	0.00113	0.00626	29.6	210.5	8.04	330	0	0.47	0.053	<1

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
<MDL	184.0	65.7	184.0	0.96	<MDL	<0.001	

Summary of Continuous Recording Data for the Month				October-2016			
Max pH	<input type="text" value="8.30"/>	Max Specific Conductance	<input type="text" value="1017.90"/>	Max Turbidity	<input type="text" value="0.23"/>	Max Temperature	<input type="text" value="67.30"/>
Min pH	<input type="text" value="7.50"/>	Min Specific Conductance	<input type="text" value="439.70"/>	Min Turbidity	<input type="text" value="0.04"/>	Min Temperature	<input type="text" value="64.80"/>

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

11/2/2016

(**This information shall be determined from review of all the continuous recording data for the entire month.)



Department of Public Works & Utilities

December 5, 2016

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: November-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the November 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 0 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 30 days.

Phase I Recharge Sites								
RB-1	0	RRW-1	0	RRW-3	0	RK05	0	
RB-2	0	RRW-2	0	RW-1	0			
							Total Phase I Injection Volume:	-
Phase II Recharge Sites								
RB-36	-	MK14 (MR14)	0	MK69 (MR43)	0	MK73 (MR55)	0	
MK61 (MR2)	0	MK64 (MR18)	0	MK70 (MR44)	0	MK74 (MR56)	0	
MK80 (MR4)	0	MK19 (MR19)	0	MK71 (MR45)	0	MK75 (MR57)	0	
MK62 (MR6)	0	MK65 (MR20)	0	MK60 (MR47)	0	MK76 (MR58)	0	
MK63 (MR8)	0	MK66 (MR22)	0	MK48 (MR48)	0	MK77 (MR59)	0	
MK10 (MR10)	0	MK67 (MR23)	0	MK50 (MR50)	0	MK78 (MR60)	0	
MK11 (MR11)	0	MK26 (MR26)	0	MK51 (MR51)	0	MK79 (MR61)	0	
MK13 (MR13)	0	MK68 (MR42)	0					
							Total Phase II Injection Volume:	0
							Total injection volume for the month:	-

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: November-2016

Permit No. KS 05-079-004

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	No water samples collected
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm		12:00AM	RM	
	30			0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm		12:00AM	RM	
	30			0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm		12:00AM	RM	
	30			0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm		12:00AM	RM	
	30			0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm		12:00AM	RM	
	30			0				

Recharge Basin:	RB-1									
Legal Description: NW NW NW 2-24-3W	11/1/2016	5	atm	0	11/6/2016	12:00AM	RM	No Longer in Uses		
	11/6/2016	7	atm	0	11/13/2016	12:00AM	RM			
	11/13/2016	7	atm	0	11/20/2016	12:00AM	RM			
	11/20/2016	7	atm	0	11/27/2016	12:00AM	RM			
	11/27/2016	4	atm	0	11/30/2016	12:00AM	RM			
			atm			12:00AM	RM			
	30		0							
Recharge Basin:	RB-2									
Legal Description: NW NW NW 11-24-3W	11/1/2016	5	atm		11/6/2016	12:00AM	RM			
	11/6/2016	7	atm		11/13/2016	12:00AM	RM			
	11/13/2016	7	atm		11/20/2016	12:00AM	RM			
	11/20/2016	7	atm		11/27/2016	12:00AM	RM			
	11/27/2016	4	atm		11/30/2016	12:00AM	RM			
			atm			12:00AM	RM			
	30		0							
Total Recharged:				0						

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

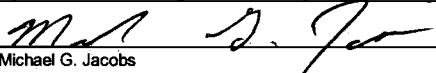
Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month **November-2016**

Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbidity	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbidity	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

(This information shall be determined from review of all the continuous recording date for the entire month.)

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

12/5/2016

Class V Injection Well Monitoring Report

Month: **November-2016**

Permit No. **KS 05-079-004**

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N 119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB:36								
Legal Description: NW 9-25-1W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				
Recharge Well: MK56 (MR10)								
Legal Description: NWNWNW8-24-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM	
	11/6/2016	7	atm		11/13/2016	12:00AM	RM	
	11/13/2016	7	atm		11/20/2016	12:00AM	RM	
	11/20/2016	7	atm		11/27/2016	12:00AM	RM	
	11/27/2016	4	atm		11/30/2016	12:00AM	RM	
				atm			12:00AM	RM
		30		0				

Recharge Well: MK11 (MR11)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NW NW NW 8-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK57 (MR13)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NW NW NW 8-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK14 (MR14)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NW NW NW 8-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK64 (MR18)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NE NE SE 16-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK19 (MR19)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NW NW NW 8-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK65 (MR20)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NE NE NE 27-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK66 (MR22)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
SW SW SE 26-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK67 (MR23)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
SE SE NE 35-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			

Recharge Well: MK58 (MR26)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NW NW NW 8-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK68 (MR42)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
SE SE NE 11-24-3W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK69 (MR43)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
SE SE SE 11-24-3W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK70 (MR44)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
SW SW SE 11-24-3W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK71 (MR45)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
SW SW SE 11-24-3W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK60 (MR47)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
SW SW SE 24-24-3W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK59 (MR48)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NW NW NW 8-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			
Recharge Well: MK50 (MR50)							
Legal Description:	11/1/2016	5	atm		11/6/2016	12:00AM	RM
NW NW NW 8-24-2W	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30			0			

Recharge Well: MK51 (MR51)							
Legal Description: NW NW NW 8-24-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30		0				
Recharge Well: MK73 (MR55)							
Legal Description: SE SW SE 5-25-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30		0				
Recharge Well: MK74 (MR56)							
Legal Description: SW SW SW 13-24-3W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30		0				
Recharge Well: MK75 (MR57)							
Legal Description: SE SE SE 13-24-3W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30		0				
Recharge Well: MK76 (MR58)							
Legal Description: NE NE NE 19-24-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30		0				
Recharge Well: MK77 (MR59)							
Legal Description: SE SW SW 16-24-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30		0				
Recharge Well: MK78 (MR60)							
Legal Description: NW NW SW 21-24-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
			atm			12:00AM	RM
	30		0				

Recharge Well: MK79 (MR61)							
Legal Description: NE,NE,NE,29-24-2W	11/1/2016	5	atm		11/6/2016	12:00AM	RM
	11/6/2016	7	atm		11/13/2016	12:00AM	RM
	11/13/2016	7	atm		11/20/2016	12:00AM	RM
	11/20/2016	7	atm		11/27/2016	12:00AM	RM
	11/27/2016	4	atm		11/30/2016	12:00AM	RM
						12:00AM	RM
Total Recharged:			30	0			

Monthly Monitoring Report:

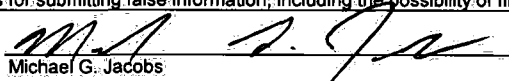
Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
n/a	n/a	MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month: November-2016

Max pH	0.00	Max Specific Conductance	0.00	Max Turbid	0.00	Max Temperature	0.00
Min pH	0.00	Min Specific Conductance	0.00	Min Turbid	0.00	Min Temperature	0.00

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

12/5/2016

(**This information shall be determined from review of all the continuous recording date for the entire month.)



Department of Public Works & Utilities

January 9, 2017

Mike Cochran
 Unit Chief
 Geology Section Bureau of Water
 1000 SW Jackson Street, Suite 420
 Topeka, KS 66612-1367

RE: December-2016 Class V Injection Well Monthly Monitoring Report

Dear Mike:

Enclosed is the December 2016 monthly Class V Injection Well Monitoring Report for the following ASR monitoring sites. Flows in the Little Arkansas River were not high enough that ASR Phase I diversion wells could have not been operated for 31 days. Conditions were not within desired operational parameters of the Phase II intake and membrane facility for 31 days.

Phase I Recharge Sites								
RB-1	0	RRW-1	0	RRW-3	0	RK05	0	
RB-2	0	RRW-2	0	RW-1	0			
							Total Phase I Injection Volume:	-
Phase II Recharge Sites								
RB-36	-	MK14 (MR14)	0	MK69 (MR43)	0	MK73 (MR55)	0	
MK61 (MR2)	0	MK64 (MR18)	0	MK70 (MR44)	0	MK74 (MR56)	0	
MK80 (MR4)	0	MK19 (MR19)	0	MK71 (MR45)	0	MK75 (MR57)	0	
MK62 (MR6)	0	MK65 (MR20)	0	MK60 (MR47)	0	MK76 (MR58)	0	
MK63 (MR8)	0	MK66 (MR22)	0	MK48 (MR48)	0	MK77 (MR59)	0	
MK10 (MR10)	0	MK67 (MR23)	0	MK50 (MR50)	0	MK78 (MR60)	0	
MK11 (MR11)	0	MK26 (MR26)	0	MK51 (MR51)	0	MK79 (MR61)	0	
MK13 (MR13)	0	MK68 (MR42)	0					
							Total Phase II Injection Volume:	0
							Total injection volume for the month:	-

Please feel free to call at (316) 269-4760 if you have any questions, or need any additional information.

Sincerely,

**CITY OF WICHITA
 PUBLIC WORKS & UTILITIES**

Michael G. Jacobs
 Manager - Water Planning and Production

DEA:

CC: Manager, GWMD#2
 Andy Ziegler, USGS

ENC

Class V Injection Well Monitoring Report

Month: December-2016

Permit No. KS 05-079-004

Return to Bureau of Water
 UIC Unit, Geology Section
 1000 SW Jackson Street, Suite 420
 Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
 1815 W Pine Street
 Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase 1
 17934 NW 12th Street
 BuRMton, KS 67020

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 70,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Well: RMW-1								
Legal Description: SW SW SW 12-23-3W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	No water samples collected
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RMW-2								
Legal Description: NE NE NE 23-23-3W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RMW-3								
Legal Description: SW SW SW 24-23-W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RW-1								
Legal Description: SW SW SW 12-23-3W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				
Recharge Well: RK05 (RM05)								
Legal Description: NE 2-24-3W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
				atm		12:00AM	RM	
		31		0				

Recharge Basin: RB-1									
Legal Description: NW NW NW 2-24-3W	12/1/2016	3	atm	0	12/4/2016	12:00AM	RM	No Longer in Uses	
	12/4/2016	7	atm	0	12/10/2016	12:00AM	RM		
	12/10/2016	7	atm	0	12/18/2016	12:00AM	RM		
	12/18/2016	7	atm	0	12/24/2016	12:00AM	RM		
	12/24/2016	7	atm	0	12/31/2016	12:00AM	RM		
			atm			12:00AM	RM		
	31		0						
Recharge Basin: RB-2									
Legal Description: NW NW NW 11-24-3W	12/1/2016	3	atm		12/4/2016	12:00AM	RM		
	12/4/2016	7	atm		12/10/2016	12:00AM	RM		
	12/10/2016	7	atm		12/18/2016	12:00AM	RM		
	12/18/2016	7	atm		12/24/2016	12:00AM	RM		
	12/24/2016	7	atm		12/31/2016	12:00AM	RM		
			atm			12:00AM	RM		
	31		0						
Total Recharged:	31		0						

Monthly Monitoring Report:

Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness, dissolved	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect) (MPN)/100 ml
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a


Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month: December-2016

Max pH	0.00	Max Specific Conductance	0.00	Max Turbidity	0.00	Max Temperature	0.00
Min pH	0.00	Min Specific Conductance	0.00	Min Turbidity	0.00	Min Temperature	0.00

(This information shall be determined from review of all the continuous recording data for the entire month.)

I certify under penalty of law that this document and all coRMesponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

1/9/2017

Class V Injection Well Monitoring Report

Month: **December-2016**

Permit No. **KS 05-079-004**

Return to: Bureau of Water
UIC Unit, Geology Section
1000 SW Jackson Street, Suite 420
Topeka, Kansas 66612-1367

Company: City of Wichita Water & Sewer Department
1815 W Pine Street
Wichita, KS 67203

Facility: Equus Beds Recharge Project Phase II
11511 N 119th St W
Sedgwick KS 67135

Weekly Monitoring Report:

Injection Point	Date Week Begins	Number of Days in Week	Injection Pressure (psig or inches vacuum)	Injection Volume (gals per week) 420,000,000 max.	Date of Reading	Time of Reading	Initials	Comments
Recharge Basin: RB 36								
Legal Description: NW 9-25-1W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
			31		0		12:00AM	RM
Recharge Well: MK61 (MR2)								
Legal Description: NW NW SW 29-23-	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
			31		0		12:00AM	RM
Recharge Well: MK80 (MR4)								
Legal Description: SE SE SW 29-23-2W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
			31		0		12:00AM	RM
Recharge Well: MK62 (MR6)								
Legal Description: SW SW SW 32-23-2W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
			31		0		12:00AM	RM
Recharge Well: MK63 (MR8)								
Legal Description: NW NW NW 8-24-2W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
			31		0		12:00AM	RM
Recharge Well: MK56 (MR10)								
Legal Description: NW NW NW 8-24-2W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
			31		0		12:00AM	RM

Recharge Well: MK11 (MR11)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			
Recharge Well: MK57 (MR13)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			
Recharge Well: MK14 (MR14)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			
Recharge Well: MK64 (MR18)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NE NE SE 16-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			
Recharge Well: MK19 (MR19)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			
Recharge Well: MK65 (MR20)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NE NE NE 27-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			
Recharge Well: MK66 (MR22)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
SW SW SE 26-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			
Recharge Well: MK67 (MR23)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
SE SE NE 35-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31			0			

Recharge Well: MK58 (MR26)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31		0				
Recharge Well: MK68 (MR42)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
SE SE NE 11-24-3W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
			atm			12:00AM	RM
	31		0				
Recharge Well: MK69 (MR43)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
SE SE SE 11-24-3W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32		0				
Recharge Well: MK70 (MR44)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
SW SW SE 11-24-3W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32		0				
Recharge Well: MK71 (MR45)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
SW SW SE 11-24-3W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32		0				
Recharge Well: MK60 (MR47)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
SW SW SE 24-24-3W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32		0				
Recharge Well: MK59 (MR48)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32		0				
Recharge Well: MK50 (MR50)							
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM
	12/10/2016	7	atm		12/18/2016	12:00AM	RM
	12/18/2016	7	atm		12/24/2016	12:00AM	RM
	12/24/2016	7	atm		12/31/2016	12:00AM	RM
		1	atm			12:00AM	RM
	32		0				

Recharge Well: MK51 (MR51)								
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
NW NW NW 8-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
		32		0				
Recharge Well: MK73 (MR55)								
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
SE SW SE 5-25-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
		32		0				
Recharge Well: MK74 (MR56)								
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
SW SW SW 13-24-3W	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
		32		0				
Recharge Well: MK75 (MR57)								
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
SE SE SE 13-24-3W	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
		32		0				
Recharge Well: MK76 (MR58)								
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
NE NE NE 19-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
		32		0				
Recharge Well: MK77 (MR59)								
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
SE SW SW 16-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
		32		0				
Recharge Well: MK78 (MR60)								
Legal Description:	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
NW NW SW 21-24-2W	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm			12:00AM	RM	
		32		0				

Recharge Well: MK79 (MR61)								
Legal Description: NE NE NE 29-24-2W	12/1/2016	3	atm		12/4/2016	12:00AM	RM	
	12/4/2016	7	atm		12/10/2016	12:00AM	RM	
	12/10/2016	7	atm		12/18/2016	12:00AM	RM	
	12/18/2016	7	atm		12/24/2016	12:00AM	RM	
	12/24/2016	7	atm		12/31/2016	12:00AM	RM	
		1	atm					
32				0				

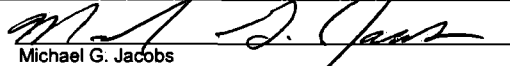
Total Recharged: 0

Monthly Monitoring Report:											
Date Sample Collected	Time Sample Collected	Atrazine (<0.003 mg/L max)	Arsenic (<0.010 mg/L max)	Chloride (<250 mg/L max)	Hardness	Potassium, dissolved	Dissolved Solids	Carbonate, dissolved as CaCO ₃	Total Phosphorus as (P)	Manganese, dissolved	Escherichia coli (E. Coli) (Non-Detect)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	(MPN)/100 ml
n/a	n/a	MDL=0.00004	MDL=0.0005	MDL=5.0	MDL=1.0	MDL=0.30	MDL=10	MDL=0	MDL=0.03	MDL=0.005	MDL=1.0

Suspended Solids	Alkalinity as CaCO ₃	Calcium, dissolved	Bicarbonate, dissolved as CaCO ₃	Nitrate as (N) (<10mg/L) Daily Max	Iron, dissolved	Triazine herbicide screen, dissolved	Comments
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MDL=4	MDL=2	MDL=0.5	MDL=2	MDL=0.02	MDL=0.10	MDL=0.0001	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	

Summary of Continuous Recording Data for the Month				December-2016			
Max pH	<input type="text" value="0.00"/>	Max Specific Conductance	<input type="text" value="0.00"/>	Max Turbid	<input type="text" value="0.00"/>	Max Temperature	<input type="text" value="0.00"/>
Min pH	<input type="text" value="0.00"/>	Min Specific Conductance	<input type="text" value="0.00"/>	Min Turbid	<input type="text" value="0.00"/>	Min Temperature	<input type="text" value="0.00"/>

I certify under penalty of law that this document and all corresponding documentation were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Michael G. Jacobs
 Manager - Water Planning and Production

1/9/2017

(**This information shall be determined from review of all the continuous recording date for the entire month.)

**APPENDIX D –
HISTORIC INDEX WELL WATER LEVEL DATA**

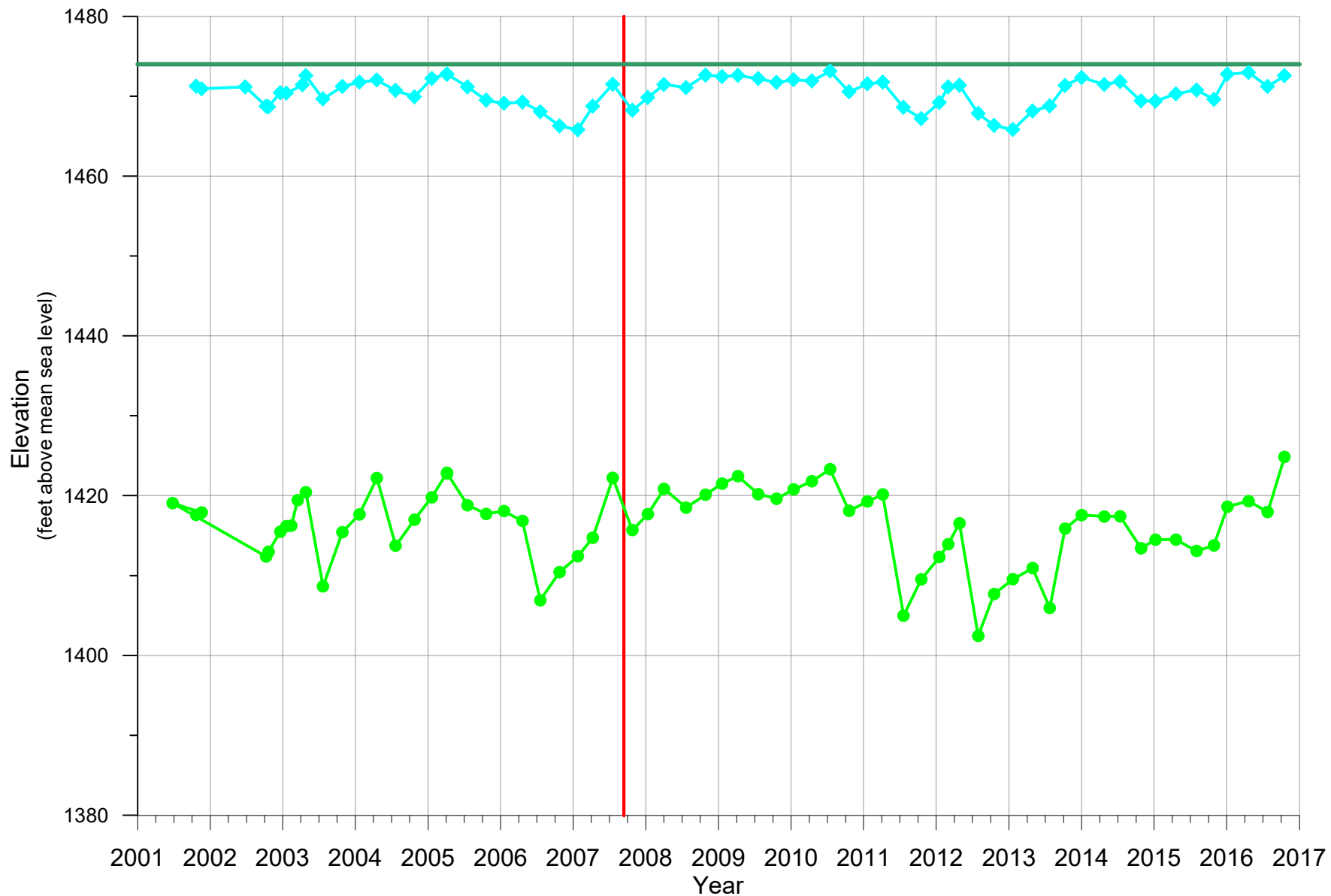


Figure D.1
 INDEX WELL HYDROGRAPHS
 IW-01A & IW01C
 2001 THROUGH 2016

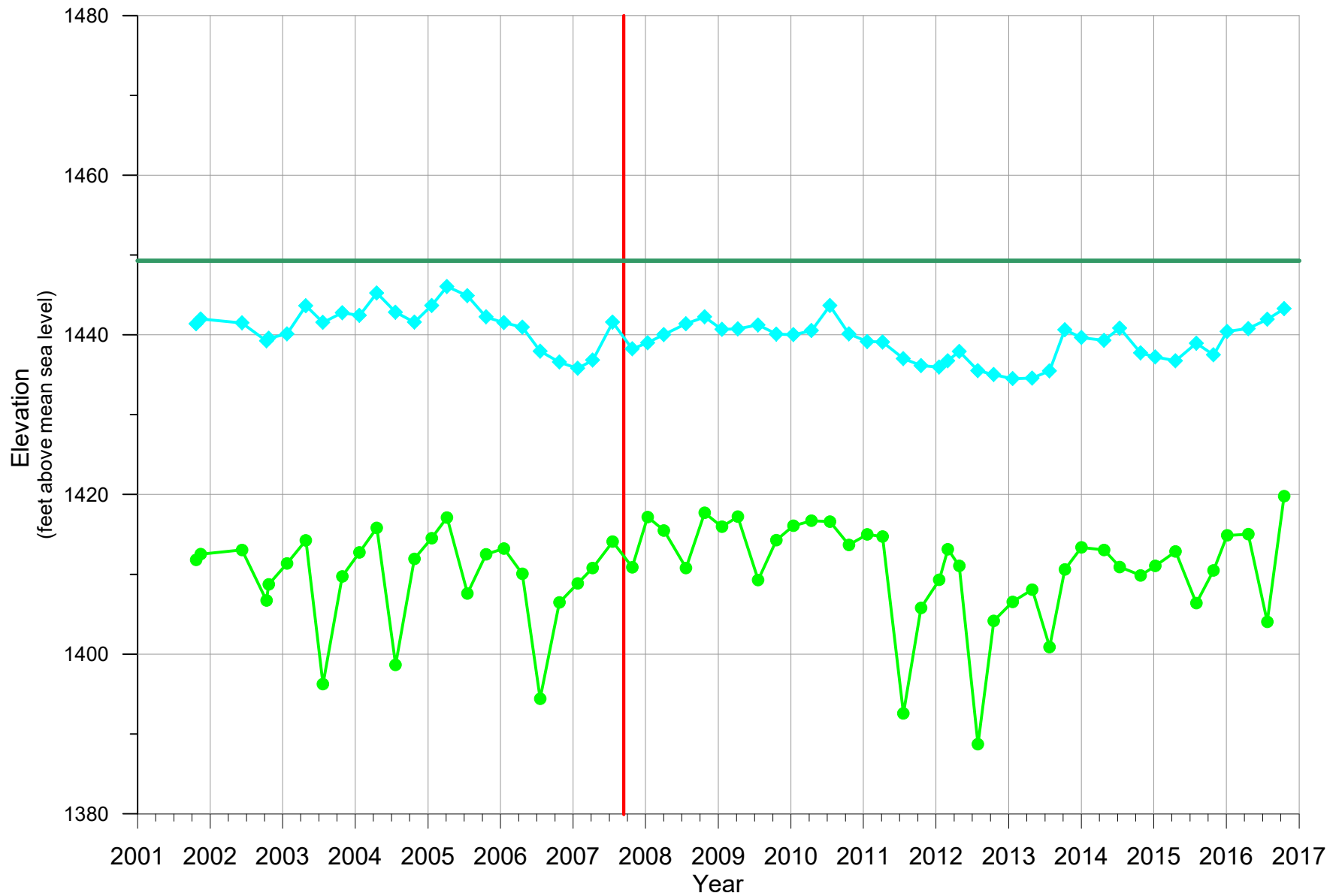


Figure D.2
 INDEX WELL HYDROGRAPHS
 IW-02A & IW02C
 2001 THROUGH 2016

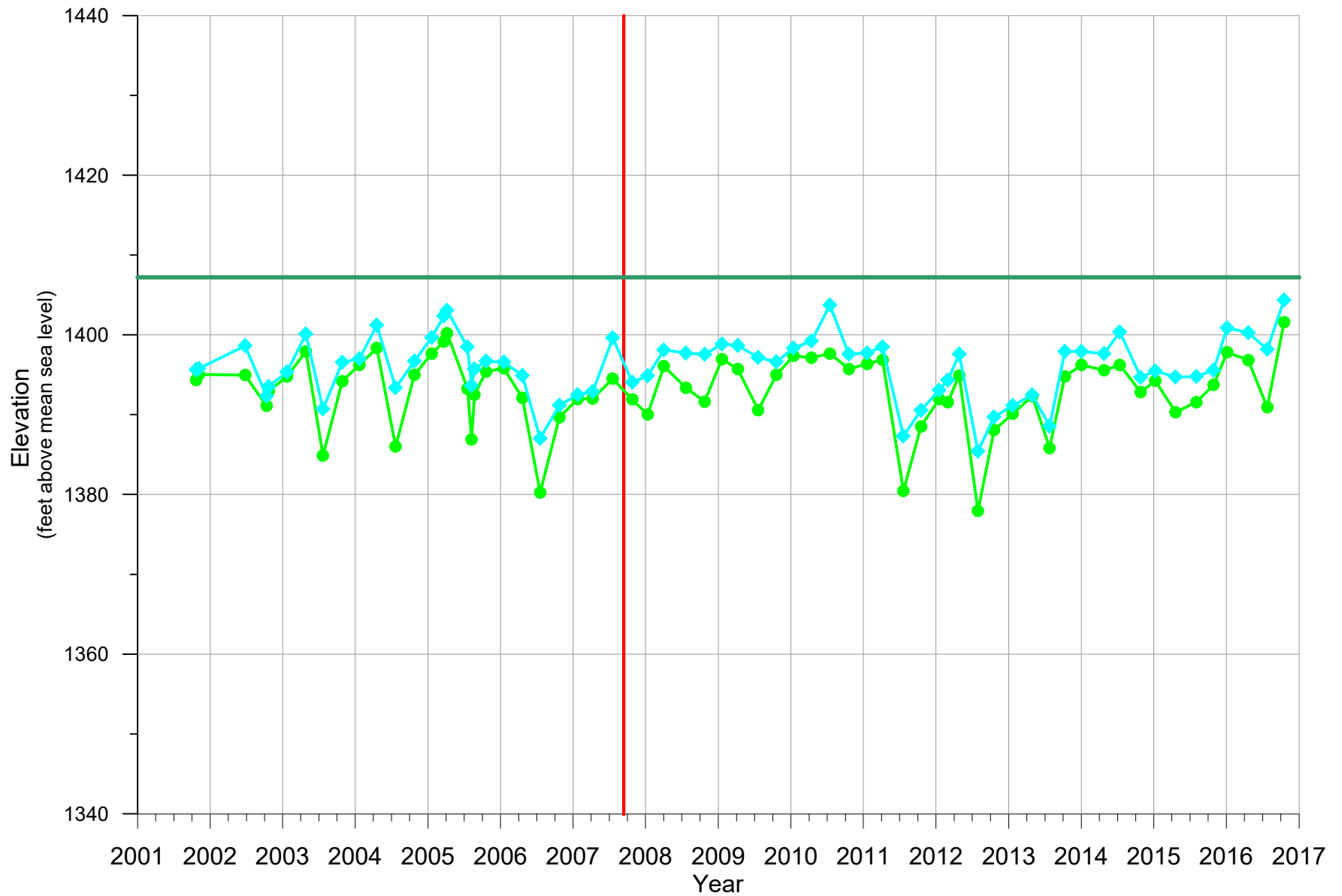


Figure D.3
 INDEX WELL HYDROGRAPHS
 IW-03A & IW03C
 2001 THROUGH 2016

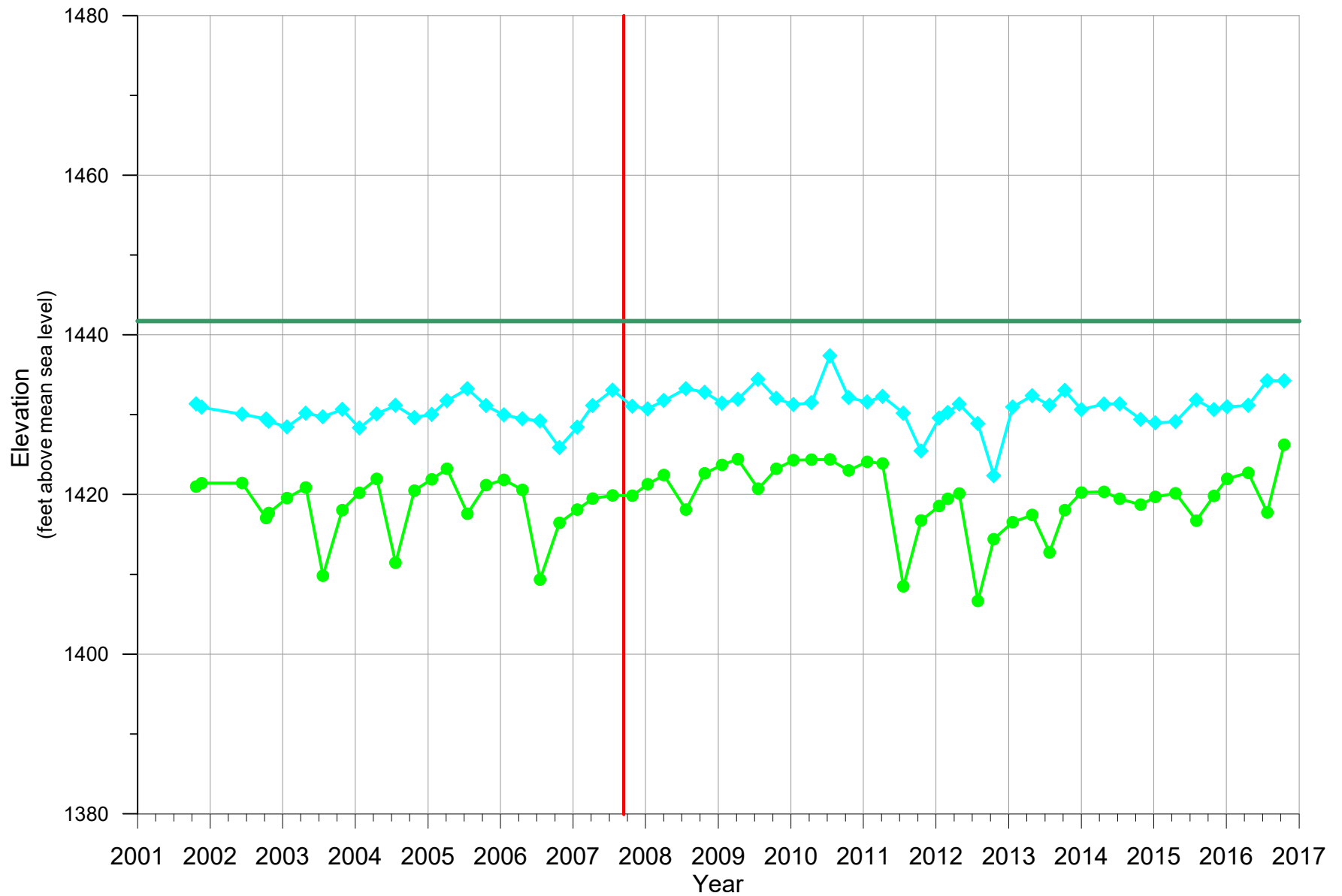


Figure D.4
 INDEX WELL HYDROGRAPHS
 IW-04A & IW04C
 2001 THROUGH 2016

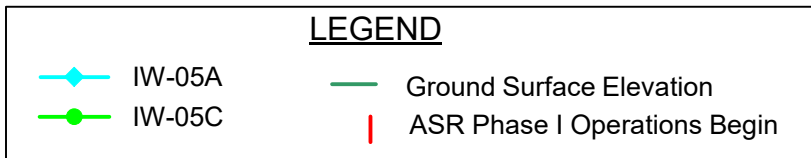
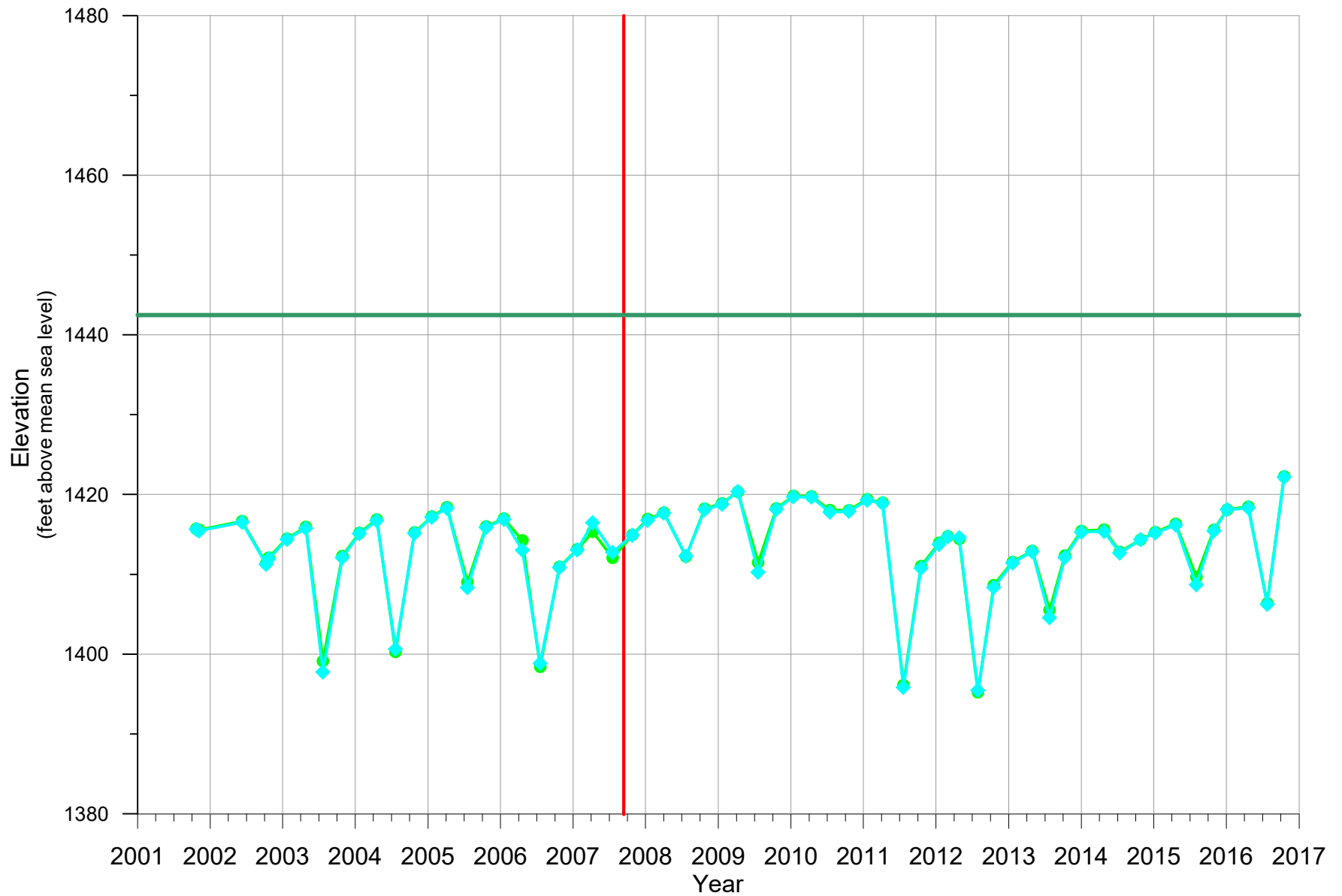


Figure D.5
 INDEX WELL HYDROGRAPHS
 IW-05A & IW05C
 2001 THROUGH 2016

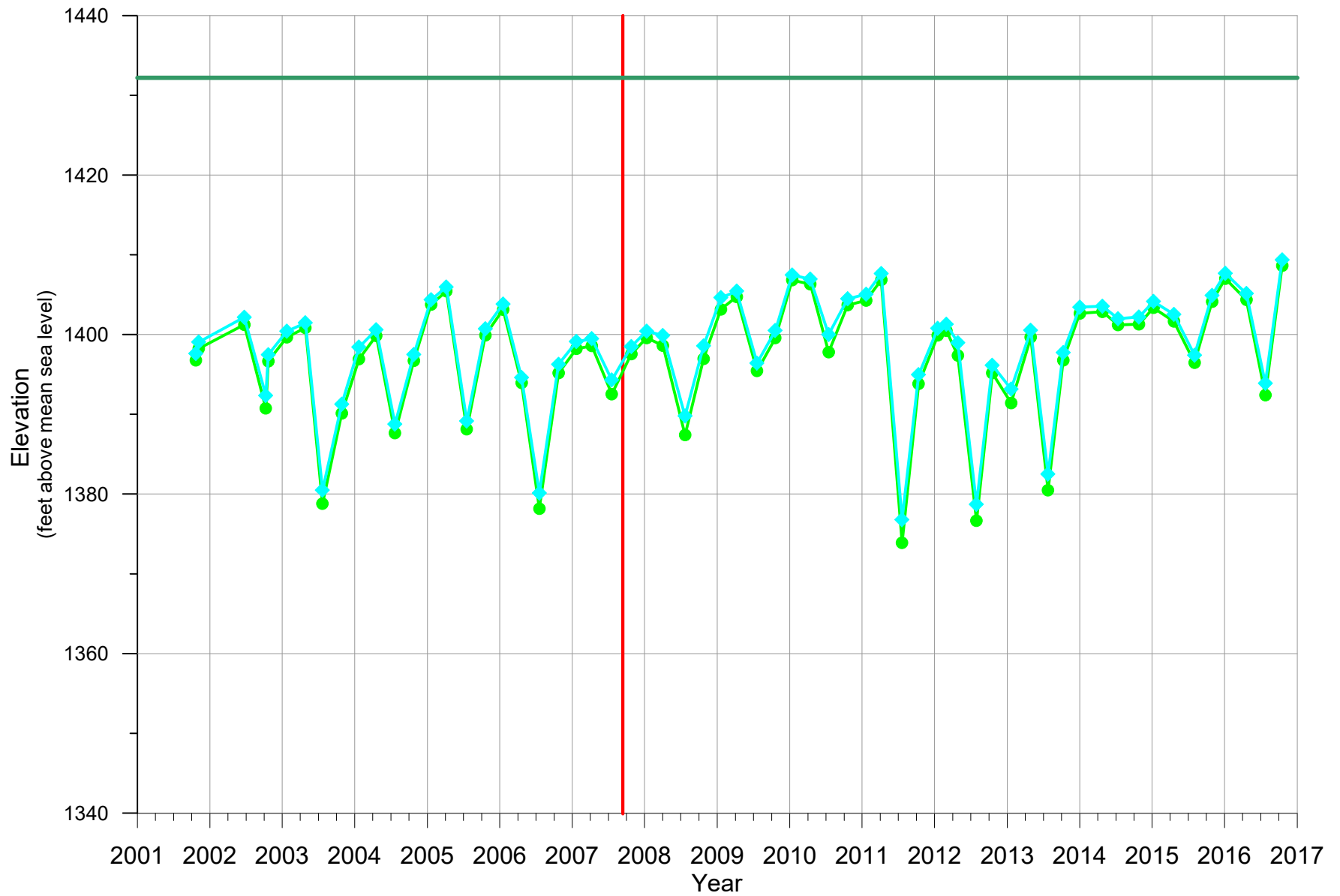


Figure D.6
 INDEX WELL HYDROGRAPHS
 IW-06A & IW06C
 2001 THROUGH 2016

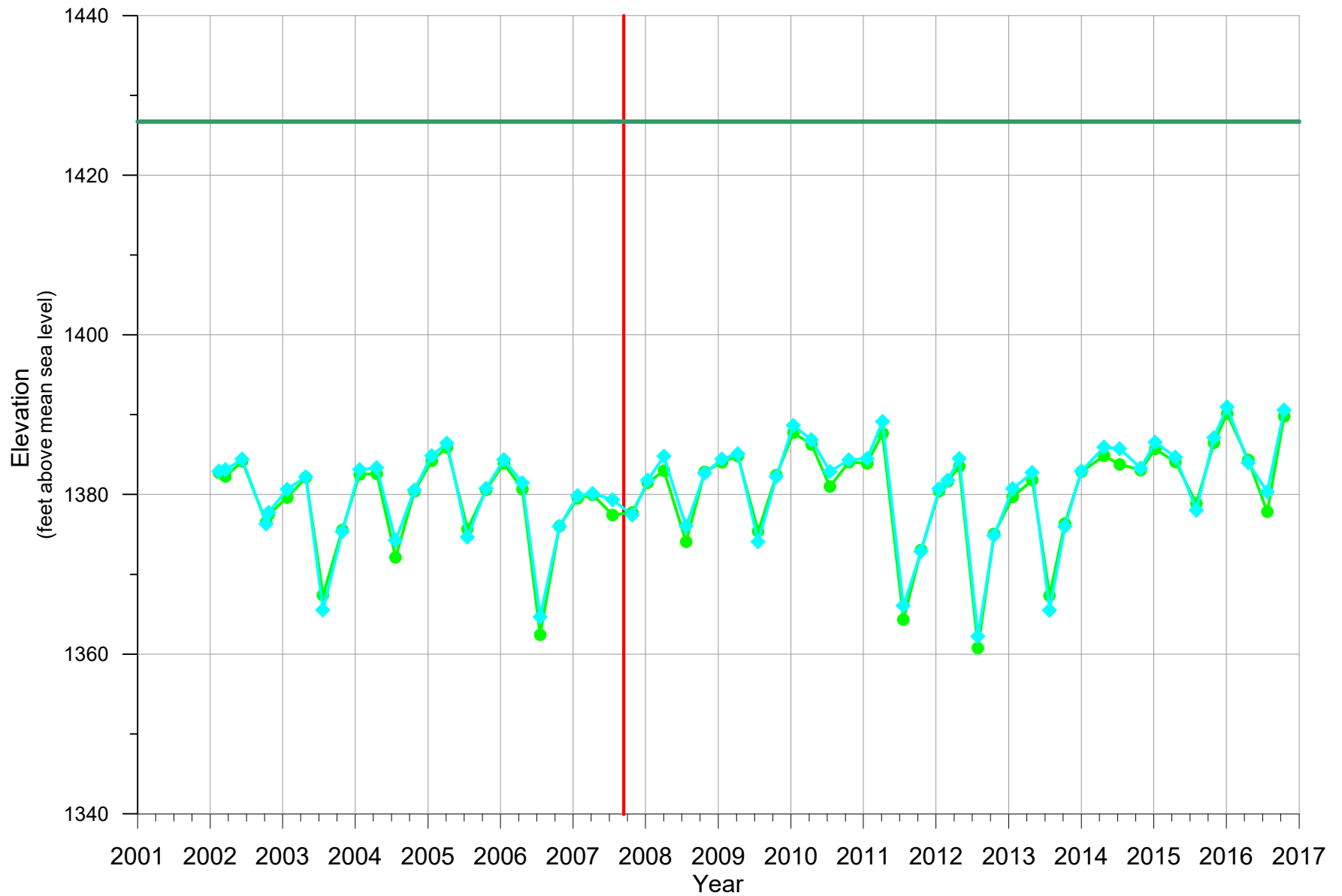


Figure D.7
 INDEX WELL HYDROGRAPHS
 IW-07A & IW07C
 2001 THROUGH 2016

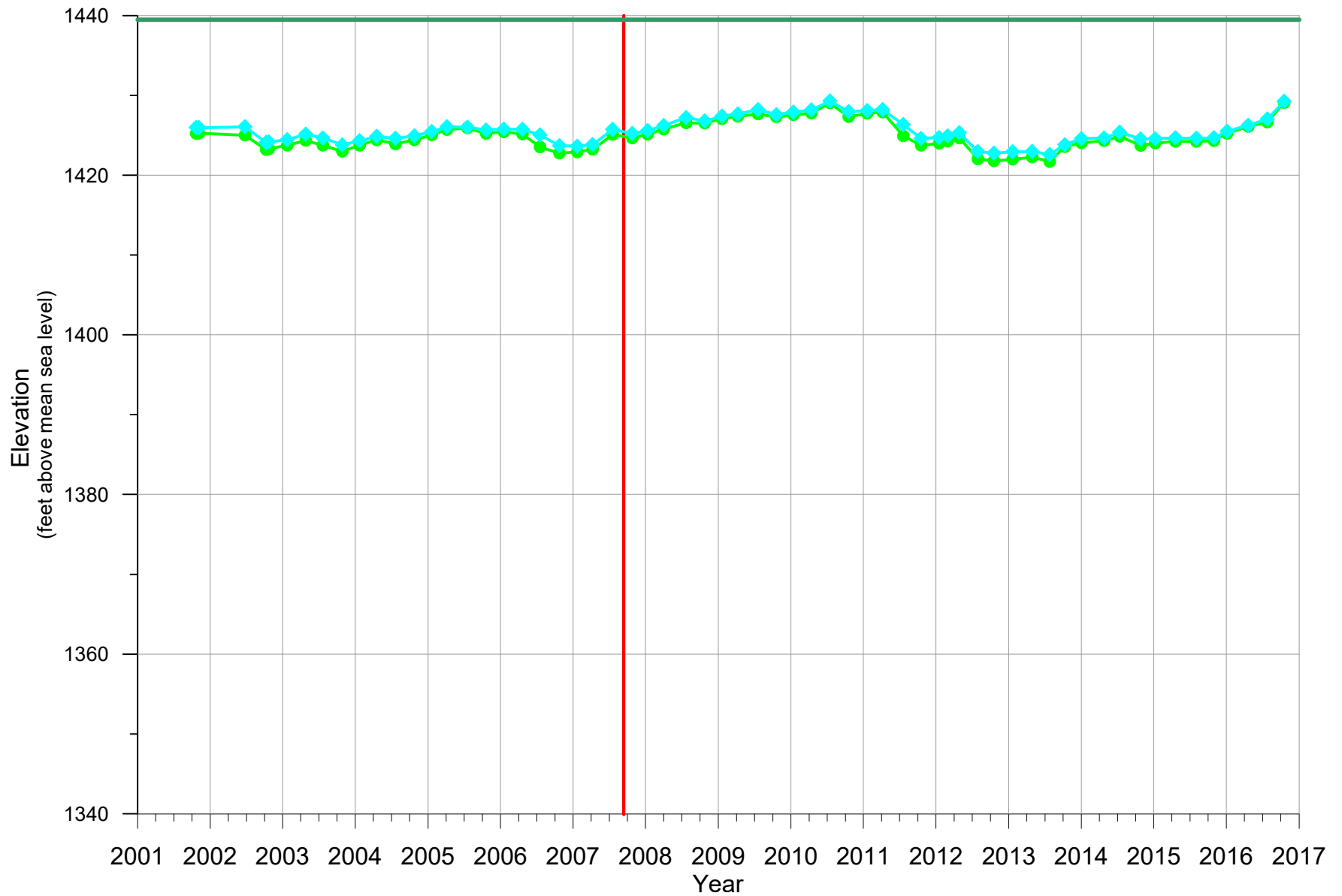


Figure D.8
 INDEX WELL HYDROGRAPHS
 IW-08A & IW08C
 2001 THROUGH 2016

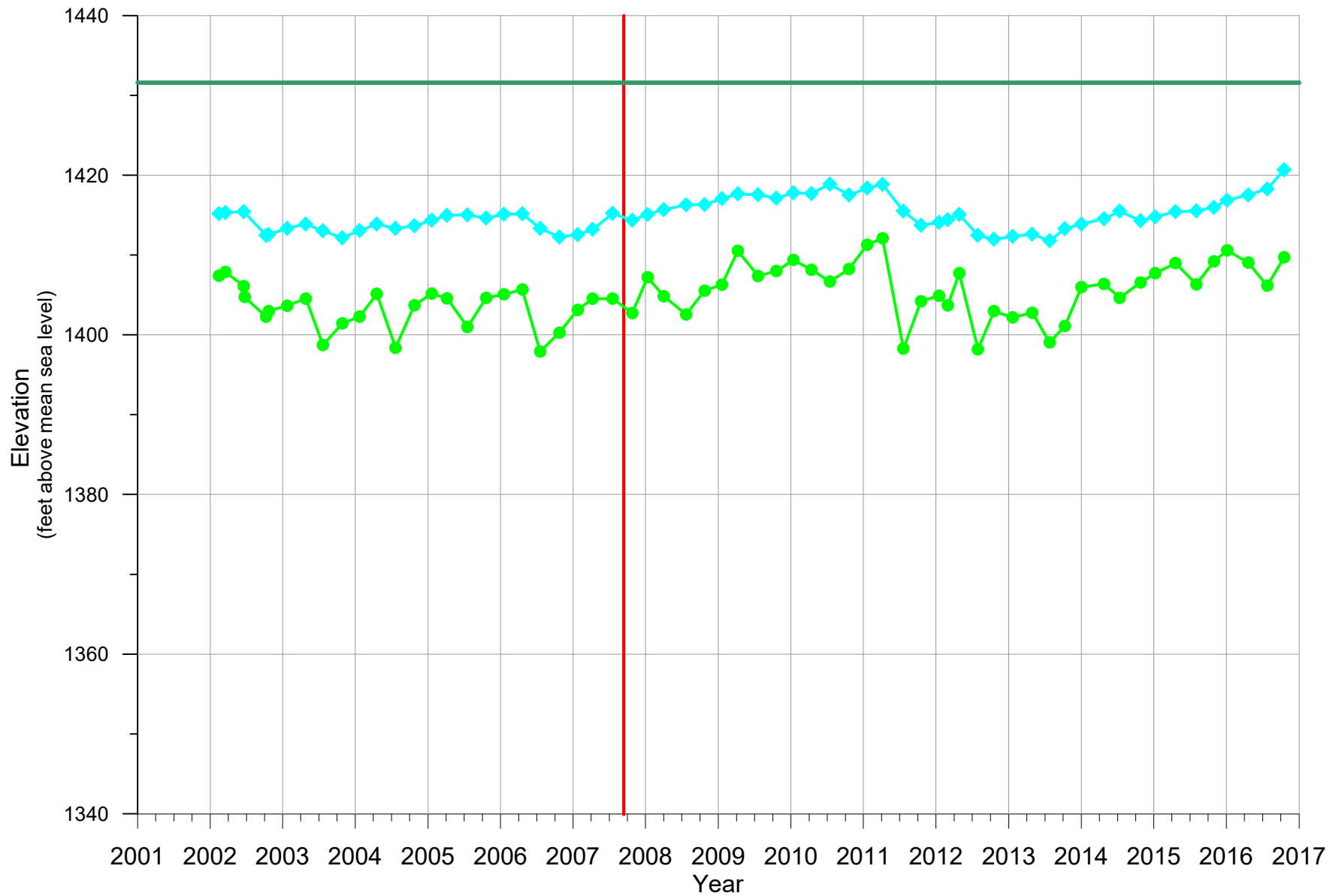


Figure D.9
 INDEX WELL HYDROGRAPHS
 IW-09A & IW09C
 2001 THROUGH 2016

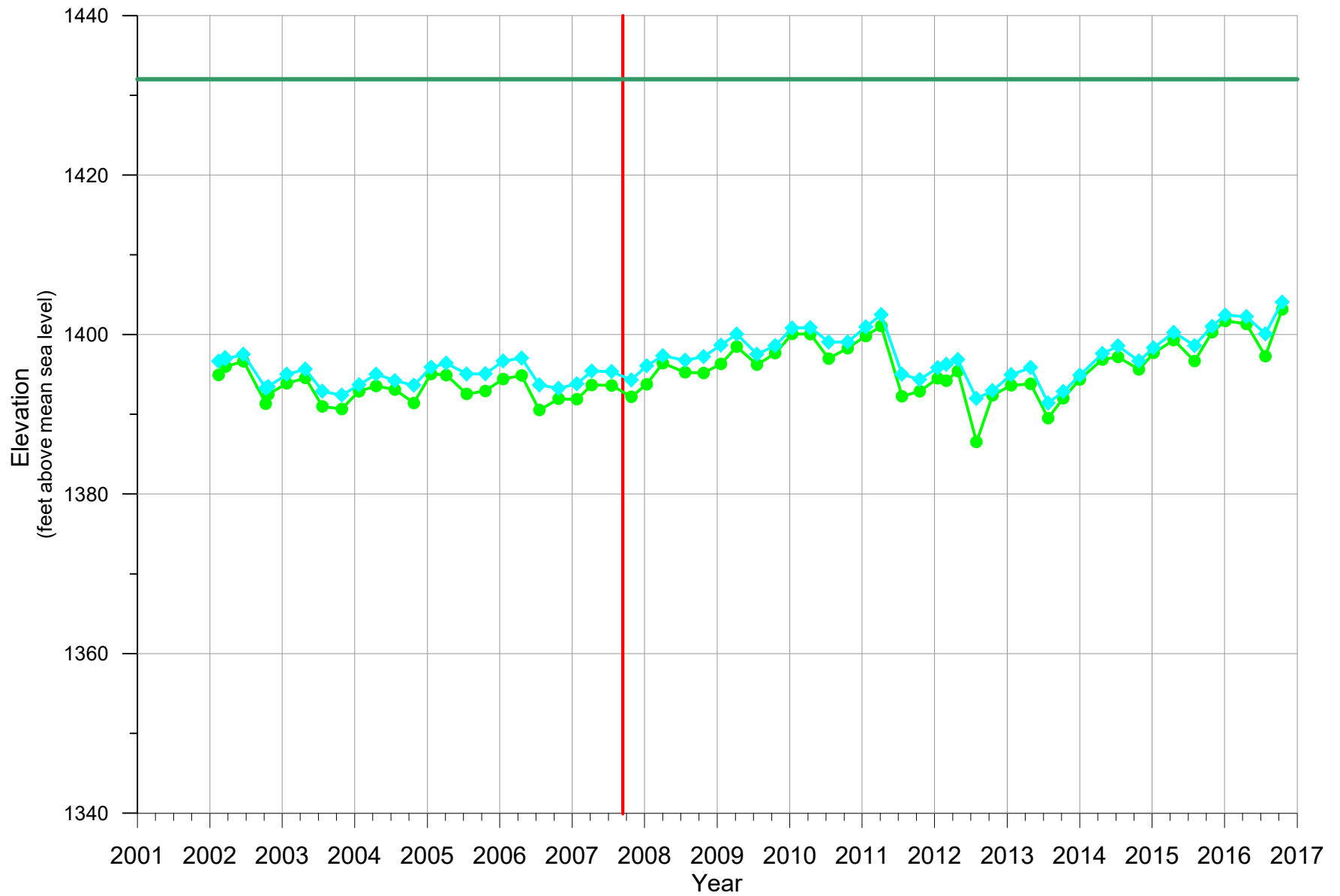
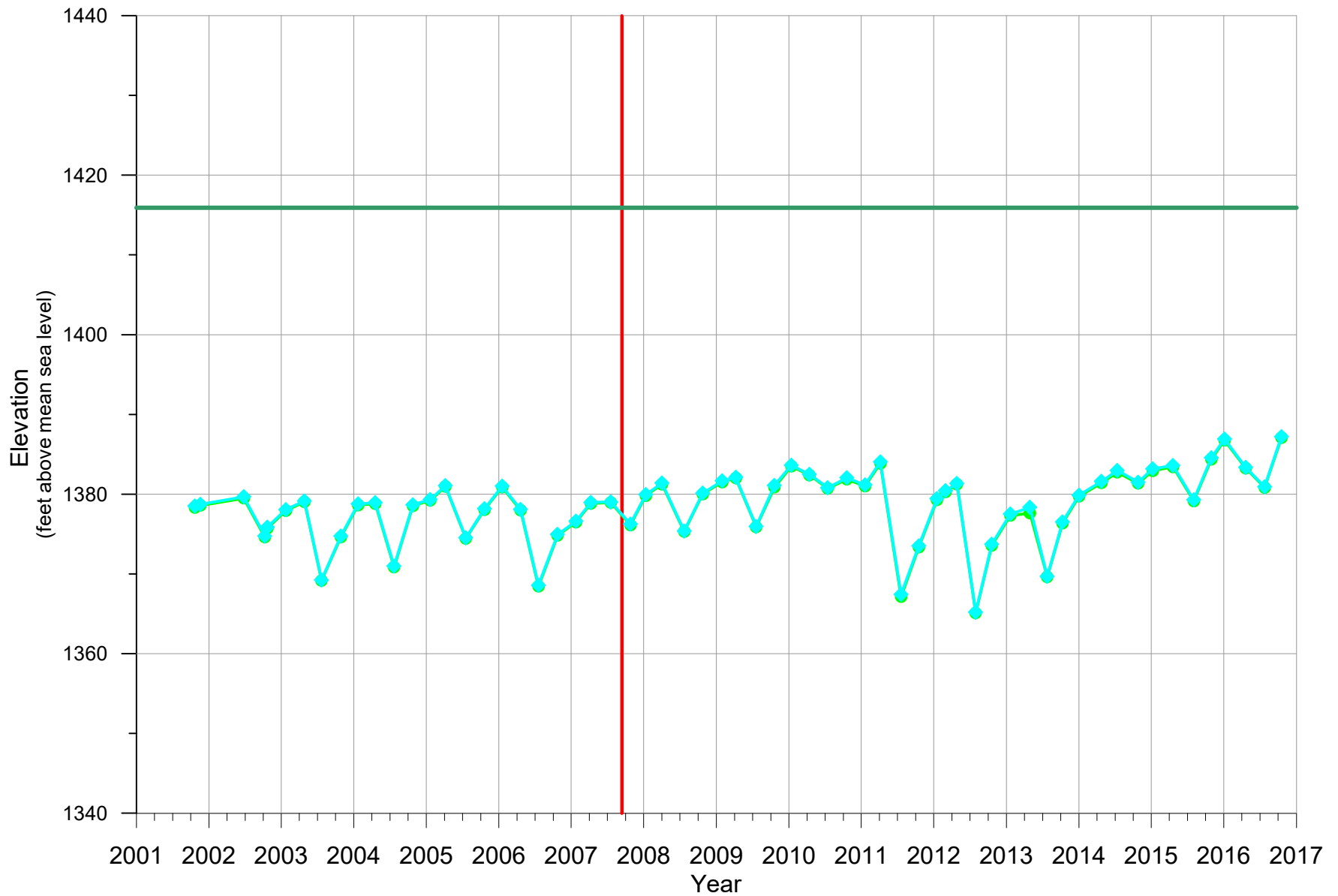


Figure D.10
 INDEX WELL HYDROGRAPHS
 IW-10A & IW10C
 2001 THROUGH 2016

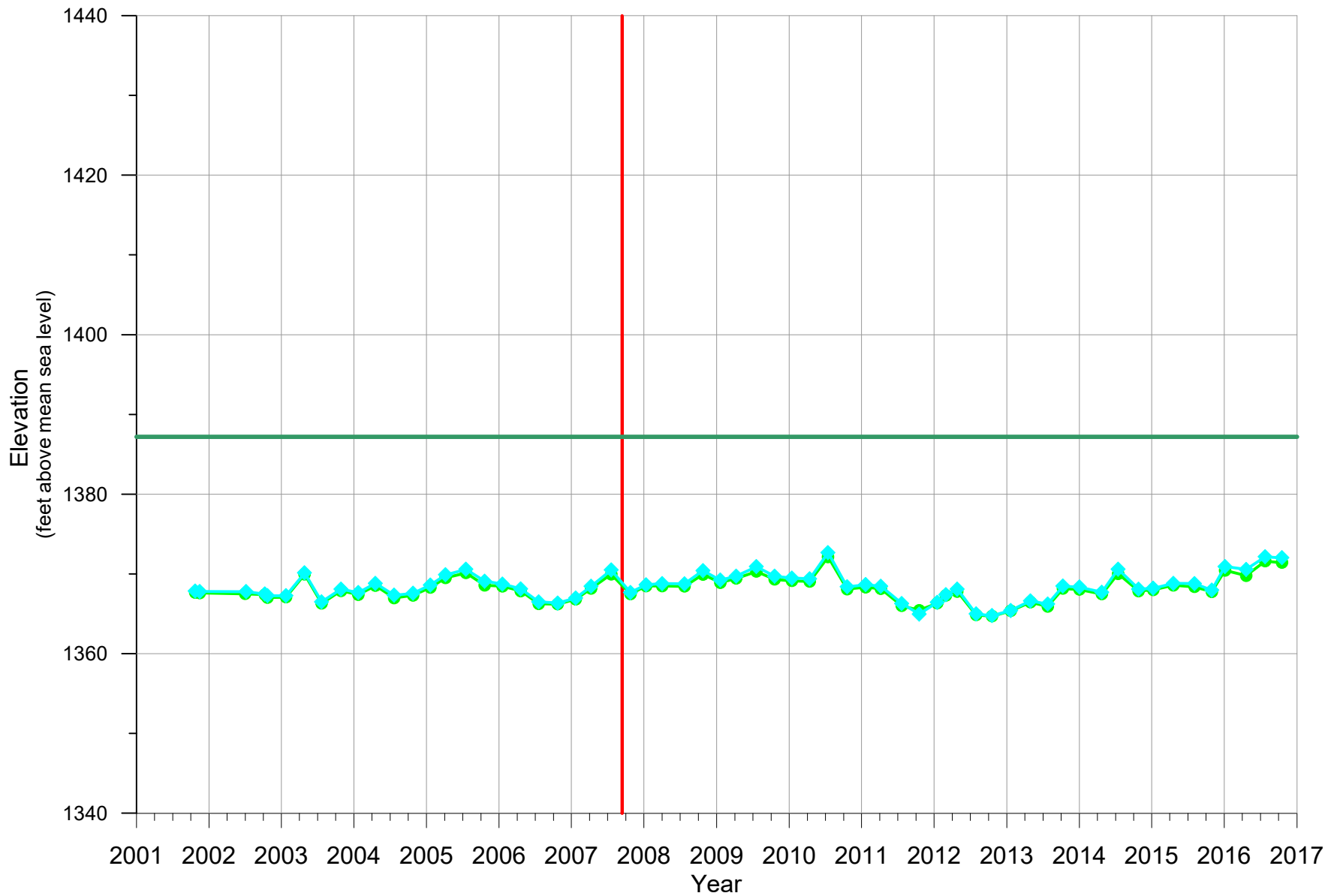


LEGEND

- ◆ IW-11A
- IW-11C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.11
 INDEX WELL HYDROGRAPHS
 IW-11A & IW11C
 2001 THROUGH 2016

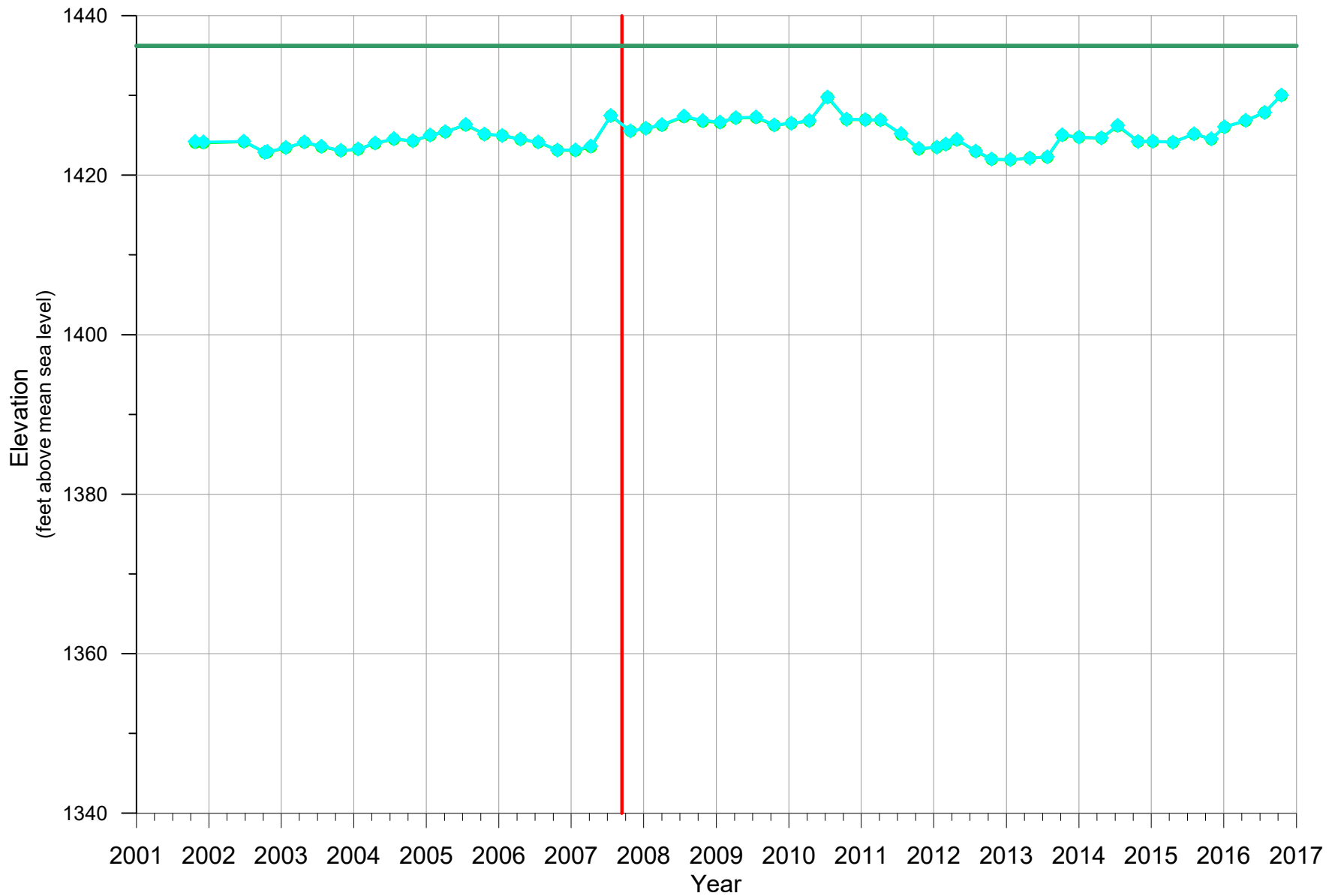


LEGEND

- ◆ IW-12A
- IW-12C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.12
 INDEX WELL HYDROGRAPHS
 IW-12A & IW12C
 2001 THROUGH 2016

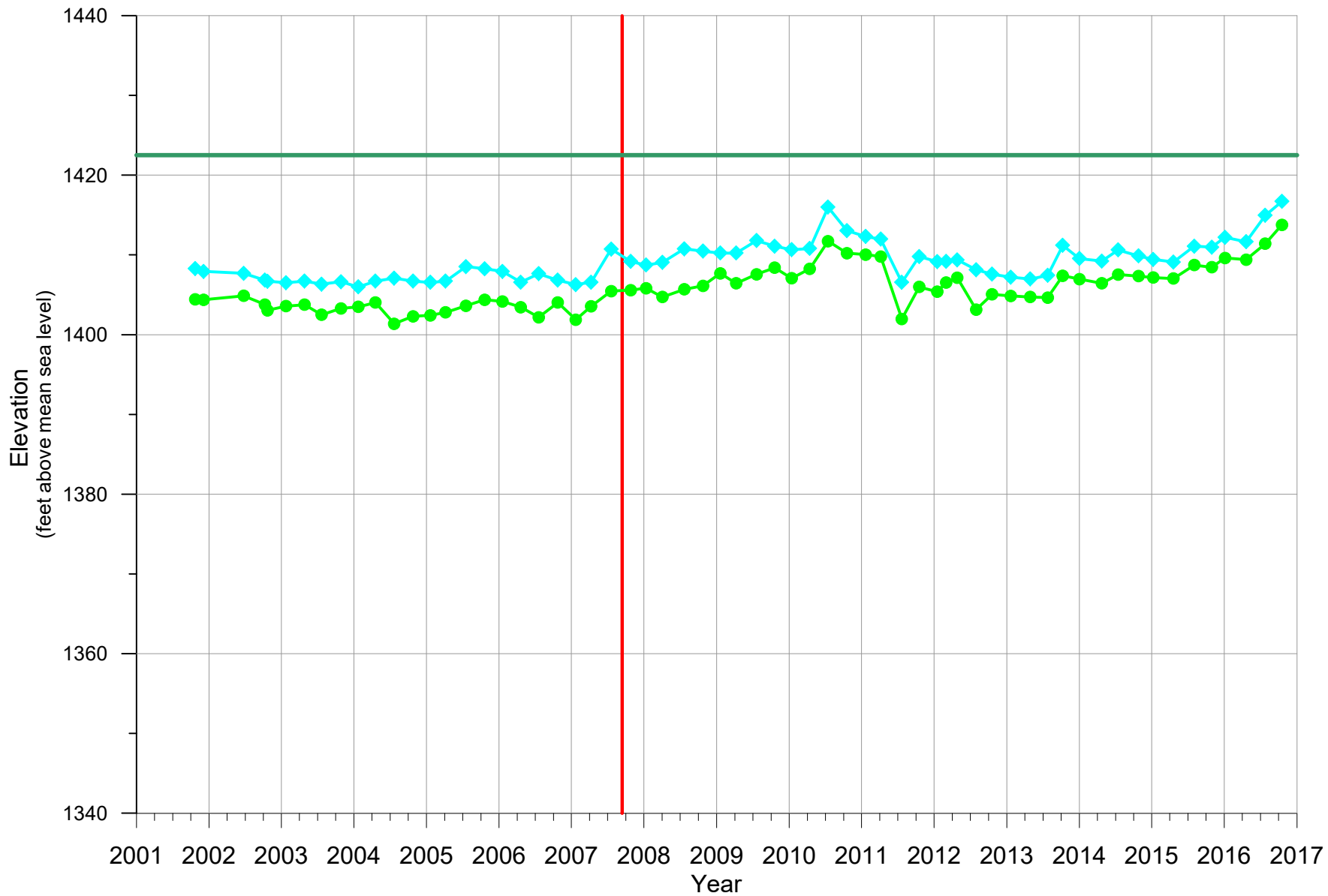


LEGEND

- ◆ IW-13A
- ◆ IW-13C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.13
 INDEX WELL HYDROGRAPHS
 IW-13A & IW13C
 2001 THROUGH 2016

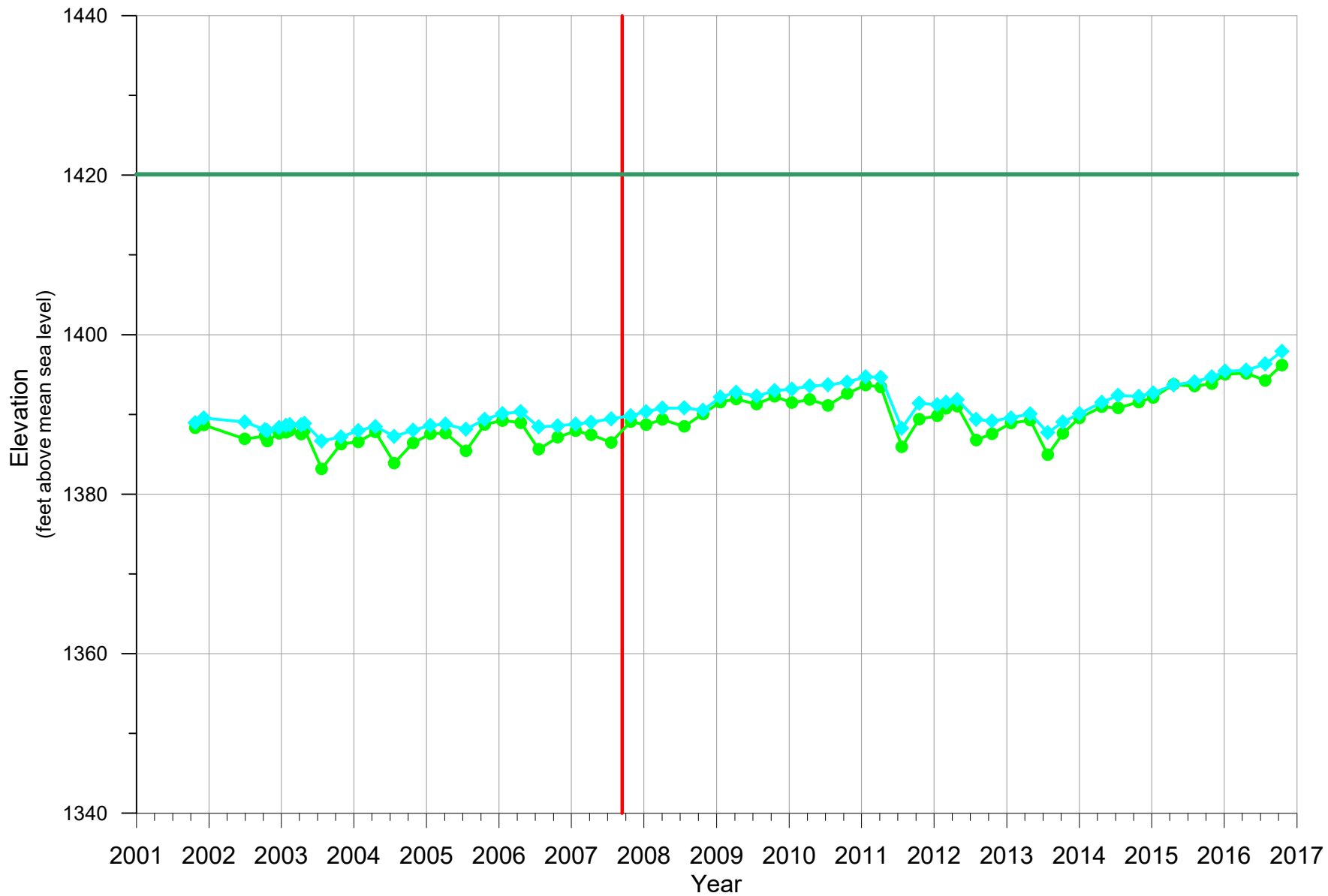


LEGEND

- ◆ IW-14A
- IW-14C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.14
 INDEX WELL HYDROGRAPHS
 IW-14A & IW-14C
 2001 THROUGH 2016

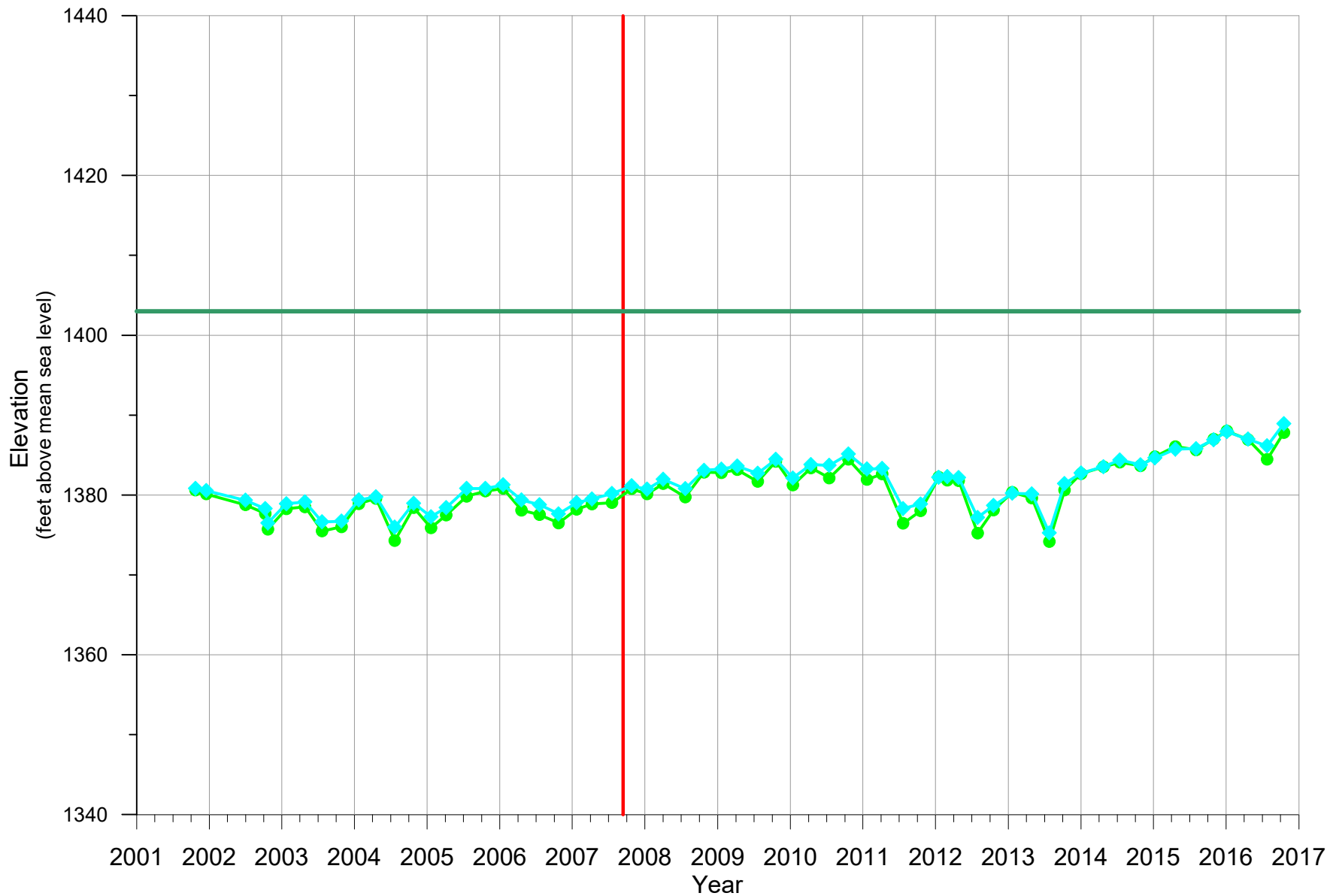


LEGEND

- ◆ IW-15A
- IW-15C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.15
 INDEX WELL HYDROGRAPHS
 IW-15A & IW15C
 2001 THROUGH 2016



LEGEND

- ◆ IW-15A
- IW-15C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.16
 INDEX WELL HYDROGRAPHS
 IW-16A & IW16C
 2001 THROUGH 2016

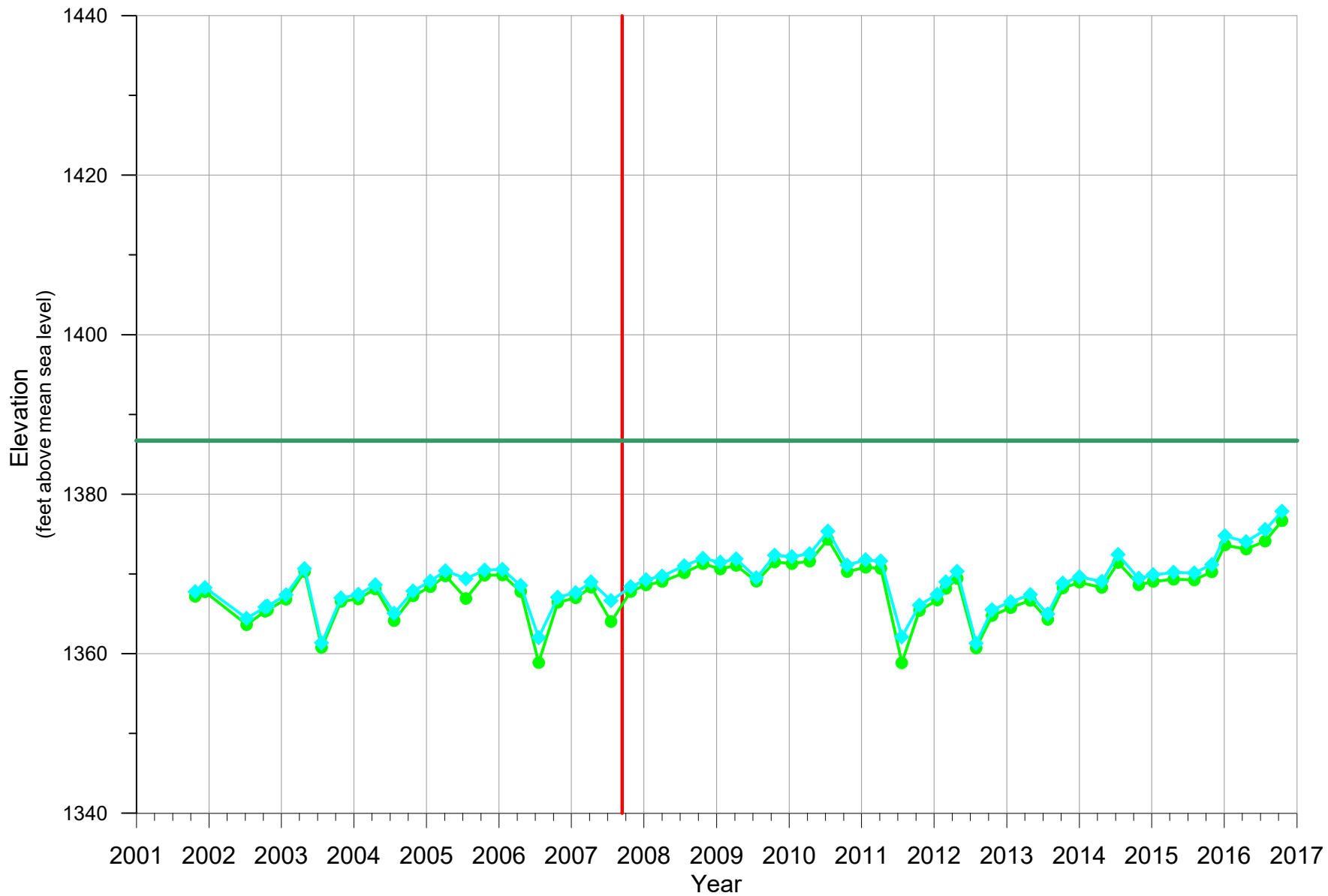


Figure D.17
 INDEX WELL HYDROGRAPHS
 IW-17A & IW17C
 2001 THROUGH 2016

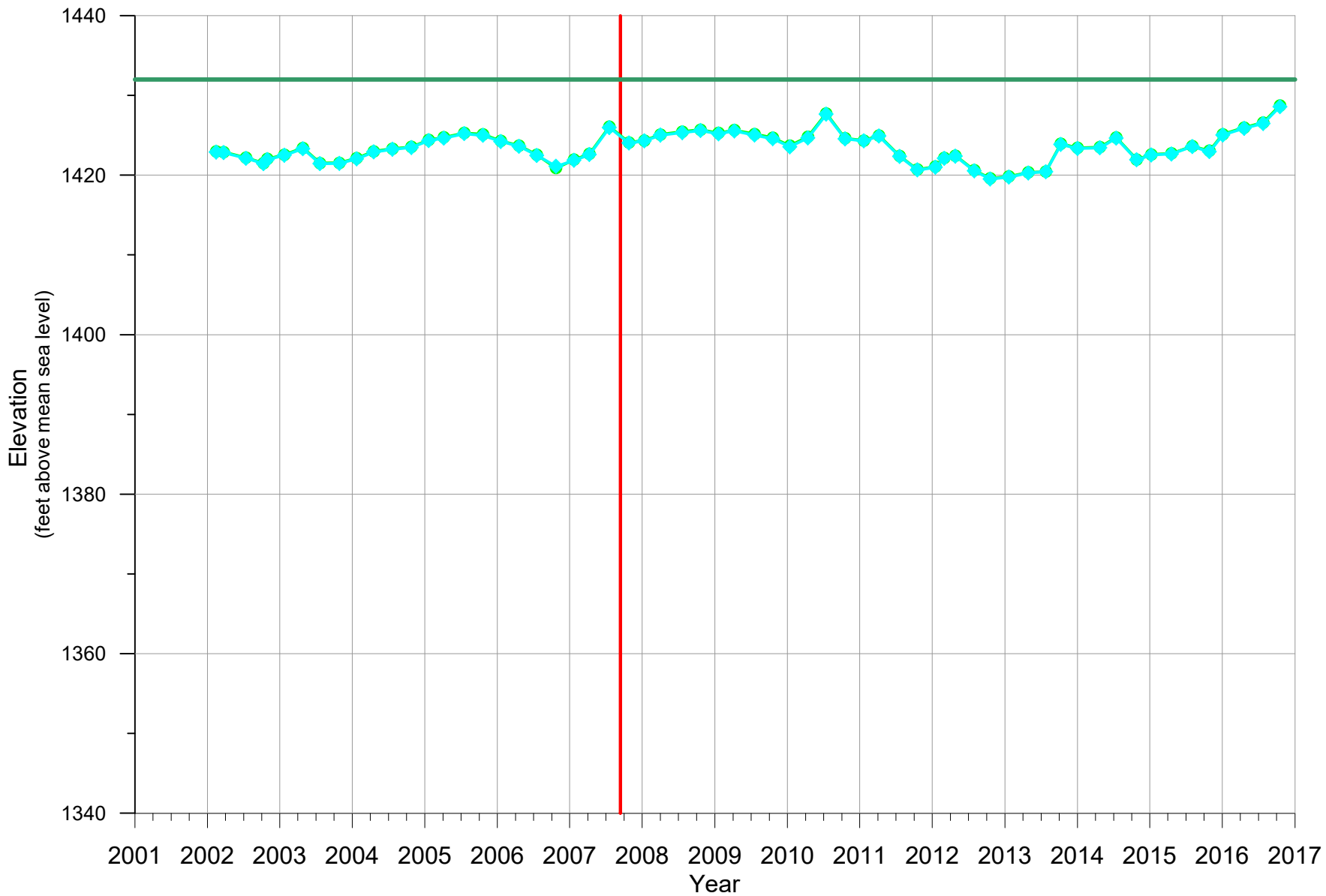
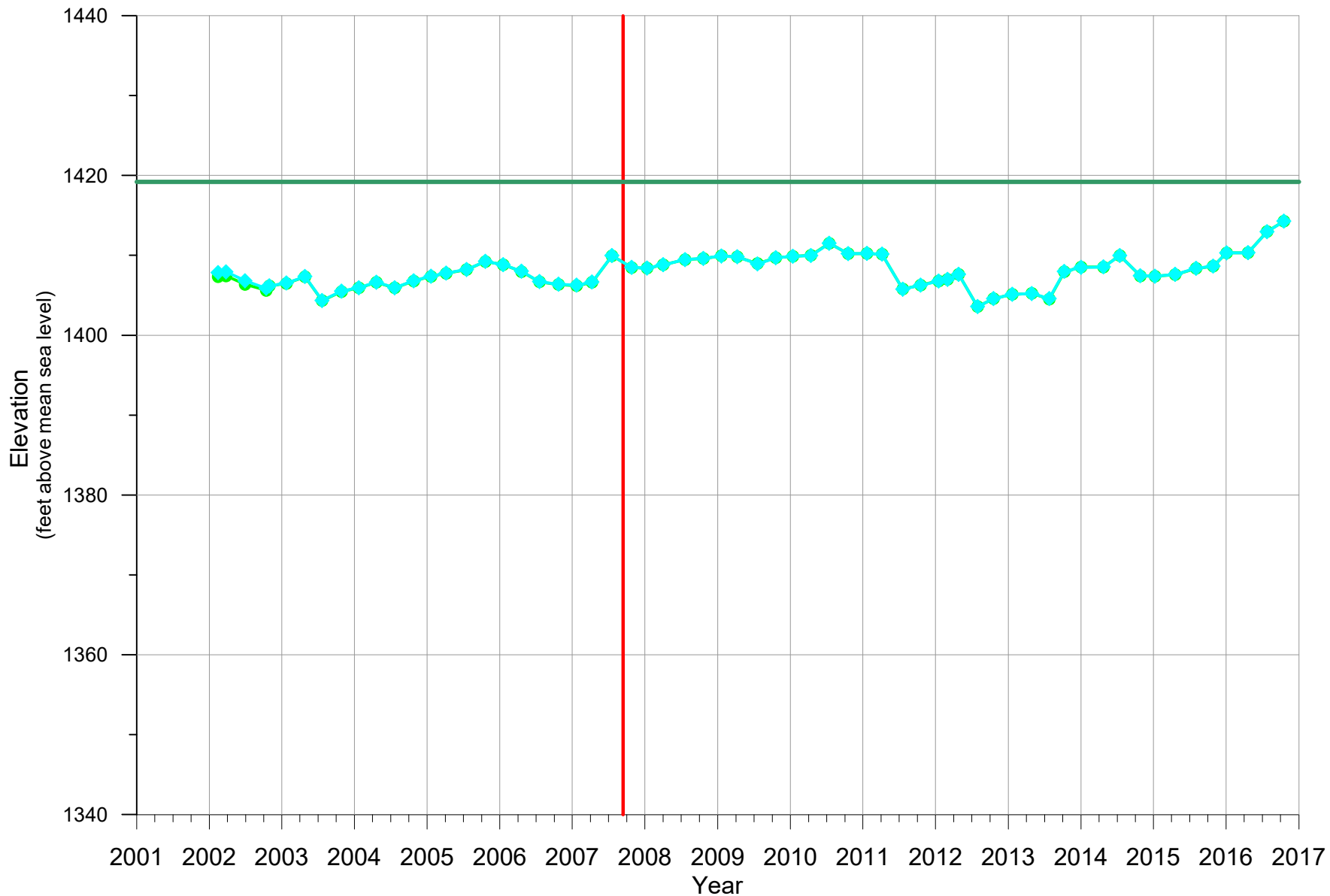


Figure D.18
 INDEX WELL HYDROGRAPHS
 IW-18A & IW18C
 2001 THROUGH 2016



LEGEND

- ◆ IW-19A
- IW-19C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.19
 INDEX WELL HYDROGRAPHS
 IW-19A & IW-19C
 2001 THROUGH 2016

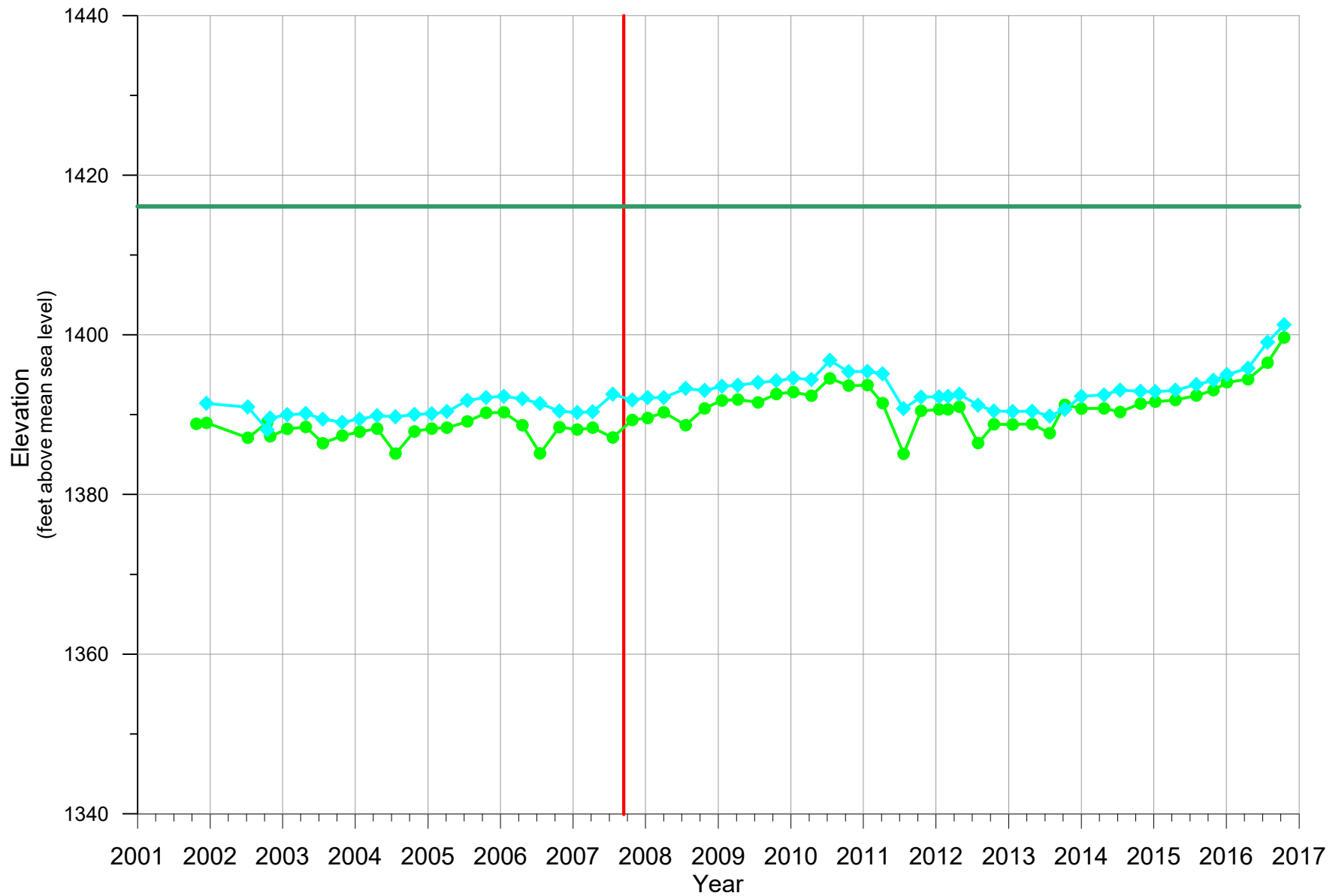


Figure D.20
 INDEX WELL HYDROGRAPHS
 IW-20A & IW20C
 2001 THROUGH 2016

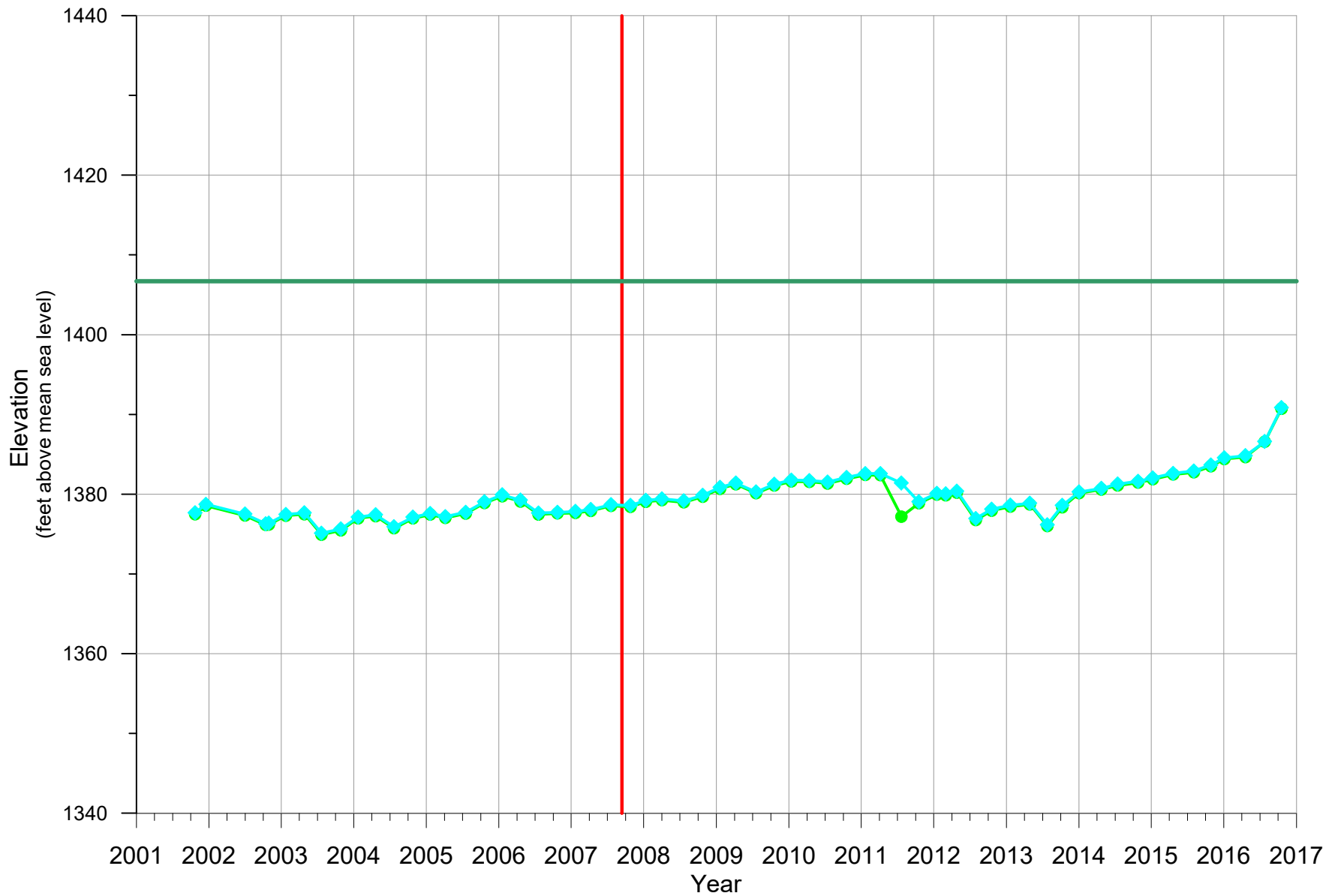


Figure D.21
 INDEX WELL HYDROGRAPHS
 IW-21A & IW21C
 2001 THROUGH 2016

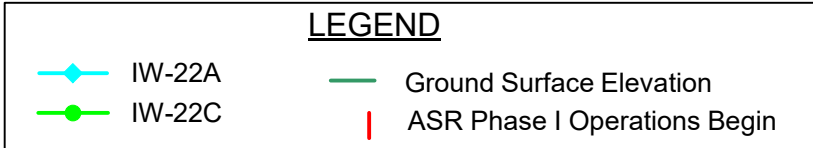
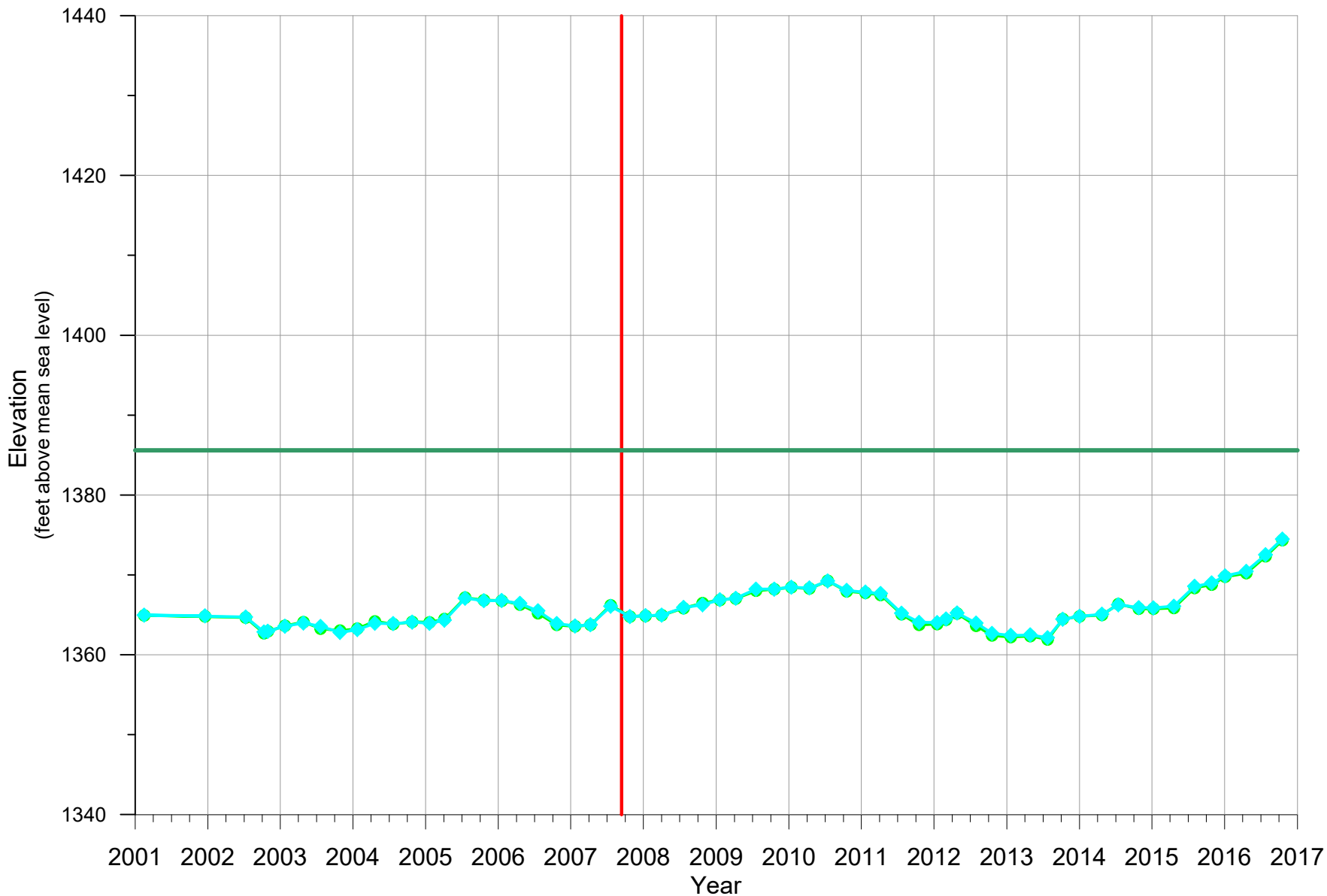


Figure D.22
 INDEX WELL HYDROGRAPHS
 IW-22A & IW22C
 2001 THROUGH 2016

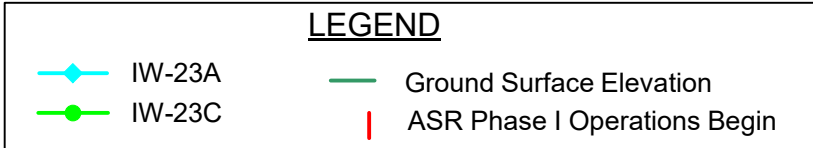
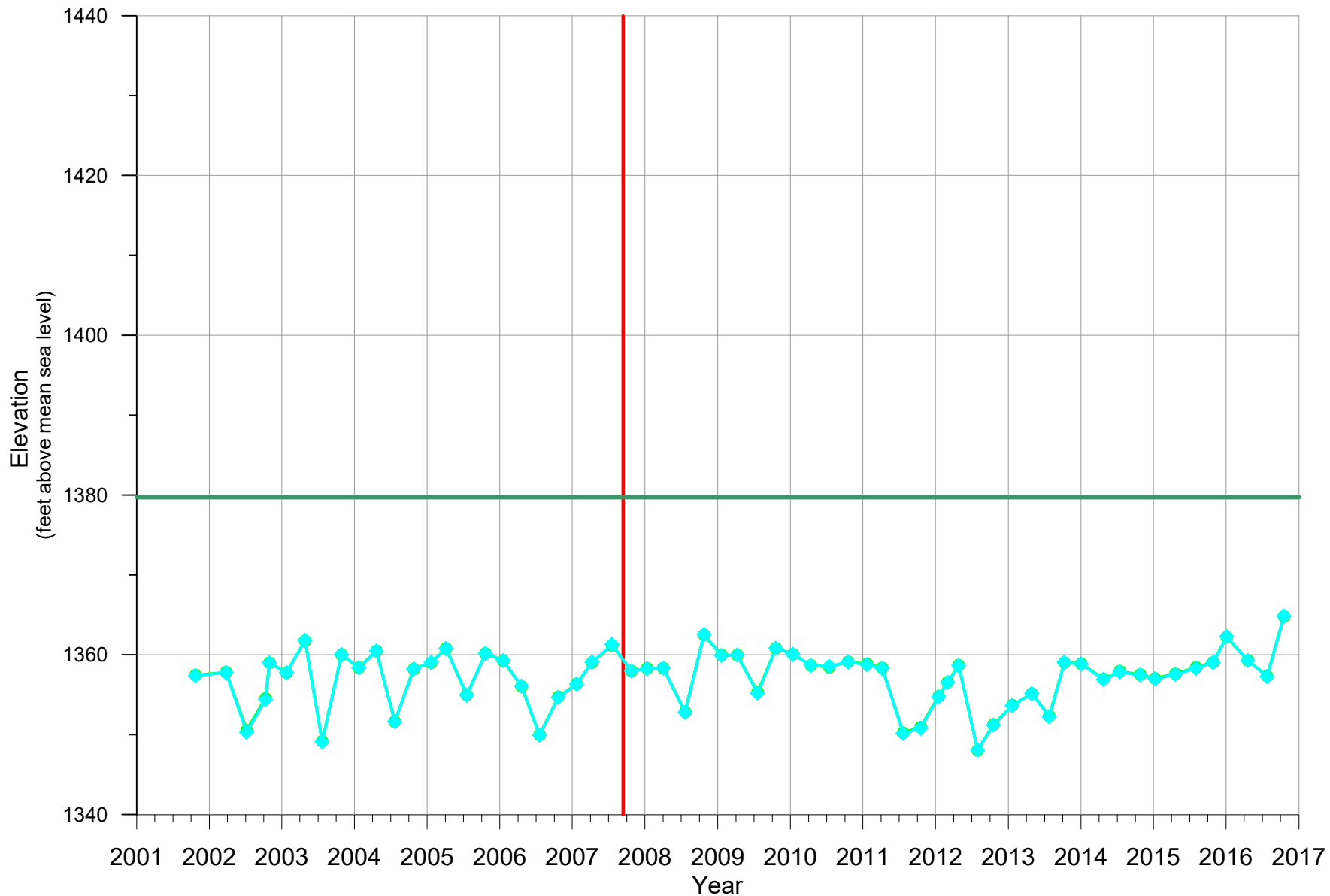
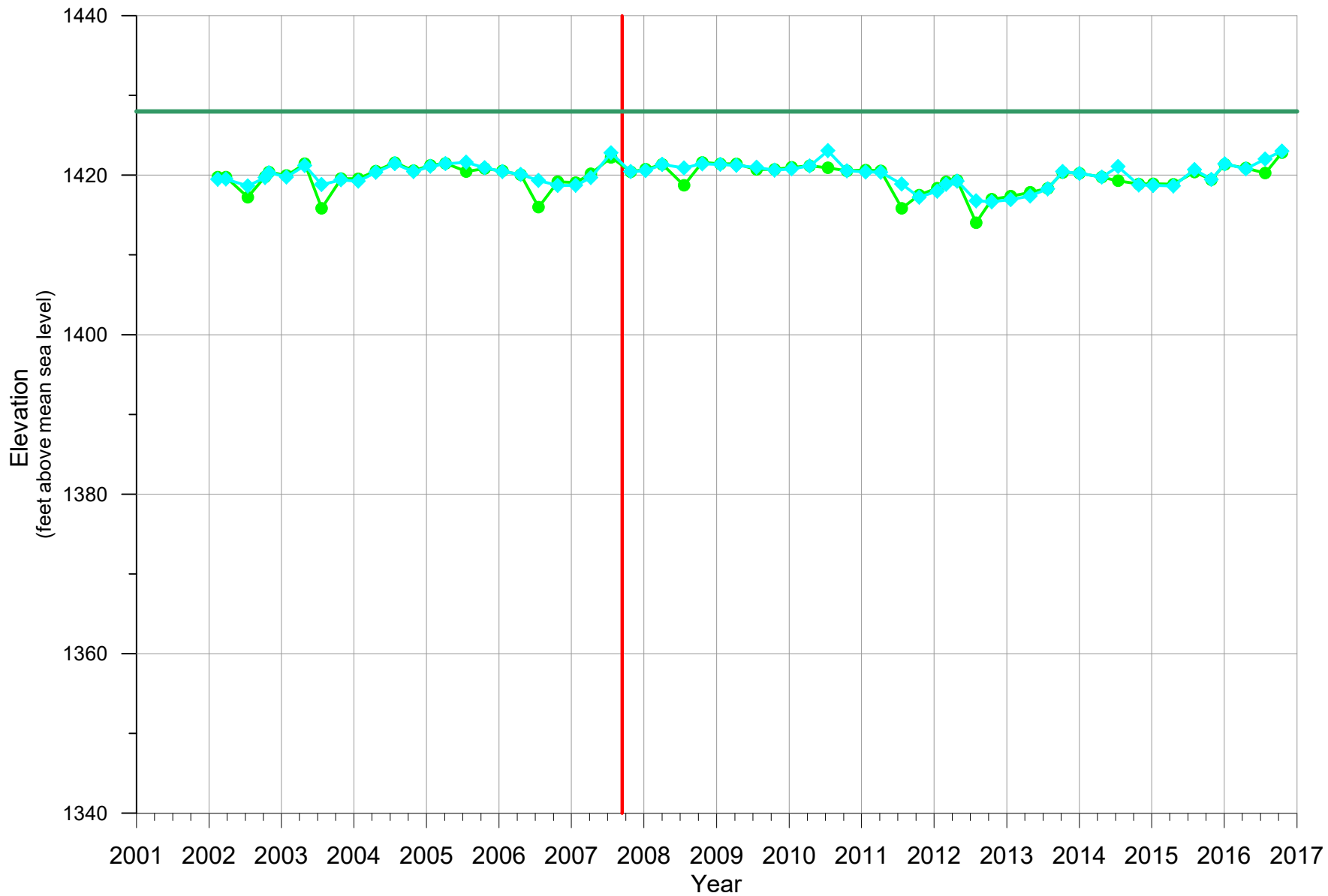


Figure D.23
 INDEX WELL HYDROGRAPHS
 IW-23A & IW23C
 2001 THROUGH 2016

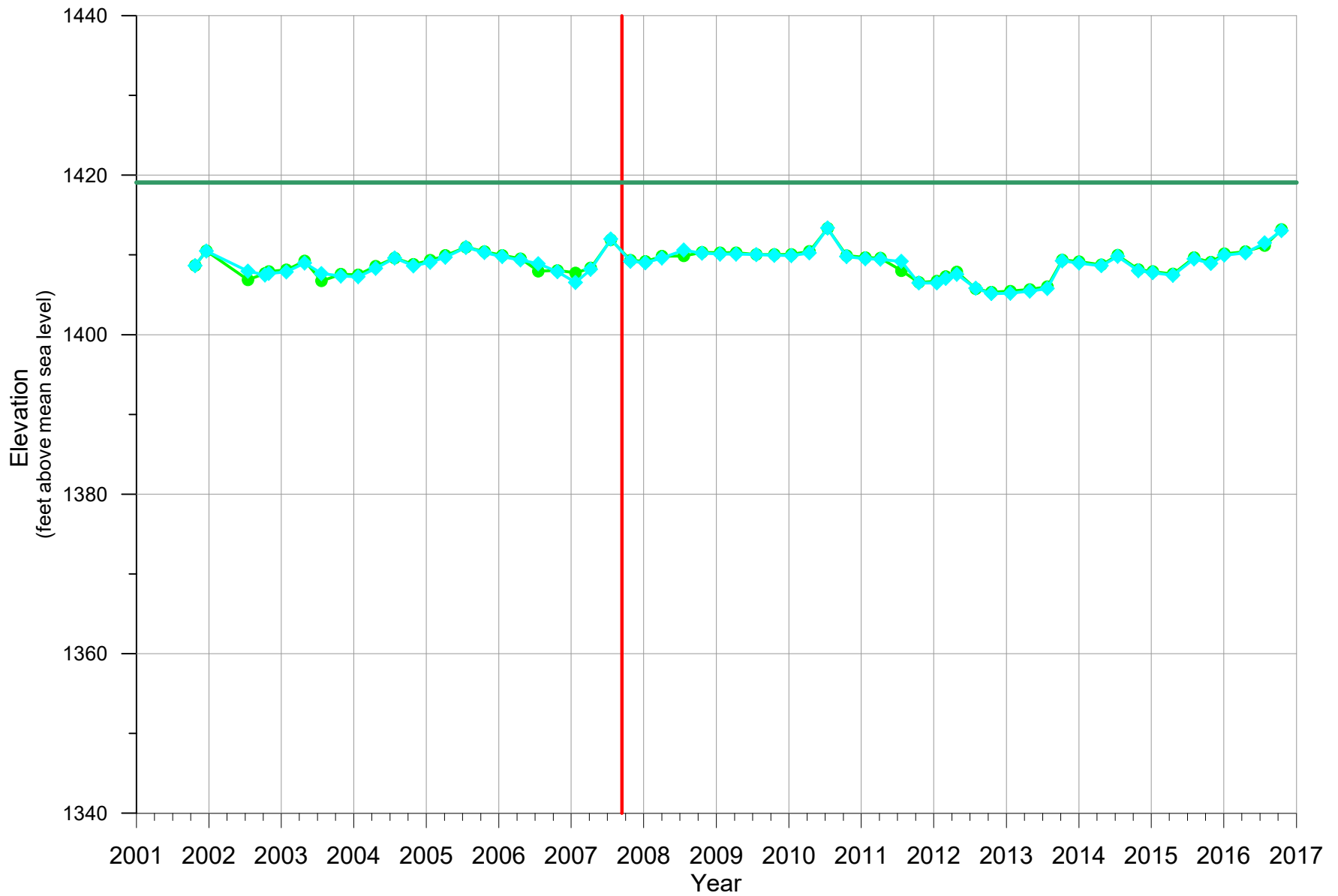


LEGEND

- ◆ IW-24A
- IW-24C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.24
 INDEX WELL HYDROGRAPHS
 IW-24A & IW24C
 2001 THROUGH 2016

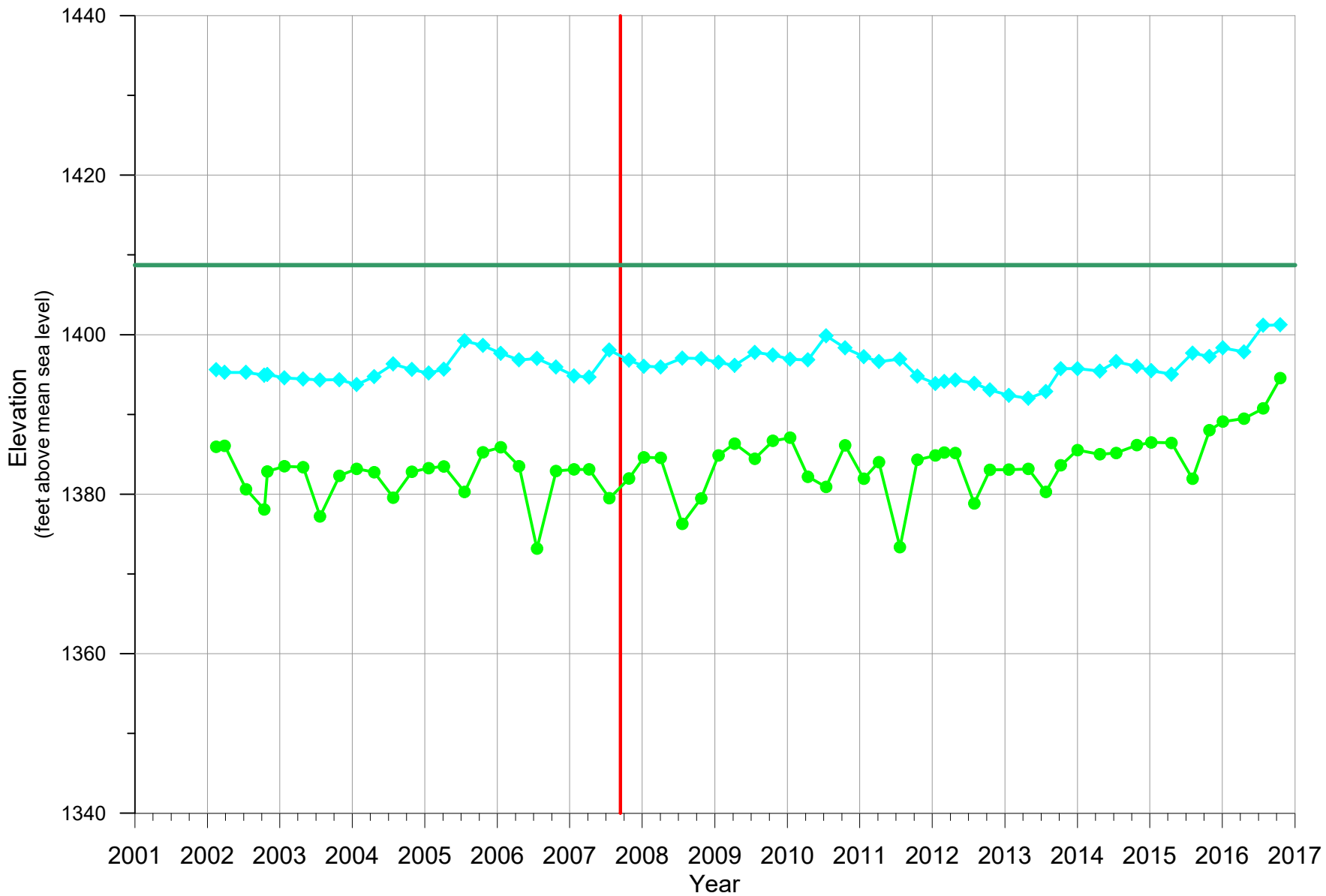


LEGEND

- ◆ IW-25A
- IW-25C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.25
 INDEX WELL HYDROGRAPHS
 IW-25A & IW25C
 2001 THROUGH 2016



LEGEND

- ◆ IW-26A
- IW-26C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.26
 INDEX WELL HYDROGRAPHS
 IW-26A & IW26C
 2001 THROUGH 2016

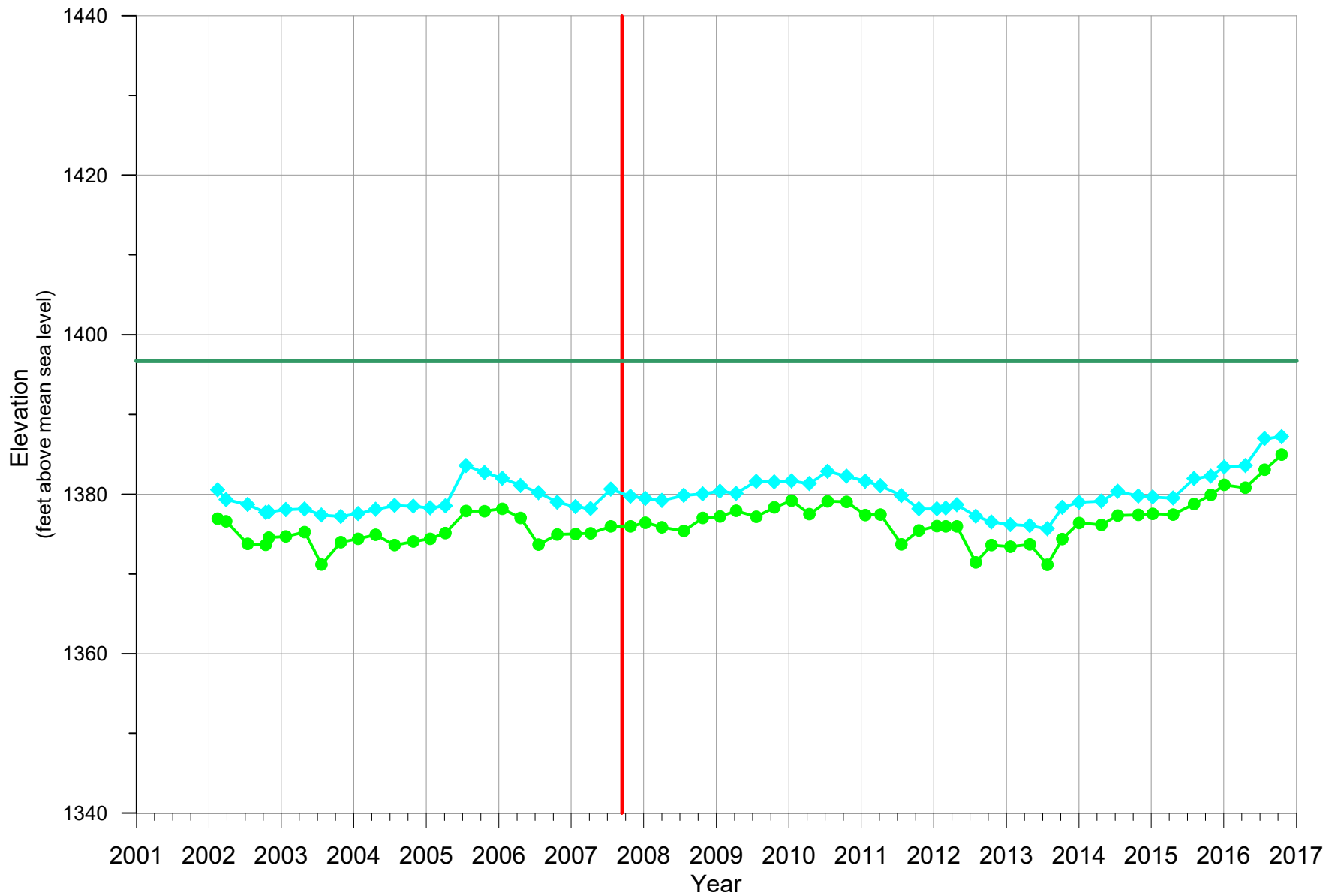
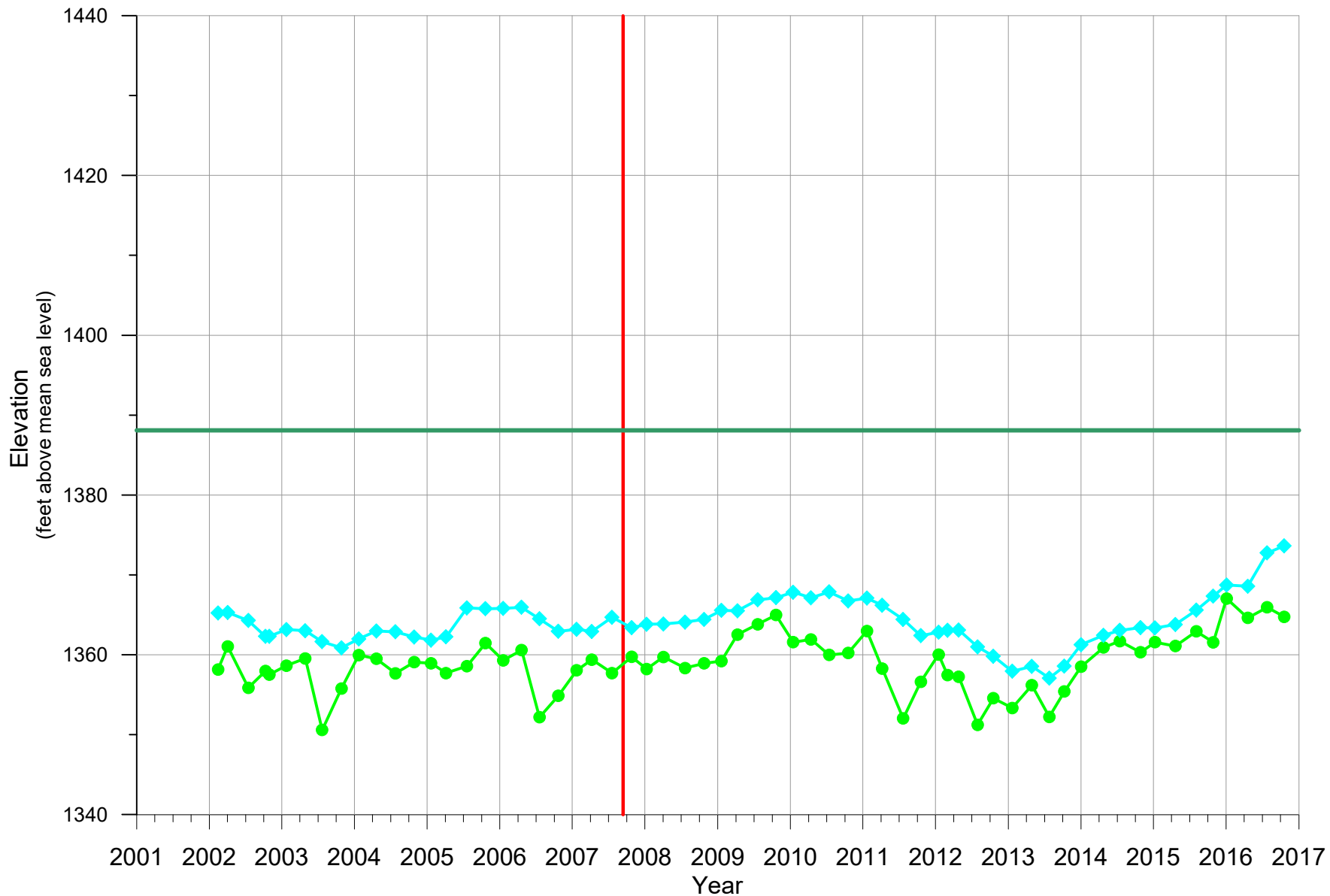


Figure D.27
 INDEX WELL HYDROGRAPHS
 IW-27A & IW27C
 2001 THROUGH 2016

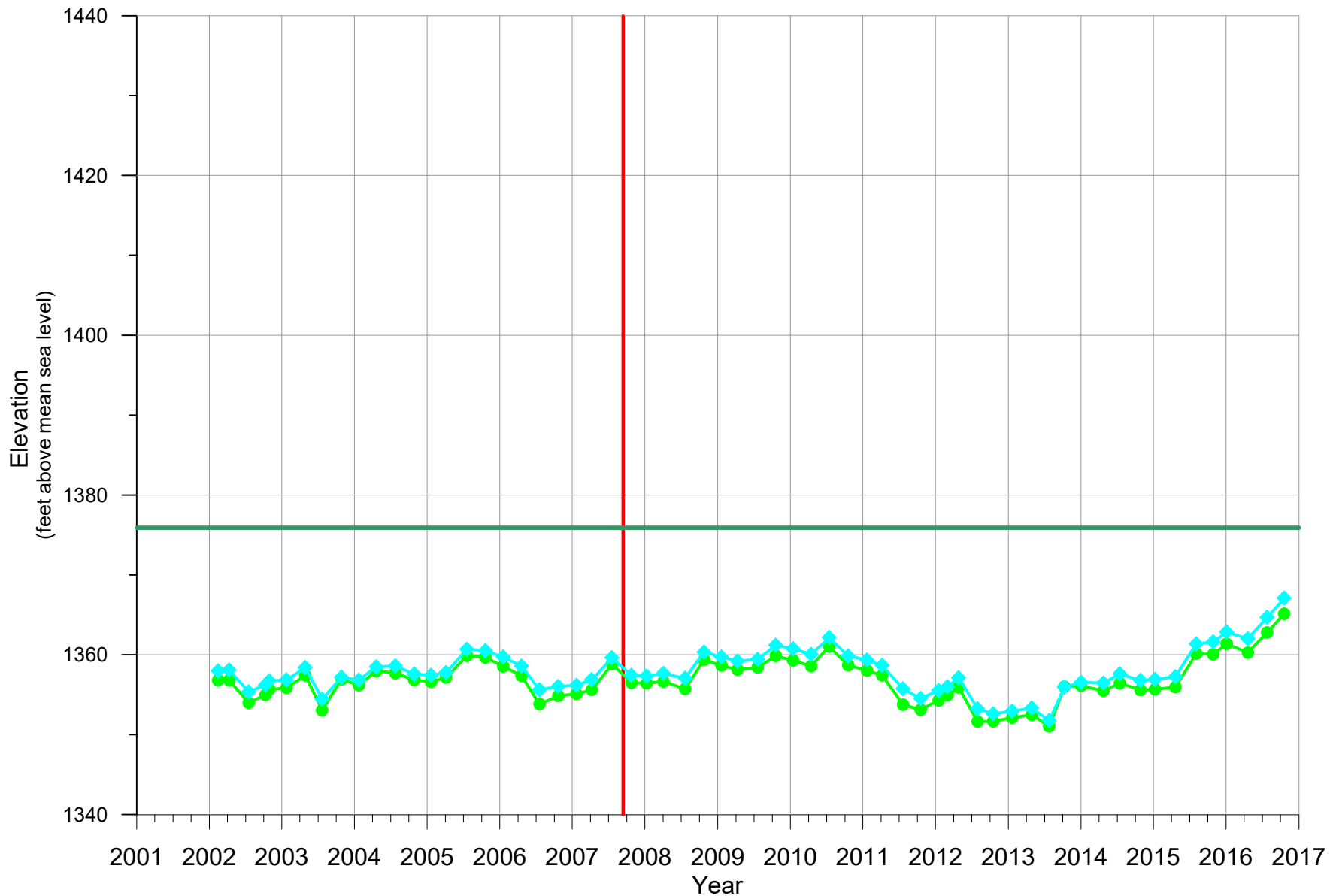


LEGEND

- ◆ IW-28A
- IW-28C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.28
 INDEX WELL HYDROGRAPHS
 IW-28A & IW28C
 2001 THROUGH 2016

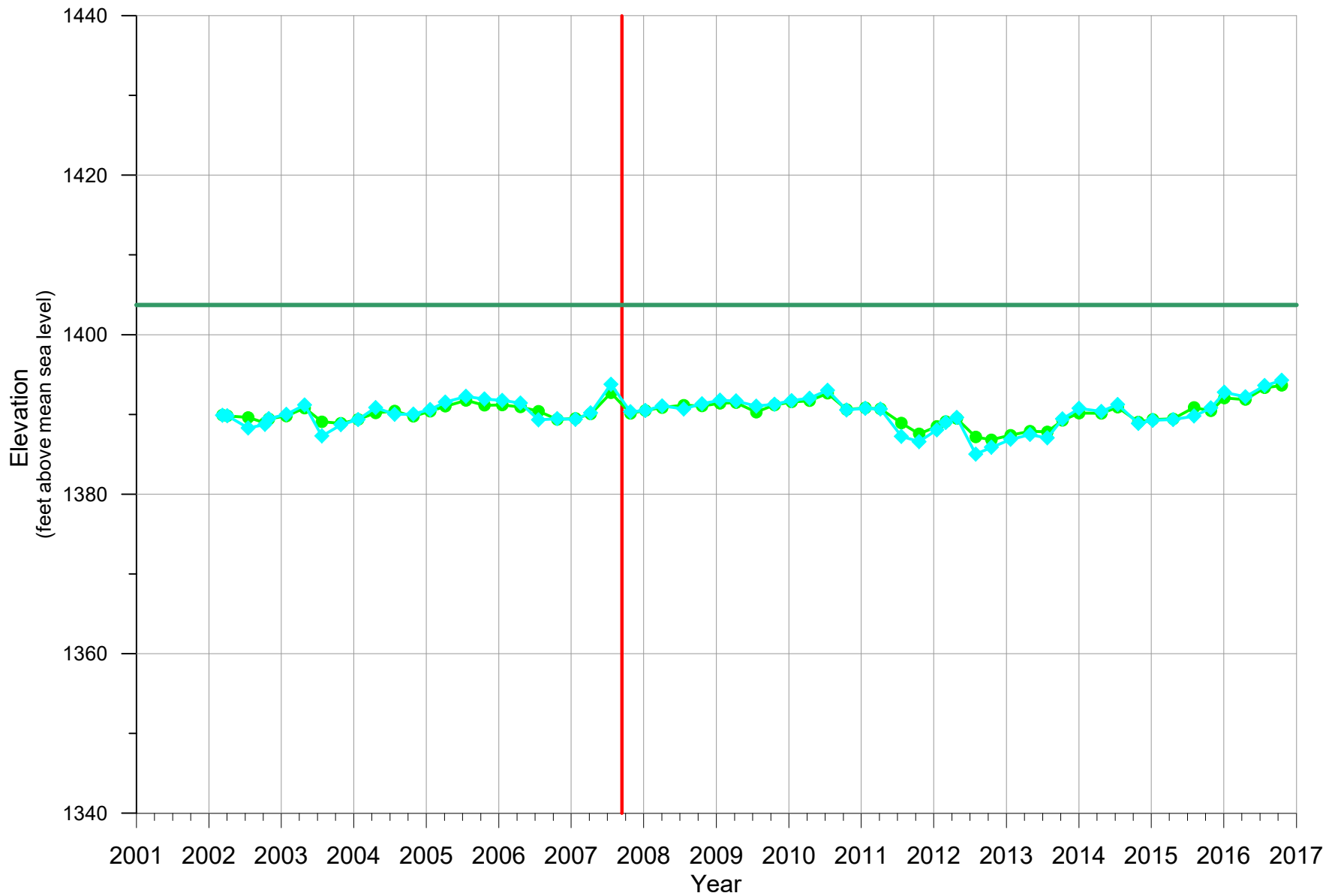


LEGEND

- ◆ IW-29A
- IW-29C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.29
 INDEX WELL HYDROGRAPHS
 IW-29A & IW29C
 2001 THROUGH 2016

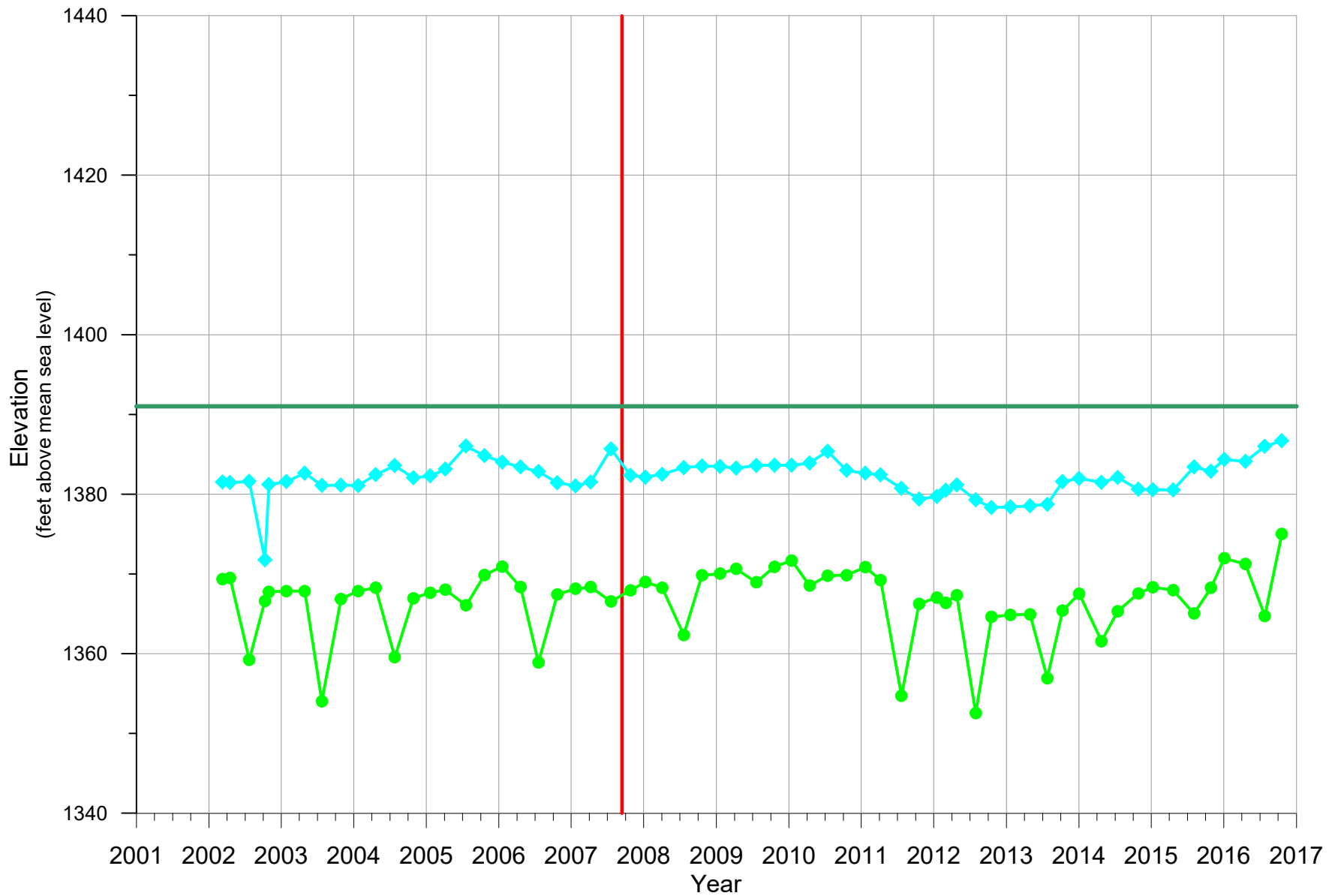


LEGEND

- ◆ IW-30A
- IW-30C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.30
 INDEX WELL HYDROGRAPHS
 IW-30A & IW30C
 2001 THROUGH 2016

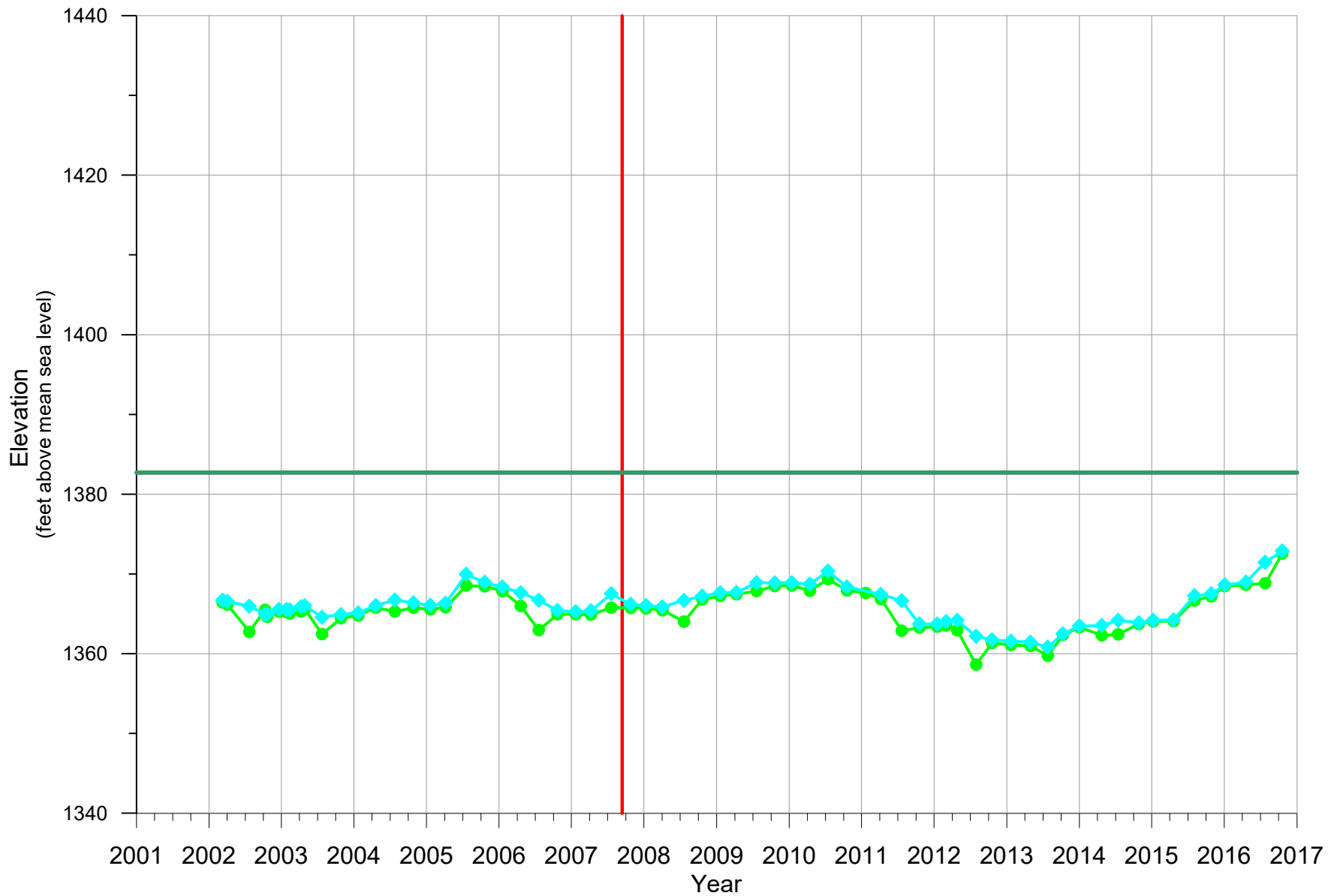


LEGEND

- ◆ IW-31A
- IW-31C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.31
 INDEX WELL HYDROGRAPHS
 IW-31A & IW31C
 2001 THROUGH 2016

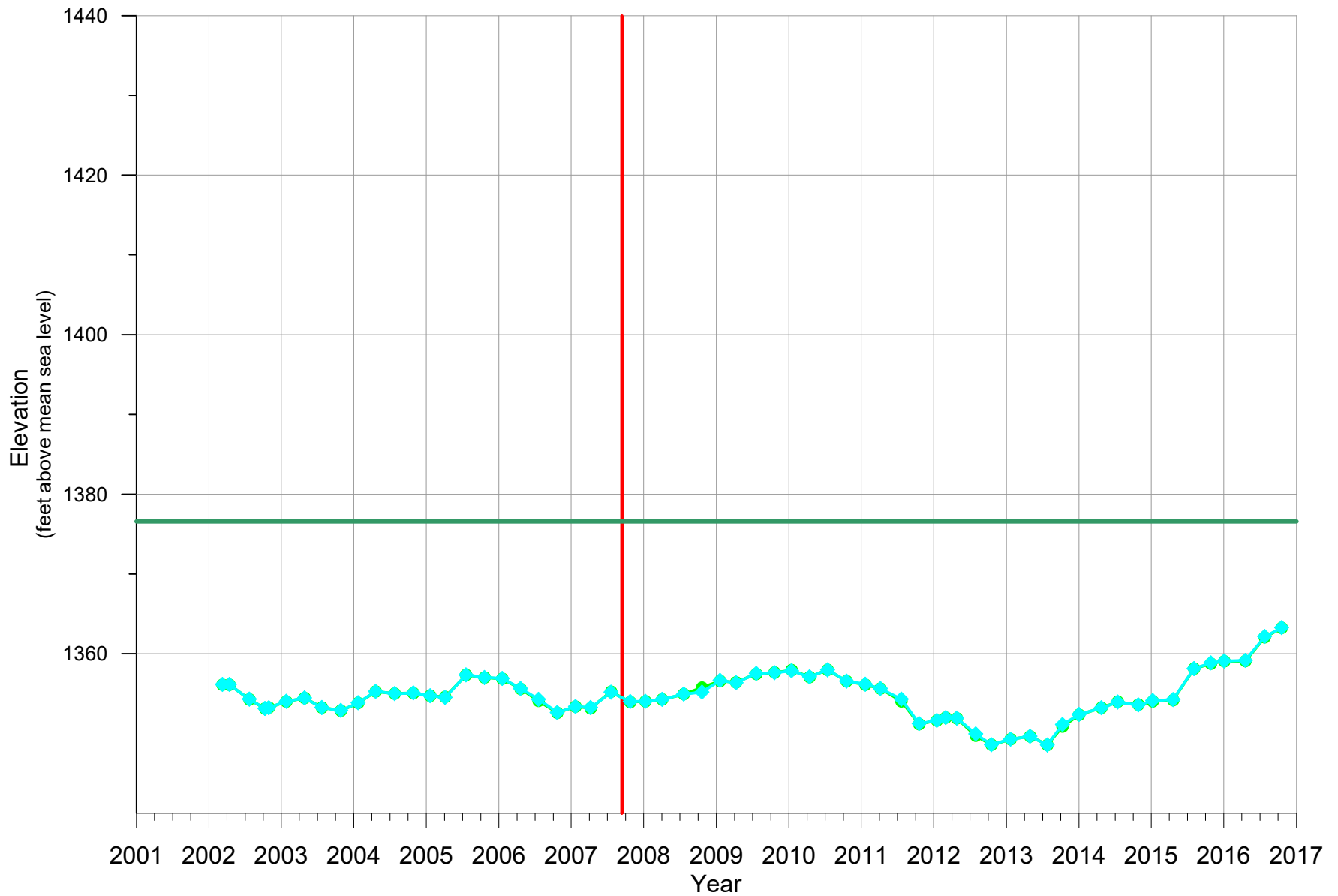


LEGEND

- ◆ IW-32A
- IW-32C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.32
 INDEX WELL HYDROGRAPHS
 IW-32A & IW32C
 2001 THROUGH 2016



LEGEND

- ◆ IW-33A
- IW-33C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.33
 INDEX WELL HYDROGRAPHS
 IW-33A & IW33C
 2001 THROUGH 2016

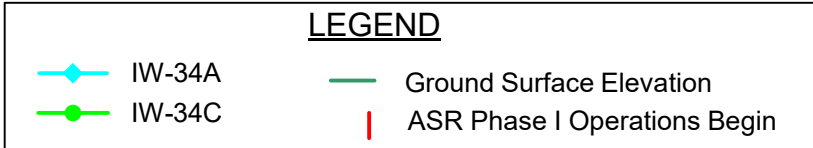
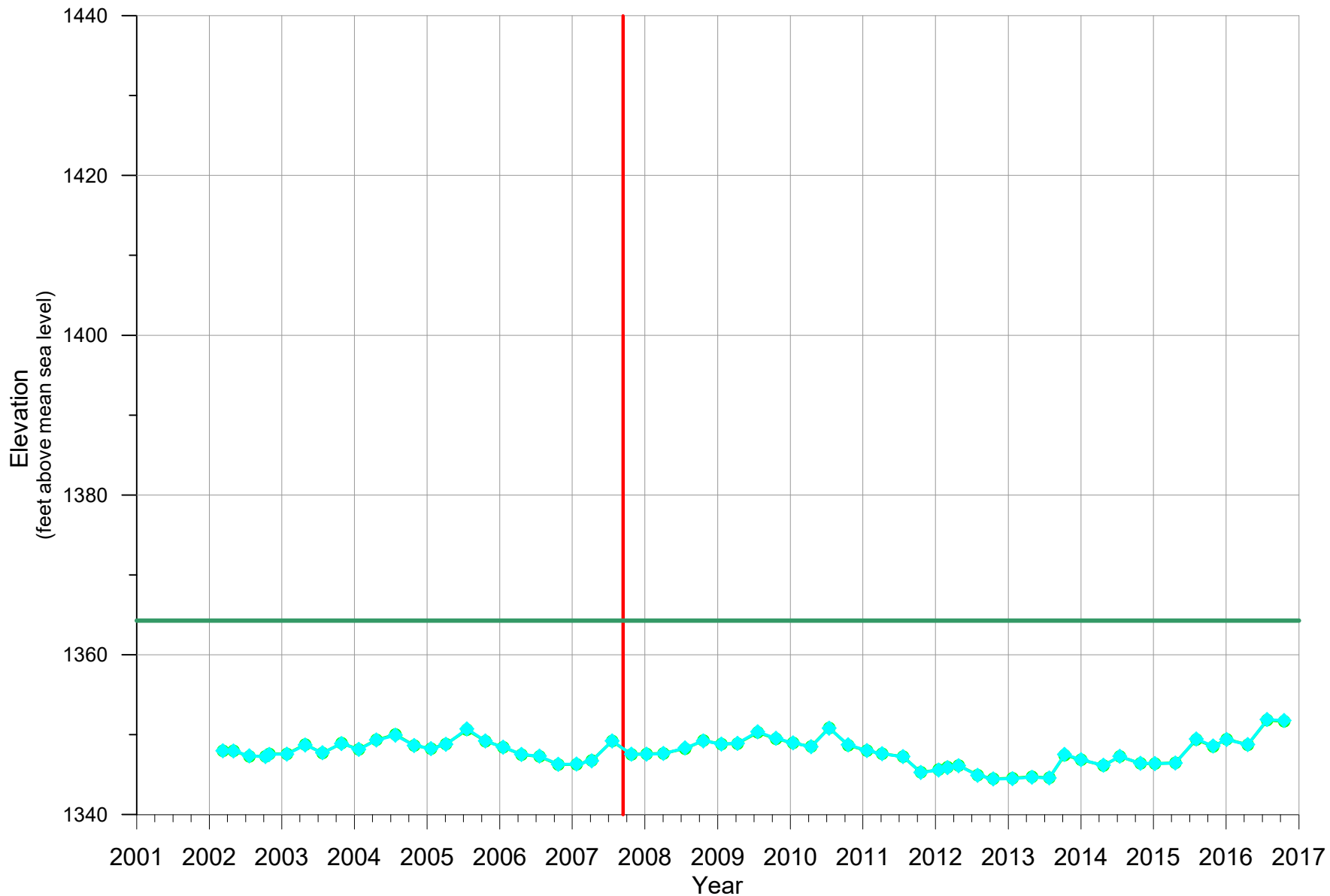
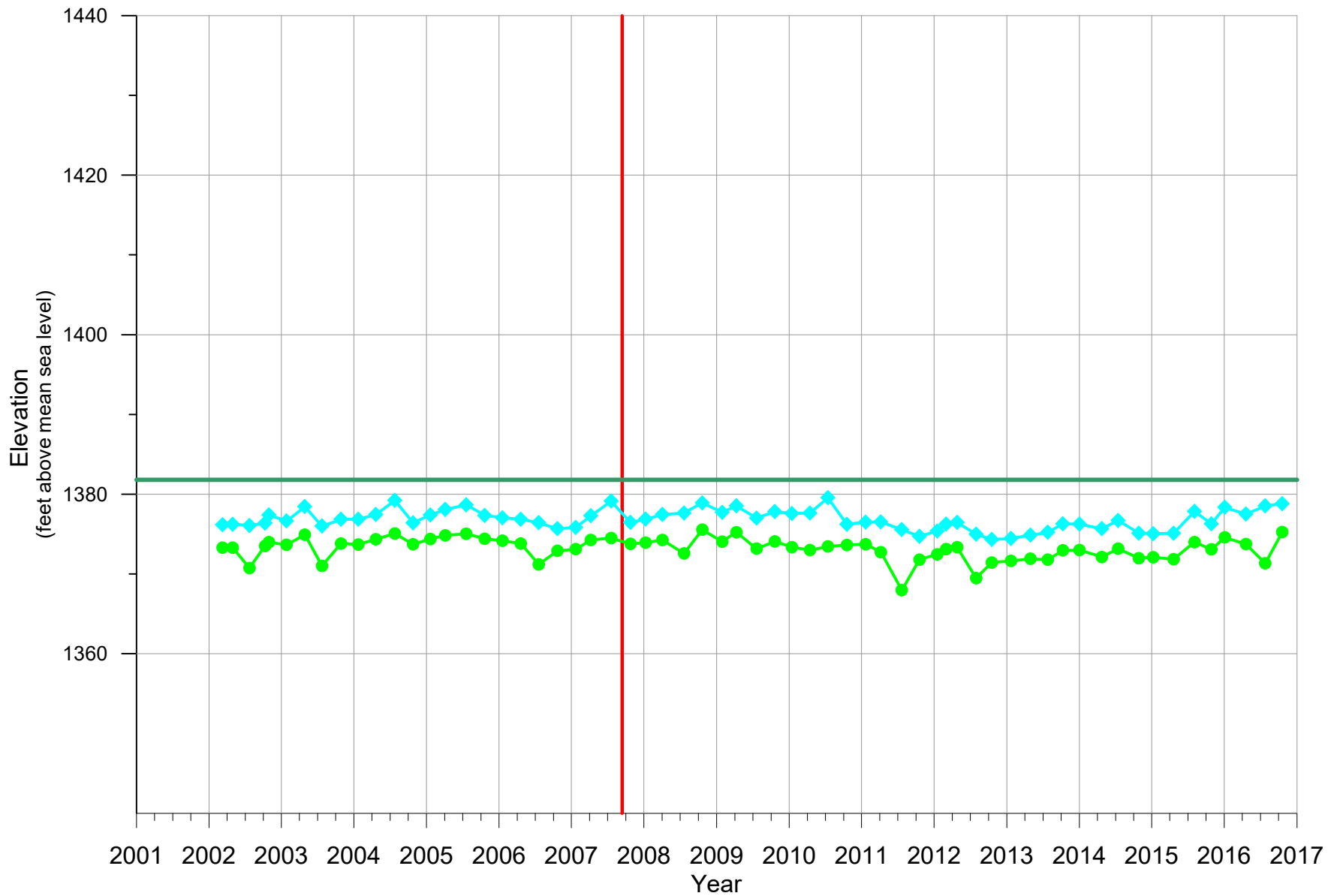


Figure D.34
 INDEX WELL HYDROGRAPHS
 IW-34A & IW34C
 2001 THROUGH 2016

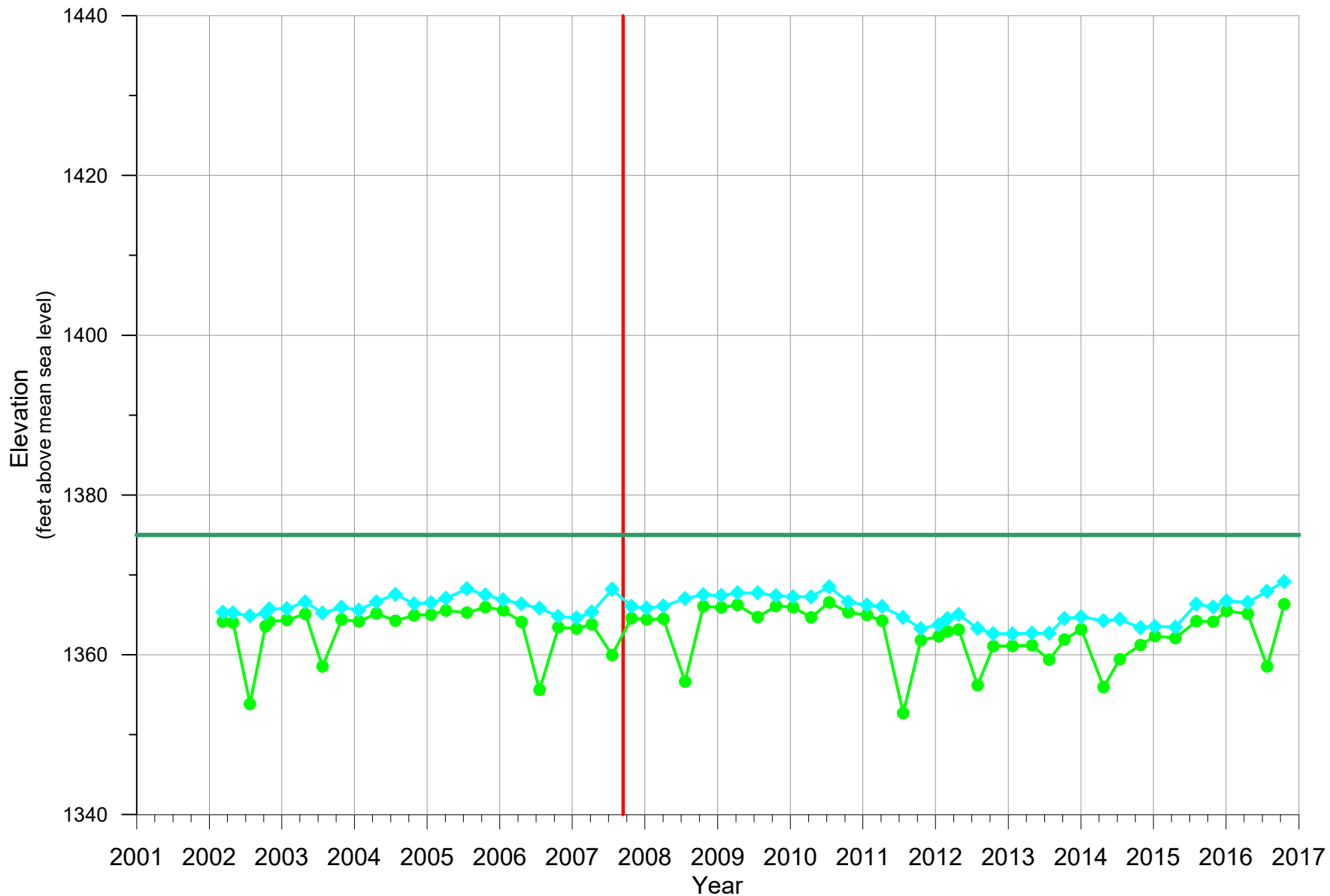


LEGEND

- ◆ IW-35A
- IW-35C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.35
 INDEX WELL HYDROGRAPHS
 IW-35A & IW35C
 2001 THROUGH 2016



LEGEND

- ◆ IW-36A
- IW-36C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.36
 INDEX WELL HYDROGRAPHS
 IW-36A & IW36C
 2001 THROUGH 2016

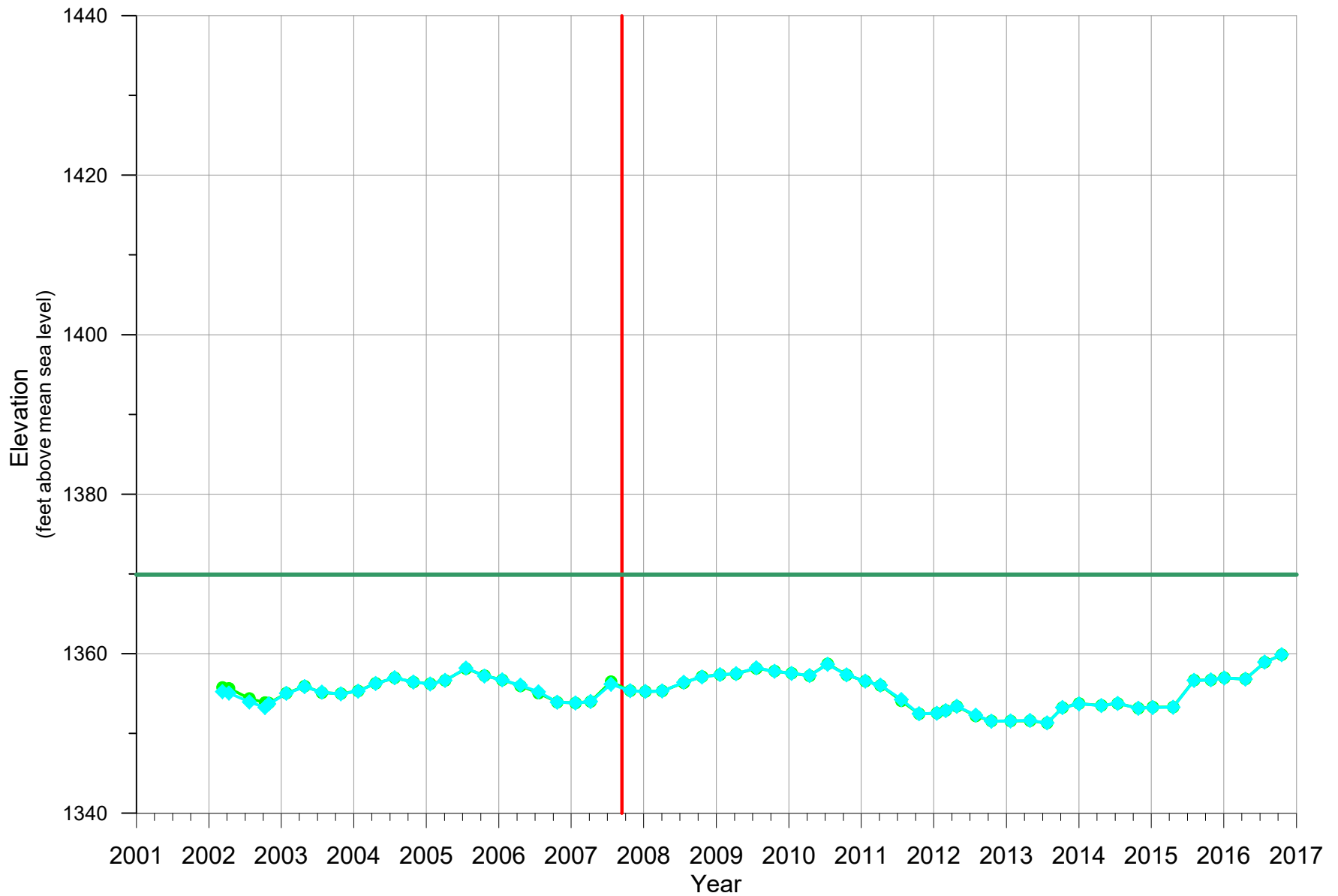
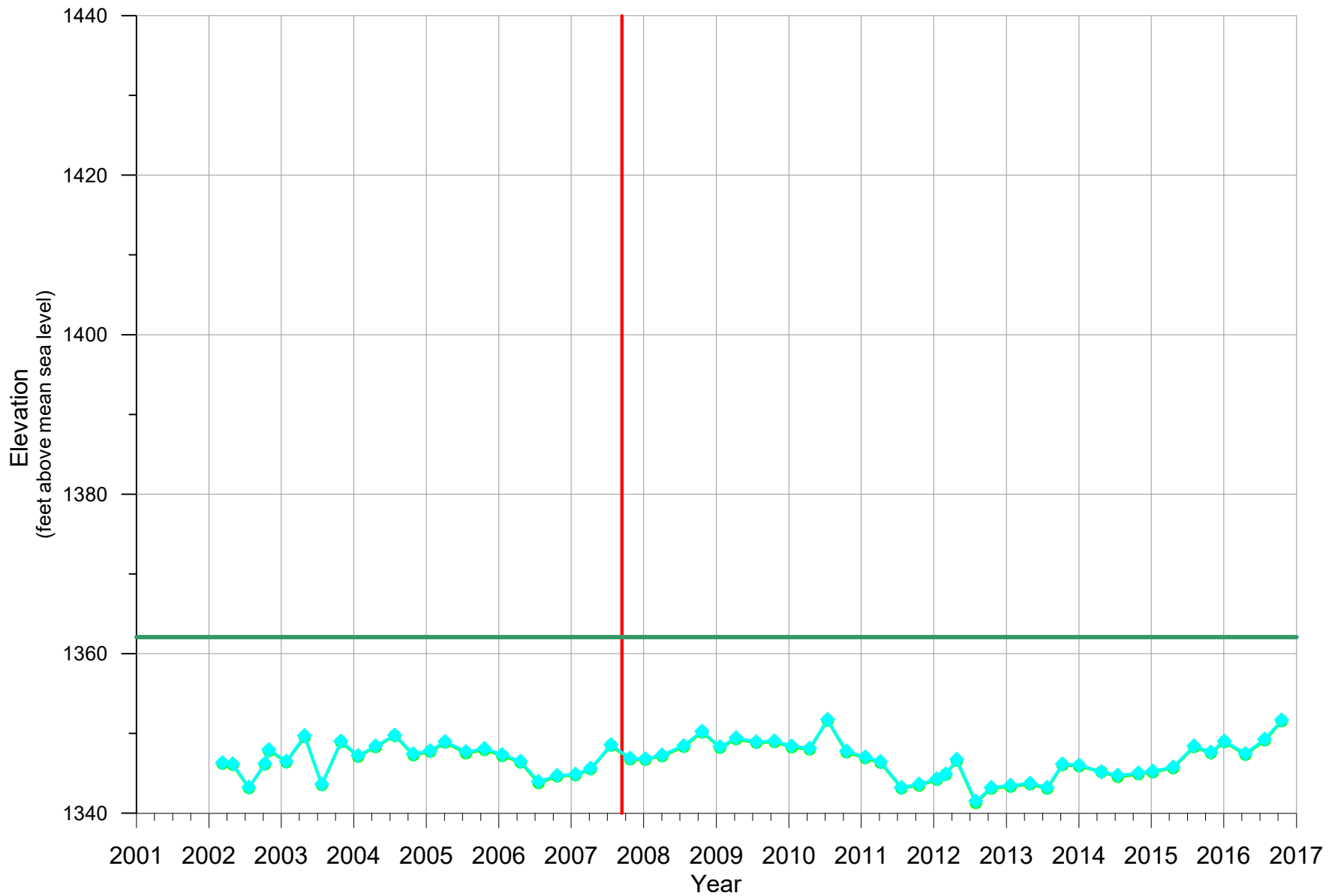


Figure D.37
 INDEX WELL HYDROGRAPHS
 IW-37A & IW37C
 2001 THROUGH 2016



LEGEND

- ◆ IW-38A
- IW-38C
- Ground Surface Elevation
- | ASR Phase I Operations Begin



Figure D.38
 INDEX WELL HYDROGRAPHS
 IW-38A & IW38C
 2001 THROUGH 2016

Index Well IW-01A

WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1100	TB	M-SCOPE	4.38		1.63	2.75	1471.25
19-Nov-2001	1050	TB	M-SCOPE	4.73		1.63	3.10	1470.90
27-Jun-2002	945	TB	M-SCOPE	4.47		1.63	2.84	1471.16
10-Oct-2002	1150	CM	M-SCOPE	6.90		1.63	5.27	1468.73
22-Oct-2002	1022	MTD	M-SCOPE	6.98		1.63	5.35	1468.65
20-Dec-2002	1056	DK	M-SCOPE	5.20	0.00	1.63	3.57	1470.43
20-Jan-2003	946	DK	M-SCOPE	5.26	0.00	1.63	3.63	1470.37
11-Apr-2003	923	DK	M-SCOPE	4.21	0.00	1.63	2.58	1471.42
28-Apr-2003	1028	TB	M-SCOPE	3.06	0.00	1.63	1.43	1472.57
23-Jul-2003	1032	TB	M-SCOPE	5.99	0.00	1.63	4.36	1469.64
28-Oct-2003	1048	TB	M-SCOPE	4.42	0.00	1.63	2.79	1471.21
22-Jan-2004	1452	TB	M-SCOPE	3.88	0.00	1.63	2.25	1471.75
19-Apr-2004	1125	TB	M-SCOPE	3.61	0.00	1.63	1.98	1472.02
22-Jul-2004	1018	TB	M-SCOPE	4.91	0.00	1.63	3.28	1470.72
25-Oct-2004	1105	TB	M-SCOPE	5.72	0.00	1.63	4.09	1469.91
20-Jan-2005	1032	TB	M-SCOPE	3.41	0.00	1.63	1.78	1472.22
06-Apr-2005	1157	TB	M-SCOPE	2.86	0.00	1.63	1.23	1472.77
07-Apr-2005	1007	TB	M-SCOPE	2.91	0.00	1.63	1.28	1472.72
19-Jul-2005	1051	TB	M-SCOPE	4.47	0.00	1.63	2.84	1471.16
20-Oct-2005	1601	TB	M-SCOPE	6.13	0.00	1.63	4.50	1469.50
18-Jan-2006	858	DR	M-SCOPE	6.54	0.00	1.63	4.91	1469.09
21-Apr-2006	1631	DR	M-SCOPE	6.37	0.00	1.63	4.74	1469.26
20-Jul-2006	1010	DR	M-SCOPE	7.58	0.00	1.63	5.95	1468.05
24-Oct-2006	922	DR	M-SCOPE	9.36	0.00	1.63	7.73	1466.27
24-Jan-2007	1136	DR	M-SCOPE	9.85	0.00	1.63	8.22	1465.78
10-Apr-2007	1349	DR	M-SCOPE	6.90	0.00	1.63	5.27	1468.73
19-Jul-2007	1016	DR	M-SCOPE	4.14	0.00	1.63	2.51	1471.49
26-Oct-2007	925	DR	M-SCOPE	7.42	0.00	1.63	5.79	1468.21
11-Jan-2008	1503	DR	M-SCOPE	5.81	0.00	1.63	4.18	1469.82
02-Apr-2008	1006	DR	M-SCOPE	4.18	0.00	1.63	2.55	1471.45
22-Jul-2008	1233	DR	M-SCOPE	4.55	0.00	1.63	2.92	1471.08
27-Oct-2008	1111	DR	M-SCOPE	3.00	0.00	1.63	1.37	1472.63
19-Jan-2009	904	DR	M-SCOPE	3.18	0.00	1.63	1.55	1472.45
09-Apr-2009	749	DR	M-SCOPE	3.04	0.00	1.63	1.41	1472.59
20-Jul-2009	937	DR	M-SCOPE	3.43	0.00	1.63	1.80	1472.20
20-Oct-2009	854	DR	M-SCOPE	3.92	0.00	1.63	2.29	1471.71
14-Jan-2010	1042	DR	M-SCOPE	3.57	0.00	1.63	1.94	1472.06
15-Apr-2010	905	DR	M-SCOPE	3.74	0.00	1.63	2.11	1471.89
16-Jul-2010	924	DR	M-SCOPE	2.50	0.00	1.63	0.87	1473.13
20-Oct-2010	907	DR	M-SCOPE	5.09	0.00	1.63	3.46	1470.54
20-Jan-2011	1327	DR	M-SCOPE	4.11	0.00	1.63	2.48	1471.52
07-Apr-2011	946	DR	M-SCOPE	3.88	0.00	1.63	2.25	1471.75
21-Jul-2011	1311	DR	M-SCOPE	7.04	0.00	1.63	5.41	1468.59
18-Oct-2011	952	DR	M-SCOPE	8.44	0.00	1.63	6.81	1467.19
17-Jan-2012	918	DR	M-SCOPE	6.43	0.00	1.63	4.80	1469.20
01-Mar-2012	1302	DR	M-SCOPE	4.49	0.00	1.63	2.86	1471.14
27-Apr-2012	1003	DR	M-SCOPE	4.26	0.00	1.63	2.63	1471.37
30-Jul-2012	1359	DR	M-SCOPE	7.79	0.00	1.63	6.16	1467.84
18-Oct-2012	938	DR	M-SCOPE	9.31	0.00	1.63	7.68	1466.32
21-Jan-2013	931	DR	M-SCOPE	9.81	0.00	1.63	8.18	1465.82
29-Apr-2013	934	DR	M-SCOPE	7.48	0.00	1.63	5.85	1468.15
25-Jul-2013	1244	DR	M-SCOPE	6.87	0.00	1.63	5.24	1468.76
10-Oct-2013	924	DR	M-SCOPE	4.28	0.00	1.63	2.65	1471.35
02-Jan-2014	927	DR	M-SCOPE	3.31	0.00	1.63	1.68	1472.32
25-Apr-2014	1232	DR	M-SCOPE	4.17	0.00	1.63	2.54	1471.46
14-Jul-2014	1159	DR	M-SCOPE	3.82	0.00	1.63	2.19	1471.81
27-Oct-2014	1101	DR	M-SCOPE	6.23	0.00	1.63	4.60	1469.40
08-Jan-2015	1008	DR	M-SCOPE	6.24	0.00	1.63	4.61	1469.39
20-Apr-2015	1156	DR	M-SCOPE	5.33	0.00	1.63	3.70	1470.30
03-Aug-2015	1211	DR	M-SCOPE	4.87	0.00	1.63	3.24	1470.76
29-Oct-2015	929	DR	M-SCOPE	6.03	0.00	1.63	4.40	1469.60
05-Jan-2016	1333	DR	M-SCOPE	2.89	0.00	1.63	1.26	1472.74
20-Apr-2016	1256	DR	M-SCOPE	2.67	0.00	1.63	1.04	1472.96
25-Jul-2016	1057	DR	M-SCOPE	4.43	0.00	1.63	2.80	1471.20
18-Oct-2016	913	DR	M-SCOPE	3.06	0.00	1.63	1.43	1472.57

Index Well IW-01C

WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
23-Oct-2001	1055	TB	M-SCOPE	58.80		2.29	56.51	1417.59
19-Nov-2001	1235	TB	M-SCOPE	58.50		2.29	56.21	1417.89
27-Jun-2001	1205	TB	M-SCOPE	57.33		2.29	55.04	1419.06
10-Oct-2002	1155	CM	M-SCOPE	64.00		2.29	61.71	1412.39
22-Oct-2002	1026	MTD	M-SCOPE	63.40		2.29	61.11	1412.99
20-Dec-2002	1102	DK	M-SCOPE	60.90	0.00	2.29	58.61	1415.49
20-Jan-2003	950	DK	M-SCOPE	60.23	0.00	2.29	57.94	1416.16
13-Feb-2003	1222	DK	M-SCOPE	60.15	0.00	2.29	57.86	1416.24
17-Mar-2003	1200	DK	M-SCOPE	56.95	0.00	2.29	54.66	1419.44
28-Apr-2003	1028	TB	M-SCOPE	55.98	0.00	2.29	53.69	1420.41
23-Jul-2003	1033	TB	M-SCOPE	67.75	0.00	2.29	65.46	1408.64
28-Oct-2003	1049	TB	M-SCOPE	60.97	0.00	2.29	58.68	1415.42
22-Jan-2004	1453	TB	M-SCOPE	58.73	0.00	2.29	56.44	1417.66
19-Apr-2004	1126	TB	M-SCOPE	54.19	0.00	2.29	51.90	1422.20
22-Jul-2004	1018	TB	M-SCOPE	62.66	0.00	2.29	60.37	1413.73
25-Oct-2004	1106	TB	M-SCOPE	59.39	0.00	2.29	57.10	1417.00
20-Jan-2005	1033	TB	M-SCOPE	56.59	0.00	2.29	54.30	1419.80
06-Apr-2005	1157	TB	M-SCOPE	53.54	0.00	2.29	51.25	1422.85
07-Apr-2005	1008	TB	M-SCOPE	53.61	0.00	2.29	51.32	1422.78
19-Jul-2005	1051	TB	M-SCOPE	57.59	0.00	2.29	55.30	1418.80
20-Oct-2005	1602	TB	M-SCOPE	58.67	0.00	2.29	56.38	1417.72
18-Jan-2006	859	DR	M-SCOPE	58.32	0.00	2.29	56.03	1418.07
21-Apr-2006	1631	DR	M-SCOPE	59.55	0.00	2.29	57.26	1416.84
20-Jul-2006	1010	DR	M-SCOPE	69.48	0.00	2.29	67.19	1406.91
24-Oct-2006	922	DR	M-SCOPE	65.97	0.00	2.29	63.68	1410.42
24-Jan-2007	1136	DR	M-SCOPE	63.99	0.00	2.29	61.70	1412.40
10-Apr-2007	1349	DR	M-SCOPE	61.65	0.00	2.29	59.36	1414.74
19-Jul-2007	1017	DR	M-SCOPE	54.18	0.00	2.29	51.89	1422.21
26-Oct-2007	926	DR	M-SCOPE	60.70	0.00	2.29	58.41	1415.69
11-Jan-2008	1503	DR	M-SCOPE	58.72	0.00	2.29	56.43	1417.67
02-Apr-2008	1006	DR	M-SCOPE	55.53	0.00	2.29	53.24	1420.86
22-Jul-2008	1234	DR	M-SCOPE	57.88	0.00	2.29	55.59	1418.51
27-Oct-2008	1112	DR	M-SCOPE	56.28	0.00	2.29	53.99	1420.11
19-Jan-2009	903	DR	M-SCOPE	54.88	0.00	2.29	52.59	1421.51
09-Apr-2009	750	DR	M-SCOPE	53.96	0.00	2.29	51.67	1422.43
20-Jul-2009	937	DR	M-SCOPE	56.20	0.00	2.29	53.91	1420.19
20-Oct-2009	855	DR	M-SCOPE	56.77	0.00	2.29	54.48	1419.62
14-Jan-2010	1041	DR	M-SCOPE	55.61	0.00	2.29	53.32	1420.78
15-Apr-2010	905	DR	M-SCOPE	54.59	0.00	2.29	52.30	1421.80
16-Jul-2010	924	DR	M-SCOPE	53.08	0.00	2.29	50.79	1423.31
20-Oct-2010	907	DR	M-SCOPE	58.30	0.00	2.29	56.01	1418.09
20-Jan-2011	1327	DR	M-SCOPE	57.11	0.00	2.29	54.82	1419.28
07-Apr-2011	947	DR	M-SCOPE	56.25	0.00	2.29	53.96	1420.14
21-Jul-2011	1313	DR	M-SCOPE	71.41	0.00	2.29	69.12	1404.98
18-Oct-2011	952	DR	M-SCOPE	66.88	0.00	2.29	64.59	1409.51
17-Jan-2012	918	DR	M-SCOPE	64.08	0.00	2.29	61.79	1412.31
01-Mar-2012	1303	DR	M-SCOPE	62.48	0.00	2.29	60.19	1413.91
27-Apr-2012	1003	DR	M-SCOPE	59.85	0.00	2.29	57.56	1416.54
30-Jul-2012	1400	DR	M-SCOPE	73.95	0.00	2.29	71.66	1402.44
18-Oct-2012	939	DR	M-SCOPE	68.70	0.00	2.29	66.41	1407.69
21-Jan-2013	931	DR	M-SCOPE	66.85	0.00	2.29	64.56	1409.54
29-Apr-2013	935	DR	M-SCOPE	65.46	0.00	2.29	63.17	1410.93
25-Jul-2013	1244	DR	M-SCOPE	70.45	0.00	2.29	68.16	1405.94
10-Oct-2013	924	DR	M-SCOPE	60.51	0.00	2.29	58.22	1415.88
02-Jan-2014	928	DR	M-SCOPE	58.82	0.00	2.29	56.53	1417.57
25-Apr-2014	1232	DR	M-SCOPE	59.01	0.00	2.29	56.72	1417.38
14-Jul-2014	1159	DR	M-SCOPE	58.98	0.00	2.29	56.69	1417.41
27-Oct-2014	1101	DR	M-SCOPE	62.97	0.00	2.29	60.68	1413.42
08-Jan-2015	1008	DR	M-SCOPE	61.89	0.00	2.29	59.60	1414.50
20-Apr-2015	1156	DR	M-SCOPE	61.90	0.00	2.29	59.61	1414.49
03-Aug-2015	1211	DR	M-SCOPE	63.31	0.00	2.29	61.02	1413.08
29-Oct-2015	928	DR	M-SCOPE	62.61	0.00	2.29	60.32	1413.78
05-Jan-2016	1334	DR	M-SCOPE	57.77	0.00	2.29	55.48	1418.62
20-Apr-2016	1256	DR	M-SCOPE	57.08	0.00	2.29	54.79	1419.31
25-Jul-2016	1058	DR	M-SCOPE	58.45	0.00	2.29	56.16	1417.94
18-Oct-2016	913	DR	M-SCOPE	51.53	0.00	2.29	49.24	1424.86

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1020	TB	M-SCOPE	9.74		1.82	7.92	1441.38
15-Nov-2001	1040	TB	M-SCOPE	9.13		1.82	7.31	1441.99
10-Jun-2002	940	TB	M-SCOPE	9.62		1.82	7.80	1441.50
12-Oct-2002	1420	CM	M-SCOPE	11.89		1.82	10.07	1439.23
23-Oct-2002	1059	MTD	M-SCOPE	11.53		1.82	9.71	1439.59
23-Jan-2003	1521	TB	M-SCOPE	11.01	0.00	1.82	9.19	1440.11
28-Apr-2003	1044	TB	M-SCOPE	7.48	0.00	1.82	5.66	1443.64
23-Jul-2003	1050	TB	M-SCOPE	9.58	0.00	1.82	7.76	1441.54
28-Oct-2003	1106	TB	M-SCOPE	8.36	0.00	1.82	6.54	1442.76
22-Jan-2004	1507	TB	M-SCOPE	8.71	0.00	1.82	6.89	1442.41
19-Apr-2004	1142	TB	M-SCOPE	5.89	0.00	1.82	4.07	1445.23
22-Jul-2004	1032	TB	M-SCOPE	8.28	0.00	1.82	6.46	1442.84
25-Oct-2004	1124	TB	M-SCOPE	9.54	0.00	1.82	7.72	1441.58
20-Jan-2005	1050	TB	M-SCOPE	7.45	0.00	1.82	5.63	1443.67
07-Apr-2005	953	EB	M-SCOPE	5.07	0.00	1.82	3.25	1446.05
19-Jul-2005	1106	TB	M-SCOPE	6.23	0.00	1.82	4.41	1444.89
20-Oct-2005	1032	DR	M-SCOPE	8.89	0.00	1.82	7.07	1442.23
18-Jan-2006	913	DR	M-SCOPE	9.59	0.00	1.82	7.77	1441.53
21-Apr-2006	1618	DR	M-SCOPE	10.15	0.00	1.82	8.33	1440.97
20-Jul-2006	1024	DR	M-SCOPE	13.18	0.00	1.82	11.36	1437.94
24-Oct-2006	1006	DR	M-SCOPE	14.54	0.00	1.82	12.72	1436.58
24-Jan-2007	1123	DR	M-SCOPE	15.32	0.00	1.82	13.50	1435.80
10-Apr-2007	1407	DR	M-SCOPE	14.30	0.00	1.82	12.48	1436.82
19-Jul-2007	1041	DR	M-SCOPE	9.53	0.00	1.82	7.71	1441.59
26-Oct-2007	950	DR	M-SCOPE	12.88	0.00	1.82	11.06	1438.24
11-Jan-2008	1513	DR	M-SCOPE	12.12	0.00	1.82	10.30	1439.00
02-Apr-2008	1019	DR	M-SCOPE	11.09	0.00	1.82	9.27	1440.03
22-Jul-2008	1258	DR	M-SCOPE	9.74	0.00	1.82	7.92	1441.38
24-Oct-2008	921	DR	M-SCOPE	8.89	0.00	1.82	7.07	1442.23
19-Jan-2009	917	DR	M-SCOPE	10.44	0.00	1.82	8.62	1440.68
09-Apr-2009	826	DR	M-SCOPE	10.38	0.00	1.82	8.56	1440.74
20-Jul-2009	1045	DR	M-SCOPE	9.88	0.00	1.82	8.06	1441.24
20-Oct-2009	918	DR	M-SCOPE	11.03	0.00	1.82	9.21	1440.09
14-Jan-2010	1058	DR	M-SCOPE	11.11	0.00	1.82	9.29	1440.01
15-Apr-2010	928	DR	M-SCOPE	10.59	0.00	1.82	8.77	1440.53
16-Jul-2010	947	DR	M-SCOPE	7.46	0.00	1.82	5.64	1443.66
20-Oct-2010	932	DR	M-SCOPE	11.00	0.00	1.82	9.18	1440.12
20-Jan-2011	1346	DR	M-SCOPE	11.96	0.00	1.82	10.14	1439.16
07-Apr-2011	1009	DR	M-SCOPE	12.02	0.00	1.82	10.20	1439.10
21-Jul-2011	1354	DR	M-SCOPE	14.11	0.00	1.82	12.29	1437.01
18-Oct-2011	1002	DR	M-SCOPE	14.98	0.00	1.82	13.16	1436.14
17-Jan-2012	932	DR	M-SCOPE	15.17	0.00	1.82	13.35	1435.95
01-Mar-2012	1320	DR	M-SCOPE	14.38	0.00	1.82	12.56	1436.74
27-Apr-2012	1007	DR	M-SCOPE	13.19	0.00	1.82	11.37	1437.93
30-Jul-2012	1415	DR	M-SCOPE	15.61	0.00	1.82	13.79	1435.51
18-Oct-2012	954	DR	M-SCOPE	16.10	0.00	1.82	14.28	1435.02
21-Jan-2013	954	DR	M-SCOPE	16.61	0.00	1.82	14.79	1434.51
29-Apr-2013	948	DR	M-SCOPE	16.53	0.00	1.82	14.71	1434.59
25-Jul-2013	1312	DR	M-SCOPE	15.63	0.00	1.82	13.81	1435.49
10-Oct-2013	939	DR	M-SCOPE	10.48	0.00	1.82	8.66	1440.64
02-Jan-2014	1001	DR	M-SCOPE	11.46	0.00	1.82	9.64	1439.66
25-Apr-2014	1244	DR	M-SCOPE	11.81	0.00	1.82	9.99	1439.31
14-Jul-2014	1216	DR	M-SCOPE	10.29	0.00	1.82	8.47	1440.83
27-Oct-2014	1121	DR	M-SCOPE	13.40	0.00	1.82	11.58	1437.72
08-Jan-2015	1026	DR	M-SCOPE	13.88	0.00	1.82	12.06	1437.24
20-Apr-2015	1217	DR	M-SCOPE	14.38	0.00	1.82	12.56	1436.74
03-Aug-2015	1227	DR	M-SCOPE	12.18	0.00	1.82	10.36	1438.94
29-Oct-2015	1019	DR	M-SCOPE	13.63	0.00	1.82	11.81	1437.49
05-Jan-2016	1347	DR	M-SCOPE	10.71	0.00	1.82	8.89	1440.41
20-Apr-2016	1333	DR	M-SCOPE	10.33	0.00	1.82	8.51	1440.79
25-Jul-2016	1117	DR	M-SCOPE	9.18	0.00	1.82	7.36	1441.94
18-Oct-2016	930	DR	M-SCOPE	7.84	0.00	1.82	6.02	1443.28

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1010	TB	M-SCOPE	39.58		1.90	37.68	1411.82
15-Nov-2001	1215	TB	M-SCOPE	38.88		1.90	36.98	1412.52
10-Jun-2002	1150	TB	M-SCOPE	38.34		1.90	36.44	1413.06
12-Oct-2002	1425	CM	M-SCOPE	44.70		1.90	42.80	1406.70
23-Oct-2002	1102	MTD	M-SCOPE	42.67		1.90	40.77	1408.73
23-Jan-2003	1522	TB	M-SCOPE	40.06	0.00	1.90	38.16	1411.34
28-Apr-2003	1045	TB	M-SCOPE	37.14	0.00	1.90	35.24	1414.26
23-Jul-2003	1051	TB	M-SCOPE	55.17	0.00	1.90	53.27	1396.23
28-Oct-2003	1107	TB	M-SCOPE	41.65	0.00	1.90	39.75	1409.75
22-Jan-2004	1507	TB	M-SCOPE	38.65	0.00	1.90	36.75	1412.75
19-Apr-2004	1143	TB	M-SCOPE	35.58	0.00	1.90	33.68	1415.82
22-Jul-2004	1032	TB	M-SCOPE	52.75	0.00	1.90	50.85	1398.65
25-Oct-2004	1125	TB	M-SCOPE	39.45	0.00	1.90	37.55	1411.95
20-Jan-2005	1050	TB	M-SCOPE	36.87	0.00	1.90	34.97	1414.53
07-Apr-2005	954	EB	M-SCOPE	34.29	0.00	1.90	32.39	1417.11
19-Jul-2005	1107	TB	M-SCOPE	43.80	0.00	1.90	41.90	1407.60
20-Oct-2005	1032	DR	M-SCOPE	38.90	0.00	1.90	37.00	1412.50
18-Jan-2006	914	DR	M-SCOPE	38.17	0.00	1.90	36.27	1413.23
21-Apr-2006	1618	DR	M-SCOPE	41.34	0.00	1.90	39.44	1410.06
20-Jul-2006	1023	DR	M-SCOPE	56.99	0.00	1.90	55.09	1394.41
24-Oct-2006	1007	DR	M-SCOPE	44.93	0.00	1.90	43.03	1406.47
24-Jan-2007	1124	DR	M-SCOPE	42.55	0.00	1.90	40.65	1408.85
10-Apr-2007	1407	DR	M-SCOPE	40.60	0.00	1.90	38.70	1410.80
19-Jul-2007	1041	DR	M-SCOPE	37.31	0.00	1.90	35.41	1414.09
26-Oct-2007	949	DR	M-SCOPE	40.51	0.00	1.90	38.61	1410.89
11-Jan-2008	1514	DR	M-SCOPE	34.21	0.00	1.90	32.31	1417.19
02-Apr-2008	1019	DR	M-SCOPE	35.90	0.00	1.90	34.00	1415.50
22-Jul-2008	1259	DR	M-SCOPE	40.60	0.00	1.90	38.70	1410.80
24-Oct-2008	921	DR	M-SCOPE	33.69	0.00	1.90	31.79	1417.71
19-Jan-2009	918	DR	M-SCOPE	35.44	0.00	1.90	33.54	1415.96
09-Apr-2009	827	DR	M-SCOPE	34.19	0.00	1.90	32.29	1417.21
20-Jul-2009	1046	DR	M-SCOPE	42.10	0.00	1.90	40.20	1409.30
20-Oct-2009	918	DR	M-SCOPE	37.11	0.00	1.90	35.21	1414.29
14-Jan-2010	1058	DR	M-SCOPE	35.33	0.00	1.90	33.43	1416.07
15-Apr-2010	928	DR	M-SCOPE	34.70	0.00	1.90	32.80	1416.70
16-Jul-2010	947	DR	M-SCOPE	34.80	0.00	1.90	32.90	1416.60
20-Oct-2010	932	DR	M-SCOPE	37.71	0.00	1.90	35.81	1413.69
20-Jan-2011	1346	DR	M-SCOPE	36.40	0.00	1.90	34.50	1415.00
07-Apr-2011	1009	DR	M-SCOPE	36.65	0.00	1.90	34.75	1414.75
21-Jul-2011	1354	DR	M-SCOPE	58.83	0.00	1.90	56.93	1392.57
18-Oct-2011	1002	DR	M-SCOPE	45.60	0.00	1.90	43.70	1405.80
17-Jan-2012	933	DR	M-SCOPE	42.09	0.00	1.90	40.19	1409.31
01-Mar-2012	1320	DR	M-SCOPE	38.25	0.00	1.90	36.35	1413.15
27-Apr-2012	1007	DR	M-SCOPE	40.34	0.00	1.90	38.44	1411.06
30-Jul-2012	1415	DR	M-SCOPE	62.70	0.00	1.90	60.80	1388.70
18-Oct-2012	954	DR	M-SCOPE	47.23	0.00	1.90	45.33	1404.17
21-Jan-2013	954	DR	M-SCOPE	44.85	0.00	1.90	42.95	1406.55
29-Apr-2013	948	DR	M-SCOPE	43.30	0.00	1.90	41.40	1408.10
25-Jul-2013	1312	DR	M-SCOPE	50.51	0.00	1.90	48.61	1400.89
10-Oct-2013	940	DR	M-SCOPE	40.80	0.00	1.90	38.90	1410.60
02-Jan-2014	1001	DR	M-SCOPE	38.03	0.00	1.90	36.13	1413.37
25-Apr-2014	1244	DR	M-SCOPE	38.35	0.00	1.90	36.45	1413.05
14-Jul-2014	1216	DR	M-SCOPE	40.50	0.00	1.90	38.60	1410.90
27-Oct-2014	1122	DR	M-SCOPE	41.54	0.00	1.90	39.64	1409.86
08-Jan-2015	1025	DR	M-SCOPE	40.35	0.00	1.90	38.45	1411.05
20-Apr-2015	1217	DR	M-SCOPE	38.55	0.00	1.90	36.65	1412.85
03-Aug-2015	1227	DR	M-SCOPE	45.02	0.00	1.90	43.12	1406.38
29-Oct-2015	1020	DR	M-SCOPE	40.90	0.00	1.90	39.00	1410.50
05-Jan-2016	1346	DR	M-SCOPE	36.52	0.00	1.90	34.62	1414.88
20-Apr-2016	1333	DR	M-SCOPE	36.38	0.00	1.90	34.48	1415.02
25-Jul-2016	1117	DR	M-SCOPE	47.34	0.00	1.90	45.44	1404.06
18-Oct-2016	931	DR	M-SCOPE	31.62	0.00	1.90	29.72	1419.78

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1135	TB	M-SCOPE	13.08		1.51	11.57	1395.63
05-Nov-2001	1100	TB	M-SCOPE	12.92		1.51	11.41	1395.79
26-Jun-2002	950	TB	M-SCOPE	10.08		1.51	8.57	1398.63
12-Oct-2002	1440	CM	M-SCOPE	16.38		1.51	14.87	1392.33
23-Oct-2002	1114	MTD	M-SCOPE	15.18		1.51	13.67	1393.53
23-Jan-2003	1534	TB	M-SCOPE	13.36	0.00	1.51	11.85	1395.35
28-Apr-2003	1059	TB	M-SCOPE	8.60	0.00	1.51	7.09	1400.11
23-Jul-2003	1101	TB	M-SCOPE	18.00	0.00	1.51	16.49	1390.71
28-Oct-2003	1119	TB	M-SCOPE	12.16	0.00	1.51	10.65	1396.55
22-Jan-2004	1517	TB	M-SCOPE	11.69	0.00	1.51	10.18	1397.02
19-Apr-2004	1159	TB	M-SCOPE	7.50	0.00	1.51	5.99	1401.21
22-Jul-2004	1044	TB	M-SCOPE	15.35	0.00	1.51	13.84	1393.36
25-Oct-2004	1136	TB	M-SCOPE	12.00	0.00	1.51	10.49	1396.71
20-Jan-2005	1109	TB	M-SCOPE	9.04	0.00	1.51	7.53	1399.67
22-Mar-2005	948	TB	M-SCOPE	6.34	0.00	1.51	4.83	1402.37
07-Apr-2005	845	TB	M-SCOPE	5.63	0.00	1.51	4.12	1403.08
19-Jul-2005	1141	TB	M-SCOPE	10.24	0.00	1.51	8.73	1398.47
08-Aug-2005	1323	TB	M-SCOPE	15.05	0.00	1.51	13.54	1393.66
23-Aug-2005	1549	TB	M-SCOPE	12.99	0.00	1.51	11.48	1395.72
20-Oct-2005	1011	DR	M-SCOPE	12.01	0.00	1.51	10.50	1396.70
18-Jan-2006	926	DR	M-SCOPE	12.12	0.00	1.51	10.61	1396.59
21-Apr-2006	1553	DR	M-SCOPE	13.81	0.00	1.51	12.30	1394.90
20-Jul-2006	1033	DR	M-SCOPE	21.70	0.00	1.51	20.19	1387.01
24-Oct-2006	956	DR	M-SCOPE	17.54	0.00	1.51	16.03	1391.17
24-Jan-2007	1039	DR	M-SCOPE	16.20	0.00	1.51	14.69	1392.51
10-Apr-2007	1415	DR	M-SCOPE	15.83	0.00	1.51	14.32	1392.88
19-Jul-2007	1104	DR	M-SCOPE	9.10	0.00	1.51	7.59	1399.61
26-Oct-2007	959	DR	M-SCOPE	14.64	0.00	1.51	13.13	1394.07
11-Jan-2008	1532	DR	M-SCOPE	13.83	0.00	1.51	12.32	1394.88
02-Apr-2008	1037	DR	M-SCOPE	10.61	0.00	1.51	9.10	1398.10
22-Jul-2008	1312	DR	M-SCOPE	11.00	0.00	1.51	9.49	1397.71
24-Oct-2008	1012	DR	M-SCOPE	11.17	0.00	1.51	9.66	1397.54
19-Jan-2009	950	DR	M-SCOPE	9.88	0.00	1.51	8.37	1398.83
09-Apr-2009	930	DR	M-SCOPE	10.06	0.00	1.51	8.55	1398.65
20-Jul-2009	1136	DR	M-SCOPE	11.54	0.00	1.51	10.03	1397.17
20-Oct-2009	930	DR	M-SCOPE	12.09	0.00	1.51	10.58	1396.62
14-Jan-2010	1110	DR	M-SCOPE	10.39	0.00	1.51	8.88	1398.32
15-Apr-2010	939	DR	M-SCOPE	9.47	0.00	1.51	7.96	1399.24
16-Jul-2010	958	DR	M-SCOPE	4.98	0.00	1.51	3.47	1403.73
20-Oct-2010	1058	DR	M-SCOPE	11.13	0.00	1.51	9.62	1397.58
20-Jan-2011	1416	DR	M-SCOPE	10.97	0.00	1.51	9.46	1397.74
07-Apr-2011	1020	DR	M-SCOPE	10.21	0.00	1.51	8.70	1398.50
21-Jul-2011	1402	DR	M-SCOPE	21.39	0.00	1.51	19.88	1387.32
18-Oct-2011	1017	DR	M-SCOPE	18.17	0.00	1.51	16.66	1390.54
17-Jan-2012	941	DR	M-SCOPE	15.63	0.00	1.51	14.12	1393.08
01-Mar-2012	1352	DR	M-SCOPE	14.37	0.00	1.51	12.86	1394.34
27-Apr-2012	1050	DR	M-SCOPE	11.13	0.00	1.51	9.62	1397.58
30-Jul-2012	1442	DR	M-SCOPE	23.30	0.00	1.51	21.79	1385.41
19-Oct-2012	1127	DR	M-SCOPE	19.00	0.00	1.51	17.49	1389.71
21-Jan-2013	1012	DR	M-SCOPE	17.59	0.00	1.51	16.08	1391.12
29-Apr-2013	1029	DR	M-SCOPE	16.24	0.00	1.51	14.73	1392.47
25-Jul-2013	1301	DR	M-SCOPE	20.15	0.00	1.51	18.64	1388.56
10-Oct-2013	951	DR	M-SCOPE	10.78	0.00	1.51	9.27	1397.93
02-Jan-2014	1042	DR	M-SCOPE	10.79	0.00	1.51	9.28	1397.92
25-Apr-2014	1312	DR	M-SCOPE	11.07	0.00	1.51	9.56	1397.64
14-Jul-2014	1229	DR	M-SCOPE	8.34	0.00	1.51	6.83	1400.37
27-Oct-2014	1145	DR	M-SCOPE	14.04	0.00	1.51	12.53	1394.67
08-Jan-2015	1035	DR	M-SCOPE	13.22	0.00	1.51	11.71	1395.49
20-Apr-2015	1244	DR	M-SCOPE	14.01	0.00	1.51	12.50	1394.70
03-Aug-2015	1244	DR	M-SCOPE	13.93	0.00	1.51	12.42	1394.78
29-Oct-2015	1030	DR	M-SCOPE	13.13	0.00	1.51	11.62	1395.58
05-Jan-2016	1355	DR	M-SCOPE	7.83	0.00	1.51	6.32	1400.88
20-Apr-2016	1344	DR	M-SCOPE	8.44	0.00	1.51	6.93	1400.27
25-Jul-2016	1342	DR	M-SCOPE	10.53	0.00	1.51	9.02	1398.18
18-Oct-2016	1041	DR	M-SCOPE	4.35	0.00	1.51	2.84	1404.36

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1125	TB	M-SCOPE	14.84		1.76	13.08	1394.32
05-Nov-2001	1230	TB	M-SCOPE	14.13		1.76	12.37	1395.03
26-Jun-2002	1150	TB	M-SCOPE	14.20		1.76	12.44	1394.96
12-Oct-2002	1445	CM	M-SCOPE	18.05		1.76	16.29	1391.11
23-Oct-2002	1116	MTD	M-SCOPE	16.22		1.76	14.46	1392.94
23-Jan-2003	1535	TB	M-SCOPE	14.37	0.00	1.76	12.61	1394.79
28-Apr-2003	1100	TB	M-SCOPE	11.23	0.00	1.76	9.47	1397.93
23-Jul-2003	1102	TB	M-SCOPE	24.29	0.00	1.76	22.53	1384.87
28-Oct-2003	1118	TB	M-SCOPE	14.97	0.00	1.76	13.21	1394.19
22-Jan-2004	1518	TB	M-SCOPE	12.93	0.00	1.76	11.17	1396.23
19-Apr-2004	1200	TB	M-SCOPE	10.79	0.00	1.76	9.03	1398.37
22-Jul-2004	1045	TB	M-SCOPE	23.15	0.00	1.76	21.39	1386.01
25-Oct-2004	1136	TB	M-SCOPE	14.17	0.00	1.76	12.41	1394.99
20-Jan-2005	1110	TB	M-SCOPE	11.51	0.00	1.76	9.75	1397.65
22-Mar-2005	948	TB	M-SCOPE	10.02	0.00	1.76	8.26	1399.14
07-Apr-2005	845	TB	M-SCOPE	8.94	0.00	1.76	7.18	1400.22
19-Jul-2005	1142	TB	M-SCOPE	15.90	0.00	1.76	14.14	1393.26
08-Aug-2005	1324	TB	M-SCOPE	22.25	0.00	1.76	20.49	1386.91
23-Aug-2005	1550	TB	M-SCOPE	16.66	0.00	1.76	14.90	1392.50
20-Oct-2005	1012	DR	M-SCOPE	13.76	0.00	1.76	12.00	1395.40
18-Jan-2006	928	DR	M-SCOPE	13.36	0.00	1.76	11.60	1395.80
21-Apr-2006	1554	DR	M-SCOPE	17.06	0.00	1.76	15.30	1392.10
20-Jul-2006	1032	DR	M-SCOPE	28.90	0.00	1.76	27.14	1380.26
24-Oct-2006	957	DR	M-SCOPE	19.50	0.00	1.76	17.74	1389.66
24-Jan-2007	1039	DR	M-SCOPE	17.20	0.00	1.76	15.44	1391.96
10-Apr-2007	1415	DR	M-SCOPE	17.15	0.00	1.76	15.39	1392.01
19-Jul-2007	1104	DR	M-SCOPE	14.65	0.00	1.76	12.89	1394.51
26-Oct-2007	1000	DR	M-SCOPE	17.26	0.00	1.76	15.50	1391.90
11-Jan-2008	1532	DR	M-SCOPE	19.15	0.00	1.76	17.39	1390.01
02-Apr-2008	1037	DR	M-SCOPE	13.09	0.00	1.76	11.33	1396.07
22-Jul-2008	1313	DR	M-SCOPE	15.80	0.00	1.76	14.04	1393.36
24-Oct-2008	1012	DR	M-SCOPE	17.52	0.00	1.76	15.76	1391.64
19-Jan-2009	950	DR	M-SCOPE	12.19	0.00	1.76	10.43	1396.97
09-Apr-2009	930	DR	M-SCOPE	13.46	0.00	1.76	11.70	1395.70
20-Jul-2009	1137	DR	M-SCOPE	18.58	0.00	1.76	16.82	1390.58
20-Oct-2009	930	DR	M-SCOPE	14.17	0.00	1.76	12.41	1394.99
14-Jan-2010	1110	DR	M-SCOPE	11.79	0.00	1.76	10.03	1397.37
15-Apr-2010	938	DR	M-SCOPE	12.02	0.00	1.76	10.26	1397.14
16-Jul-2010	958	DR	M-SCOPE	11.50	0.00	1.76	9.74	1397.66
20-Oct-2010	1059	DR	M-SCOPE	13.44	0.00	1.76	11.68	1395.72
20-Jan-2011	1416	DR	M-SCOPE	12.79	0.00	1.76	11.03	1396.37
07-Apr-2011	1020	DR	M-SCOPE	12.28	0.00	1.76	10.52	1396.88
21-Jul-2011	1403	DR	M-SCOPE	28.70	0.00	1.76	26.94	1380.46
18-Oct-2011	1017	DR	M-SCOPE	20.64	0.00	1.76	18.88	1388.52
17-Jan-2012	941	DR	M-SCOPE	17.20	0.00	1.76	15.44	1391.96
01-Mar-2012	1352	DR	M-SCOPE	17.60	0.00	1.76	15.84	1391.56
27-Apr-2012	1050	DR	M-SCOPE	14.25	0.00	1.76	12.49	1394.91
30-Jul-2012	1442	DR	M-SCOPE	31.22	0.00	1.76	29.46	1377.94
19-Oct-2012	1127	DR	M-SCOPE	21.10	0.00	1.76	19.34	1388.06
21-Jan-2013	1012	DR	M-SCOPE	19.06	0.00	1.76	17.30	1390.10
29-Apr-2013	1029	DR	M-SCOPE	16.84	0.00	1.76	15.08	1392.32
25-Jul-2013	1302	DR	M-SCOPE	23.34	0.00	1.76	21.58	1385.82
10-Oct-2013	951	DR	M-SCOPE	14.38	0.00	1.76	12.62	1394.78
02-Jan-2014	1043	DR	M-SCOPE	12.95	0.00	1.76	11.19	1396.21
25-Apr-2014	1313	DR	M-SCOPE	13.58	0.00	1.76	11.82	1395.58
14-Jul-2014	1229	DR	M-SCOPE	12.94	0.00	1.76	11.18	1396.22
27-Oct-2014	1145	DR	M-SCOPE	16.34	0.00	1.76	14.58	1392.82
08-Jan-2015	1036	DR	M-SCOPE	14.90	0.00	1.76	13.14	1394.26
20-Apr-2015	1243	DR	M-SCOPE	18.85	0.00	1.76	17.09	1390.31
03-Aug-2015	1244	DR	M-SCOPE	17.60	0.00	1.76	15.84	1391.56
29-Oct-2015	1031	DR	M-SCOPE	15.43	0.00	1.76	13.67	1393.73
05-Jan-2016	1355	DR	M-SCOPE	11.35	0.00	1.76	9.59	1397.81
20-Apr-2016	1345	DR	M-SCOPE	12.33	0.00	1.76	10.57	1396.83
25-Jul-2016	1345	DR	M-SCOPE	18.23	0.00	1.76	16.47	1390.93
18-Oct-2016	1040	DR	M-SCOPE	7.57	0.00	1.76	5.81	1401.59

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1250	TB	M-SCOPE	12.10		1.77	10.33	1431.37
20-Nov-2001	1100	TB	M-SCOPE	12.54		1.77	10.77	1430.93
11-Jun-2002	1030	TB	M-SCOPE	13.41		1.77	11.64	1430.06
10-Oct-2002	1220	CM	M-SCOPE	14.02		1.77	12.25	1429.45
23-Oct-2002	1155	MTD	M-SCOPE	14.30		1.77	12.53	1429.17
23-Jan-2003	1450	TB	M-SCOPE	15.01	0.00	1.77	13.24	1428.46
28-Apr-2003	1139	TB	M-SCOPE	13.31	0.00	1.77	11.54	1430.16
23-Jul-2003	1146	TB	M-SCOPE	13.74	0.00	1.77	11.97	1429.73
28-Oct-2003	1155	TB	M-SCOPE	12.82	0.00	1.77	11.05	1430.65
22-Jan-2004	1557	TB	M-SCOPE	15.15	0.00	1.77	13.38	1428.32
19-Apr-2004	1256	TB	M-SCOPE	13.38	0.00	1.77	11.61	1430.09
22-Jul-2004	1134	TB	M-SCOPE	12.31	0.00	1.77	10.54	1431.16
25-Oct-2004	1246	TB	M-SCOPE	13.84	0.00	1.77	12.07	1429.63
20-Jan-2005	1207	TB	M-SCOPE	13.44	0.00	1.77	11.67	1430.03
07-Apr-2005	1034	TB	M-SCOPE	11.73	0.00	1.77	9.96	1431.74
19-Jul-2005	1246	TB	M-SCOPE	10.24	0.00	1.77	8.47	1433.23
20-Oct-2005	1121	DR	M-SCOPE	12.34	0.00	1.77	10.57	1431.13
18-Jan-2006	1002	DR	M-SCOPE	13.51	0.00	1.77	11.74	1429.96
21-Apr-2006	1456	DR	M-SCOPE	13.98	0.00	1.77	12.21	1429.49
19-Jul-2006	1433	DR	M-SCOPE	14.27	0.00	1.77	12.50	1429.20
24-Oct-2006	1136	DR	M-SCOPE	17.60	0.00	1.77	15.83	1425.87
23-Jan-2007	1641	DR	M-SCOPE	15.05	0.00	1.77	13.28	1428.42
10-Apr-2007	940	DR	M-SCOPE	12.32	0.00	1.77	10.55	1431.15
19-Jul-2007	1129	DR	M-SCOPE	10.40	0.00	1.77	8.63	1433.07
26-Oct-2007	1037	DR	M-SCOPE	12.43	0.00	1.77	10.66	1431.04
11-Jan-2008	1408	DR	M-SCOPE	12.74	0.00	1.77	10.97	1430.73
02-Apr-2008	1204	DR	M-SCOPE	11.71	0.00	1.77	9.94	1431.76
22-Jul-2008	1402	DR	M-SCOPE	10.22	0.00	1.77	8.45	1433.25
24-Oct-2008	1101	DR	M-SCOPE	10.67	0.00	1.77	8.90	1432.80
19-Jan-2009	1019	DR	M-SCOPE	12.02	0.00	1.77	10.25	1431.45
09-Apr-2009	1008	DR	M-SCOPE	11.56	0.00	1.77	9.79	1431.91
20-Jul-2009	1223	DR	M-SCOPE	9.04	0.00	1.77	7.27	1434.43
20-Oct-2009	1009	DR	M-SCOPE	11.44	0.00	1.77	9.67	1432.03
14-Jan-2010	1146	DR	M-SCOPE	12.22	0.00	1.77	10.45	1431.25
15-Apr-2010	1123	DR	M-SCOPE	11.98	0.00	1.77	10.21	1431.49
16-Jul-2010	1030	DR	M-SCOPE	6.11	0.00	1.77	4.34	1437.36
19-Oct-2010	1535	DR	M-SCOPE	11.33	0.00	1.77	9.56	1432.14
20-Jan-2011	1516	DR	M-SCOPE	11.89	0.00	1.77	10.12	1431.58
07-Apr-2011	1201	DR	M-SCOPE	11.17	0.00	1.77	9.40	1432.30
21-Jul-2011	1436	DR	M-SCOPE	13.29	0.00	1.77	11.52	1430.18
18-Oct-2011	1107	DR	M-SCOPE	18.03	0.00	1.77	16.26	1425.44
17-Jan-2012	1324	DR	M-SCOPE	13.90	0.00	1.77	12.13	1429.57
01-Mar-2012	1502	DR	M-SCOPE	13.19	0.00	1.77	11.42	1430.28
27-Apr-2012	1209	DR	M-SCOPE	12.14	0.00	1.77	10.37	1431.33
30-Jul-2012	1507	DR	M-SCOPE	14.60	0.00	1.77	12.83	1428.87
18-Oct-2012	1033	DR	M-SCOPE	21.11	0.00	1.77	19.34	1422.36
21-Jan-2013	1038	DR	M-SCOPE	12.52	0.00	1.77	10.75	1430.95
29-Apr-2013	1138	DR	M-SCOPE	11.08	0.00	1.77	9.31	1432.39
25-Jul-2013	1416	DR	M-SCOPE	12.31	0.00	1.77	10.54	1431.16
10-Oct-2013	1406	DR	M-SCOPE	10.44	0.00	1.77	8.67	1433.03
02-Jan-2014	1126	DR	M-SCOPE	12.84	0.00	1.77	11.07	1430.63
25-Apr-2014	1354	DR	M-SCOPE	12.15	0.00	1.77	10.38	1431.32
14-Jul-2014	1318	DR	M-SCOPE	12.12	0.00	1.77	10.35	1431.35
27-Oct-2014	1227	DR	M-SCOPE	14.07	0.00	1.77	12.30	1429.40
09-Jan-2015	1554	DR	M-SCOPE	14.51	0.00	1.77	12.74	1428.96
20-Apr-2015	1308	DR	M-SCOPE	14.36	0.00	1.77	12.59	1429.11
03-Aug-2015	1311	DR	M-SCOPE	11.63	0.00	1.77	9.86	1431.84
30-Oct-2015	1025	DR	M-SCOPE	12.86	0.00	1.77	11.09	1430.61
05-Jan-2016	1417	DR	M-SCOPE	12.48	0.00	1.77	10.71	1430.99
20-Apr-2016	1036	DR	M-SCOPE	12.30	0.00	1.77	10.53	1431.17
25-Jul-2016	1407	DR	M-SCOPE	9.22	0.00	1.77	7.45	1434.25
18-Oct-2016	1116	DR	M-SCOPE	9.24	0.00	1.77	7.47	1434.23

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1245	TB	M-SCOPE	23.14		1.84	21.30	1421.00
20-Nov-2001	1255	TB	M-SCOPE	22.73		1.84	20.89	1421.41
11-Jun-2002	1300	TB	M-SCOPE	22.71		1.84	20.87	1421.43
10-Oct-2002	1225	CM	M-SCOPE	27.10		1.84	25.26	1417.04
23-Oct-2002	1200	MTD	M-SCOPE	26.47		1.84	24.63	1417.67
23-Jan-2003	1451	TB	M-SCOPE	24.59	0.00	1.84	22.75	1419.55
28-Apr-2003	1140	TB	M-SCOPE	23.27	0.00	1.84	21.43	1420.87
23-Jul-2003	1146	TB	M-SCOPE	34.31	0.00	1.84	32.47	1409.83
28-Oct-2003	1155	TB	M-SCOPE	26.08	0.00	1.84	24.24	1418.06
22-Jan-2004	1557	TB	M-SCOPE	23.93	0.00	1.84	22.09	1420.21
19-Apr-2004	1257	TB	M-SCOPE	22.17	0.00	1.84	20.33	1421.97
22-Jul-2004	1134	TB	M-SCOPE	32.71	0.00	1.84	30.87	1411.43
25-Oct-2004	1246	TB	M-SCOPE	23.65	0.00	1.84	21.81	1420.49
20-Jan-2005	1208	TB	M-SCOPE	22.23	0.00	1.84	20.39	1421.91
07-Apr-2005	1035	TB	M-SCOPE	20.93	0.00	1.84	19.09	1423.21
19-Jul-2005	1247	TB	M-SCOPE	26.54	0.00	1.84	24.70	1417.60
20-Oct-2005	1121	DR	M-SCOPE	22.97	0.00	1.84	21.13	1421.17
18-Jan-2006	1003	DR	M-SCOPE	22.30	0.00	1.84	20.46	1421.84
21-Apr-2006	1456	DR	M-SCOPE	23.55	0.00	1.84	21.71	1420.59
19-Jul-2006	1434	DR	M-SCOPE	34.80	0.00	1.84	32.96	1409.34
24-Oct-2006	1136	DR	M-SCOPE	27.70	0.00	1.84	25.86	1416.44
23-Jan-2007	1641	DR	M-SCOPE	26.05	0.00	1.84	24.21	1418.09
10-Apr-2007	941	DR	M-SCOPE	24.65	0.00	1.84	22.81	1419.49
19-Jul-2007	1129	DR	M-SCOPE	24.25	0.00	1.84	22.41	1419.89
26-Oct-2007	1037	DR	M-SCOPE	24.31	0.00	1.84	22.47	1419.83
11-Jan-2008	1407	DR	M-SCOPE	22.85	0.00	1.84	21.01	1421.29
02-Apr-2008	1204	DR	M-SCOPE	21.71	0.00	1.84	19.87	1422.43
22-Jul-2008	1401	DR	M-SCOPE	26.05	0.00	1.84	24.21	1418.09
24-Oct-2008	1101	DR	M-SCOPE	21.50	0.00	1.84	19.66	1422.64
19-Jan-2009	1020	DR	M-SCOPE	20.45	0.00	1.84	18.61	1423.69
09-Apr-2009	1008	DR	M-SCOPE	19.71	0.00	1.84	17.87	1424.43
20-Jul-2009	1223	DR	M-SCOPE	23.44	0.00	1.84	21.60	1420.70
20-Oct-2009	1009	DR	M-SCOPE	20.92	0.00	1.84	19.08	1423.22
14-Jan-2010	1146	DR	M-SCOPE	19.85	0.00	1.84	18.01	1424.29
15-Apr-2010	1124	DR	M-SCOPE	19.77	0.00	1.84	17.93	1424.37
16-Jul-2010	1031	DR	M-SCOPE	19.75	0.00	1.84	17.91	1424.39
19-Oct-2010	1534	DR	M-SCOPE	21.14	0.00	1.84	19.30	1423.00
20-Jan-2011	1516	DR	M-SCOPE	20.03	0.00	1.84	18.19	1424.11
07-Apr-2011	1200	DR	M-SCOPE	20.26	0.00	1.84	18.42	1423.88
21-Jul-2011	1436	DR	M-SCOPE	35.65	0.00	1.84	33.81	1408.49
18-Oct-2011	1107	DR	M-SCOPE	27.40	0.00	1.84	25.56	1416.74
17-Jan-2012	1324	DR	M-SCOPE	25.60	0.00	1.84	23.76	1418.54
01-Mar-2012	1502	DR	M-SCOPE	24.69	0.00	1.84	22.85	1419.45
27-Apr-2012	1209	DR	M-SCOPE	24.03	0.00	1.84	22.19	1420.11
30-Jul-2012	1507	DR	M-SCOPE	37.47	0.00	1.84	35.63	1406.67
18-Oct-2012	1033	DR	M-SCOPE	29.74	0.00	1.84	27.90	1414.40
21-Jan-2013	1038	DR	M-SCOPE	27.61	0.00	1.84	25.77	1416.53
29-Apr-2013	1138	DR	M-SCOPE	26.70	0.00	1.84	24.86	1417.44
25-Jul-2013	1416	DR	M-SCOPE	31.40	0.00	1.84	29.56	1412.74
10-Oct-2013	1406	DR	M-SCOPE	26.11	0.00	1.84	24.27	1418.03
02-Jan-2014	1126	DR	M-SCOPE	23.88	0.00	1.84	22.04	1420.26
25-Apr-2014	1355	DR	M-SCOPE	23.80	0.00	1.84	21.96	1420.34
14-Jul-2014	1317	DR	M-SCOPE	24.69	0.00	1.84	22.85	1419.45
27-Oct-2014	1227	DR	M-SCOPE	25.42	0.00	1.84	23.58	1418.72
09-Jan-2015	1554	DR	M-SCOPE	24.45	0.00	1.84	22.61	1419.69
20-Apr-2015	1308	DR	M-SCOPE	23.97	0.00	1.84	22.13	1420.17
03-Aug-2015	1311	DR	M-SCOPE	27.42	0.00	1.84	25.58	1416.72
30-Oct-2015	1025	DR	M-SCOPE	24.33	0.00	1.84	22.49	1419.81
05-Jan-2016	1417	DR	M-SCOPE	22.18	0.00	1.84	20.34	1421.96
20-Apr-2016	1036	DR	M-SCOPE	21.44	0.00	1.84	19.60	1422.70
25-Jul-2016	1406	DR	M-SCOPE	26.40	0.00	1.84	24.56	1417.74
18-Oct-2016	1116	DR	M-SCOPE	17.93	0.00	1.84	16.09	1426.21

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1305	TB	M-SCOPE	28.33		1.46	26.87	1415.63
06-Nov-2001	1030	TB	M-SCOPE	28.53		1.46	27.07	1415.43
10-Jun-2002	945	TB	M-SCOPE	27.45		1.46	25.99	1416.51
10-Oct-2002	1355	CM	M-SCOPE	32.73		1.46	31.27	1411.23
23-Oct-2002	1144	MTD	M-SCOPE	32.04		1.46	30.58	1411.92
23-Jan-2003	1504	TB	M-SCOPE	29.58	0.00	1.46	28.12	1414.38
28-Apr-2003	1126	TB	M-SCOPE	28.20	0.00	1.46	26.74	1415.76
23-Jul-2003	1137	TB	M-SCOPE	46.21	0.00	1.46	44.75	1397.75
28-Oct-2003	1143	TB	M-SCOPE	31.86	0.00	1.46	30.40	1412.10
22-Jan-2004	1544	TB	M-SCOPE	28.87	0.00	1.46	27.41	1415.09
19-Apr-2004	1244	TB	M-SCOPE	27.23	0.00	1.46	25.77	1416.73
22-Jul-2004	1124	TB	M-SCOPE	43.35	0.00	1.46	41.89	1400.61
25-Oct-2004	1234	TB	M-SCOPE	28.85	0.00	1.46	27.39	1415.11
20-Jan-2005	1156	TB	M-SCOPE	26.81	0.00	1.46	25.35	1417.15
07-Apr-2005	1043	TB	M-SCOPE	25.71	0.00	1.46	24.25	1418.25
19-Jul-2005	1227	TB	M-SCOPE	35.65	0.00	1.46	34.19	1408.31
20-Oct-2005	1051	DR	M-SCOPE	28.08	0.00	1.46	26.62	1415.88
18-Jan-2006	952	DR	M-SCOPE	27.08	0.00	1.46	25.62	1416.88
21-Apr-2006	1505	DR	M-SCOPE	30.94	0.00	1.46	29.48	1413.02
20-Jul-2006	1109	DR	M-SCOPE	45.12	0.00	1.46	43.66	1398.84
24-Oct-2006	1129	DR	M-SCOPE	33.12	0.00	1.46	31.66	1410.84
23-Jan-2007	1653	DR	M-SCOPE	30.90	0.00	1.46	29.44	1413.06
10-Apr-2007	949	DR	M-SCOPE	27.50	0.00	1.46	26.04	1416.46
19-Jul-2007	1234	DR	M-SCOPE	31.21	0.00	1.46	29.75	1412.75
26-Oct-2007	1026	DR	M-SCOPE	29.07	0.00	1.46	27.61	1414.89
11-Jan-2008	1442	DR	M-SCOPE	27.21	0.00	1.46	25.75	1416.75
02-Apr-2008	1147	DR	M-SCOPE	26.30	0.00	1.46	24.84	1417.66
22-Jul-2008	1353	DR	M-SCOPE	31.69	0.00	1.46	30.23	1412.27
24-Oct-2008	1051	DR	M-SCOPE	25.86	0.00	1.46	24.40	1418.10
19-Jan-2009	1041	DR	M-SCOPE	25.20	0.00	1.46	23.74	1418.76
09-Apr-2009	1112	DR	M-SCOPE	23.59	0.00	1.46	22.13	1420.37
20-Jul-2009	1214	DR	M-SCOPE	33.72	0.00	1.46	32.26	1410.24
20-Oct-2009	955	DR	M-SCOPE	25.83	0.00	1.46	24.37	1418.13
14-Jan-2010	1200	DR	M-SCOPE	24.25	0.00	1.46	22.79	1419.71
15-Apr-2010	1132	DR	M-SCOPE	24.31	0.00	1.46	22.85	1419.65
16-Jul-2010	1046	DR	M-SCOPE	26.18	0.00	1.46	24.72	1417.78
20-Oct-2010	1210	DR	M-SCOPE	26.07	0.00	1.46	24.61	1417.89
20-Jan-2011	1625	DR	M-SCOPE	24.68	0.00	1.46	23.22	1419.28
07-Apr-2011	1219	DR	M-SCOPE	25.09	0.00	1.46	23.63	1418.87
21-Jul-2011	1427	DR	M-SCOPE	48.13	0.00	1.46	46.67	1395.83
18-Oct-2011	1100	DR	M-SCOPE	33.19	0.00	1.46	31.73	1410.77
17-Jan-2012	1338	DR	M-SCOPE	30.23	0.00	1.46	28.77	1413.73
01-Mar-2012	1454	DR	M-SCOPE	29.25	0.00	1.46	27.79	1414.71
27-Apr-2012	1233	DR	M-SCOPE	29.38	0.00	1.46	27.92	1414.58
30-Jul-2012	1526	DR	M-SCOPE	48.48	0.00	1.46	47.02	1395.48
18-Oct-2012	1045	DR	M-SCOPE	35.61	0.00	1.46	34.15	1408.35
21-Jan-2013	1053	DR	M-SCOPE	32.55	0.00	1.46	31.09	1411.41
29-Apr-2013	1202	DR	M-SCOPE	31.13	0.00	1.46	29.67	1412.83
25-Jul-2013	1338	DR	M-SCOPE	39.41	0.00	1.46	37.95	1404.55
10-Oct-2013	1422	DR	M-SCOPE	31.85	0.00	1.46	30.39	1412.11
02-Jan-2014	1152	DR	M-SCOPE	28.68	0.00	1.46	27.22	1415.28
25-Apr-2014	1345	DR	M-SCOPE	28.59	0.00	1.46	27.13	1415.37
14-Jul-2014	1309	DR	M-SCOPE	31.31	0.00	1.46	29.85	1412.65
27-Oct-2014	1214	DR	M-SCOPE	29.63	0.00	1.46	28.17	1414.33
09-Jan-2015	1608	DR	M-SCOPE	28.78	0.00	1.46	27.32	1415.18
21-Apr-2015	1427	DR	M-SCOPE	27.82	0.00	1.46	26.36	1416.14
03-Aug-2015	1326	DR	M-SCOPE	35.28	0.00	1.46	33.82	1408.68
30-Oct-2015	1033	DR	M-SCOPE	28.52	0.00	1.46	27.06	1415.44
05-Jan-2016	1411	DR	M-SCOPE	25.86	0.00	1.46	24.40	1418.10
20-Apr-2016	1444	DR	M-SCOPE	25.65	0.00	1.46	24.19	1418.31
25-Jul-2016	1416	DR	M-SCOPE	37.73	0.00	1.46	36.27	1406.23
18-Oct-2016	1144	DR	M-SCOPE	21.77	0.00	1.46	20.31	1422.19

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1310	TB	M-SCOPE	28.22		1.32	26.90	1415.70
06-Nov-2001	1240	TB	M-SCOPE	28.35		1.32	27.03	1415.57
10-Jun-2002	1210	TB	M-SCOPE	27.27		1.32	25.95	1416.65
10-Oct-2002	1400	CM	M-SCOPE	32.57		1.32	31.25	1411.35
23-Oct-2002	1147	MTD	M-SCOPE	31.82		1.32	30.50	1412.10
23-Jan-2003	1504	TB	M-SCOPE	29.45	0.00	1.32	28.13	1414.47
28-Apr-2003	1127	TB	M-SCOPE	28.00	0.00	1.32	26.68	1415.92
23-Jul-2003	1138	TB	M-SCOPE	44.78	0.00	1.32	43.46	1399.14
28-Oct-2003	1143	TB	M-SCOPE	31.63	0.00	1.32	30.31	1412.29
22-Jan-2004	1545	TB	M-SCOPE	28.74	0.00	1.32	27.42	1415.18
19-Apr-2004	1244	TB	M-SCOPE	27.04	0.00	1.32	25.72	1416.88
22-Jul-2004	1124	TB	M-SCOPE	43.64	0.00	1.32	42.32	1400.28
25-Oct-2004	1234	TB	M-SCOPE	28.69	0.00	1.32	27.37	1415.23
20-Jan-2005	1156	TB	M-SCOPE	26.70	0.00	1.32	25.38	1417.22
07-Apr-2005	1043	TB	M-SCOPE	25.50	0.00	1.32	24.18	1418.42
19-Jul-2005	1228	TB	M-SCOPE	34.92	0.00	1.32	33.60	1409.00
20-Oct-2005	1051	DR	M-SCOPE	27.94	0.00	1.32	26.62	1415.98
18-Jan-2006	953	DR	M-SCOPE	26.94	0.00	1.32	25.62	1416.98
21-Apr-2006	1505	DR	M-SCOPE	29.69	0.00	1.32	28.37	1414.23
20-Jul-2006	1109	DR	M-SCOPE	45.50	0.00	1.32	44.18	1398.42
24-Oct-2006	1129	DR	M-SCOPE	32.99	0.00	1.32	31.67	1410.93
23-Jan-2007	1654	DR	M-SCOPE	30.80	0.00	1.32	29.48	1413.12
10-Apr-2007	949	DR	M-SCOPE	28.60	0.00	1.32	27.28	1415.32
19-Jul-2007	1235	DR	M-SCOPE	31.88	0.00	1.32	30.56	1412.04
26-Oct-2007	1026	DR	M-SCOPE	29.00	0.00	1.32	27.68	1414.92
11-Jan-2008	1441	DR	M-SCOPE	26.99	0.00	1.32	25.67	1416.93
02-Apr-2008	1148	DR	M-SCOPE	26.21	0.00	1.32	24.89	1417.71
22-Jul-2008	1353	DR	M-SCOPE	31.70	0.00	1.32	30.38	1412.22
24-Oct-2008	1051	DR	M-SCOPE	25.71	0.00	1.32	24.39	1418.21
19-Jan-2009	1042	DR	M-SCOPE	25.05	0.00	1.32	23.73	1418.87
09-Apr-2009	1112	DR	M-SCOPE	23.58	0.00	1.32	22.26	1420.34
20-Jul-2009	1213	DR	M-SCOPE	32.45	0.00	1.32	31.13	1411.47
20-Oct-2009	955	DR	M-SCOPE	25.66	0.00	1.32	24.34	1418.26
14-Jan-2010	1201	DR	M-SCOPE	24.11	0.00	1.32	22.79	1419.81
15-Apr-2010	1132	DR	M-SCOPE	24.15	0.00	1.32	22.83	1419.77
16-Jul-2010	1047	DR	M-SCOPE	25.88	0.00	1.32	24.56	1418.04
20-Oct-2010	1210	DR	M-SCOPE	25.91	0.00	1.32	24.59	1418.01
20-Jan-2011	1625	DR	M-SCOPE	24.52	0.00	1.32	23.20	1419.40
07-Apr-2011	1218	DR	M-SCOPE	24.95	0.00	1.32	23.63	1418.97
21-Jul-2011	1428	DR	M-SCOPE	47.80	0.00	1.32	46.48	1396.12
18-Oct-2011	1100	DR	M-SCOPE	32.91	0.00	1.32	31.59	1411.01
17-Jan-2012	1338	DR	M-SCOPE	29.97	0.00	1.32	28.65	1413.95
01-Mar-2012	1454	DR	M-SCOPE	29.16	0.00	1.32	27.84	1414.76
27-Apr-2012	1233	DR	M-SCOPE	29.50	0.00	1.32	28.18	1414.42
30-Jul-2012	1527	DR	M-SCOPE	48.71	0.00	1.32	47.39	1395.21
18-Oct-2012	1045	DR	M-SCOPE	35.27	0.00	1.32	33.95	1408.65
21-Jan-2013	1054	DR	M-SCOPE	32.37	0.00	1.32	31.05	1411.55
29-Apr-2013	1202	DR	M-SCOPE	31.00	0.00	1.32	29.68	1412.92
25-Jul-2013	1339	DR	M-SCOPE	38.39	0.00	1.32	37.07	1405.53
10-Oct-2013	1422	DR	M-SCOPE	31.58	0.00	1.32	30.26	1412.34
02-Jan-2014	1152	DR	M-SCOPE	28.48	0.00	1.32	27.16	1415.44
25-Apr-2014	1345	DR	M-SCOPE	28.32	0.00	1.32	27.00	1415.60
14-Jul-2014	1310	DR	M-SCOPE	31.11	0.00	1.32	29.79	1412.81
27-Oct-2014	1214	DR	M-SCOPE	29.57	0.00	1.32	28.25	1414.35
09-Jan-2015	1607	DR	M-SCOPE	28.65	0.00	1.32	27.33	1415.27
21-Apr-2015	1426	DR	M-SCOPE	27.60	0.00	1.32	26.28	1416.32
03-Aug-2015	1327	DR	M-SCOPE	34.25	0.00	1.32	32.93	1409.67
30-Oct-2015	1033	DR	M-SCOPE	28.36	0.00	1.32	27.04	1415.56
05-Jan-2016	1410	DR	M-SCOPE	25.81	0.00	1.32	24.49	1418.11
20-Apr-2016	1444	DR	M-SCOPE	25.44	0.00	1.32	24.12	1418.48
25-Jul-2016	1416	DR	M-SCOPE	37.56	0.00	1.32	36.24	1406.36
18-Oct-2016	1143	DR	M-SCOPE	21.65	0.00	1.32	20.33	1422.27

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1345	TB	M-SCOPE	36.29		1.70	34.59	1397.61
06-Nov-2001	1145	TB	M-SCOPE	34.84		1.70	33.14	1399.06
24-Jun-2002	1005	TB	M-SCOPE	31.73		1.70	30.03	1402.17
10-Oct-2002	1410	CM	M-SCOPE	41.56		1.70	39.86	1392.34
23-Oct-2002	1127	MTD	M-SCOPE	36.42		1.70	34.72	1397.48
24-Jan-2003	959	TB	M-SCOPE	33.50	0.00	1.70	31.80	1400.40
28-Apr-2003	1114	TB	M-SCOPE	32.44	0.00	1.70	30.74	1401.46
23-Jul-2003	1127	TB	M-SCOPE	53.43	0.00	1.70	51.73	1380.47
28-Oct-2003	1132	TB	M-SCOPE	42.63	0.00	1.70	40.93	1391.27
22-Jan-2004	1530	TB	M-SCOPE	35.48	0.00	1.70	33.78	1398.42
19-Apr-2004	1233	TB	M-SCOPE	33.30	0.00	1.70	31.60	1400.60
22-Jul-2004	1112	TB	M-SCOPE	45.14	0.00	1.70	43.44	1388.76
25-Oct-2004	1221	TB	M-SCOPE	36.40	0.00	1.70	34.70	1397.50
20-Jan-2005	1144	TB	M-SCOPE	29.55	0.00	1.70	27.85	1404.35
07-Apr-2005	1051	TB	M-SCOPE	27.93	0.00	1.70	26.23	1405.97
19-Jul-2005	1215	TB	M-SCOPE	44.75	0.00	1.70	43.05	1389.15
20-Oct-2005	1137	DR	M-SCOPE	33.18	0.00	1.70	31.48	1400.72
18-Jan-2006	942	DR	M-SCOPE	30.09	0.00	1.70	28.39	1403.81
21-Apr-2006	1514	DR	M-SCOPE	39.30	0.00	1.70	37.60	1394.60
20-Jul-2006	1058	DR	M-SCOPE	53.78	0.00	1.70	52.08	1380.12
24-Oct-2006	1117	DR	M-SCOPE	37.62	0.00	1.70	35.92	1396.28
23-Jan-2007	1700	DR	M-SCOPE	34.80	0.00	1.70	33.10	1399.10
10-Apr-2007	1248	DR	M-SCOPE	34.43	0.00	1.70	32.73	1399.47
19-Jul-2007	1226	DR	M-SCOPE	39.61	0.00	1.70	37.91	1394.29
26-Oct-2007	1137	DR	M-SCOPE	35.40	0.00	1.70	33.70	1398.50
11-Jan-2008	1419	DR	M-SCOPE	33.48	0.00	1.70	31.78	1400.42
02-Apr-2008	1135	DR	M-SCOPE	34.03	0.00	1.70	32.33	1399.87
23-Jul-2008	1241	DR	M-SCOPE	44.11	0.00	1.70	42.41	1389.79
24-Oct-2008	1141	DR	M-SCOPE	35.33	0.00	1.70	33.63	1398.57
19-Jan-2009	1051	DR	M-SCOPE	29.28	0.00	1.70	27.58	1404.62
09-Apr-2009	1128	DR	M-SCOPE	28.47	0.00	1.70	26.77	1405.43
20-Jul-2009	1312	DR	M-SCOPE	37.48	0.00	1.70	35.78	1396.42
20-Oct-2009	1022	DR	M-SCOPE	33.40	0.00	1.70	31.70	1400.50
14-Jan-2010	1216	DR	M-SCOPE	26.43	0.00	1.70	24.73	1407.47
15-Apr-2010	1140	DR	M-SCOPE	26.96	0.00	1.70	25.26	1406.94
16-Jul-2010	1103	DR	M-SCOPE	33.90	0.00	1.70	32.20	1400.00
20-Oct-2010	1139	DR	M-SCOPE	29.42	0.00	1.70	27.72	1404.48
21-Jan-2011	1339	DR	M-SCOPE	28.85	0.00	1.70	27.15	1405.05
07-Apr-2011	1235	DR	M-SCOPE	26.26	0.00	1.70	24.56	1407.64
21-Jul-2011	1451	DR	M-SCOPE	57.11	0.00	1.70	55.41	1376.79
13-Oct-2011	1022	DR	M-SCOPE	38.94	0.00	1.70	37.24	1394.96
17-Jan-2012	1528	DR	M-SCOPE	33.12	0.00	1.70	31.42	1400.78
01-Mar-2012	1441	DR	M-SCOPE	32.60	0.00	1.70	30.90	1401.30
27-Apr-2012	1219	DR	M-SCOPE	34.91	0.00	1.70	33.21	1398.99
30-Jul-2012	1543	DR	M-SCOPE	55.21	0.00	1.70	53.51	1378.69
18-Oct-2012	1058	DR	M-SCOPE	37.75	0.00	1.70	36.05	1396.15
21-Jan-2013	1112	DR	M-SCOPE	40.74	0.00	1.70	39.04	1393.16
29-Apr-2013	1149	DR	M-SCOPE	33.38	0.00	1.70	31.68	1400.52
25-Jul-2013	1325	DR	M-SCOPE	51.41	0.00	1.70	49.71	1382.49
10-Oct-2013	1438	DR	M-SCOPE	36.16	0.00	1.70	34.46	1397.74
02-Jan-2014	1138	DR	M-SCOPE	30.47	0.00	1.70	28.77	1403.43
25-Apr-2014	1333	DR	M-SCOPE	30.35	0.00	1.70	28.65	1403.55
14-Jul-2014	1254	DR	M-SCOPE	31.91	0.00	1.70	30.21	1401.99
27-Oct-2014	1238	DR	M-SCOPE	31.70	0.00	1.70	30.00	1402.20
08-Jan-2015	1056	DR	M-SCOPE	29.76	0.00	1.70	28.06	1404.14
21-Apr-2015	1440	DR	M-SCOPE	31.38	0.00	1.70	29.68	1402.52
03-Aug-2015	1341	DR	M-SCOPE	36.48	0.00	1.70	34.78	1397.42
30-Oct-2015	1044	DR	M-SCOPE	28.99	0.00	1.70	27.29	1404.91
05-Jan-2016	1617	DR	M-SCOPE	26.23	0.00	1.70	24.53	1407.67
20-Apr-2016	1427	DR	M-SCOPE	28.77	0.00	1.70	27.07	1405.13
25-Jul-2016	1428	DR	M-SCOPE	40.03	0.00	1.70	38.33	1393.87
18-Oct-2016	1420	DR	M-SCOPE	24.54	0.00	1.70	22.84	1409.36

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1350	TB	M-SCOPE	37.20		1.57	35.63	1396.77
06-Nov-2001	1320	TB	M-SCOPE	35.73		1.57	34.16	1398.24
24-Jun-2002	1225	TB	M-SCOPE	32.74		1.57	31.17	1401.23
10-Oct-2002	1415	CM	M-SCOPE	43.22		1.57	41.65	1390.75
23-Oct-2002	1131	MTD	M-SCOPE	37.31		1.57	35.74	1396.66
24-Jan-2003	1000	TB	M-SCOPE	34.31	0.00	1.57	32.74	1399.66
28-Apr-2003	1115	TB	M-SCOPE	33.14	0.00	1.57	31.57	1400.83
23-Jul-2003	1127	TB	M-SCOPE	55.18	0.00	1.57	53.61	1378.79
28-Oct-2003	1133	TB	M-SCOPE	43.87	0.00	1.57	42.30	1390.10
22-Jan-2004	1531	TB	M-SCOPE	37.04	0.00	1.57	35.47	1396.93
19-Apr-2004	1233	TB	M-SCOPE	34.11	0.00	1.57	32.54	1399.86
22-Jul-2004	1113	TB	M-SCOPE	46.34	0.00	1.57	44.77	1387.63
25-Oct-2004	1221	TB	M-SCOPE	37.27	0.00	1.57	35.70	1396.70
20-Jan-2005	1144	TB	M-SCOPE	30.20	0.00	1.57	28.63	1403.77
07-Apr-2005	1052	TB	M-SCOPE	28.54	0.00	1.57	26.97	1405.43
19-Jul-2005	1216	TB	M-SCOPE	45.85	0.00	1.57	44.28	1388.12
20-Oct-2005	1138	DR	M-SCOPE	34.07	0.00	1.57	32.50	1399.90
18-Jan-2006	942	DR	M-SCOPE	30.85	0.00	1.57	29.28	1403.12
21-Apr-2006	1515	DR	M-SCOPE	40.05	0.00	1.57	38.48	1393.92
20-Jul-2006	1058	DR	M-SCOPE	55.80	0.00	1.57	54.23	1378.17
24-Oct-2006	1118	DR	M-SCOPE	38.80	0.00	1.57	37.23	1395.17
23-Jan-2007	1701	DR	M-SCOPE	35.75	0.00	1.57	34.18	1398.22
10-Apr-2007	1248	DR	M-SCOPE	35.40	0.00	1.57	33.83	1398.57
19-Jul-2007	1226	DR	M-SCOPE	41.45	0.00	1.57	39.88	1392.52
26-Oct-2007	1137	DR	M-SCOPE	36.41	0.00	1.57	34.84	1397.56
11-Jan-2008	1419	DR	M-SCOPE	34.38	0.00	1.57	32.81	1399.59
02-Apr-2008	1135	DR	M-SCOPE	35.35	0.00	1.57	33.78	1398.62
23-Jul-2008	1241	DR	M-SCOPE	46.57	0.00	1.57	45.00	1387.40
24-Oct-2008	1142	DR	M-SCOPE	37.00	0.00	1.57	35.43	1396.97
19-Jan-2009	1051	DR	M-SCOPE	30.80	0.00	1.57	29.23	1403.17
09-Apr-2009	1128	DR	M-SCOPE	29.25	0.00	1.57	27.68	1404.72
20-Jul-2009	1312	DR	M-SCOPE	38.53	0.00	1.57	36.96	1395.44
20-Oct-2009	1021	DR	M-SCOPE	34.40	0.00	1.57	32.83	1399.57
14-Jan-2010	1216	DR	M-SCOPE	27.15	0.00	1.57	25.58	1406.82
15-Apr-2010	1141	DR	M-SCOPE	27.65	0.00	1.57	26.08	1406.32
16-Jul-2010	1104	DR	M-SCOPE	36.19	0.00	1.57	34.62	1397.78
20-Oct-2010	1139	DR	M-SCOPE	30.28	0.00	1.57	28.71	1403.69
21-Jan-2011	1340	DR	M-SCOPE	29.69	0.00	1.57	28.12	1404.28
07-Apr-2011	1235	DR	M-SCOPE	27.12	0.00	1.57	25.55	1406.85
21-Jul-2011	1451	DR	M-SCOPE	60.10	0.00	1.57	58.53	1373.87
13-Oct-2011	1022	DR	M-SCOPE	40.15	0.00	1.57	38.58	1393.82
17-Jan-2012	1528	DR	M-SCOPE	34.07	0.00	1.57	32.50	1399.90
01-Mar-2012	1441	DR	M-SCOPE	33.50	0.00	1.57	31.93	1400.47
27-Apr-2012	1220	DR	M-SCOPE	36.60	0.00	1.57	35.03	1397.37
30-Jul-2012	1544	DR	M-SCOPE	57.32	0.00	1.57	55.75	1376.65
18-Oct-2012	1059	DR	M-SCOPE	38.80	0.00	1.57	37.23	1395.17
21-Jan-2013	1112	DR	M-SCOPE	42.55	0.00	1.57	40.98	1391.42
29-Apr-2013	1149	DR	M-SCOPE	34.32	0.00	1.57	32.75	1399.65
25-Jul-2013	1326	DR	M-SCOPE	53.50	0.00	1.57	51.93	1380.47
10-Oct-2013	1438	DR	M-SCOPE	37.19	0.00	1.57	35.62	1396.78
02-Jan-2014	1138	DR	M-SCOPE	31.32	0.00	1.57	29.75	1402.65
25-Apr-2014	1334	DR	M-SCOPE	31.12	0.00	1.57	29.55	1402.85
14-Jul-2014	1254	DR	M-SCOPE	32.77	0.00	1.57	31.20	1401.20
27-Oct-2014	1237	DR	M-SCOPE	32.68	0.00	1.57	31.11	1401.29
08-Jan-2015	1056	DR	M-SCOPE	30.60	0.00	1.57	29.03	1403.37
21-Apr-2015	1440	DR	M-SCOPE	32.34	0.00	1.57	30.77	1401.63
03-Aug-2015	1342	DR	M-SCOPE	37.50	0.00	1.57	35.93	1396.47
30-Oct-2015	1042	DR	M-SCOPE	29.84	0.00	1.57	28.27	1404.13
05-Jan-2016	1618	DR	M-SCOPE	26.95	0.00	1.57	25.38	1407.02
20-Apr-2016	1427	DR	M-SCOPE	29.63	0.00	1.57	28.06	1404.34
25-Jul-2016	1428	DR	M-SCOPE	41.55	0.00	1.57	39.98	1392.42
18-Oct-2016	1420	DR	M-SCOPE	25.34	0.00	1.57	23.77	1408.63

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	920	TB	M-SCOPE	45.30		1.53	43.77	1382.93
20-Mar-2002	950	TB	M-SCOPE	45.12		1.53	43.59	1383.11
11-Jun-2002	905	TB	M-SCOPE	43.82		1.53	42.29	1384.41
10-Oct-2002	1430	CM	M-SCOPE	51.92		1.53	50.39	1376.31
23-Oct-2002	1320	MTD	M-SCOPE	50.48		1.53	48.95	1377.75
24-Jan-2003	943	TB	M-SCOPE	47.59	0.00	1.53	46.06	1380.64
28-Apr-2003	1242	TB	M-SCOPE	46.03	0.00	1.53	44.50	1382.20
23-Jul-2003	1115	TB	M-SCOPE	62.70	0.00	1.53	61.17	1365.53
28-Oct-2003	1243	TB	M-SCOPE	52.90	0.00	1.53	51.37	1375.33
23-Jan-2004	932	TB	M-SCOPE	45.14	0.00	1.53	43.61	1383.09
19-Apr-2004	1219	TB	M-SCOPE	44.90	0.00	1.53	43.37	1383.33
22-Jul-2004	1100	TB	M-SCOPE	53.99	0.00	1.53	52.46	1374.24
25-Oct-2004	1156	TB	M-SCOPE	47.69	0.00	1.53	46.16	1380.54
20-Jan-2005	1127	TB	M-SCOPE	43.38	0.00	1.53	41.85	1384.85
07-Apr-2005	1101	TB	M-SCOPE	41.81	0.00	1.53	40.28	1386.42
19-Jul-2005	1158	TB	M-SCOPE	53.59	0.00	1.53	52.06	1374.64
20-Oct-2005	1155	DR	M-SCOPE	47.49	0.00	1.53	45.96	1380.74
18-Jan-2006	1617	DR	M-SCOPE	43.86	0.00	1.53	42.33	1384.37
21-Apr-2006	1528	DR	M-SCOPE	46.77	0.00	1.53	45.24	1381.46
20-Jul-2006	1144	DR	M-SCOPE	63.60	0.00	1.53	62.07	1364.63
24-Oct-2006	1226	DR	M-SCOPE	52.25	0.00	1.53	50.72	1375.98
24-Jan-2007	1010	DR	M-SCOPE	48.40	0.00	1.53	46.87	1379.83
10-Apr-2007	1259	DR	M-SCOPE	48.11	0.00	1.53	46.58	1380.12
19-Jul-2007	1216	DR	M-SCOPE	48.89	0.00	1.53	47.36	1379.34
26-Oct-2007	1149	DR	M-SCOPE	50.83	0.00	1.53	49.30	1377.40
11-Jan-2008	1430	DR	M-SCOPE	46.46	0.00	1.53	44.93	1381.77
03-Apr-2008	1107	DR	M-SCOPE	43.45	0.00	1.53	41.92	1384.78
23-Jul-2008	1251	DR	M-SCOPE	52.21	0.00	1.53	50.68	1376.02
24-Oct-2008	1038	DR	M-SCOPE	45.60	0.00	1.53	44.07	1382.63
19-Jan-2009	1102	DR	M-SCOPE	43.79	0.00	1.53	42.26	1384.44
09-Apr-2009	1101	DR	M-SCOPE	43.14	0.00	1.53	41.61	1385.09
20-Jul-2009	1322	DR	M-SCOPE	54.16	0.00	1.53	52.63	1374.07
20-Oct-2009	1033	DR	M-SCOPE	46.00	0.00	1.53	44.47	1382.23
14-Jan-2010	1231	DR	M-SCOPE	39.57	0.00	1.53	38.04	1388.66
15-Apr-2010	1014	DR	M-SCOPE	41.39	0.00	1.53	39.86	1386.84
16-Jul-2010	1120	DR	M-SCOPE	45.35	0.00	1.53	43.82	1382.88
20-Oct-2010	1354	DR	M-SCOPE	43.90	0.00	1.53	42.37	1384.33
20-Jan-2011	1648	DR	M-SCOPE	43.74	0.00	1.53	42.21	1384.49
07-Apr-2011	1047	DR	M-SCOPE	39.13	0.00	1.53	37.60	1389.10
21-Jul-2011	1502	DR	M-SCOPE	62.17	0.00	1.53	60.64	1366.06
18-Oct-2011	1027	DR	M-SCOPE	55.38	0.00	1.53	53.85	1372.85
17-Jan-2012	1009	DR	M-SCOPE	47.52	0.00	1.53	45.99	1380.71
01-Mar-2012	1418	DR	M-SCOPE	46.44	0.00	1.53	44.91	1381.79
27-Apr-2012	1401	DR	M-SCOPE	43.76	0.00	1.53	42.23	1384.47
30-Jul-2012	1554	DR	M-SCOPE	66.02	0.00	1.53	64.49	1362.21
19-Oct-2012	1157	DR	M-SCOPE	53.40	0.00	1.53	51.87	1374.83
21-Jan-2013	1123	DR	M-SCOPE	47.52	0.00	1.53	45.99	1380.71
29-Apr-2013	1049	DR	M-SCOPE	45.51	0.00	1.53	43.98	1382.72
25-Jul-2013	1520	DR	M-SCOPE	62.75	0.00	1.53	61.22	1365.48
10-Oct-2013	1453	DR	M-SCOPE	52.26	0.00	1.53	50.73	1375.97
02-Jan-2014	1234	DR	M-SCOPE	45.30	0.00	1.53	43.77	1382.93
25-Apr-2014	1418	DR	M-SCOPE	42.31	0.00	1.53	40.78	1385.92
14-Jul-2014	1436	DR	M-SCOPE	42.51	0.00	1.53	40.98	1385.72
27-Oct-2014	1247	DR	M-SCOPE	44.94	0.00	1.53	43.41	1383.29
08-Jan-2015	1106	DR	M-SCOPE	41.68	0.00	1.53	40.15	1386.55
20-Apr-2015	1353	DR	M-SCOPE	43.55	0.00	1.53	42.02	1384.68
03-Aug-2015	1351	DR	M-SCOPE	50.21	0.00	1.53	48.68	1378.02
30-Oct-2015	1058	DR	M-SCOPE	41.12	0.00	1.53	39.59	1387.11
05-Jan-2016	1627	DR	M-SCOPE	37.28	0.00	1.53	35.75	1390.95
20-Apr-2016	1410	DR	M-SCOPE	44.25	0.00	1.53	42.72	1383.98
25-Jul-2016	1440	DR	M-SCOPE	47.88	0.00	1.53	46.35	1380.35
18-Oct-2016	1407	DR	M-SCOPE	37.67	0.00	1.53	36.14	1390.56

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	925	TB	M-SCOPE	45.28		1.43	43.85	1382.75
20-Mar-2002	1200	TB	M-SCOPE	45.75		1.43	44.32	1382.28
11-Jun-2002	1125	TB	M-SCOPE	43.87		1.43	42.44	1384.16
10-Oct-2002	1435	CM	M-SCOPE	51.52		1.43	50.09	1376.51
23-Oct-2002	1324	MTD	M-SCOPE	50.54		1.43	49.11	1377.49
24-Jan-2003	944	TB	M-SCOPE	48.41	0.00	1.43	46.98	1379.62
28-Apr-2003	1242	TB	M-SCOPE	45.90	0.00	1.43	44.47	1382.13
23-Jul-2003	1116	TB	M-SCOPE	60.64	0.00	1.43	59.21	1367.39
28-Oct-2003	1243	TB	M-SCOPE	52.48	0.00	1.43	51.05	1375.55
23-Jan-2004	933	TB	M-SCOPE	45.52	0.00	1.43	44.09	1382.51
19-Apr-2004	1220	TB	M-SCOPE	45.43	0.00	1.43	44.00	1382.60
22-Jul-2004	1101	TB	M-SCOPE	55.92	0.00	1.43	54.49	1372.11
25-Oct-2004	1156	TB	M-SCOPE	47.65	0.00	1.43	46.22	1380.38
20-Jan-2005	1127	TB	M-SCOPE	43.81	0.00	1.43	42.38	1384.22
07-Apr-2005	1101	TB	M-SCOPE	42.14	0.00	1.43	40.71	1385.89
19-Jul-2005	1158	TB	M-SCOPE	52.38	0.00	1.43	50.95	1375.65
20-Oct-2005	1156	DR	M-SCOPE	47.46	0.00	1.43	46.03	1380.57
18-Jan-2006	1618	DR	M-SCOPE	44.13	0.00	1.43	42.70	1383.90
21-Apr-2006	1529	DR	M-SCOPE	47.35	0.00	1.43	45.92	1380.68
20-Jul-2006	1144	DR	M-SCOPE	65.61	0.00	1.43	64.18	1362.42
24-Oct-2006	1226	DR	M-SCOPE	52.02	0.00	1.43	50.59	1376.01
24-Jan-2007	1010	DR	M-SCOPE	48.50	0.00	1.43	47.07	1379.53
10-Apr-2007	1259	DR	M-SCOPE	48.08	0.00	1.43	46.65	1379.95
19-Jul-2007	1217	DR	M-SCOPE	50.61	0.00	1.43	49.18	1377.42
26-Oct-2007	1149	DR	M-SCOPE	50.29	0.00	1.43	48.86	1377.74
11-Jan-2008	1430	DR	M-SCOPE	46.55	0.00	1.43	45.12	1381.48
03-Apr-2008	1107	DR	M-SCOPE	45.05	0.00	1.43	43.62	1382.98
23-Jul-2008	1252	DR	M-SCOPE	53.96	0.00	1.43	52.53	1374.07
24-Oct-2008	1037	DR	M-SCOPE	45.22	0.00	1.43	43.79	1382.81
19-Jan-2009	1102	DR	M-SCOPE	43.99	0.00	1.43	42.56	1384.04
09-Apr-2009	1101	DR	M-SCOPE	43.21	0.00	1.43	41.78	1384.82
20-Jul-2009	1322	DR	M-SCOPE	52.65	0.00	1.43	51.22	1375.38
20-Oct-2009	1034	DR	M-SCOPE	45.59	0.00	1.43	44.16	1382.44
14-Jan-2010	1230	DR	M-SCOPE	40.30	0.00	1.43	38.87	1387.73
15-Apr-2010	1013	DR	M-SCOPE	41.75	0.00	1.43	40.32	1386.28
16-Jul-2010	1121	DR	M-SCOPE	47.04	0.00	1.43	45.61	1380.99
20-Oct-2010	1353	DR	M-SCOPE	44.00	0.00	1.43	42.57	1384.03
20-Jan-2011	1648	DR	M-SCOPE	44.13	0.00	1.43	42.70	1383.90
07-Apr-2011	1047	DR	M-SCOPE	40.38	0.00	1.43	38.95	1387.65
21-Jul-2011	1503	DR	M-SCOPE	63.72	0.00	1.43	62.29	1364.31
18-Oct-2011	1027	DR	M-SCOPE	55.00	0.00	1.43	53.57	1373.03
17-Jan-2012	1009	DR	M-SCOPE	47.60	0.00	1.43	46.17	1380.43
01-Mar-2012	1419	DR	M-SCOPE	46.39	0.00	1.43	44.96	1381.64
27-Apr-2012	1401	DR	M-SCOPE	44.51	0.00	1.43	43.08	1383.52
30-Jul-2012	1555	DR	M-SCOPE	67.27	0.00	1.43	65.84	1360.76
19-Oct-2012	1157	DR	M-SCOPE	52.98	0.00	1.43	51.55	1375.05
21-Jan-2013	1123	DR	M-SCOPE	48.33	0.00	1.43	46.90	1379.70
29-Apr-2013	1049	DR	M-SCOPE	46.23	0.00	1.43	44.80	1381.80
25-Jul-2013	1521	DR	M-SCOPE	60.70	0.00	1.43	59.27	1367.33
10-Oct-2013	1453	DR	M-SCOPE	51.68	0.00	1.43	50.25	1376.35
02-Jan-2014	1235	DR	M-SCOPE	45.17	0.00	1.43	43.74	1382.86
25-Apr-2014	1418	DR	M-SCOPE	43.19	0.00	1.43	41.76	1384.84
14-Jul-2014	1436	DR	M-SCOPE	44.27	0.00	1.43	42.84	1383.76
27-Oct-2014	1248	DR	M-SCOPE	44.98	0.00	1.43	43.55	1383.05
08-Jan-2015	1105	DR	M-SCOPE	42.32	0.00	1.43	40.89	1385.71
20-Apr-2015	1352	DR	M-SCOPE	43.98	0.00	1.43	42.55	1384.05
03-Aug-2015	1350	DR	M-SCOPE	49.15	0.00	1.43	47.72	1378.88
30-Oct-2015	1057	DR	M-SCOPE	41.55	0.00	1.43	40.12	1386.48
05-Jan-2016	1627	DR	M-SCOPE	37.90	0.00	1.43	36.47	1390.13
20-Apr-2016	1410	DR	M-SCOPE	43.68	0.00	1.43	42.25	1384.35
25-Jul-2016	1439	DR	M-SCOPE	50.22	0.00	1.43	48.79	1377.81
18-Oct-2016	1407	DR	M-SCOPE	38.23	0.00	1.43	36.80	1389.80

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1445	TB	M-SCOPE	15.33		1.79	13.54	1425.96
07-Nov-2001	1050	TB	M-SCOPE	15.35		1.79	13.56	1425.94
25-Jun-2002	950	TB	M-SCOPE	15.23		1.79	13.44	1426.06
10-Oct-2002	1250	CM	M-SCOPE	17.19		1.79	15.40	1424.10
23-Oct-2002	1212	MTD	M-SCOPE	17.12		1.79	15.33	1424.17
24-Jan-2003	1019	TB	M-SCOPE	16.84	0.00	1.79	15.05	1424.45
28-Apr-2003	1153	TB	M-SCOPE	16.17	0.00	1.79	14.38	1425.12
23-Jul-2003	1156	TB	M-SCOPE	16.64	0.00	1.79	14.85	1424.65
28-Oct-2003	1206	TB	M-SCOPE	17.50	0.00	1.79	15.71	1423.79
23-Jan-2004	1008	TB	M-SCOPE	16.98	0.00	1.79	15.19	1424.31
19-Apr-2004	1307	TB	M-SCOPE	16.43	0.00	1.79	14.64	1424.86
22-Jul-2004	1151	TB	M-SCOPE	16.67	0.00	1.79	14.88	1424.62
25-Oct-2004	1257	TB	M-SCOPE	16.37	0.00	1.79	14.58	1424.92
20-Jan-2005	1230	TB	M-SCOPE	15.83	0.00	1.79	14.04	1425.46
07-Apr-2005	1156	TB	M-SCOPE	15.23	0.00	1.79	13.44	1426.06
19-Jul-2005	1256	TB	M-SCOPE	15.28	0.00	1.79	13.49	1426.01
20-Oct-2005	1107	DR	M-SCOPE	15.63	0.00	1.79	13.84	1425.66
18-Jan-2006	1010	DR	M-SCOPE	15.50	0.00	1.79	13.71	1425.79
21-Apr-2006	1450	DR	M-SCOPE	15.55	0.00	1.79	13.76	1425.74
19-Jul-2006	1423	DR	M-SCOPE	16.26	0.00	1.79	14.47	1425.03
24-Oct-2006	1146	DR	M-SCOPE	17.60	0.00	1.79	15.81	1423.69
23-Jan-2007	1628	DR	M-SCOPE	17.65	0.00	1.79	15.86	1423.64
10-Apr-2007	933	DR	M-SCOPE	17.45	0.00	1.79	15.66	1423.84
19-Jul-2007	1137	DR	M-SCOPE	15.55	0.00	1.79	13.76	1425.74
26-Oct-2007	1046	DR	M-SCOPE	16.08	0.00	1.79	14.29	1425.21
11-Jan-2008	1359	DR	M-SCOPE	15.70	0.00	1.79	13.91	1425.59
02-Apr-2008	1320	DR	M-SCOPE	15.08	0.00	1.79	13.29	1426.21
23-Jul-2008	1303	DR	M-SCOPE	14.07	0.00	1.79	12.28	1427.22
24-Oct-2008	1110	DR	M-SCOPE	14.51	0.00	1.79	12.72	1426.78
19-Jan-2009	1029	DR	M-SCOPE	13.90	0.00	1.79	12.11	1427.39
09-Apr-2009	1017	DR	M-SCOPE	13.61	0.00	1.79	11.82	1427.68
20-Jul-2009	1234	DR	M-SCOPE	13.07	0.00	1.79	11.28	1428.22
20-Oct-2009	1210	DR	M-SCOPE	13.71	0.00	1.79	11.92	1427.58
14-Jan-2010	1301	DR	M-SCOPE	13.38	0.00	1.79	11.59	1427.91
15-Apr-2010	1115	DR	M-SCOPE	13.12	0.00	1.79	11.33	1428.17
16-Jul-2010	1211	DR	M-SCOPE	12.00	0.00	1.79	10.21	1429.29
19-Oct-2010	1547	DR	M-SCOPE	13.33	0.00	1.79	11.54	1427.96
20-Jan-2011	1531	DR	M-SCOPE	13.20	0.00	1.79	11.41	1428.09
07-Apr-2011	1130	DR	M-SCOPE	13.07	0.00	1.79	11.28	1428.22
21-Jul-2011	1547	DR	M-SCOPE	14.96	0.00	1.79	13.17	1426.33
18-Oct-2011	1114	DR	M-SCOPE	16.69	0.00	1.79	14.90	1424.60
17-Jan-2012	1316	DR	M-SCOPE	16.57	0.00	1.79	14.78	1424.72
01-Mar-2012	1510	DR	M-SCOPE	16.37	0.00	1.79	14.58	1424.92
27-Apr-2012	1159	DR	M-SCOPE	15.98	0.00	1.79	14.19	1425.31
30-Jul-2012	1612	DR	M-SCOPE	18.33	0.00	1.79	16.54	1422.96
19-Oct-2012	1214	DR	M-SCOPE	18.53	0.00	1.79	16.74	1422.76
21-Jan-2013	1207	DR	M-SCOPE	18.37	0.00	1.79	16.58	1422.92
29-Apr-2013	1129	DR	M-SCOPE	18.32	0.00	1.79	16.53	1422.97
26-Jul-2013	1315	DR	M-SCOPE	18.71	0.00	1.79	16.92	1422.58
10-Oct-2013	1348	DR	M-SCOPE	17.48	0.00	1.79	15.69	1423.81
02-Jan-2014	1204	DR	M-SCOPE	16.73	0.00	1.79	14.94	1424.56
25-Apr-2014	1403	DR	M-SCOPE	16.64	0.00	1.79	14.85	1424.65
14-Jul-2014	1331	DR	M-SCOPE	15.92	0.00	1.79	14.13	1425.37
27-Oct-2014	1310	DR	M-SCOPE	16.75	0.00	1.79	14.96	1424.54
09-Jan-2015	1547	DR	M-SCOPE	16.73	0.00	1.79	14.94	1424.56
20-Apr-2015	1319	DR	M-SCOPE	16.62	0.00	1.79	14.83	1424.67
03-Aug-2015	1303	DR	M-SCOPE	16.68	0.00	1.79	14.89	1424.61
30-Oct-2015	1017	DR	M-SCOPE	16.62	0.00	1.79	14.83	1424.67
05-Jan-2016	1424	DR	M-SCOPE	15.78	0.00	1.79	13.99	1425.51
20-Apr-2016	1024	DR	M-SCOPE	15.03	0.00	1.79	13.24	1426.26
25-Jul-2016	1458	DR	M-SCOPE	14.27	0.00	1.79	12.48	1427.02
18-Oct-2016	1126	DR	M-SCOPE	12.03	0.00	1.79	10.24	1429.26

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1450	TB	M-SCOPE	16.15		1.66	14.49	1425.21
07-Nov-2001	1255	TB	M-SCOPE	16.11		1.66	14.45	1425.25
25-Jun-2002	1245	TB	M-SCOPE	16.36		1.66	14.70	1425.00
10-Oct-2002	1255	CM	M-SCOPE	18.16		1.66	16.50	1423.20
23-Oct-2002	1215	MTD	M-SCOPE	18.07		1.66	16.41	1423.29
24-Jan-2003	1020	TB	M-SCOPE	17.59	0.00	1.66	15.93	1423.77
28-Apr-2003	1154	TB	M-SCOPE	17.01	0.00	1.66	15.35	1424.35
23-Jul-2003	1156	TB	M-SCOPE	17.61	0.00	1.66	15.95	1423.75
28-Oct-2003	1207	TB	M-SCOPE	18.37	0.00	1.66	16.71	1422.99
23-Jan-2004	1008	TB	M-SCOPE	17.60	0.00	1.66	15.94	1423.76
19-Apr-2004	1307	TB	M-SCOPE	16.94	0.00	1.66	15.28	1424.42
22-Jul-2004	1152	TB	M-SCOPE	17.45	0.00	1.66	15.79	1423.91
25-Oct-2004	1258	TB	M-SCOPE	16.94	0.00	1.66	15.28	1424.42
20-Jan-2005	1231	TB	M-SCOPE	16.33	0.00	1.66	14.67	1425.03
07-Apr-2005	1156	TB	M-SCOPE	15.66	0.00	1.66	14.00	1425.70
19-Jul-2005	1256	TB	M-SCOPE	15.45	0.00	1.66	13.79	1425.91
20-Oct-2005	1108	DR	M-SCOPE	16.14	0.00	1.66	14.48	1425.22
18-Jan-2006	1011	DR	M-SCOPE	15.93	0.00	1.66	14.27	1425.43
21-Apr-2006	1449	DR	M-SCOPE	16.20	0.00	1.66	14.54	1425.16
19-Jul-2006	1422	DR	M-SCOPE	17.84	0.00	1.66	16.18	1423.52
24-Oct-2006	1147	DR	M-SCOPE	18.62	0.00	1.66	16.96	1422.74
23-Jan-2007	1629	DR	M-SCOPE	18.45	0.00	1.66	16.79	1422.91
10-Apr-2007	932	DR	M-SCOPE	18.12	0.00	1.66	16.46	1423.24
19-Jul-2007	1137	DR	M-SCOPE	16.27	0.00	1.66	14.61	1425.09
26-Oct-2007	1046	DR	M-SCOPE	16.70	0.00	1.66	15.04	1424.66
11-Jan-2008	1359	DR	M-SCOPE	16.23	0.00	1.66	14.57	1425.13
02-Apr-2008	1320	DR	M-SCOPE	15.58	0.00	1.66	13.92	1425.78
23-Jul-2008	1302	DR	M-SCOPE	14.80	0.00	1.66	13.14	1426.56
24-Oct-2008	1110	DR	M-SCOPE	14.86	0.00	1.66	13.20	1426.50
19-Jan-2009	1029	DR	M-SCOPE	14.29	0.00	1.66	12.63	1427.07
09-Apr-2009	1018	DR	M-SCOPE	13.99	0.00	1.66	12.33	1427.37
20-Jul-2009	1234	DR	M-SCOPE	13.71	0.00	1.66	12.05	1427.65
20-Oct-2009	1210	DR	M-SCOPE	14.07	0.00	1.66	12.41	1427.29
14-Jan-2010	1301	DR	M-SCOPE	13.80	0.00	1.66	12.14	1427.56
15-Apr-2010	1116	DR	M-SCOPE	13.57	0.00	1.66	11.91	1427.79
16-Jul-2010	1211	DR	M-SCOPE	12.33	0.00	1.66	10.67	1429.03
19-Oct-2010	1547	DR	M-SCOPE	14.03	0.00	1.66	12.37	1427.33
20-Jan-2011	1531	DR	M-SCOPE	13.61	0.00	1.66	11.95	1427.75
07-Apr-2011	1131	DR	M-SCOPE	13.46	0.00	1.66	11.80	1427.90
21-Jul-2011	1547	DR	M-SCOPE	16.45	0.00	1.66	14.79	1424.91
18-Oct-2011	1113	DR	M-SCOPE	17.62	0.00	1.66	15.96	1423.74
17-Jan-2012	1316	DR	M-SCOPE	17.38	0.00	1.66	15.72	1423.98
01-Mar-2012	1510	DR	M-SCOPE	17.11	0.00	1.66	15.45	1424.25
27-Apr-2012	1200	DR	M-SCOPE	16.71	0.00	1.66	15.05	1424.65
30-Jul-2012	1613	DR	M-SCOPE	19.33	0.00	1.66	17.67	1422.03
19-Oct-2012	1214	DR	M-SCOPE	19.57	0.00	1.66	17.91	1421.79
21-Jan-2013	1207	DR	M-SCOPE	19.36	0.00	1.66	17.70	1422.00
29-Apr-2013	1129	DR	M-SCOPE	19.08	0.00	1.66	17.42	1422.28
26-Jul-2013	1316	DR	M-SCOPE	19.65	0.00	1.66	17.99	1421.71
10-Oct-2013	1348	DR	M-SCOPE	17.78	0.00	1.66	16.12	1423.58
02-Jan-2014	1203	DR	M-SCOPE	17.32	0.00	1.66	15.66	1424.04
25-Apr-2014	1402	DR	M-SCOPE	17.03	0.00	1.66	15.37	1424.33
14-Jul-2014	1331	DR	M-SCOPE	16.50	0.00	1.66	14.84	1424.86
27-Oct-2014	1310	DR	M-SCOPE	17.64	0.00	1.66	15.98	1423.72
09-Jan-2015	1546	DR	M-SCOPE	17.34	0.00	1.66	15.68	1424.02
20-Apr-2015	1319	DR	M-SCOPE	17.13	0.00	1.66	15.47	1424.23
03-Aug-2015	1303	DR	M-SCOPE	17.15	0.00	1.66	15.49	1424.21
30-Oct-2015	1017	DR	M-SCOPE	17.04	0.00	1.66	15.38	1424.32
05-Jan-2016	1424	DR	M-SCOPE	16.13	0.00	1.66	14.47	1425.23
20-Apr-2016	1023	DR	M-SCOPE	15.25	0.00	1.66	13.59	1426.11
25-Jul-2016	1459	DR	M-SCOPE	14.73	0.00	1.66	13.07	1426.63
18-Oct-2016	1126	DR	M-SCOPE	12.27	0.00	1.66	10.61	1429.09

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1030	TB	M-SCOPE	18.12		1.70	16.42	1415.18
19-Mar-2002	1020	TB	M-SCOPE	17.97		1.70	16.27	1415.33
20-Jun-2002	935	TB	M-SCOPE	17.86		1.70	16.16	1415.44
10-Oct-2002	1340	CM	M-SCOPE	20.84		1.70	19.14	1412.46
23-Oct-2002	1221	MTD	M-SCOPE	20.74		1.70	19.04	1412.56
24-Jan-2003	1035	TB	M-SCOPE	19.95	0.00	1.70	18.25	1413.35
28-Apr-2003	1215	TB	M-SCOPE	19.42	0.00	1.70	17.72	1413.88
23-Jul-2003	1206	TB	M-SCOPE	20.29	0.00	1.70	18.59	1413.01
28-Oct-2003	1220	TB	M-SCOPE	21.13	0.00	1.70	19.43	1412.17
23-Jan-2004	955	TB	M-SCOPE	20.24	0.00	1.70	18.54	1413.06
19-Apr-2004	1319	TB	M-SCOPE	19.42	0.00	1.70	17.72	1413.88
22-Jul-2004	1210	TB	M-SCOPE	19.98	0.00	1.70	18.28	1413.32
25-Oct-2004	1312	TB	M-SCOPE	19.64	0.00	1.70	17.94	1413.66
20-Jan-2005	1243	TB	M-SCOPE	18.96	0.00	1.70	17.26	1414.34
07-Apr-2005	1148	TB	M-SCOPE	18.33	0.00	1.70	16.63	1414.97
19-Jul-2005	1308	TB	M-SCOPE	18.29	0.00	1.70	16.59	1415.01
20-Oct-2005	1245	DR	M-SCOPE	18.68	0.00	1.70	16.98	1414.62
18-Jan-2006	1023	DR	M-SCOPE	18.19	0.00	1.70	16.49	1415.11
21-Apr-2006	1439	DR	M-SCOPE	18.13	0.00	1.70	16.43	1415.17
20-Jul-2006	1120	DR	M-SCOPE	19.95	0.00	1.70	18.25	1413.35
24-Oct-2006	1207	DR	M-SCOPE	21.04	0.00	1.70	19.34	1412.26
24-Jan-2007	956	DR	M-SCOPE	20.73	0.00	1.70	19.03	1412.57
10-Apr-2007	1001	DR	M-SCOPE	20.10	0.00	1.70	18.40	1413.20
19-Jul-2007	1148	DR	M-SCOPE	18.08	0.00	1.70	16.38	1415.22
26-Oct-2007	1116	DR	M-SCOPE	18.95	0.00	1.70	17.25	1414.35
11-Jan-2008	1346	DR	M-SCOPE	18.21	0.00	1.70	16.51	1415.09
02-Apr-2008	1215	DR	M-SCOPE	17.61	0.00	1.70	15.91	1415.69
23-Jul-2008	1219	DR	M-SCOPE	17.03	0.00	1.70	15.33	1416.27
24-Oct-2008	1118	DR	M-SCOPE	16.98	0.00	1.70	15.28	1416.32
19-Jan-2009	1135	DR	M-SCOPE	16.24	0.00	1.70	14.54	1417.06
09-Apr-2009	1028	DR	M-SCOPE	15.64	0.00	1.70	13.94	1417.66
20-Jul-2009	1243	DR	M-SCOPE	15.75	0.00	1.70	14.05	1417.55
20-Oct-2009	1133	DR	M-SCOPE	16.18	0.00	1.70	14.48	1417.12
14-Jan-2010	1313	DR	M-SCOPE	15.52	0.00	1.70	13.82	1417.78
15-Apr-2010	1101	DR	M-SCOPE	15.59	0.00	1.70	13.89	1417.71
16-Jul-2010	1201	DR	M-SCOPE	14.42	0.00	1.70	12.72	1418.88
20-Oct-2010	1224	DR	M-SCOPE	15.80	0.00	1.70	14.10	1417.50
20-Jan-2011	1543	DR	M-SCOPE	14.92	0.00	1.70	13.22	1418.38
07-Apr-2011	1120	DR	M-SCOPE	14.44	0.00	1.70	12.74	1418.86
21-Jul-2011	1532	DR	M-SCOPE	17.80	0.00	1.70	16.10	1415.50
18-Oct-2011	1051	DR	M-SCOPE	19.57	0.00	1.70	17.87	1413.73
17-Jan-2012	1416	DR	M-SCOPE	19.21	0.00	1.70	17.51	1414.09
01-Mar-2012	1519	DR	M-SCOPE	18.88	0.00	1.70	17.18	1414.42
27-Apr-2012	1242	DR	M-SCOPE	18.21	0.00	1.70	16.51	1415.09
30-Jul-2012	1624	DR	M-SCOPE	20.82	0.00	1.70	19.12	1412.48
19-Oct-2012	1240	DR	M-SCOPE	21.34	0.00	1.70	19.64	1411.96
21-Jan-2013	1156	DR	M-SCOPE	20.98	0.00	1.70	19.28	1412.32
29-Apr-2013	1213	DR	M-SCOPE	20.68	0.00	1.70	18.98	1412.62
26-Jul-2013	1330	DR	M-SCOPE	21.52	0.00	1.70	19.82	1411.78
11-Oct-2013	1550	DR	M-SCOPE	20.01	0.00	1.70	18.31	1413.29
02-Jan-2014	1213	DR	M-SCOPE	19.42	0.00	1.70	17.72	1413.88
25-Apr-2014	1431	DR	M-SCOPE	18.78	0.00	1.70	17.08	1414.52
14-Jul-2014	1507	DR	M-SCOPE	17.81	0.00	1.70	16.11	1415.49
27-Oct-2014	1344	DR	M-SCOPE	19.01	0.00	1.70	17.31	1414.29
09-Jan-2015	1535	DR	M-SCOPE	18.52	0.00	1.70	16.82	1414.78
20-Apr-2015	1329	DR	M-SCOPE	17.87	0.00	1.70	16.17	1415.43
03-Aug-2015	1433	DR	M-SCOPE	17.78	0.00	1.70	16.08	1415.52
30-Oct-2015	1149	DR	M-SCOPE	17.33	0.00	1.70	15.63	1415.97
05-Jan-2016	1640	DR	M-SCOPE	16.44	0.00	1.70	14.74	1416.86
20-Apr-2016	1049	DR	M-SCOPE	15.77	0.00	1.70	14.07	1417.53
25-Jul-2016	1509	DR	M-SCOPE	15.03	0.00	1.70	13.33	1418.27
18-Oct-2016	1214	DR	M-SCOPE	12.62	0.00	1.70	10.92	1420.68

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1035	TB	M-SCOPE	25.78		1.98	23.80	1407.40
19-Mar-2002	1135	TB	M-SCOPE	25.30		1.98	23.32	1407.88
20-Jun-2002	1040	TB	M-SCOPE	27.07		1.98	25.09	1406.11
24-Jun-2002	1045	TB	M-SCOPE	28.43		1.98	26.45	1404.75
10-Oct-2002	1345	CM	M-SCOPE	30.91		1.98	28.93	1402.27
23-Oct-2002	1224	MTD	M-SCOPE	30.20		1.98	28.22	1402.98
24-Jan-2003	1036	TB	M-SCOPE	29.55	0.00	1.98	27.57	1403.63
28-Apr-2003	1216	TB	M-SCOPE	28.64	0.00	1.98	26.66	1404.54
23-Jul-2003	1206	TB	M-SCOPE	34.46	0.00	1.98	32.48	1398.72
28-Oct-2003	1220	TB	M-SCOPE	31.75	0.00	1.98	29.77	1401.43
23-Jan-2004	956	TB	M-SCOPE	30.91	0.00	1.98	28.93	1402.27
19-Apr-2004	1320	TB	M-SCOPE	28.05	0.00	1.98	26.07	1405.13
22-Jul-2004	1210	TB	M-SCOPE	34.79	0.00	1.98	32.81	1398.39
25-Oct-2004	1312	TB	M-SCOPE	29.47	0.00	1.98	27.49	1403.71
20-Jan-2005	1243	TB	M-SCOPE	28.01	0.00	1.98	26.03	1405.17
07-Apr-2005	1148	TB	M-SCOPE	28.60	0.00	1.98	26.62	1404.58
19-Jul-2005	1308	TB	M-SCOPE	32.20	0.00	1.98	30.22	1400.98
20-Oct-2005	1245	DR	M-SCOPE	28.57	0.00	1.98	26.59	1404.61
18-Jan-2006	1023	DR	M-SCOPE	28.11	0.00	1.98	26.13	1405.07
21-Apr-2006	1438	DR	M-SCOPE	27.50	0.00	1.98	25.52	1405.68
20-Jul-2006	1120	DR	M-SCOPE	35.28	0.00	1.98	33.30	1397.90
24-Oct-2006	1207	DR	M-SCOPE	32.90	0.00	1.98	30.92	1400.28
24-Jan-2007	955	DR	M-SCOPE	30.05	0.00	1.98	28.07	1403.13
10-Apr-2007	1001	DR	M-SCOPE	28.65	0.00	1.98	26.67	1404.53
19-Jul-2007	1148	DR	M-SCOPE	28.65	0.00	1.98	26.67	1404.53
26-Oct-2007	1115	DR	M-SCOPE	30.44	0.00	1.98	28.46	1402.74
11-Jan-2008	1346	DR	M-SCOPE	25.97	0.00	1.98	23.99	1407.21
02-Apr-2008	1216	DR	M-SCOPE	28.34	0.00	1.98	26.36	1404.84
23-Jul-2008	1219	DR	M-SCOPE	30.61	0.00	1.98	28.63	1402.57
24-Oct-2008	1118	DR	M-SCOPE	27.65	0.00	1.98	25.67	1405.53
19-Jan-2009	1135	DR	M-SCOPE	26.88	0.00	1.98	24.90	1406.30
09-Apr-2009	1027	DR	M-SCOPE	22.66	0.00	1.98	20.68	1410.52
20-Jul-2009	1243	DR	M-SCOPE	25.80	0.00	1.98	23.82	1407.38
20-Oct-2009	1132	DR	M-SCOPE	25.18	0.00	1.98	23.20	1408.00
14-Jan-2010	1314	DR	M-SCOPE	23.80	0.00	1.98	21.82	1409.38
15-Apr-2010	1101	DR	M-SCOPE	25.01	0.00	1.98	23.03	1408.17
16-Jul-2010	1201	DR	M-SCOPE	26.50	0.00	1.98	24.52	1406.68
20-Oct-2010	1224	DR	M-SCOPE	24.94	0.00	1.98	22.96	1408.24
20-Jan-2011	1542	DR	M-SCOPE	21.90	0.00	1.98	19.92	1411.28
07-Apr-2011	1120	DR	M-SCOPE	21.08	0.00	1.98	19.10	1412.10
21-Jul-2011	1532	DR	M-SCOPE	34.90	0.00	1.98	32.92	1398.28
18-Oct-2011	1051	DR	M-SCOPE	28.97	0.00	1.98	26.99	1404.21
17-Jan-2012	1416	DR	M-SCOPE	28.28	0.00	1.98	26.30	1404.90
01-Mar-2012	1519	DR	M-SCOPE	29.47	0.00	1.98	27.49	1403.71
27-Apr-2012	1242	DR	M-SCOPE	25.45	0.00	1.98	23.47	1407.73
30-Jul-2012	1625	DR	M-SCOPE	34.98	0.00	1.98	33.00	1398.20
19-Oct-2012	1240	DR	M-SCOPE	30.21	0.00	1.98	28.23	1402.97
21-Jan-2013	1157	DR	M-SCOPE	30.99	0.00	1.98	29.01	1402.19
29-Apr-2013	1213	DR	M-SCOPE	30.42	0.00	1.98	28.44	1402.76
26-Jul-2013	1330	DR	M-SCOPE	34.12	0.00	1.98	32.14	1399.06
11-Oct-2013	1551	DR	M-SCOPE	32.07	0.00	1.98	30.09	1401.11
02-Jan-2014	1214	DR	M-SCOPE	27.20	0.00	1.98	25.22	1405.98
25-Apr-2014	1430	DR	M-SCOPE	26.80	0.00	1.98	24.82	1406.38
14-Jul-2014	1508	DR	M-SCOPE	28.55	0.00	1.98	26.57	1404.63
27-Oct-2014	1343	DR	M-SCOPE	26.62	0.00	1.98	24.64	1406.56
09-Jan-2015	1536	DR	M-SCOPE	25.45	0.00	1.98	23.47	1407.73
20-Apr-2015	1329	DR	M-SCOPE	24.20	0.00	1.98	22.22	1408.98
03-Aug-2015	1433	DR	M-SCOPE	26.85	0.00	1.98	24.87	1406.33
30-Oct-2015	1149	DR	M-SCOPE	23.98	0.00	1.98	22.00	1409.20
05-Jan-2016	1640	DR	M-SCOPE	22.60	0.00	1.98	20.62	1410.58
20-Apr-2016	1050	DR	M-SCOPE	24.13	0.00	1.98	22.15	1409.05
25-Jul-2016	1509	DR	M-SCOPE	27.02	0.00	1.98	25.04	1406.16
18-Oct-2016	1214	DR	M-SCOPE	23.48	0.00	1.98	21.50	1409.70

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1015	TB	M-SCOPE	36.80		1.45	35.35	1396.65
19-Mar-2002	1040	TB	M-SCOPE	36.35		1.45	34.90	1397.10
22-Mar-2002	915	TB	M-SCOPE	36.51		1.45	35.06	1396.94
20-Jun-2002	950	TB	M-SCOPE	35.94		1.45	34.49	1397.51
10-Oct-2002	1320	CM	M-SCOPE	40.18		1.45	38.73	1393.27
23-Oct-2002	1233	MTD	M-SCOPE	39.98		1.45	38.53	1393.47
24-Jan-2003	1100	TB	M-SCOPE	38.43	0.00	1.45	36.98	1395.02
28-Apr-2003	1227	TB	M-SCOPE	37.80	0.00	1.45	36.35	1395.65
23-Jul-2003	1216	TB	M-SCOPE	40.57	0.00	1.45	39.12	1392.88
28-Oct-2003	1230	TB	M-SCOPE	41.05	0.00	1.45	39.60	1392.40
23-Jan-2004	944	TB	M-SCOPE	39.76	0.00	1.45	38.31	1393.69
19-Apr-2004	1333	TB	M-SCOPE	38.41	0.00	1.45	36.96	1395.04
22-Jul-2004	1219	TB	M-SCOPE	39.24	0.00	1.45	37.79	1394.21
25-Oct-2004	1323	TB	M-SCOPE	39.82	0.00	1.45	38.37	1393.63
20-Jan-2005	1254	TB	M-SCOPE	37.56	0.00	1.45	36.11	1395.89
07-Apr-2005	1139	TB	M-SCOPE	37.05	0.00	1.45	35.60	1396.40
19-Jul-2005	1324	TB	M-SCOPE	38.39	0.00	1.45	36.94	1395.06
20-Oct-2005	1231	DR	M-SCOPE	38.38	0.00	1.45	36.93	1395.07
18-Jan-2006	1032	DR	M-SCOPE	36.78	0.00	1.45	35.33	1396.67
21-Apr-2006	1429	DR	M-SCOPE	36.39	0.00	1.45	34.94	1397.06
20-Jul-2006	1131	DR	M-SCOPE	39.77	0.00	1.45	38.32	1393.68
24-Oct-2006	1215	DR	M-SCOPE	40.19	0.00	1.45	38.74	1393.26
24-Jan-2007	948	DR	M-SCOPE	39.63	0.00	1.45	38.18	1393.82
10-Apr-2007	1236	DR	M-SCOPE	38.04	0.00	1.45	36.59	1395.41
19-Jul-2007	1156	DR	M-SCOPE	38.10	0.00	1.45	36.65	1395.35
26-Oct-2007	1125	DR	M-SCOPE	39.14	0.00	1.45	37.69	1394.31
11-Jan-2008	1338	DR	M-SCOPE	37.38	0.00	1.45	35.93	1396.07
02-Apr-2008	1224	DR	M-SCOPE	36.11	0.00	1.45	34.66	1397.34
23-Jul-2008	1211	DR	M-SCOPE	36.68	0.00	1.45	35.23	1396.77
24-Oct-2008	1126	DR	M-SCOPE	36.21	0.00	1.45	34.76	1397.24
19-Jan-2009	1128	DR	M-SCOPE	34.79	0.00	1.45	33.34	1398.66
09-Apr-2009	1040	DR	M-SCOPE	33.40	0.00	1.45	31.95	1400.05
20-Jul-2009	1258	DR	M-SCOPE	35.92	0.00	1.45	34.47	1397.53
20-Oct-2009	1124	DR	M-SCOPE	34.84	0.00	1.45	33.39	1398.61
14-Jan-2010	1411	DR	M-SCOPE	32.64	0.00	1.45	31.19	1400.81
15-Apr-2010	1054	DR	M-SCOPE	32.57	0.00	1.45	31.12	1400.88
16-Jul-2010	1153	DR	M-SCOPE	34.38	0.00	1.45	32.93	1399.07
20-Oct-2010	1407	DR	M-SCOPE	34.40	0.00	1.45	32.95	1399.05
20-Jan-2011	1556	DR	M-SCOPE	32.49	0.00	1.45	31.04	1400.96
07-Apr-2011	1112	DR	M-SCOPE	30.96	0.00	1.45	29.51	1402.49
21-Jul-2011	1525	DR	M-SCOPE	38.44	0.00	1.45	36.99	1395.01
18-Oct-2011	1045	DR	M-SCOPE	39.09	0.00	1.45	37.64	1394.36
17-Jan-2012	1408	DR	M-SCOPE	37.62	0.00	1.45	36.17	1395.83
01-Mar-2012	1530	DR	M-SCOPE	37.17	0.00	1.45	35.72	1396.28
27-Apr-2012	1352	DR	M-SCOPE	36.57	0.00	1.45	35.12	1396.88
30-Jul-2012	1634	DR	M-SCOPE	41.46	0.00	1.45	40.01	1391.99
19-Oct-2012	1252	DR	M-SCOPE	40.48	0.00	1.45	39.03	1392.97
21-Jan-2013	1148	DR	M-SCOPE	38.48	0.00	1.45	37.03	1394.97
29-Apr-2013	1221	DR	M-SCOPE	37.59	0.00	1.45	36.14	1395.86
26-Jul-2013	1339	DR	M-SCOPE	42.03	0.00	1.45	40.58	1391.42
11-Oct-2013	1559	DR	M-SCOPE	40.59	0.00	1.45	39.14	1392.86
02-Jan-2014	1222	DR	M-SCOPE	38.56	0.00	1.45	37.11	1394.89
25-Apr-2014	1438	DR	M-SCOPE	35.85	0.00	1.45	34.40	1397.60
14-Jul-2014	1520	DR	M-SCOPE	34.88	0.00	1.45	33.43	1398.57
27-Oct-2014	1358	DR	M-SCOPE	36.78	0.00	1.45	35.33	1396.67
09-Jan-2015	1529	DR	M-SCOPE	35.10	0.00	1.45	33.65	1398.35
20-Apr-2015	1340	DR	M-SCOPE	33.17	0.00	1.45	31.72	1400.28
03-Aug-2015	1427	DR	M-SCOPE	34.83	0.00	1.45	33.38	1398.62
30-Oct-2015	1141	DR	M-SCOPE	32.43	0.00	1.45	30.98	1401.02
05-Jan-2016	1650	DR	M-SCOPE	31.02	0.00	1.45	29.57	1402.43
20-Apr-2016	1150	DR	M-SCOPE	31.22	0.00	1.45	29.77	1402.23
25-Jul-2016	1523	DR	M-SCOPE	33.36	0.00	1.45	31.91	1400.09
18-Oct-2016	1230	DR	M-SCOPE	29.38	0.00	1.45	27.93	1404.07

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1020	TB	M-SCOPE	38.38		1.32	37.06	1394.94
22-Mar-2002	1210	TB	M-SCOPE	37.34		1.32	36.02	1395.98
20-Jun-2002	1150	TB	M-SCOPE	36.66		1.32	35.34	1396.66
10-Oct-2002	1325	CM	M-SCOPE	41.99		1.32	40.67	1391.33
23-Oct-2002	1236	MTD	M-SCOPE	40.81		1.32	39.49	1392.51
24-Jan-2003	1101	TB	M-SCOPE	39.45	0.00	1.32	38.13	1393.87
28-Apr-2003	1228	TB	M-SCOPE	38.76	0.00	1.32	37.44	1394.56
23-Jul-2003	1216	TB	M-SCOPE	42.34	0.00	1.32	41.02	1390.98
28-Oct-2003	1231	TB	M-SCOPE	42.64	0.00	1.32	41.32	1390.68
23-Jan-2004	945	TB	M-SCOPE	40.43	0.00	1.32	39.11	1392.89
19-Apr-2004	1334	TB	M-SCOPE	39.78	0.00	1.32	38.46	1393.54
22-Jul-2004	1219	TB	M-SCOPE	40.21	0.00	1.32	38.89	1393.11
25-Oct-2004	1324	TB	M-SCOPE	41.90	0.00	1.32	40.58	1391.42
20-Jan-2005	1255	TB	M-SCOPE	38.27	0.00	1.32	36.95	1395.05
07-Apr-2005	1139	TB	M-SCOPE	38.41	0.00	1.32	37.09	1394.91
19-Jul-2005	1325	TB	M-SCOPE	40.78	0.00	1.32	39.46	1392.54
20-Oct-2005	1232	DR	M-SCOPE	40.39	0.00	1.32	39.07	1392.93
18-Jan-2006	1033	DR	M-SCOPE	38.88	0.00	1.32	37.56	1394.44
21-Apr-2006	1429	DR	M-SCOPE	38.44	0.00	1.32	37.12	1394.88
20-Jul-2006	1131	DR	M-SCOPE	42.80	0.00	1.32	41.48	1390.52
24-Oct-2006	1215	DR	M-SCOPE	41.37	0.00	1.32	40.05	1391.95
24-Jan-2007	947	DR	M-SCOPE	41.43	0.00	1.32	40.11	1391.89
10-Apr-2007	1235	DR	M-SCOPE	39.65	0.00	1.32	38.33	1393.67
19-Jul-2007	1156	DR	M-SCOPE	39.70	0.00	1.32	38.38	1393.62
26-Oct-2007	1124	DR	M-SCOPE	41.13	0.00	1.32	39.81	1392.19
11-Jan-2008	1338	DR	M-SCOPE	39.55	0.00	1.32	38.23	1393.77
02-Apr-2008	1224	DR	M-SCOPE	36.90	0.00	1.32	35.58	1396.42
23-Jul-2008	1211	DR	M-SCOPE	38.07	0.00	1.32	36.75	1395.25
24-Oct-2008	1126	DR	M-SCOPE	38.14	0.00	1.32	36.82	1395.18
19-Jan-2009	1128	DR	M-SCOPE	37.01	0.00	1.32	35.69	1396.31
09-Apr-2009	1039	DR	M-SCOPE	34.85	0.00	1.32	33.53	1398.47
20-Jul-2009	1258	DR	M-SCOPE	37.11	0.00	1.32	35.79	1396.21
20-Oct-2009	1125	DR	M-SCOPE	35.65	0.00	1.32	34.33	1397.67
14-Jan-2010	1411	DR	M-SCOPE	33.24	0.00	1.32	31.92	1400.08
15-Apr-2010	1053	DR	M-SCOPE	33.27	0.00	1.32	31.95	1400.05
16-Jul-2010	1153	DR	M-SCOPE	36.33	0.00	1.32	35.01	1396.99
20-Oct-2010	1407	DR	M-SCOPE	35.02	0.00	1.32	33.70	1398.30
20-Jan-2011	1556	DR	M-SCOPE	33.50	0.00	1.32	32.18	1399.82
07-Apr-2011	1112	DR	M-SCOPE	32.25	0.00	1.32	30.93	1401.07
21-Jul-2011	1525	DR	M-SCOPE	41.06	0.00	1.32	39.74	1392.26
18-Oct-2011	1045	DR	M-SCOPE	40.45	0.00	1.32	39.13	1392.87
17-Jan-2012	1409	DR	M-SCOPE	38.80	0.00	1.32	37.48	1394.52
01-Mar-2012	1530	DR	M-SCOPE	39.11	0.00	1.32	37.79	1394.21
27-Apr-2012	1352	DR	M-SCOPE	37.90	0.00	1.32	36.58	1395.42
30-Jul-2012	1634	DR	M-SCOPE	46.79	0.00	1.32	45.47	1386.53
19-Oct-2012	1252	DR	M-SCOPE	40.93	0.00	1.32	39.61	1392.39
21-Jan-2013	1148	DR	M-SCOPE	39.69	0.00	1.32	38.37	1393.63
29-Apr-2013	1221	DR	M-SCOPE	39.50	0.00	1.32	38.18	1393.82
26-Jul-2013	1339	DR	M-SCOPE	43.80	0.00	1.32	42.48	1389.52
11-Oct-2013	1559	DR	M-SCOPE	41.31	0.00	1.32	39.99	1392.01
02-Jan-2014	1222	DR	M-SCOPE	38.95	0.00	1.32	37.63	1394.37
25-Apr-2014	1439	DR	M-SCOPE	36.44	0.00	1.32	35.12	1396.88
14-Jul-2014	1520	DR	M-SCOPE	36.13	0.00	1.32	34.81	1397.19
27-Oct-2014	1358	DR	M-SCOPE	37.71	0.00	1.32	36.39	1395.61
09-Jan-2015	1529	DR	M-SCOPE	35.63	0.00	1.32	34.31	1397.69
20-Apr-2015	1340	DR	M-SCOPE	34.01	0.00	1.32	32.69	1399.31
03-Aug-2015	1426	DR	M-SCOPE	36.64	0.00	1.32	35.32	1396.68
30-Oct-2015	1142	DR	M-SCOPE	33.02	0.00	1.32	31.70	1400.30
05-Jan-2016	1649	DR	M-SCOPE	31.61	0.00	1.32	30.29	1401.71
20-Apr-2016	1150	DR	M-SCOPE	32.00	0.00	1.32	30.68	1401.32
25-Jul-2016	1522	DR	M-SCOPE	36.03	0.00	1.32	34.71	1397.29
18-Oct-2016	1230	DR	M-SCOPE	30.15	0.00	1.32	28.83	1403.17

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1530	TB	M-SCOPE	39.10		1.70	37.40	1378.50
20-Nov-2001	1000	TB	M-SCOPE	38.88		1.70	37.18	1378.72
26-Jun-2002	915	TB	M-SCOPE	37.93		1.70	36.23	1379.67
10-Oct-2002	1445	CM	M-SCOPE	42.86		1.70	41.16	1374.74
23-Oct-2002	1250	MTD	M-SCOPE	41.74		1.70	40.04	1375.86
24-Jan-2003	1118	TB	M-SCOPE	39.55	0.00	1.70	37.85	1378.05
28-Apr-2003	1256	TB	M-SCOPE	38.46	0.00	1.70	36.76	1379.14
23-Jul-2003	1237	TB	M-SCOPE	48.36	0.00	1.70	46.66	1369.24
28-Oct-2003	1256	TB	M-SCOPE	42.87	0.00	1.70	41.17	1374.73
23-Jan-2004	919	TB	M-SCOPE	38.84	0.00	1.70	37.14	1378.76
19-Apr-2004	1346	TB	M-SCOPE	38.67	0.00	1.70	36.97	1378.93
22-Jul-2004	1231	TB	M-SCOPE	46.63	0.00	1.70	44.93	1370.97
25-Oct-2004	1336	TB	M-SCOPE	38.94	0.00	1.70	37.24	1378.66
20-Jan-2005	1306	TB	M-SCOPE	38.27	0.00	1.70	36.57	1379.33
07-Apr-2005	1111	TB	M-SCOPE	36.55	0.00	1.70	34.85	1381.05
19-Jul-2005	1339	TB	M-SCOPE	43.08	0.00	1.70	41.38	1374.52
20-Oct-2005	1210	DR	M-SCOPE	39.43	0.00	1.70	37.73	1378.17
18-Jan-2006	1043	DR	M-SCOPE	36.60	0.00	1.70	34.90	1381.00
21-Apr-2006	1538	DR	M-SCOPE	39.51	0.00	1.70	37.81	1378.09
20-Jul-2006	1155	DR	M-SCOPE	49.02	0.00	1.70	47.32	1368.58
24-Oct-2006	1238	DR	M-SCOPE	42.65	0.00	1.70	40.95	1374.95
24-Jan-2007	938	DR	M-SCOPE	41.00	0.00	1.70	39.30	1376.60
10-Apr-2007	1227	DR	M-SCOPE	38.63	0.00	1.70	36.93	1378.97
19-Jul-2007	1206	DR	M-SCOPE	38.58	0.00	1.70	36.88	1379.02
26-Oct-2007	1200	DR	M-SCOPE	41.35	0.00	1.70	39.65	1376.25
11-Jan-2008	1329	DR	M-SCOPE	37.65	0.00	1.70	35.95	1379.95
02-Apr-2008	1233	DR	M-SCOPE	36.21	0.00	1.70	34.51	1381.39
23-Jul-2008	1202	DR	M-SCOPE	42.22	0.00	1.70	40.52	1375.38
24-Oct-08	1651	DR	M-SCOPE	37.47	0.00	1.70	35.77	1380.13
30-Jan-2009	1309	DR	M-SCOPE	35.95	0.00	1.70	34.25	1381.65
09-Apr-2009	1050	DR	M-SCOPE	35.50	0.00	1.70	33.80	1382.10
20-Jul-2009	1350	DR	M-SCOPE	41.66	0.00	1.70	39.96	1375.94
20-Oct-2009	1054	DR	M-SCOPE	36.50	0.00	1.70	34.80	1381.10
14-Jan-2010	1242	DR	M-SCOPE	33.98	0.00	1.70	32.28	1383.62
15-Apr-2010	1023	DR	M-SCOPE	35.11	0.00	1.70	33.41	1382.49
16-Jul-2010	1144	DR	M-SCOPE	36.80	0.00	1.70	35.10	1380.80
20-Oct-2010	1342	DR	M-SCOPE	35.55	0.00	1.70	33.85	1382.05
20-Jan-2011	1607	DR	M-SCOPE	36.43	0.00	1.70	34.73	1381.17
07-Apr-2011	1059	DR	M-SCOPE	33.54	0.00	1.70	31.84	1384.06
21-Jul-2011	1513	DR	M-SCOPE	50.18	0.00	1.70	48.48	1367.42
18-Oct-2011	1036	DR	M-SCOPE	44.09	0.00	1.70	42.39	1373.51
17-Jan-2012	1356	DR	M-SCOPE	38.17	0.00	1.70	36.47	1379.43
01-Mar-2012	1540	DR	M-SCOPE	37.18	0.00	1.70	35.48	1380.42
27-Apr-2012	1412	DR	M-SCOPE	36.27	0.00	1.70	34.57	1381.33
30-Jul-2012	1645	DR	M-SCOPE	52.41	0.00	1.70	50.71	1365.19
19-Oct-2012	1303	DR	M-SCOPE	43.88	0.00	1.70	42.18	1373.72
21-Jan-2013	1137	DR	M-SCOPE	40.09	0.00	1.70	38.39	1377.51
29-Apr-2013	1229	DR	M-SCOPE	39.26	0.00	1.70	37.56	1378.34
25-Jul-2013	1356	DR	M-SCOPE	47.93	0.00	1.70	46.23	1369.67
11-Oct-2013	1633	DR	M-SCOPE	41.07	0.00	1.70	39.37	1376.53
02-Jan-2014	1248	DR	M-SCOPE	37.73	0.00	1.70	36.03	1379.87
25-Apr-2014	1451	DR	M-SCOPE	36.00	0.00	1.70	34.30	1381.60
14-Jul-2014	1454	DR	M-SCOPE	34.64	0.00	1.70	32.94	1382.96
27-Oct-2014	1408	DR	M-SCOPE	36.11	0.00	1.70	34.41	1381.49
08-Jan-2015	1115	DR	M-SCOPE	34.42	0.00	1.70	32.72	1383.18
20-Apr-2015	1404	DR	M-SCOPE	34.02	0.00	1.70	32.32	1383.58
03-Aug-2015	1400	DR	M-SCOPE	38.32	0.00	1.70	36.62	1379.28
30-Oct-2015	1133	DR	M-SCOPE	33.05	0.00	1.70	31.35	1384.55
05-Jan-2016	1553	DR	M-SCOPE	30.69	0.00	1.70	28.99	1386.91
20-Apr-2016	1140	DR	M-SCOPE	34.23	0.00	1.70	32.53	1383.37
25-Jul-2016	1538	DR	M-SCOPE	36.68	0.00	1.70	34.98	1380.92
18-Oct-2016	1435	DR	M-SCOPE	30.38	0.00	1.70	28.68	1387.22

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
23-Oct-2001	1535	TB	M-SCOPE	39.51		2.13	37.38	1378.32
20-Nov-2001	1145	TB	M-SCOPE	39.25		2.13	37.12	1378.58
26-Jun-2002	1135	TB	M-SCOPE	38.33		2.13	36.20	1379.50
10-Oct-2002	1450	CM	M-SCOPE	43.21		2.13	41.08	1374.62
23-Oct-2002	1253	MTD	M-SCOPE	42.10		2.13	39.97	1375.73
24-Jan-2003	1119	TB	M-SCOPE	39.89	0.00	2.13	37.76	1377.94
28-Apr-2003	1256	TB	M-SCOPE	38.79	0.00	2.13	36.66	1379.04
23-Jul-2003	1238	TB	M-SCOPE	48.64	0.00	2.13	46.51	1369.19
28-Oct-2003	1256	TB	M-SCOPE	43.22	0.00	2.13	41.09	1374.61
23-Jan-2004	919	TB	M-SCOPE	39.20	0.00	2.13	37.07	1378.63
19-Apr-2004	1347	TB	M-SCOPE	39.03	0.00	2.13	36.90	1378.80
22-Jul-2004	1231	TB	M-SCOPE	46.98	0.00	2.13	44.85	1370.85
25-Oct-2004	1337	TB	M-SCOPE	39.29	0.00	2.13	37.16	1378.54
20-Jan-2005	1307	TB	M-SCOPE	38.61	0.00	2.13	36.48	1379.22
07-Apr-2005	1112	TB	M-SCOPE	36.87	0.00	2.13	34.74	1380.96
19-Jul-2005	1340	TB	M-SCOPE	43.37	0.00	2.13	41.24	1374.46
20-Oct-2005	1211	DR	M-SCOPE	39.78	0.00	2.13	37.65	1378.05
18-Jan-2006	1044	DR	M-SCOPE	36.94	0.00	2.13	34.81	1380.89
21-Apr-2006	1537	DR	M-SCOPE	39.84	0.00	2.13	37.71	1377.99
20-Jul-2006	1155	DR	M-SCOPE	49.39	0.00	2.13	47.26	1368.44
24-Oct-2006	1238	DR	M-SCOPE	43.01	0.00	2.13	40.88	1374.82
24-Jan-2007	938	DR	M-SCOPE	41.33	0.00	2.13	39.20	1376.50
10-Apr-2007	1227	DR	M-SCOPE	39.00	0.00	2.13	36.87	1378.83
19-Jul-2007	1206	DR	M-SCOPE	38.88	0.00	2.13	36.75	1378.95
26-Oct-2007	1200	DR	M-SCOPE	41.70	0.00	2.13	39.57	1376.13
11-Jan-2008	1329	DR	M-SCOPE	38.03	0.00	2.13	35.90	1379.80
02-Apr-2008	1233	DR	M-SCOPE	36.57	0.00	2.13	34.44	1381.26
23-Jul-2008	1201	DR	M-SCOPE	42.52	0.00	2.13	40.39	1375.31
24-Oct-2008	1651	DR	M-SCOPE	37.82	0.00	2.13	35.69	1380.01
30-Jan-2009	1348	DR	M-SCOPE	36.30	0.00	2.13	34.17	1381.53
09-Apr-2009	1049	DR	M-SCOPE	35.82	0.00	2.13	33.69	1382.01
20-Jul-2009	1349	DR	M-SCOPE	41.94	0.00	2.13	39.81	1375.89
20-Oct-2009	1055	DR	M-SCOPE	36.95	0.00	2.13	34.82	1380.88
14-Jan-2010	1242	DR	M-SCOPE	34.34	0.00	2.13	32.21	1383.49
15-Apr-2010	1023	DR	M-SCOPE	35.43	0.00	2.13	33.30	1382.40
16-Jul-2010	1144	DR	M-SCOPE	37.10	0.00	2.13	34.97	1380.73
20-Oct-2010	1342	DR	M-SCOPE	35.95	0.00	2.13	33.82	1381.88
20-Jan-2011	1607	DR	M-SCOPE	36.81	0.00	2.13	34.68	1381.02
07-Apr-2011	1058	DR	M-SCOPE	33.95	0.00	2.13	31.82	1383.88
21-Jul-2011	1513	DR	M-SCOPE	50.68	0.00	2.13	48.55	1367.15
18-Oct-2011	1036	DR	M-SCOPE	44.46	0.00	2.13	42.33	1373.37
17-Jan-2012	1356	DR	M-SCOPE	38.55	0.00	2.13	36.42	1379.28
01-Mar-2012	1539	DR	M-SCOPE	37.55	0.00	2.13	35.42	1380.28
27-Apr-2012	1412	DR	M-SCOPE	36.57	0.00	2.13	34.44	1381.26
30-Jul-2012	1645	DR	M-SCOPE	52.72	0.00	2.13	50.59	1365.11
19-Oct-2012	1303	DR	M-SCOPE	44.25	0.00	2.13	42.12	1373.58
21-Jan-2013	1137	DR	M-SCOPE	40.51	0.00	2.13	38.38	1377.32
29-Apr-2013	1230	DR	M-SCOPE	40.21	0.00	2.13	38.08	1377.62
25-Jul-2013	1356	DR	M-SCOPE	48.20	0.00	2.13	46.07	1369.63
11-Oct-2013	1633	DR	M-SCOPE	41.44	0.00	2.13	39.31	1376.39
02-Jan-2014	1248	DR	M-SCOPE	38.11	0.00	2.13	35.98	1379.72
25-Apr-2014	1450	DR	M-SCOPE	36.41	0.00	2.13	34.28	1381.42
14-Jul-2014	1454	DR	M-SCOPE	35.08	0.00	2.13	32.95	1382.75
27-Oct-2014	1409	DR	M-SCOPE	36.47	0.00	2.13	34.34	1381.36
08-Jan-2015	1115	DR	M-SCOPE	34.88	0.00	2.13	32.75	1382.95
20-Apr-2015	1405	DR	M-SCOPE	34.41	0.00	2.13	32.28	1383.42
03-Aug-2015	1400	DR	M-SCOPE	38.68	0.00	2.13	36.55	1379.15
30-Oct-2015	1133	DR	M-SCOPE	33.47	0.00	2.13	31.34	1384.36
05-Jan-2016	1554	DR	M-SCOPE	31.06	0.00	2.13	28.93	1386.77
20-Apr-2016	1140	DR	M-SCOPE	34.55	0.00	2.13	32.42	1383.28
25-Jul-2016	1538	DR	M-SCOPE	36.99	0.00	2.13	34.86	1380.84
18-Oct-2016	1434	DR	M-SCOPE	30.76	0.00	2.13	28.63	1387.07

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	940	TB	M-SCOPE	20.95		1.59	19.36	1367.84
16-Nov-2001	1040	TB	M-SCOPE	20.99		1.59	19.40	1367.80
08-Jul-2002	940	TB	M-SCOPE	21.00		1.59	19.41	1367.79
10-Oct-2002	1510	CM	M-SCOPE	21.32		1.59	19.73	1367.47
23-Oct-2002	1303	MTD	M-SCOPE	21.52		1.59	19.93	1367.27
24-Jan-2003	1139	TB	M-SCOPE	21.52	0.00	1.59	19.93	1367.27
28-Apr-2003	1309	TB	M-SCOPE	18.67	0.00	1.59	17.08	1370.12
23-Jul-2003	1249	TB	M-SCOPE	22.29	0.00	1.59	20.70	1366.50
28-Oct-2003	1315	TB	M-SCOPE	20.70	0.00	1.59	19.11	1368.09
23-Jan-2004	903	TB	M-SCOPE	21.14	0.00	1.59	19.55	1367.65
19-Apr-2004	1401	TB	M-SCOPE	19.97	0.00	1.59	18.38	1368.82
22-Jul-2004	1244	TB	M-SCOPE	21.47	0.00	1.59	19.88	1367.32
25-Oct-2004	1353	TB	M-SCOPE	21.23	0.00	1.59	19.64	1367.56
20-Jan-2005	1320	TB	M-SCOPE	20.19	0.00	1.59	18.60	1368.60
07-Apr-2005	1520	TB	M-SCOPE	18.90	0.00	1.59	17.31	1369.89
19-Jul-2005	1355	TB	M-SCOPE	18.21	0.00	1.59	16.62	1370.58
20-Oct-2005	928	DR	M-SCOPE	19.70	0.00	1.59	18.11	1369.09
18-Jan-2006	1056	DR	M-SCOPE	20.07	0.00	1.59	18.48	1368.72
21-Apr-2006	1412	DR	M-SCOPE	20.66	0.00	1.59	19.07	1368.13
20-Jul-2006	1559	DR	M-SCOPE	22.30	0.00	1.59	20.71	1366.49
24-Oct-2006	1249	DR	M-SCOPE	22.44	0.00	1.59	20.85	1366.35
23-Jan-2007	1125	DR	M-SCOPE	21.80	0.00	1.59	20.21	1366.99
10-Apr-2007	1449	DR	M-SCOPE	20.34	0.00	1.59	18.75	1368.45
20-Jul-2007	1205	DR	M-SCOPE	18.30	0.00	1.59	16.71	1370.49
25-Oct-2007	1414	DR	M-SCOPE	21.11	0.00	1.59	19.52	1367.68
11-Jan-2008	1553	DR	M-SCOPE	20.15	0.00	1.59	18.56	1368.64
02-Apr-2008	1248	DR	M-SCOPE	20.00	0.00	1.59	18.41	1368.79
23-Jul-2008	1132	DR	M-SCOPE	20.02	0.00	1.59	18.43	1368.77
24-Oct-2008	1538	DR	M-SCOPE	18.38	0.00	1.59	16.79	1370.41
19-Jan-2009	1115	DR	M-SCOPE	19.57	0.00	1.59	17.98	1369.22
09-Apr-2009	1442	DR	M-SCOPE	19.06	0.00	1.59	17.47	1369.73
20-Jul-2009	1409	DR	M-SCOPE	17.88	0.00	1.59	16.29	1370.91
20-Oct-2009	1108	DR	M-SCOPE	19.09	0.00	1.59	17.50	1369.70
15-Jan-2010	1732	DR	M-SCOPE	19.31	0.00	1.59	17.72	1369.48
15-Apr-2010	1034	DR	M-SCOPE	19.40	0.00	1.59	17.81	1369.39
16-Jul-2010	1133	DR	M-SCOPE	16.11	0.00	1.59	14.52	1372.68
20-Oct-2010	1328	DR	M-SCOPE	20.40	0.00	1.59	18.81	1368.39
21-Jan-2011	1618	DR	M-SCOPE	20.14	0.00	1.59	18.55	1368.65
08-Apr-2011	1619	DR	M-SCOPE	20.33	0.00	1.59	18.74	1368.46
22-Jul-2011	1254	DR	M-SCOPE	22.49	0.00	1.59	20.90	1366.30
18-Oct-2011	1527	DR	M-SCOPE	23.83	0.00	1.59	22.24	1364.96
17-Jan-2012	1622	DR	M-SCOPE	22.35	0.00	1.59	20.76	1366.44
01-Mar-2012	1557	DR	M-SCOPE	21.40	0.00	1.59	19.81	1367.39
27-Apr-2012	1557	DR	M-SCOPE	20.70	0.00	1.59	19.11	1368.09
31-Jul-2012	1540	DR	M-SCOPE	23.80	0.00	1.59	22.21	1364.99
19-Oct-2012	1413	DR	M-SCOPE	24.03	0.00	1.59	22.44	1364.76
21-Jan-2013	1639	DR	M-SCOPE	23.38	0.00	1.59	21.79	1365.41
30-Apr-2013	1619	DR	M-SCOPE	22.18	0.00	1.59	20.59	1366.61
26-Jul-2013	1351	DR	M-SCOPE	22.57	0.00	1.59	20.98	1366.22
11-Oct-2013	1511	DR	M-SCOPE	20.32	0.00	1.59	18.73	1368.47
02-Jan-2014	1350	DR	M-SCOPE	20.45	0.00	1.59	18.86	1368.34
25-Apr-2014	1501	DR	M-SCOPE	21.08	0.00	1.59	19.49	1367.71
15-Jul-2014	1545	DR	M-SCOPE	18.19	0.00	1.59	16.60	1370.60
27-Oct-2014	1428	DR	M-SCOPE	20.70	0.00	1.59	19.11	1368.09
09-Jan-2015	1510	DR	M-SCOPE	20.59	0.00	1.59	19.00	1368.20
20-Apr-2015	1419	DR	M-SCOPE	19.97	0.00	1.59	18.38	1368.82
04-Aug-2015	1449	DR	M-SCOPE	20.00	0.00	1.59	18.41	1368.79
30-Oct-2015	1115	DR	M-SCOPE	20.83	0.00	1.59	19.24	1367.96
05-Jan-2016	1543	DR	M-SCOPE	17.87	0.00	1.59	16.28	1370.92
20-Apr-2016	1122	DR	M-SCOPE	18.22	0.00	1.59	16.63	1370.57
25-Jul-2016	1551	DR	M-SCOPE	16.64	0.00	1.59	15.05	1372.15
18-Oct-2016	1657	DR	M-SCOPE	16.78	0.00	1.59	15.19	1372.01

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	945	TB	M-SCOPE	21.33		1.61	19.72	1367.68
16-Nov-2001	1210	TB	M-SCOPE	21.40		1.61	19.79	1367.61
02-Jul-2002	1200	TB	M-SCOPE	21.50		1.61	19.89	1367.51
10-Oct-2002	1515	CM	M-SCOPE	21.61		1.61	20.00	1367.40
23-Oct-2002	1305	MTD	M-SCOPE	21.97		1.61	20.36	1367.04
24-Jan-2003	1139	TB	M-SCOPE	21.92	0.00	1.61	20.31	1367.09
28-Apr-2003	1310	TB	M-SCOPE	19.07	0.00	1.61	17.46	1369.94
23-Jul-2003	1250	TB	M-SCOPE	22.70	0.00	1.61	21.09	1366.31
28-Oct-2003	1316	TB	M-SCOPE	21.12	0.00	1.61	19.51	1367.89
23-Jan-2004	904	TB	M-SCOPE	21.61	0.00	1.61	20.00	1367.40
19-Apr-2004	1402	TB	M-SCOPE	20.48	0.00	1.61	18.87	1368.53
22-Jul-2004	1244	TB	M-SCOPE	22.02	0.00	1.61	20.41	1366.99
25-Oct-2004	1353	TB	M-SCOPE	21.71	0.00	1.61	20.10	1367.30
20-Jan-2005	1320	TB	M-SCOPE	20.72	0.00	1.61	19.11	1368.29
07-Apr-2005	1520	TB	M-SCOPE	19.50	0.00	1.61	17.89	1369.51
19-Jul-2005	1356	TB	M-SCOPE	18.89	0.00	1.61	17.28	1370.12
20-Oct-2005	929	DR	M-SCOPE	20.42	0.00	1.61	18.81	1368.59
18-Jan-2006	1057	DR	M-SCOPE	20.56	0.00	1.61	18.95	1368.45
21-Apr-2006	1411	DR	M-SCOPE	21.16	0.00	1.61	19.55	1367.85
20-Jul-2006	1559	DR	M-SCOPE	22.75	0.00	1.61	21.14	1366.26
24-Oct-2006	1249	DR	M-SCOPE	22.80	0.00	1.61	21.19	1366.21
23-Jan-2007	1126	DR	M-SCOPE	22.18	0.00	1.61	20.57	1366.83
10-Apr-2007	1450	DR	M-SCOPE	20.82	0.00	1.61	19.21	1368.19
20-Jul-2007	1205	DR	M-SCOPE	19.05	0.00	1.61	17.44	1369.96
25-Oct-2007	1415	DR	M-SCOPE	21.53	0.00	1.61	19.92	1367.48
11-Jan-2008	1553	DR	M-SCOPE	20.52	0.00	1.61	18.91	1368.49
02-Apr-2008	1248	DR	M-SCOPE	20.51	0.00	1.61	18.90	1368.50
23-Jul-2008	1132	DR	M-SCOPE	20.58	0.00	1.61	18.97	1368.43
24-Oct-2008	1538	DR	M-SCOPE	19.09	0.00	1.61	17.48	1369.92
19-Jan-2009	1115	DR	M-SCOPE	20.11	0.00	1.61	18.50	1368.90
09-Apr-2009	1442	DR	M-SCOPE	19.57	0.00	1.61	17.96	1369.44
20-Jul-2009	1409	DR	M-SCOPE	18.70	0.00	1.61	17.09	1370.31
20-Oct-2009	1108	DR	M-SCOPE	19.70	0.00	1.61	18.09	1369.31
15-Jan-2010	1732	DR	M-SCOPE	19.89	0.00	1.61	18.28	1369.12
15-Apr-2010	1034	DR	M-SCOPE	19.95	0.00	1.61	18.34	1369.06
16-Jul-2010	1133	DR	M-SCOPE	16.88	0.00	1.61	15.27	1372.13
20-Oct-2010	1329	DR	M-SCOPE	20.92	0.00	1.61	19.31	1368.09
21-Jan-2011	1617	DR	M-SCOPE	20.69	0.00	1.61	19.08	1368.32
08-Apr-2011	1619	DR	M-SCOPE	20.87	0.00	1.61	19.26	1368.14
22-Jul-2011	1255	DR	M-SCOPE	23.01	0.00	1.61	21.40	1366.00
18-Oct-2011	1527	DR	M-SCOPE	23.58	0.00	1.61	21.97	1365.43
17-Jan-2012	1622	DR	M-SCOPE	22.68	0.00	1.61	21.07	1366.33
01-Mar-2012	1558	DR	M-SCOPE	21.71	0.00	1.61	20.10	1367.30
27-Apr-2012	1558	DR	M-SCOPE	21.21	0.00	1.61	19.60	1367.80
31-Jul-2012	1540	DR	M-SCOPE	24.16	0.00	1.61	22.55	1364.85
19-Oct-2012	1413	DR	M-SCOPE	24.30	0.00	1.61	22.69	1364.71
21-Jan-2013	1640	DR	M-SCOPE	23.65	0.00	1.61	22.04	1365.36
30-Apr-2013	1619	DR	M-SCOPE	22.55	0.00	1.61	20.94	1366.46
26-Jul-2013	1351	DR	M-SCOPE	23.09	0.00	1.61	21.48	1365.92
11-Oct-2013	1511	DR	M-SCOPE	20.85	0.00	1.61	19.24	1368.16
02-Jan-2014	1351	DR	M-SCOPE	20.96	0.00	1.61	19.35	1368.05
25-Apr-2014	1500	DR	M-SCOPE	21.53	0.00	1.61	19.92	1367.48
15-Jul-2014	1544	DR	M-SCOPE	19.00	0.00	1.61	17.39	1370.01
27-Oct-2014	1428	DR	M-SCOPE	21.15	0.00	1.61	19.54	1367.86
09-Jan-2015	1510	DR	M-SCOPE	21.01	0.00	1.61	19.40	1368.00
20-Apr-2015	1419	DR	M-SCOPE	20.43	0.00	1.61	18.82	1368.58
04-Aug-2015	1449	DR	M-SCOPE	20.62	0.00	1.61	19.01	1368.39
30-Oct-2015	1115	DR	M-SCOPE	21.25	0.00	1.61	19.64	1367.76
05-Jan-2016	1543	DR	M-SCOPE	18.57	0.00	1.61	16.96	1370.44
20-Apr-2016	1122	DR	M-SCOPE	19.22	0.00	1.61	17.61	1369.79
25-Jul-2016	1551	DR	M-SCOPE	17.41	0.00	1.61	15.80	1371.60
18-Oct-2016	1657	DR	M-SCOPE	17.60	0.00	1.61	15.99	1371.41

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1025	TB	M-SCOPE	13.80		1.82	11.98	1424.22
05-Dec-2001	1100	TB	M-SCOPE	13.88		1.82	12.06	1424.14
27-Jun-2002	905	TB	M-SCOPE	13.78		1.82	11.96	1424.24
10-Oct-2002	1530	CM	M-SCOPE	15.16		1.82	13.34	1422.86
23-Oct-2002	1349	MTD	M-SCOPE	15.07		1.82	13.25	1422.95
24-Jan-2003	1254	TB	M-SCOPE	14.57	0.00	1.82	12.75	1423.45
28-Apr-2003	1430	TB	M-SCOPE	13.88	0.00	1.82	12.06	1424.14
23-Jul-2003	1349	TB	M-SCOPE	14.41	0.00	1.82	12.59	1423.61
28-Oct-2003	1429	TB	M-SCOPE	14.93	0.00	1.82	13.11	1423.09
23-Jan-2004	1021	TB	M-SCOPE	14.74	0.00	1.82	12.92	1423.28
19-Apr-2004	1514	TB	M-SCOPE	14.01	0.00	1.82	12.19	1424.01
22-Jul-2004	1342	TB	M-SCOPE	13.46	0.00	1.82	11.64	1424.56
25-Oct-2004	1530	TB	M-SCOPE	13.72	0.00	1.82	11.90	1424.30
20-Jan-2005	1455	TB	M-SCOPE	13.00	0.00	1.82	11.18	1425.02
07-Apr-2005	1211	TB	M-SCOPE	12.58	0.00	1.82	10.76	1425.44
19-Jul-2005	1458	TB	M-SCOPE	11.68	0.00	1.82	9.86	1426.34
20-Oct-2005	1301	DR	M-SCOPE	12.88	0.00	1.82	11.06	1425.14
18-Jan-2006	1155	DR	M-SCOPE	13.06	0.00	1.82	11.24	1424.96
21-Apr-2006	1315	DR	M-SCOPE	13.52	0.00	1.82	11.70	1424.50
19-Jul-2006	1358	DR	M-SCOPE	13.87	0.00	1.82	12.05	1424.15
24-Oct-2006	1405	DR	M-SCOPE	14.90	0.00	1.82	13.08	1423.12
23-Jan-2007	1620	DR	M-SCOPE	14.85	0.00	1.82	13.03	1423.17
10-Apr-2007	923	DR	M-SCOPE	14.39	0.00	1.82	12.57	1423.63
19-Jul-2007	1254	DR	M-SCOPE	10.57	0.00	1.82	8.75	1427.45
26-Oct-2007	1241	DR	M-SCOPE	12.48	0.00	1.82	10.66	1425.54
11-Jan-2008	1225	DR	M-SCOPE	12.15	0.00	1.82	10.33	1425.87
02-Apr-2008	1334	DR	M-SCOPE	11.69	0.00	1.82	9.87	1426.33
22-Jul-2008	1420	DR	M-SCOPE	10.62	0.00	1.82	8.80	1427.40
24-Oct-2008	1345	DR	M-SCOPE	11.19	0.00	1.82	9.37	1426.83
19-Jan-2009	1148	DR	M-SCOPE	11.37	0.00	1.82	9.55	1426.65
09-Apr-2009	1153	DR	M-SCOPE	10.82	0.00	1.82	9.00	1427.20
20-Jul-2009	1551	DR	M-SCOPE	10.74	0.00	1.82	8.92	1427.28
20-Oct-2009	1148	DR	M-SCOPE	11.72	0.00	1.82	9.90	1426.30
14-Jan-2010	1338	DR	M-SCOPE	11.51	0.00	1.82	9.69	1426.51
15-Apr-2010	1408	DR	M-SCOPE	11.21	0.00	1.82	9.39	1426.81
16-Jul-2010	1230	DR	M-SCOPE	8.24	0.00	1.82	6.42	1429.78
19-Oct-2010	1622	DR	M-SCOPE	11.01	0.00	1.82	9.19	1427.01
21-Jan-2011	1211	DR	M-SCOPE	11.05	0.00	1.82	9.23	1426.97
07-Apr-2011	1258	DR	M-SCOPE	11.11	0.00	1.82	9.29	1426.91
21-Jul-2011	1602	DR	M-SCOPE	12.82	0.00	1.82	11.00	1425.20
18-Oct-2011	1122	DR	M-SCOPE	14.70	0.00	1.82	12.88	1423.32
17-Jan-2012	1100	DR	M-SCOPE	14.53	0.00	1.82	12.71	1423.49
02-Mar-2012	855	DR	M-SCOPE	14.13	0.00	1.82	12.31	1423.89
27-Apr-2012	1153	DR	M-SCOPE	13.55	0.00	1.82	11.73	1424.47
31-Jul-2012	1434	DR	M-SCOPE	15.00	0.00	1.82	13.18	1423.02
19-Oct-2012	1019	DR	M-SCOPE	16.00	0.00	1.82	14.18	1422.02
21-Jan-2013	1235	DR	M-SCOPE	16.08	0.00	1.82	14.26	1421.94
29-Apr-2013	1534	DR	M-SCOPE	15.88	0.00	1.82	14.06	1422.14
26-Jul-2013	1446	DR	M-SCOPE	15.72	0.00	1.82	13.90	1422.30
10-Oct-2013	1509	DR	M-SCOPE	12.97	0.00	1.82	11.15	1425.05
02-Jan-2014	1306	DR	M-SCOPE	13.27	0.00	1.82	11.45	1424.75
25-Apr-2014	1535	DR	M-SCOPE	13.36	0.00	1.82	11.54	1424.66
15-Jul-2014	1423	DR	M-SCOPE	11.79	0.00	1.82	9.97	1426.23
27-Oct-2014	1331	DR	M-SCOPE	13.80	0.00	1.82	11.98	1424.22
09-Jan-2015	1236	DR	M-SCOPE	13.78	0.00	1.82	11.96	1424.24
20-Apr-2015	1611	DR	M-SCOPE	13.89	0.00	1.82	12.07	1424.13
04-Aug-2015	1042	DR	M-SCOPE	12.86	0.00	1.82	11.04	1425.16
30-Oct-2015	852	DR	M-SCOPE	13.48	0.00	1.82	11.66	1424.54
05-Jan-2016	1442	DR	M-SCOPE	11.98	0.00	1.82	10.16	1426.04
20-Apr-2016	1554	DR	M-SCOPE	11.17	0.00	1.82	9.35	1426.85
25-Jul-2016	1626	DR	M-SCOPE	10.17	0.00	1.82	8.35	1427.85
18-Oct-2016	1506	DR	M-SCOPE	7.98	0.00	1.82	6.16	1430.04

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1030	TB	M-SCOPE	14.25		1.85	12.40	1424.10
05-Dec-2001	1230	TB	M-SCOPE	14.30		1.85	12.45	1424.05
27-Jun-2002	1205	TB	M-SCOPE	14.17		1.85	12.32	1424.18
10-Oct-2002	1535	CM	M-SCOPE	15.51		1.85	13.66	1422.84
23-Oct-2002	1351	MTD	M-SCOPE	15.47		1.85	13.62	1422.88
24-Jan-2003	1255	TB	M-SCOPE	14.94	0.00	1.85	13.09	1423.41
28-Apr-2003	1431	TB	M-SCOPE	14.24	0.00	1.85	12.39	1424.11
23-Jul-2003	1349	TB	M-SCOPE	14.78	0.00	1.85	12.93	1423.57
28-Oct-2003	1430	TB	M-SCOPE	15.29	0.00	1.85	13.44	1423.06
23-Jan-2004	1021	TB	M-SCOPE	15.10	0.00	1.85	13.25	1423.25
19-Apr-2004	1514	TB	M-SCOPE	14.37	0.00	1.85	12.52	1423.98
22-Jul-2004	1342	TB	M-SCOPE	13.83	0.00	1.85	11.98	1424.52
25-Oct-2004	1530	TB	M-SCOPE	14.07	0.00	1.85	12.22	1424.28
20-Jan-2005	1455	TB	M-SCOPE	13.37	0.00	1.85	11.52	1424.98
07-Apr-2005	1211	TB	M-SCOPE	12.94	0.00	1.85	11.09	1425.41
19-Jul-2005	1459	TB	M-SCOPE	12.06	0.00	1.85	10.21	1426.29
20-Oct-2005	1302	DR	M-SCOPE	13.23	0.00	1.85	11.38	1425.12
18-Jan-2006	1156	DR	M-SCOPE	13.39	0.00	1.85	11.54	1424.96
21-Apr-2006	1315	DR	M-SCOPE	13.86	0.00	1.85	12.01	1424.49
19-Jul-2006	1357	DR	M-SCOPE	14.24	0.00	1.85	12.39	1424.11
24-Oct-2006	1405	DR	M-SCOPE	15.22	0.00	1.85	13.37	1423.13
23-Jan-2007	1620	DR	M-SCOPE	15.25	0.00	1.85	13.40	1423.10
10-Apr-2007	923	DR	M-SCOPE	14.80	0.00	1.85	12.95	1423.55
19-Jul-2007	1254	DR	M-SCOPE	10.92	0.00	1.85	9.07	1427.43
26-Oct-2007	1241	DR	M-SCOPE	12.83	0.00	1.85	10.98	1425.52
11-Jan-2008	1225	DR	M-SCOPE	12.50	0.00	1.85	10.65	1425.85
02-Apr-2008	1334	DR	M-SCOPE	12.07	0.00	1.85	10.22	1426.28
22-Jul-2008	1420	DR	M-SCOPE	11.03	0.00	1.85	9.18	1427.32
24-Oct-2008	1344	DR	M-SCOPE	11.60	0.00	1.85	9.75	1426.75
19-Jan-2009	1147	DR	M-SCOPE	11.75	0.00	1.85	9.90	1426.60
09-Apr-2009	1153	DR	M-SCOPE	11.18	0.00	1.85	9.33	1427.17
20-Jul-2009	1551	DR	M-SCOPE	11.13	0.00	1.85	9.28	1427.22
20-Oct-2009	1148	DR	M-SCOPE	12.09	0.00	1.85	10.24	1426.26
14-Jan-2010	1339	DR	M-SCOPE	11.85	0.00	1.85	10.00	1426.50
15-Apr-2010	1408	DR	M-SCOPE	11.55	0.00	1.85	9.70	1426.80
16-Jul-2010	1229	DR	M-SCOPE	8.61	0.00	1.85	6.76	1429.74
19-Oct-2010	1622	DR	M-SCOPE	11.37	0.00	1.85	9.52	1426.98
21-Jan-2011	1211	DR	M-SCOPE	11.41	0.00	1.85	9.56	1426.94
07-Apr-2011	1258	DR	M-SCOPE	11.46	0.00	1.85	9.61	1426.89
21-Jul-2011	1602	DR	M-SCOPE	13.22	0.00	1.85	11.37	1425.13
18-Oct-2011	1122	DR	M-SCOPE	15.08	0.00	1.85	13.23	1423.27
17-Jan-2012	1101	DR	M-SCOPE	14.86	0.00	1.85	13.01	1423.49
02-Mar-2012	855	DR	M-SCOPE	14.51	0.00	1.85	12.66	1423.84
27-Apr-2012	1152	DR	M-SCOPE	13.91	0.00	1.85	12.06	1424.44
31-Jul-2012	1435	DR	M-SCOPE	15.37	0.00	1.85	13.52	1422.98
19-Oct-2012	1020	DR	M-SCOPE	16.37	0.00	1.85	14.52	1421.98
21-Jan-2013	1235	DR	M-SCOPE	16.43	0.00	1.85	14.58	1421.92
29-Apr-2013	1534	DR	M-SCOPE	16.21	0.00	1.85	14.36	1422.14
26-Jul-2013	1446	DR	M-SCOPE	16.10	0.00	1.85	14.25	1422.25
10-Oct-2013	1509	DR	M-SCOPE	13.35	0.00	1.85	11.50	1425.00
02-Jan-2014	1306	DR	M-SCOPE	13.61	0.00	1.85	11.76	1424.74
25-Apr-2014	1534	DR	M-SCOPE	13.70	0.00	1.85	11.85	1424.65
15-Jul-2014	1423	DR	M-SCOPE	12.18	0.00	1.85	10.33	1426.17
27-Oct-2014	1331	DR	M-SCOPE	14.13	0.00	1.85	12.28	1424.22
09-Jan-2015	1237	DR	M-SCOPE	14.14	0.00	1.85	12.29	1424.21
20-Apr-2015	1611	DR	M-SCOPE	14.23	0.00	1.85	12.38	1424.12
04-Aug-2015	1041	DR	M-SCOPE	13.21	0.00	1.85	11.36	1425.14
30-Oct-2015	852	DR	M-SCOPE	13.82	0.00	1.85	11.97	1424.53
05-Jan-2016	1443	DR	M-SCOPE	12.33	0.00	1.85	10.48	1426.02
20-Apr-2016	1554	DR	M-SCOPE	11.53	0.00	1.85	9.68	1426.82
25-Jul-2016	1625	DR	M-SCOPE	10.50	0.00	1.85	8.65	1427.85
18-Oct-2016	1506	DR	M-SCOPE	8.35	0.00	1.85	6.50	1430.00

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1100	TB	M-SCOPE	16.14		1.93	14.21	1408.29
06-Dec-2001	1020	TB	M-SCOPE	16.51		1.93	14.58	1407.92
25-Jun-2002	910	TB	M-SCOPE	16.74		1.93	14.81	1407.69
10-Oct-2002	1545	CM	M-SCOPE	17.60		1.93	15.67	1406.83
23-Oct-2002	1409	MTD	M-SCOPE	17.74		1.93	15.81	1406.69
24-Jan-2003	1238	TB	M-SCOPE	17.92	0.00	1.93	15.99	1406.51
28-Apr-2003	1410	TB	M-SCOPE	17.73	0.00	1.93	15.80	1406.70
23-Jul-2003	1336	TB	M-SCOPE	18.10	0.00	1.93	16.17	1406.33
28-Oct-2003	1415	TB	M-SCOPE	17.80	0.00	1.93	15.87	1406.63
23-Jan-2004	1034	TB	M-SCOPE	18.44	0.00	1.93	16.51	1405.99
19-Apr-2004	1458	TB	M-SCOPE	17.72	0.00	1.93	15.79	1406.71
22-Jul-2004	1329	TB	M-SCOPE	17.33	0.00	1.93	15.40	1407.10
25-Oct-2004	1515	TB	M-SCOPE	17.73	0.00	1.93	15.80	1406.70
20-Jan-2005	1438	TB	M-SCOPE	17.87	0.00	1.93	15.94	1406.56
07-Apr-2005	1221	TB	M-SCOPE	17.72	0.00	1.93	15.79	1406.71
19-Jul-2005	1446	TB	M-SCOPE	15.90	0.00	1.93	13.97	1408.53
20-Oct-2005	1410	DR	M-SCOPE	16.18	0.00	1.93	14.25	1408.25
18-Jan-2006	1145	DR	M-SCOPE	16.50	0.00	1.93	14.57	1407.93
21-Apr-2006	1305	DR	M-SCOPE	17.84	0.00	1.93	15.91	1406.59
20-Jul-2006	1234	DR	M-SCOPE	16.79	0.00	1.93	14.86	1407.64
24-Oct-2006	1354	DR	M-SCOPE	17.60	0.00	1.93	15.67	1406.83
23-Jan-2007	1512	LW	M-SCOPE	18.15	0.00	1.93	16.22	1406.28
10-Apr-2007	1056	DR	M-SCOPE	17.84	0.00	1.93	15.91	1406.59
20-Jul-2007	1138	DR	M-SCOPE	13.70	0.00	1.93	11.77	1410.73
26-Oct-2007	1334	DR	M-SCOPE	15.24	0.00	1.93	13.31	1409.19
11-Jan-2008	1236	DR	M-SCOPE	15.70	0.00	1.93	13.77	1408.73
03-Apr-2008	1126	DR	M-SCOPE	15.38	0.00	1.93	13.45	1409.05
22-Jul-2008	1429	DR	M-SCOPE	13.67	0.00	1.93	11.74	1410.76
24-Oct-2008	1310	DR	M-SCOPE	13.96	0.00	1.93	12.03	1410.47
19-Jan-2009	1242	DR	M-SCOPE	14.19	0.00	1.93	12.26	1410.24
09-Apr-2009	1224	DR	M-SCOPE	14.19	0.00	1.93	12.26	1410.24
21-Jul-2009	1556	DR	M-SCOPE	12.63	0.00	1.93	10.70	1411.80
20-Oct-2009	1256	DR	M-SCOPE	13.34	0.00	1.93	11.41	1411.09
14-Jan-2010	1450	DR	M-SCOPE	13.77	0.00	1.93	11.84	1410.66
15-Apr-2010	1402	DR	M-SCOPE	13.63	0.00	1.93	11.70	1410.80
16-Jul-2010	1259	DR	M-SCOPE	8.45	0.00	1.93	6.52	1415.98
19-Oct-2010	1607	DR	M-SCOPE	11.38	0.00	1.93	9.45	1413.05
21-Jan-2011	1322	DR	M-SCOPE	12.12	0.00	1.93	10.19	1412.31
07-Apr-2011	1533	DR	M-SCOPE	12.44	0.00	1.93	10.51	1411.99
22-Jul-2011	1256	DR	M-SCOPE	17.87	0.00	1.93	15.94	1406.56
18-Oct-2011	1209	DR	M-SCOPE	14.63	0.00	1.93	12.70	1409.80
17-Jan-2012	1115	DR	M-SCOPE	15.28	0.00	1.93	13.35	1409.15
02-Mar-2012	924	DR	M-SCOPE	15.24	0.00	1.93	13.31	1409.19
27-Apr-2012	1251	DR	M-SCOPE	15.04	0.00	1.93	13.11	1409.39
31-Jul-2012	1445	DR	M-SCOPE	16.29	0.00	1.93	14.36	1408.14
19-Oct-2012	1037	DR	M-SCOPE	16.85	0.00	1.93	14.92	1407.58
21-Jan-2013	1247	DR	M-SCOPE	17.23	0.00	1.93	15.30	1407.20
29-Apr-2013	1523	DR	M-SCOPE	17.44	0.00	1.93	15.51	1406.99
26-Jul-2013	1501	DR	M-SCOPE	17.00	0.00	1.93	15.07	1407.43
10-Oct-2013	1522	DR	M-SCOPE	13.23	0.00	1.93	11.30	1411.20
02-Jan-2014	1317	DR	M-SCOPE	14.88	0.00	1.93	12.95	1409.55
25-Apr-2014	1546	DR	M-SCOPE	15.22	0.00	1.93	13.29	1409.21
15-Jul-2014	1435	DR	M-SCOPE	13.81	0.00	1.93	11.88	1410.62
27-Oct-2014	1517	DR	M-SCOPE	14.55	0.00	1.93	12.62	1409.88
09-Jan-2015	1247	DR	M-SCOPE	14.99	0.00	1.93	13.06	1409.44
20-Apr-2015	1625	DR	M-SCOPE	15.32	0.00	1.93	13.39	1409.11
03-Aug-2015	1453	DR	M-SCOPE	13.34	0.00	1.93	11.41	1411.09
30-Oct-2015	924	DR	M-SCOPE	13.47	0.00	1.93	11.54	1410.96
05-Jan-2016	1453	DR	M-SCOPE	12.23	0.00	1.93	10.30	1412.20
20-Apr-2016	958	DR	M-SCOPE	12.77	0.00	1.93	10.84	1411.66
26-Jul-2016	903	DR	M-SCOPE	9.46	0.00	1.93	7.53	1414.97
18-Oct-2016	1453	DR	M-SCOPE	7.73	0.00	1.93	5.80	1416.70

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1105	TB	M-SCOPE	20.10		1.93	18.17	1404.43
06-Dec-2001	1205	TB	M-SCOPE	20.15		1.93	18.22	1404.38
25-Jun-2002	1105	TB	M-SCOPE	19.65		1.93	17.72	1404.88
10-Oct-2002	1550	CM	M-SCOPE	20.75		1.93	18.82	1403.78
23-Oct-2002	1411	MTD	M-SCOPE	21.48		1.93	19.55	1403.05
24-Jan-2003	1239	TB	M-SCOPE	20.94	0.00	1.93	19.01	1403.59
28-Apr-2003	1410	TB	M-SCOPE	20.77	0.00	1.93	18.84	1403.76
23-Jul-2003	1337	TB	M-SCOPE	22.03	0.00	1.93	20.10	1402.50
28-Oct-2003	1415	TB	M-SCOPE	21.24	0.00	1.93	19.31	1403.29
23-Jan-2004	1034	TB	M-SCOPE	21.04	0.00	1.93	19.11	1403.49
19-Apr-2004	1459	TB	M-SCOPE	20.50	0.00	1.93	18.57	1404.03
22-Jul-2004	1329	TB	M-SCOPE	23.16	0.00	1.93	21.23	1401.37
25-Oct-2004	1516	TB	M-SCOPE	22.24	0.00	1.93	20.31	1402.29
20-Jan-2005	1439	TB	M-SCOPE	22.11	0.00	1.93	20.18	1402.42
07-Apr-2005	1222	TB	M-SCOPE	21.73	0.00	1.93	19.80	1402.80
19-Jul-2005	1447	TB	M-SCOPE	20.91	0.00	1.93	18.98	1403.62
20-Oct-2005	1411	DR	M-SCOPE	20.14	0.00	1.93	18.21	1404.39
18-Jan-2006	1145	DR	M-SCOPE	20.37	0.00	1.93	18.44	1404.16
21-Apr-2006	1306	DR	M-SCOPE	21.09	0.00	1.93	19.16	1403.44
20-Jul-2006	1234	DR	M-SCOPE	22.34	0.00	1.93	20.41	1402.19
24-Oct-2006	1354	DR	M-SCOPE	20.50	0.00	1.93	18.57	1404.03
23-Jan-2007	1511	LW	M-SCOPE	22.65	0.00	1.93	20.72	1401.88
10-Apr-2007	1056	DR	M-SCOPE	20.96	0.00	1.93	19.03	1403.57
20-Jul-2007	1138	DR	M-SCOPE	19.08	0.00	1.93	17.15	1405.45
26-Oct-2007	1334	DR	M-SCOPE	18.94	0.00	1.93	17.01	1405.59
11-Jan-2008	1237	DR	M-SCOPE	18.71	0.00	1.93	16.78	1405.82
03-Apr-2008	1126	DR	M-SCOPE	19.80	0.00	1.93	17.87	1404.73
22-Jul-2008	1429	DR	M-SCOPE	18.83	0.00	1.93	16.90	1405.70
24-Oct-2008	1311	DR	M-SCOPE	18.41	0.00	1.93	16.48	1406.12
19-Jan-2009	1242	DR	M-SCOPE	16.83	0.00	1.93	14.90	1407.70
09-Apr-2009	1224	DR	M-SCOPE	18.10	0.00	1.93	16.17	1406.43
21-Jul-2009	1557	DR	M-SCOPE	16.96	0.00	1.93	15.03	1407.57
20-Oct-2009	1256	DR	M-SCOPE	16.13	0.00	1.93	14.20	1408.40
14-Jan-2010	1451	DR	M-SCOPE	17.45	0.00	1.93	15.52	1407.08
15-Apr-2010	1402	DR	M-SCOPE	16.27	0.00	1.93	14.34	1408.26
16-Jul-2010	1300	DR	M-SCOPE	12.80	0.00	1.93	10.87	1411.73
19-Oct-2010	1608	DR	M-SCOPE	14.31	0.00	1.93	12.38	1410.22
21-Jan-2011	1322	DR	M-SCOPE	14.49	0.00	1.93	12.56	1410.04
07-Apr-2011	1534	DR	M-SCOPE	14.73	0.00	1.93	12.80	1409.80
22-Jul-2011	1256	DR	M-SCOPE	22.57	0.00	1.93	20.64	1401.96
18-Oct-2011	1208	DR	M-SCOPE	18.55	0.00	1.93	16.62	1405.98
17-Jan-2012	1115	DR	M-SCOPE	19.14	0.00	1.93	17.21	1405.39
02-Mar-2012	924	DR	M-SCOPE	17.98	0.00	1.93	16.05	1406.55
27-Apr-2012	1251	DR	M-SCOPE	17.40	0.00	1.93	15.47	1407.13
31-Jul-2012	1445	DR	M-SCOPE	21.38	0.00	1.93	19.45	1403.15
19-Oct-2012	1037	DR	M-SCOPE	19.47	0.00	1.93	17.54	1405.06
21-Jan-2013	1247	DR	M-SCOPE	19.68	0.00	1.93	17.75	1404.85
29-Apr-2013	1524	DR	M-SCOPE	19.80	0.00	1.93	17.87	1404.73
26-Jul-2013	1501	DR	M-SCOPE	19.88	0.00	1.93	17.95	1404.65
10-Oct-2013	1523	DR	M-SCOPE	17.15	0.00	1.93	15.22	1407.38
02-Jan-2014	1317	DR	M-SCOPE	17.56	0.00	1.93	15.63	1406.97
25-Apr-2014	1546	DR	M-SCOPE	18.10	0.00	1.93	16.17	1406.43
15-Jul-2014	1435	DR	M-SCOPE	16.99	0.00	1.93	15.06	1407.54
27-Oct-2014	1518	DR	M-SCOPE	17.19	0.00	1.93	15.26	1407.34
09-Jan-2015	1247	DR	M-SCOPE	17.37	0.00	1.93	15.44	1407.16
20-Apr-2015	1624	DR	M-SCOPE	17.50	0.00	1.93	15.57	1407.03
03-Aug-2015	1453	DR	M-SCOPE	15.80	0.00	1.93	13.87	1408.73
30-Oct-2015	924	DR	M-SCOPE	16.07	0.00	1.93	14.14	1408.46
05-Jan-2016	1453	DR	M-SCOPE	14.92	0.00	1.93	12.99	1409.61
20-Apr-2016	958	DR	M-SCOPE	15.13	0.00	1.93	13.20	1409.40
26-Jul-2016	903	DR	M-SCOPE	13.13	0.00	1.93	11.20	1411.40
18-Oct-2016	1453	DR	M-SCOPE	10.77	0.00	1.93	8.84	1413.76

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1140	TB	M-SCOPE	32.51		1.36	31.15	1388.95
07-Dec-2001	1035	TB	M-SCOPE	31.92		1.36	30.56	1389.54
01-Jul-2002	1010	TB	M-SCOPE	32.40		1.36	31.04	1389.06
10-Oct-2002	1610	CM	M-SCOPE	33.39		1.36	32.03	1388.07
22-Oct-2002	942	MTD	M-SCOPE	33.52		1.36	32.16	1387.94
20-Dec-2002	1128	DK	M-SCOPE	33.10	0.00	1.36	31.74	1388.36
24-Jan-2003	1223	TB	M-SCOPE	32.83	0.00	1.36	31.47	1388.63
13-Feb-2003	1141	DK	M-SCOPE	32.75	0.00	1.36	31.39	1388.71
11-Apr-2003	949	DK	M-SCOPE	32.79	0.00	1.36	31.43	1388.67
28-Apr-2003	1346	TB	M-SCOPE	32.59	0.00	1.36	31.23	1388.87
23-Jul-2003	1325	TB	M-SCOPE	34.78	0.00	1.36	33.42	1386.68
28-Oct-2003	1400	TB	M-SCOPE	34.29	0.00	1.36	32.93	1387.17
23-Jan-2004	1049	TB	M-SCOPE	33.50	0.00	1.36	32.14	1387.96
19-Apr-2004	1445	TB	M-SCOPE	32.98	0.00	1.36	31.62	1388.48
22-Jul-2004	1317	TB	M-SCOPE	34.22	0.00	1.36	32.86	1387.24
25-Oct-2004	1448	TB	M-SCOPE	33.44	0.00	1.36	32.08	1388.02
20-Jan-2005	1424	TB	M-SCOPE	32.82	0.00	1.36	31.46	1388.64
07-Apr-2005	1232	TB	M-SCOPE	32.70	0.00	1.36	31.34	1388.76
19-Jul-2005	1433	TB	M-SCOPE	33.33	0.00	1.36	31.97	1388.13
20-Oct-2005	1640	TB	M-SCOPE	32.07	0.00	1.36	30.71	1389.39
18-Jan-2006	1132	DR	M-SCOPE	31.37	0.00	1.36	30.01	1390.09
21-Apr-2006	1330	DR	M-SCOPE	31.13	0.00	1.36	29.77	1390.33
20-Jul-2006	1217	DR	M-SCOPE	33.03	0.00	1.36	31.67	1388.43
24-Oct-2006	1333	DR	M-SCOPE	32.90	0.00	1.36	31.54	1388.56
23-Jan-2007	1455	DR	M-SCOPE	32.68	0.00	1.36	31.32	1388.78
10-Apr-2007	1105	DR	M-SCOPE	32.44	0.00	1.36	31.08	1389.02
20-Jul-2007	1146	DR	M-SCOPE	32.03	0.00	1.36	30.67	1389.43
26-Oct-2007	1343	DR	M-SCOPE	31.63	0.00	1.36	30.27	1389.83
11-Jan-2008	1300	DR	M-SCOPE	31.12	0.00	1.36	29.76	1390.34
03-Apr-2008	1514	DR	M-SCOPE	30.68	0.00	1.36	29.32	1390.78
22-Jul-2008	1440	DR	M-SCOPE	30.64	0.00	1.36	29.28	1390.82
24-Oct-2008	1515	DR	M-SCOPE	30.94	0.00	1.36	29.58	1390.52
20-Jan-2009	1119	DR	M-SCOPE	29.29	0.00	1.36	27.93	1392.17
09-Apr-2009	1240	DR	M-SCOPE	28.68	0.00	1.36	27.32	1392.78
21-Jul-2009	1538	DR	M-SCOPE	29.17	0.00	1.36	27.81	1392.29
20-Oct-2009	1429	DR	M-SCOPE	28.47	0.00	1.36	27.11	1392.99
15-Jan-2010	1400	DR	M-SCOPE	28.28	0.00	1.36	26.92	1393.18
15-Apr-2010	1537	DR	M-SCOPE	27.91	0.00	1.36	26.55	1393.55
16-Jul-2010	1309	DR	M-SCOPE	27.75	0.00	1.36	26.39	1393.71
20-Oct-2010	1241	DR	M-SCOPE	27.40	0.00	1.36	26.04	1394.06
21-Jan-2011	1354	DR	M-SCOPE	26.77	0.00	1.36	25.41	1394.69
08-Apr-2011	1312	DR	M-SCOPE	26.80	0.00	1.36	25.44	1394.66
22-Jul-2011	1256	DR	M-SCOPE	33.21	0.00	1.36	31.85	1388.25
18-Oct-2011	1219	DR	M-SCOPE	30.06	0.00	1.36	28.70	1391.40
17-Jan-2012	1130	DR	M-SCOPE	30.26	0.00	1.36	28.90	1391.20
02-Mar-2012	839	DR	M-SCOPE	29.94	0.00	1.36	28.58	1391.52
27-Apr-2012	1336	DR	M-SCOPE	29.60	0.00	1.36	28.24	1391.86
31-Jul-2012	1624	DR	M-SCOPE	32.09	0.00	1.36	30.73	1389.37
19-Oct-2012	1347	DR	M-SCOPE	32.30	0.00	1.36	30.94	1389.16
22-Jan-2013	902	DR	M-SCOPE	31.90	0.00	1.36	30.54	1389.56
29-Apr-2013	1618	DR	M-SCOPE	31.38	0.00	1.36	30.02	1390.08
26-Jul-2013	1515	DR	M-SCOPE	33.75	0.00	1.36	32.39	1387.71
11-Oct-2013	1540	DR	M-SCOPE	32.41	0.00	1.36	31.05	1389.05
02-Jan-2014	1329	DR	M-SCOPE	31.36	0.00	1.36	30.00	1390.10
25-Apr-2014	1523	DR	M-SCOPE	29.93	0.00	1.36	28.57	1391.53
15-Jul-2014	1519	DR	M-SCOPE	29.08	0.00	1.36	27.72	1392.38
28-Oct-2014	1446	DR	M-SCOPE	29.18	0.00	1.36	27.82	1392.28
09-Jan-2015	1314	DR	M-SCOPE	28.76	0.00	1.36	27.40	1392.70
21-Apr-2015	1523	DR	M-SCOPE	27.75	0.00	1.36	26.39	1393.71
04-Aug-2015	1429	DR	M-SCOPE	27.38	0.00	1.36	26.02	1394.08
30-Oct-2015	935	DR	M-SCOPE	26.77	0.00	1.36	25.41	1394.69
05-Jan-2016	1505	DR	M-SCOPE	26.04	0.00	1.36	24.68	1395.42
20-Apr-2016	1526	DR	M-SCOPE	25.92	0.00	1.36	24.56	1395.54
26-Jul-2016	923	DR	M-SCOPE	25.13	0.00	1.36	23.77	1396.33
18-Oct-2016	1632	DR	M-SCOPE	23.55	0.00	1.36	22.19	1397.91

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1135	TB	M-SCOPE	32.61		1.43	31.18	1388.32
07-Dec-2001	1255	TB	M-SCOPE	32.25		1.43	30.82	1388.68
01-Jul-2002	1220	TB	M-SCOPE	34.01		1.43	32.58	1386.92
10-Oct-2002	1615	CM	M-SCOPE	33.64		1.43	32.21	1387.29
22-Oct-2002	945	MTD	M-SCOPE	34.28		1.43	32.85	1386.65
20-Dec-2002	1133	DK	M-SCOPE	33.30	0.00	1.43	31.87	1387.63
24-Jan-2003	1224	TB	M-SCOPE	33.18	0.00	1.43	31.75	1387.75
13-Feb-2003	1142	DK	M-SCOPE	32.95	0.00	1.43	31.52	1387.98
11-Apr-2003	950	DK	M-SCOPE	33.38	0.00	1.43	31.95	1387.55
28-Apr-2003	1347	TB	M-SCOPE	32.87	0.00	1.43	31.44	1388.06
23-Jul-2003	1326	TB	M-SCOPE	37.75	0.00	1.43	36.32	1383.18
28-Oct-2003	1400	TB	M-SCOPE	34.66	0.00	1.43	33.23	1386.27
23-Jan-2004	1049	TB	M-SCOPE	34.39	0.00	1.43	32.96	1386.54
19-Apr-2004	1445	TB	M-SCOPE	33.13	0.00	1.43	31.70	1387.80
22-Jul-2004	1317	TB	M-SCOPE	37.03	0.00	1.43	35.60	1383.90
25-Oct-2004	1449	TB	M-SCOPE	34.51	0.00	1.43	33.08	1386.42
20-Jan-2005	1425	TB	M-SCOPE	33.37	0.00	1.43	31.94	1387.56
07-Apr-2005	1232	TB	M-SCOPE	33.26	0.00	1.43	31.83	1387.67
19-Jul-2005	1434	TB	M-SCOPE	35.49	0.00	1.43	34.06	1385.44
20-Oct-2005	1641	TB	M-SCOPE	32.20	0.00	1.43	30.77	1388.73
18-Jan-2006	1133	DR	M-SCOPE	31.70	0.00	1.43	30.27	1389.23
21-Apr-2006	1329	DR	M-SCOPE	31.97	0.00	1.43	30.54	1388.96
20-Jul-2006	1217	DR	M-SCOPE	35.29	0.00	1.43	33.86	1385.64
24-Oct-2006	1333	DR	M-SCOPE	33.79	0.00	1.43	32.36	1387.14
23-Jan-2007	1455	DR	M-SCOPE	32.98	0.00	1.43	31.55	1387.95
10-Apr-2007	1105	DR	M-SCOPE	33.49	0.00	1.43	32.06	1387.44
20-Jul-2007	1146	DR	M-SCOPE	34.44	0.00	1.43	33.01	1386.49
26-Oct-2007	1343	DR	M-SCOPE	31.84	0.00	1.43	30.41	1389.09
11-Jan-2008	1300	DR	M-SCOPE	32.22	0.00	1.43	30.79	1388.71
03-Apr-2008	1514	DR	M-SCOPE	31.56	0.00	1.43	30.13	1389.37
22-Jul-2008	1439	DR	M-SCOPE	32.44	0.00	1.43	31.01	1388.49
24-Oct-2008	1514	DR	M-SCOPE	30.86	0.00	1.43	29.43	1390.07
20-Jan-2009	1119	DR	M-SCOPE	29.38	0.00	1.43	27.95	1391.55
09-Apr-2009	1240	DR	M-SCOPE	29.00	0.00	1.43	27.57	1391.93
21-Jul-2009	1539	DR	M-SCOPE	29.63	0.00	1.43	28.20	1391.30
20-Oct-2009	1429	DR	M-SCOPE	28.67	0.00	1.43	27.24	1392.26
15-Jan-2010	1400	DR	M-SCOPE	29.45	0.00	1.43	28.02	1391.48
15-Apr-2010	1537	DR	M-SCOPE	29.05	0.00	1.43	27.62	1391.88
16-Jul-2010	1310	DR	M-SCOPE	29.80	0.00	1.43	28.37	1391.13
20-Oct-2010	1240	DR	M-SCOPE	28.32	0.00	1.43	26.89	1392.61
21-Jan-2011	1354	DR	M-SCOPE	27.24	0.00	1.43	25.81	1393.69
08-Apr-2011	1312	DR	M-SCOPE	27.50	0.00	1.43	26.07	1393.43
22-Jul-2011	1257	DR	M-SCOPE	35.01	0.00	1.43	33.58	1385.92
18-Oct-2011	1219	DR	M-SCOPE	31.51	0.00	1.43	30.08	1389.42
17-Jan-2012	1130	DR	M-SCOPE	31.11	0.00	1.43	29.68	1389.82
02-Mar-2012	839	DR	M-SCOPE	30.17	0.00	1.43	28.74	1390.76
27-Apr-2012	1336	DR	M-SCOPE	29.90	0.00	1.43	28.47	1391.03
31-Jul-2012	1624	DR	M-SCOPE	34.15	0.00	1.43	32.72	1386.78
19-Oct-2012	1348	DR	M-SCOPE	33.35	0.00	1.43	31.92	1387.58
22-Jan-2013	902	DR	M-SCOPE	32.03	0.00	1.43	30.60	1388.90
29-Apr-2013	1619	DR	M-SCOPE	31.65	0.00	1.43	30.22	1389.28
26-Jul-2013	1516	DR	M-SCOPE	35.99	0.00	1.43	34.56	1384.94
11-Oct-2013	1540	DR	M-SCOPE	33.31	0.00	1.43	31.88	1387.62
02-Jan-2014	1329	DR	M-SCOPE	31.37	0.00	1.43	29.94	1389.56
25-Apr-2014	1523	DR	M-SCOPE	29.97	0.00	1.43	28.54	1390.96
15-Jul-2014	1519	DR	M-SCOPE	30.11	0.00	1.43	28.68	1390.82
28-Oct-2014	1446	DR	M-SCOPE	29.38	0.00	1.43	27.95	1391.55
09-Jan-2015	1314	DR	M-SCOPE	28.81	0.00	1.43	27.38	1392.12
21-Apr-2015	1522	DR	M-SCOPE	27.17	0.00	1.43	25.74	1393.76
04-Aug-2015	1429	DR	M-SCOPE	27.39	0.00	1.43	25.96	1393.54
30-Oct-2015	935	DR	M-SCOPE	27.08	0.00	1.43	25.65	1393.85
05-Jan-2016	1505	DR	M-SCOPE	25.90	0.00	1.43	24.47	1395.03
20-Apr-2016	1526	DR	M-SCOPE	25.77	0.00	1.43	24.34	1395.16
26-Jul-2016	922	DR	M-SCOPE	26.68	0.00	1.43	25.25	1394.25
18-Oct-2016	1633	DR	M-SCOPE	24.75	0.00	1.43	23.32	1396.18

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1200	TB	M-SCOPE	24.19		2.02	22.17	1380.83
17-Dec-2001	1035	TB	M-SCOPE	24.48		2.02	22.46	1380.54
02-Jul-2002	930	TB	M-SCOPE	25.68		2.02	23.66	1379.34
10-Oct-2002	1630	CM	M-SCOPE	26.73		2.02	24.71	1378.29
23-Oct-2002	1432	MTD	M-SCOPE	28.52		2.02	26.50	1376.50
24-Jan-2003	1209	TB	M-SCOPE	26.11	0.00	2.02	24.09	1378.91
28-Apr-2003	1333	TB	M-SCOPE	25.90	0.00	2.02	23.88	1379.12
23-Jul-2003	1309	TB	M-SCOPE	28.39	0.00	2.02	26.37	1376.63
28-Oct-2003	1345	TB	M-SCOPE	28.30	0.00	2.02	26.28	1376.72
23-Jan-2004	1102	TB	M-SCOPE	25.65	0.00	2.02	23.63	1379.37
19-Apr-2004	1431	TB	M-SCOPE	25.24	0.00	2.02	23.22	1379.78
22-Jul-2004	1306	TB	M-SCOPE	29.06	0.00	2.02	27.04	1375.96
25-Oct-2004	1418	TB	M-SCOPE	26.05	0.00	2.02	24.03	1378.97
20-Jan-2005	1357	TB	M-SCOPE	27.74	0.00	2.02	25.72	1377.28
07-Apr-2005	1249	TB	M-SCOPE	26.61	0.00	2.02	24.59	1378.41
19-Jul-2005	1421	TB	M-SCOPE	24.21	0.00	2.02	22.19	1380.81
20-Oct-2005	1457	DR	M-SCOPE	24.21	0.00	2.02	22.19	1380.81
18-Jan-2006	1120	DR	M-SCOPE	23.75	0.00	2.02	21.73	1381.27
21-Apr-2006	1351	DR	M-SCOPE	25.65	0.00	2.02	23.63	1379.37
20-Jul-2006	1203	DR	M-SCOPE	26.24	0.00	2.02	24.22	1378.78
24-Oct-2006	1318	DR	M-SCOPE	27.39	0.00	2.02	25.37	1377.63
23-Jan-2007	1448	DR	M-SCOPE	25.98	0.00	2.02	23.96	1379.04
10-Apr-2007	1122	DR	M-SCOPE	25.51	0.00	2.02	23.49	1379.51
19-Jul-2007	1352	DR	M-SCOPE	24.84	0.00	2.02	22.82	1380.18
26-Oct-2007	1543	DR	M-SCOPE	23.88	0.00	2.02	21.86	1381.14
11-Jan-2008	1309	DR	M-SCOPE	24.30	0.00	2.02	22.28	1380.72
02-Apr-2008	1357	DR	M-SCOPE	23.05	0.00	2.02	21.03	1381.97
22-Jul-2008	1452	DR	M-SCOPE	24.23	0.00	2.02	22.21	1380.79
24-Oct-2008	1523	DR	M-SCOPE	21.93	0.00	2.02	19.91	1383.09
19-Jan-2009	1414	DR	M-SCOPE	21.79	0.00	2.02	19.77	1383.23
09-Apr-2009	1403	DR	M-SCOPE	21.41	0.00	2.02	19.39	1383.61
21-Jul-2009	1610	DR	M-SCOPE	22.32	0.00	2.02	20.30	1382.70
20-Oct-2009	1420	DR	M-SCOPE	20.56	0.00	2.02	18.54	1384.46
14-Jan-2010	1437	DR	M-SCOPE	22.89	0.00	2.02	20.87	1382.13
15-Apr-2010	1554	DR	M-SCOPE	21.20	0.00	2.02	19.18	1383.82
16-Jul-2010	1346	DR	M-SCOPE	21.31	0.00	2.02	19.29	1383.71
20-Oct-2010	1258	DR	M-SCOPE	19.89	0.00	2.02	17.87	1385.13
21-Jan-2011	1549	DR	M-SCOPE	21.77	0.00	2.02	19.75	1383.25
08-Apr-2011	1303	DR	M-SCOPE	21.71	0.00	2.02	19.69	1383.31
22-Jul-2011	1257	DR	M-SCOPE	26.71	0.00	2.02	24.69	1378.31
18-Oct-2011	1317	DR	M-SCOPE	26.14	0.00	2.02	24.12	1378.88
17-Jan-2012	1143	DR	M-SCOPE	22.82	0.00	2.02	20.80	1382.20
01-Mar-2012	1623	DR	M-SCOPE	22.73	0.00	2.02	20.71	1382.29
27-Apr-2012	1423	DR	M-SCOPE	22.85	0.00	2.02	20.83	1382.17
31-Jul-2012	1609	DR	M-SCOPE	27.84	0.00	2.02	25.82	1377.18
19-Oct-2012	1336	DR	M-SCOPE	26.34	0.00	2.02	24.32	1378.68
21-Jan-2013	1301	DR	M-SCOPE	24.80	0.00	2.02	22.78	1380.22
29-Apr-2013	1627	DR	M-SCOPE	24.88	0.00	2.02	22.86	1380.14
26-Jul-2013	1526	DR	M-SCOPE	29.76	0.00	2.02	27.74	1375.26
11-Oct-2013	1529	DR	M-SCOPE	23.58	0.00	2.02	21.56	1381.44
02-Jan-2014	1407	DR	M-SCOPE	22.28	0.00	2.02	20.26	1382.74
25-Apr-2014	1558	DR	M-SCOPE	21.48	0.00	2.02	19.46	1383.54
15-Jul-2014	1529	DR	M-SCOPE	20.63	0.00	2.02	18.61	1384.39
28-Oct-2014	1437	DR	M-SCOPE	21.24	0.00	2.02	19.22	1383.78
09-Jan-2015	1322	DR	M-SCOPE	20.38	0.00	2.02	18.36	1384.64
21-Apr-2015	1456	DR	M-SCOPE	19.28	0.00	2.02	17.26	1385.74
03-Aug-2015	1505	DR	M-SCOPE	19.22	0.00	2.02	17.20	1385.80
30-Oct-2015	945	DR	M-SCOPE	18.12	0.00	2.02	16.10	1386.90
05-Jan-2016	1513	DR	M-SCOPE	17.09	0.00	2.02	15.07	1387.93
20-Apr-2016	1508	DR	M-SCOPE	18.03	0.00	2.02	16.01	1386.99
26-Jul-2016	932	DR	M-SCOPE	18.87	0.00	2.02	16.85	1386.15
18-Oct-2016	1354	DR	M-SCOPE	16.09	0.00	2.02	14.07	1388.93

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1205	TB	M-SCOPE	24.02		1.83	22.19	1380.61
17-Dec-2001	1155	TB	M-SCOPE	24.50		1.83	22.67	1380.13
02-Jul-2002	1115	TB	M-SCOPE	25.86		1.83	24.03	1378.77
10-Oct-2002	1635	CM	M-SCOPE	26.95		1.83	25.12	1377.68
23-Oct-2002	1434	MTD	M-SCOPE	28.92		1.83	27.09	1375.71
24-Jan-2003	1209	TB	M-SCOPE	26.36	0.00	1.83	24.53	1378.27
28-Apr-2003	1333	TB	M-SCOPE	26.12	0.00	1.83	24.29	1378.51
23-Jul-2003	1310	TB	M-SCOPE	29.13	0.00	1.83	27.30	1375.50
28-Oct-2003	1346	TB	M-SCOPE	28.62	0.00	1.83	26.79	1376.01
23-Jan-2004	1102	TB	M-SCOPE	25.72	0.00	1.83	23.89	1378.91
19-Apr-2004	1432	TB	M-SCOPE	25.07	0.00	1.83	23.24	1379.56
22-Jul-2004	1307	TB	M-SCOPE	30.33	0.00	1.83	28.50	1374.30
25-Oct-2004	1418	TB	M-SCOPE	26.22	0.00	1.83	24.39	1378.41
20-Jan-2005	1357	TB	M-SCOPE	28.73	0.00	1.83	26.90	1375.90
07-Apr-2005	1250	TB	M-SCOPE	27.13	0.00	1.83	25.30	1377.50
19-Jul-2005	1422	TB	M-SCOPE	24.79	0.00	1.83	22.96	1379.84
20-Oct-2005	1458	DR	M-SCOPE	24.13	0.00	1.83	22.30	1380.50
18-Jan-2006	1121	DR	M-SCOPE	23.81	0.00	1.83	21.98	1380.82
21-Apr-2006	1352	DR	M-SCOPE	26.53	0.00	1.83	24.70	1378.10
20-Jul-2006	1203	DR	M-SCOPE	27.10	0.00	1.83	25.27	1377.53
24-Oct-2006	1319	DR	M-SCOPE	28.13	0.00	1.83	26.30	1376.50
23-Jan-2007	1448	DR	M-SCOPE	26.42	0.00	1.83	24.59	1378.21
10-Apr-2007	1123	DR	M-SCOPE	25.75	0.00	1.83	23.92	1378.88
19-Jul-2007	1353	DR	M-SCOPE	25.60	0.00	1.83	23.77	1379.03
26-Oct-2007	1543	DR	M-SCOPE	23.85	0.00	1.83	22.02	1380.78
11-Jan-2008	1309	DR	M-SCOPE	24.50	0.00	1.83	22.67	1380.13
02-Apr-2008	1357	DR	M-SCOPE	23.21	0.00	1.83	21.38	1381.42
22-Jul-2008	1452	DR	M-SCOPE	24.89	0.00	1.83	23.06	1379.74
24-Oct-2008	1524	DR	M-SCOPE	21.78	0.00	1.83	19.95	1382.85
19-Jan-2009	1414	DR	M-SCOPE	21.85	0.00	1.83	20.02	1382.78
09-Apr-2009	1403	DR	M-SCOPE	21.46	0.00	1.83	19.63	1383.17
21-Jul-2009	1610	DR	M-SCOPE	22.94	0.00	1.83	21.11	1381.69
20-Oct-2009	1420	DR	M-SCOPE	20.43	0.00	1.83	18.60	1384.20
14-Jan-2010	1438	DR	M-SCOPE	23.40	0.00	1.83	21.57	1381.23
15-Apr-2010	1554	DR	M-SCOPE	21.25	0.00	1.83	19.42	1383.38
16-Jul-2010	1346	DR	M-SCOPE	22.50	0.00	1.83	20.67	1382.13
20-Oct-2010	1258	DR	M-SCOPE	20.18	0.00	1.83	18.35	1384.45
21-Jan-2011	1549	DR	M-SCOPE	22.71	0.00	1.83	20.88	1381.92
08-Apr-2011	1303	DR	M-SCOPE	22.00	0.00	1.83	20.17	1382.63
22-Jul-2011	1258	DR	M-SCOPE	28.18	0.00	1.83	26.35	1376.45
18-Oct-2011	1317	DR	M-SCOPE	26.61	0.00	1.83	24.78	1378.02
17-Jan-2012	1143	DR	M-SCOPE	22.40	0.00	1.83	20.57	1382.23
01-Mar-2012	1623	DR	M-SCOPE	22.80	0.00	1.83	20.97	1381.83
27-Apr-2012	1423	DR	M-SCOPE	22.83	0.00	1.83	21.00	1381.80
31-Jul-2012	1610	DR	M-SCOPE	29.40	0.00	1.83	27.57	1375.23
19-Oct-2012	1335	DR	M-SCOPE	26.51	0.00	1.83	24.68	1378.12
21-Jan-2013	1302	DR	M-SCOPE	24.31	0.00	1.83	22.48	1380.32
29-Apr-2013	1627	DR	M-SCOPE	25.02	0.00	1.83	23.19	1379.61
26-Jul-2013	1526	DR	M-SCOPE	30.45	0.00	1.83	28.62	1374.18
11-Oct-2013	1530	DR	M-SCOPE	24.03	0.00	1.83	22.20	1380.60
02-Jan-2014	1408	DR	M-SCOPE	21.96	0.00	1.83	20.13	1382.67
25-Apr-2014	1558	DR	M-SCOPE	21.10	0.00	1.83	19.27	1383.53
15-Jul-2014	1530	DR	M-SCOPE	20.54	0.00	1.83	18.71	1384.09
28-Oct-2014	1438	DR	M-SCOPE	20.98	0.00	1.83	19.15	1383.65
09-Jan-2015	1322	DR	M-SCOPE	19.83	0.00	1.83	18.00	1384.80
21-Apr-2015	1457	DR	M-SCOPE	18.56	0.00	1.83	16.73	1386.07
03-Aug-2015	1506	DR	M-SCOPE	18.98	0.00	1.83	17.15	1385.65
30-Oct-2015	945	DR	M-SCOPE	17.65	0.00	1.83	15.82	1386.98
05-Jan-2016	1513	DR	M-SCOPE	16.61	0.00	1.83	14.78	1388.02
20-Apr-2016	1508	DR	M-SCOPE	17.68	0.00	1.83	15.85	1386.95
26-Jul-2016	932	DR	M-SCOPE	20.17	0.00	1.83	18.34	1384.46
18-Oct-2016	1355	DR	M-SCOPE	16.82	0.00	1.83	14.99	1387.81

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1235	TB	M-SCOPE	20.53		1.57	18.96	1367.74
13-Dec-2001	925	TB	M-SCOPE	19.99		1.57	18.42	1368.28
10-Jul-2002	920	TB	M-SCOPE	23.85		1.57	22.28	1364.42
11-Oct-2002	1100	CM	M-SCOPE	22.46		1.57	20.89	1365.81
23-Oct-2002	1445	MTD	M-SCOPE	22.32		1.57	20.75	1365.95
24-Jan-2003	1155	TB	M-SCOPE	20.90	0.00	1.57	19.33	1367.37
28-Apr-2003	1321	TB	M-SCOPE	17.61	0.00	1.57	16.04	1370.66
23-Jul-2003	1259	TB	M-SCOPE	26.94	0.00	1.57	25.37	1361.33
28-Oct-2003	1333	TB	M-SCOPE	21.31	0.00	1.57	19.74	1366.96
23-Jan-2004	1113	TB	M-SCOPE	20.86	0.00	1.57	19.29	1367.41
19-Apr-2004	1414	TB	M-SCOPE	19.63	0.00	1.57	18.06	1368.64
22-Jul-2004	1254	TB	M-SCOPE	23.22	0.00	1.57	21.65	1365.05
25-Oct-2004	1404	TB	M-SCOPE	20.44	0.00	1.57	18.87	1367.83
20-Jan-2005	1340	TB	M-SCOPE	19.18	0.00	1.57	17.61	1369.09
07-Apr-2005	1300	TB	M-SCOPE	17.88	0.00	1.57	16.31	1370.39
19-Jul-2005	1407	TB	M-SCOPE	18.89	0.00	1.57	17.32	1369.38
20-Oct-2005	1513	DR	M-SCOPE	17.80	0.00	1.57	16.23	1370.47
18-Jan-2006	1107	DR	M-SCOPE	17.70	0.00	1.57	16.13	1370.57
21-Apr-2006	1401	DR	M-SCOPE	19.74	0.00	1.57	18.17	1368.53
20-Jul-2006	1549	DR	M-SCOPE	26.25	0.00	1.57	24.68	1362.02
24-Oct-2006	1305	DR	M-SCOPE	21.19	0.00	1.57	19.62	1367.08
23-Jan-2007	1145	DR	M-SCOPE	20.63	0.00	1.57	19.06	1367.64
10-Apr-2007	1203	DR	M-SCOPE	19.29	0.00	1.57	17.72	1368.98
19-Jul-2007	1401	DR	M-SCOPE	21.64	0.00	1.57	20.07	1366.63
26-Oct-2007	1212	DR	M-SCOPE	19.88	0.00	1.57	18.31	1368.39
11-Jan-2008	1318	DR	M-SCOPE	19.00	0.00	1.57	17.43	1369.27
02-Apr-2008	1407	DR	M-SCOPE	18.54	0.00	1.57	16.97	1369.73
22-Jul-2008	1500	DR	M-SCOPE	17.26	0.00	1.57	15.69	1371.01
24-Oct-2008	1210	DR	M-SCOPE	16.33	0.00	1.57	14.76	1371.94
19-Jan-2009	1424	DR	M-SCOPE	16.82	0.00	1.57	15.25	1371.45
09-Apr-2009	1412	DR	M-SCOPE	16.39	0.00	1.57	14.82	1371.88
20-Jul-2009	1421	DR	M-SCOPE	18.76	0.00	1.57	17.19	1369.51
20-Oct-2009	1402	DR	M-SCOPE	15.94	0.00	1.57	14.37	1372.33
15-Jan-2010	1340	DR	M-SCOPE	16.11	0.00	1.57	14.54	1372.16
15-Apr-2010	1517	DR	M-SCOPE	15.75	0.00	1.57	14.18	1372.52
16-Jul-2010	1357	DR	M-SCOPE	12.93	0.00	1.57	11.36	1375.34
20-Oct-2010	1313	DR	M-SCOPE	17.17	0.00	1.57	15.60	1371.10
21-Jan-2011	1604	DR	M-SCOPE	16.52	0.00	1.57	14.95	1371.75
08-Apr-2011	1251	DR	M-SCOPE	16.67	0.00	1.57	15.10	1371.60
22-Jul-2011	1258	DR	M-SCOPE	26.17	0.00	1.57	24.60	1362.10
19-Oct-2011	1622	DR	M-SCOPE	22.20	0.00	1.57	20.63	1366.07
17-Jan-2012	1153	DR	M-SCOPE	20.84	0.00	1.57	19.27	1367.43
01-Mar-2012	1605	DR	M-SCOPE	19.29	0.00	1.57	17.72	1368.98
27-Apr-2012	1527	DR	M-SCOPE	17.95	0.00	1.57	16.38	1370.32
31-Jul-2012	1554	DR	M-SCOPE	26.98	0.00	1.57	25.41	1361.29
19-Oct-2012	1318	DR	M-SCOPE	22.78	0.00	1.57	21.21	1365.49
21-Jan-2013	1619	DR	M-SCOPE	21.77	0.00	1.57	20.20	1366.50
30-Apr-2013	1600	DR	M-SCOPE	20.89	0.00	1.57	19.32	1367.38
26-Jul-2013	1541	DR	M-SCOPE	23.30	0.00	1.57	21.73	1364.97
11-Oct-2013	1519	DR	M-SCOPE	19.43	0.00	1.57	17.86	1368.84
02-Jan-2014	1357	DR	M-SCOPE	18.63	0.00	1.57	17.06	1369.64
25-Apr-2014	1609	DR	M-SCOPE	19.23	0.00	1.57	17.66	1369.04
15-Jul-2014	1556	DR	M-SCOPE	15.85	0.00	1.57	14.28	1372.42
28-Oct-2014	1426	DR	M-SCOPE	18.84	0.00	1.57	17.27	1369.43
09-Jan-2015	1454	DR	M-SCOPE	18.38	0.00	1.57	16.81	1369.89
21-Apr-2015	1508	DR	M-SCOPE	18.08	0.00	1.57	16.51	1370.19
03-Aug-2015	1515	DR	M-SCOPE	18.17	0.00	1.57	16.60	1370.10
30-Oct-2015	954	DR	M-SCOPE	17.11	0.00	1.57	15.54	1371.16
05-Jan-2016	1522	DR	M-SCOPE	13.51	0.00	1.57	11.94	1374.76
20-Apr-2016	1111	DR	M-SCOPE	14.26	0.00	1.57	12.69	1374.01
26-Jul-2016	942	DR	M-SCOPE	12.72	0.00	1.57	11.15	1375.55
18-Oct-2016	1337	DR	M-SCOPE	10.43	0.00	1.57	8.86	1377.84

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1240	TB	M-SCOPE	21.00		1.48	19.52	1367.18
13-Dec-2001	1040	TB	M-SCOPE	20.44		1.48	18.96	1367.74
10-Jul-2002	1110	TB	M-SCOPE	24.54		1.48	23.06	1363.64
11-Oct-2002	1105	CM	M-SCOPE	22.87		1.48	21.39	1365.31
23-Oct-2002	1447	MTD	M-SCOPE	22.70		1.48	21.22	1365.48
24-Jan-2003	1156	TB	M-SCOPE	21.37	0.00	1.48	19.89	1366.81
28-Apr-2003	1322	TB	M-SCOPE	17.89	0.00	1.48	16.41	1370.29
23-Jul-2003	1259	TB	M-SCOPE	27.41	0.00	1.48	25.93	1360.77
28-Oct-2003	1333	TB	M-SCOPE	21.64	0.00	1.48	20.16	1366.54
23-Jan-2004	1114	TB	M-SCOPE	21.33	0.00	1.48	19.85	1366.85
19-Apr-2004	1415	TB	M-SCOPE	20.06	0.00	1.48	18.58	1368.12
22-Jul-2004	1254	TB	M-SCOPE	24.04	0.00	1.48	22.56	1364.14
25-Oct-2004	1405	TB	M-SCOPE	20.95	0.00	1.48	19.47	1367.23
20-Jan-2005	1340	TB	M-SCOPE	19.79	0.00	1.48	18.31	1368.39
07-Apr-2005	1301	TB	M-SCOPE	18.44	0.00	1.48	16.96	1369.74
19-Jul-2005	1408	TB	M-SCOPE	21.26	0.00	1.48	19.78	1366.92
20-Oct-2005	1514	DR	M-SCOPE	18.36	0.00	1.48	16.88	1369.82
18-Jan-2006	1107	DR	M-SCOPE	18.31	0.00	1.48	16.83	1369.87
21-Apr-2006	1401	DR	M-SCOPE	20.40	0.00	1.48	18.92	1367.78
20-Jul-2006	1549	DR	M-SCOPE	29.30	0.00	1.48	27.82	1358.88
24-Oct-2006	1306	DR	M-SCOPE	21.74	0.00	1.48	20.26	1366.44
23-Jan-2007	1145	DR	M-SCOPE	21.18	0.00	1.48	19.70	1367.00
10-Apr-2007	1203	DR	M-SCOPE	19.85	0.00	1.48	18.37	1368.33
19-Jul-2007	1401	DR	M-SCOPE	24.17	0.00	1.48	22.69	1364.01
26-Oct-2007	1212	DR	M-SCOPE	20.38	0.00	1.48	18.90	1367.80
11-Jan-2008	1318	DR	M-SCOPE	19.57	0.00	1.48	18.09	1368.61
02-Apr-2008	1407	DR	M-SCOPE	19.15	0.00	1.48	17.67	1369.03
22-Jul-2008	1501	DR	M-SCOPE	18.03	0.00	1.48	16.55	1370.15
24-Oct-2008	1210	DR	M-SCOPE	16.90	0.00	1.48	15.42	1371.28
19-Jan-2009	1424	DR	M-SCOPE	17.57	0.00	1.48	16.09	1370.61
09-Apr-2009	1413	DR	M-SCOPE	17.13	0.00	1.48	15.65	1371.05
20-Jul-2009	1421	DR	M-SCOPE	19.10	0.00	1.48	17.62	1369.08
20-Oct-2009	1403	DR	M-SCOPE	16.69	0.00	1.48	15.21	1371.49
15-Jan-2010	1340	DR	M-SCOPE	16.88	0.00	1.48	15.40	1371.30
15-Apr-2010	1518	DR	M-SCOPE	16.59	0.00	1.48	15.11	1371.59
16-Jul-2010	1357	DR	M-SCOPE	13.85	0.00	1.48	12.37	1374.33
20-Oct-2010	1313	DR	M-SCOPE	17.91	0.00	1.48	16.43	1370.27
21-Jan-2011	1604	DR	M-SCOPE	17.35	0.00	1.48	15.87	1370.83
08-Apr-2011	1252	DR	M-SCOPE	17.50	0.00	1.48	16.02	1370.68
22-Jul-2011	1259	DR	M-SCOPE	29.32	0.00	1.48	27.84	1358.86
19-Oct-2011	1622	DR	M-SCOPE	22.77	0.00	1.48	21.29	1365.41
17-Jan-2012	1153	DR	M-SCOPE	21.45	0.00	1.48	19.97	1366.73
01-Mar-2012	1606	DR	M-SCOPE	19.99	0.00	1.48	18.51	1368.19
27-Apr-2012	1527	DR	M-SCOPE	18.75	0.00	1.48	17.27	1369.43
31-Jul-2012	1554	DR	M-SCOPE	27.47	0.00	1.48	25.99	1360.71
19-Oct-2012	1318	DR	M-SCOPE	23.41	0.00	1.48	21.93	1364.77
21-Jan-2013	1619	DR	M-SCOPE	22.40	0.00	1.48	20.92	1365.78
30-Apr-2013	1600	DR	M-SCOPE	21.51	0.00	1.48	20.03	1366.67
26-Jul-2013	1542	DR	M-SCOPE	23.88	0.00	1.48	22.40	1364.30
11-Oct-2013	1519	DR	M-SCOPE	19.94	0.00	1.48	18.46	1368.24
02-Jan-2014	1358	DR	M-SCOPE	19.24	0.00	1.48	17.76	1368.94
25-Apr-2014	1609	DR	M-SCOPE	19.88	0.00	1.48	18.40	1368.30
15-Jul-2014	1556	DR	M-SCOPE	16.77	0.00	1.48	15.29	1371.41
28-Oct-2014	1427	DR	M-SCOPE	19.55	0.00	1.48	18.07	1368.63
09-Jan-2015	1454	DR	M-SCOPE	19.14	0.00	1.48	17.66	1369.04
21-Apr-2015	1508	DR	M-SCOPE	18.85	0.00	1.48	17.37	1369.33
03-Aug-2015	1515	DR	M-SCOPE	18.94	0.00	1.48	17.46	1369.24
30-Oct-2015	954	DR	M-SCOPE	17.93	0.00	1.48	16.45	1370.25
05-Jan-2016	1522	DR	M-SCOPE	14.57	0.00	1.48	13.09	1373.61
20-Apr-2016	1112	DR	M-SCOPE	15.08	0.00	1.48	13.60	1373.10
26-Jul-2016	942	DR	M-SCOPE	14.08	0.00	1.48	12.60	1374.10
18-Oct-2016	1337	DR	M-SCOPE	11.53	0.00	1.48	10.05	1376.65

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1120	TB	M-SCOPE	10.78		1.66	9.12	1422.88
25-Mar-2002	955	TB	M-SCOPE	10.85		1.66	9.19	1422.81
15-Jul-2002	945	TB	M-SCOPE	11.55		1.66	9.89	1422.11
11-Oct-2002	1115	CM	M-SCOPE	12.21		1.66	10.55	1421.45
31-Oct-2002	1131	TDB	M-SCOPE	11.69		1.66	10.03	1421.97
24-Jan-2003	1309	TB	M-SCOPE	11.17	0.00	1.66	9.51	1422.49
28-Apr-2003	1441	TB	M-SCOPE	10.35	0.00	1.66	8.69	1423.31
23-Jul-2003	1359	TB	M-SCOPE	12.22	0.00	1.66	10.56	1421.44
28-Oct-2003	1442	TB	M-SCOPE	12.18	0.00	1.66	10.52	1421.48
23-Jan-2004	1235	TB	M-SCOPE	11.62	0.00	1.66	9.96	1422.04
19-Apr-2004	1525	TB	M-SCOPE	10.76	0.00	1.66	9.10	1422.90
22-Jul-2004	1356	TB	M-SCOPE	10.43	0.00	1.66	8.77	1423.23
25-Oct-2004	1543	TB	M-SCOPE	10.19	0.00	1.66	8.53	1423.47
20-Jan-2005	1507	TB	M-SCOPE	9.34	0.00	1.66	7.68	1424.32
07-Apr-2005	1339	TB	M-SCOPE	9.02	0.00	1.66	7.36	1424.64
19-Jul-2005	1526	TB	M-SCOPE	8.46	0.00	1.66	6.80	1425.20
20-Oct-2005	1344	DR	M-SCOPE	8.67	0.00	1.66	7.01	1424.99
18-Jan-2006	1206	DR	M-SCOPE	9.45	0.00	1.66	7.79	1424.21
21-Apr-2006	1133	DR	M-SCOPE	10.04	0.00	1.66	8.38	1423.62
19-Jul-2006	1408	DR	M-SCOPE	11.18	0.00	1.66	9.52	1422.48
24-Oct-2006	1414	DR	M-SCOPE	12.55	0.00	1.66	10.89	1421.11
23-Jan-2007	1613	DR	M-SCOPE	11.80	0.00	1.66	10.14	1421.86
10-Apr-2007	913	DR	M-SCOPE	11.07	0.00	1.66	9.41	1422.59
19-Jul-2007	1306	DR	M-SCOPE	7.70	0.00	1.66	6.04	1425.96
26-Oct-2007	1250	DR	M-SCOPE	9.64	0.00	1.66	7.98	1424.02
11-Jan-2008	1217	DR	M-SCOPE	9.37	0.00	1.66	7.71	1424.29
02-Apr-2008	1508	DR	M-SCOPE	8.65	0.00	1.66	6.99	1425.01
21-Jul-2008	1252	DR	M-SCOPE	8.34	0.00	1.66	6.68	1425.32
21-Oct-2008	1203	TR	M-SCOPE	8.08	0.00	1.66	6.42	1425.58
19-Jan-2009	1156	DR	M-SCOPE	8.48	0.00	1.66	6.82	1425.18
09-Apr-2009	1202	DR	M-SCOPE	8.11	0.00	1.66	6.45	1425.55
20-Jul-2009	1532	DR	M-SCOPE	8.64	0.00	1.66	6.98	1425.02
20-Oct-2009	1230	DR	M-SCOPE	9.10	0.00	1.66	7.44	1424.56
14-Jan-2010	1348	DR	M-SCOPE	10.09	0.00	1.66	8.43	1423.57
15-Apr-2010	1211	DR	M-SCOPE	8.98	0.00	1.66	7.32	1424.68
16-Jul-2010	1238	DR	M-SCOPE	6.02	0.00	1.66	4.36	1427.64
19-Oct-2010	923	DR	M-SCOPE	9.12	0.00	1.66	7.46	1424.54
21-Jan-2011	1202	DR	M-SCOPE	9.37	0.00	1.66	7.71	1424.29
07-Apr-2011	1324	DR	M-SCOPE	8.77	0.00	1.66	7.11	1424.89
21-Jul-2011	1610	DR	M-SCOPE	11.31	0.00	1.66	9.65	1422.35
18-Oct-2011	1129	DR	M-SCOPE	13.00	0.00	1.66	11.34	1420.66
17-Jan-2012	1040	DR	M-SCOPE	12.67	0.00	1.66	11.01	1420.99
02-Mar-2012	903	DR	M-SCOPE	11.55	0.00	1.66	9.89	1422.11
27-Apr-2012	1144	DR	M-SCOPE	11.27	0.00	1.66	9.61	1422.39
31-Jul-2012	1425	DR	M-SCOPE	13.13	0.00	1.66	11.47	1420.53
19-Oct-2012	1006	DR	M-SCOPE	14.13	0.00	1.66	12.47	1419.53
21-Jan-2013	1433	DR	M-SCOPE	13.92	0.00	1.66	12.26	1419.74
29-Apr-2013	1435	DR	M-SCOPE	13.38	0.00	1.66	11.72	1420.28
26-Jul-2013	1247	DR	M-SCOPE	13.25	0.00	1.66	11.59	1420.41
10-Oct-2013	1215	DR	M-SCOPE	9.82	0.00	1.66	8.16	1423.84
02-Jan-2014	1424	DR	M-SCOPE	10.32	0.00	1.66	8.66	1423.34
25-Apr-2014	1118	DR	M-SCOPE	10.24	0.00	1.66	8.58	1423.42
15-Jul-2014	1412	DR	M-SCOPE	9.03	0.00	1.66	7.37	1424.63
27-Oct-2014	1531	DR	M-SCOPE	11.75	0.00	1.66	10.09	1421.91
09-Jan-2015	1230	DR	M-SCOPE	11.14	0.00	1.66	9.48	1422.52
20-Apr-2015	1532	DR	M-SCOPE	11.00	0.00	1.66	9.34	1422.66
03-Aug-2015	1610	DR	M-SCOPE	10.08	0.00	1.66	8.42	1423.58
29-Oct-2015	1307	DR	M-SCOPE	10.71	0.00	1.66	9.05	1422.95
04-Jan-2016	1528	DR	M-SCOPE	8.62	0.00	1.66	6.96	1425.04
20-Apr-2016	931	DR	M-SCOPE	7.78	0.00	1.66	6.12	1425.88
26-Jul-2016	1237	DR	M-SCOPE	7.18	0.00	1.66	5.52	1426.48
18-Oct-2016	1251	DR	M-SCOPE	5.07	0.00	1.66	3.41	1428.59

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1125	TB	M-SCOPE	10.62		1.50	9.12	1422.98
25-Mar-2002	1105	TB	M-SCOPE	10.70		1.50	9.20	1422.90
15-Jul-2002	1135	TB	M-SCOPE	11.41		1.50	9.91	1422.19
11-Oct-2002	1120	CM	M-SCOPE	12.09		1.50	10.59	1421.51
31-Oct-2002	1132	TDB	M-SCOPE	11.57		1.50	10.07	1422.03
24-Jan-2003	1309	TB	M-SCOPE	11.03	0.00	1.50	9.53	1422.57
28-Apr-2003	1442	TB	M-SCOPE	10.20	0.00	1.50	8.70	1423.40
23-Jul-2003	1359	TB	M-SCOPE	12.09	0.00	1.50	10.59	1421.51
28-Oct-2003	1443	TB	M-SCOPE	12.05	0.00	1.50	10.55	1421.55
23-Jan-2004	1236	TB	M-SCOPE	11.48	0.00	1.50	9.98	1422.12
19-Apr-2004	1525	TB	M-SCOPE	10.61	0.00	1.50	9.11	1422.99
22-Jul-2004	1356	TB	M-SCOPE	10.29	0.00	1.50	8.79	1423.31
25-Oct-2004	1543	TB	M-SCOPE	10.05	0.00	1.50	8.55	1423.55
20-Jan-2005	1508	TB	M-SCOPE	9.19	0.00	1.50	7.69	1424.41
07-Apr-2005	1340	TB	M-SCOPE	8.86	0.00	1.50	7.36	1424.74
19-Jul-2005	1527	TB	M-SCOPE	8.30	0.00	1.50	6.80	1425.30
20-Oct-2005	1345	DR	M-SCOPE	8.47	0.00	1.50	6.97	1425.13
18-Jan-2006	1206	DR	M-SCOPE	9.30	0.00	1.50	7.80	1424.30
21-Apr-2006	1133	DR	M-SCOPE	9.89	0.00	1.50	8.39	1423.71
19-Jul-2006	1408	DR	M-SCOPE	11.05	0.00	1.50	9.55	1422.55
24-Oct-2006	1415	DR	M-SCOPE	12.70	0.00	1.50	11.20	1420.90
23-Jan-2007	1612	DR	M-SCOPE	11.65	0.00	1.50	10.15	1421.95
10-Apr-2007	912	DR	M-SCOPE	10.92	0.00	1.50	9.42	1422.68
19-Jul-2007	1307	DR	M-SCOPE	7.50	0.00	1.50	6.00	1426.10
26-Oct-2007	1250	DR	M-SCOPE	9.50	0.00	1.50	8.00	1424.10
11-Jan-2008	1217	DR	M-SCOPE	9.25	0.00	1.50	7.75	1424.35
02-Apr-2008	1509	DR	M-SCOPE	8.50	0.00	1.50	7.00	1425.10
21-Jul-2008	1251	DR	M-SCOPE	8.15	0.00	1.50	6.65	1425.45
21-Oct-2008	1202	TR	M-SCOPE	7.90	0.00	1.50	6.40	1425.70
19-Jan-2009	1156	DR	M-SCOPE	8.31	0.00	1.50	6.81	1425.29
09-Apr-2009	1202	DR	M-SCOPE	7.95	0.00	1.50	6.45	1425.65
20-Jul-2009	1532	DR	M-SCOPE	8.45	0.00	1.50	6.95	1425.15
20-Oct-2009	1230	DR	M-SCOPE	8.91	0.00	1.50	7.41	1424.69
14-Jan-2010	1348	DR	M-SCOPE	9.90	0.00	1.50	8.40	1423.70
15-Apr-2010	1212	DR	M-SCOPE	8.79	0.00	1.50	7.29	1424.81
16-Jul-2010	1238	DR	M-SCOPE	5.86	0.00	1.50	4.36	1427.74
19-Oct-2010	923	DR	M-SCOPE	8.99	0.00	1.50	7.49	1424.61
21-Jan-2011	1202	DR	M-SCOPE	9.25	0.00	1.50	7.75	1424.35
07-Apr-2011	1324	DR	M-SCOPE	8.64	0.00	1.50	7.14	1424.96
21-Jul-2011	1611	DR	M-SCOPE	11.19	0.00	1.50	9.69	1422.41
18-Oct-2011	1129	DR	M-SCOPE	12.89	0.00	1.50	11.39	1420.71
17-Jan-2012	1040	DR	M-SCOPE	12.52	0.00	1.50	11.02	1421.08
02-Mar-2012	903	DR	M-SCOPE	11.43	0.00	1.50	9.93	1422.17
27-Apr-2012	1145	DR	M-SCOPE	11.17	0.00	1.50	9.67	1422.43
31-Jul-2012	1425	DR	M-SCOPE	12.99	0.00	1.50	11.49	1420.61
19-Oct-2012	1006	DR	M-SCOPE	14.00	0.00	1.50	12.50	1419.60
21-Jan-2013	1434	DR	M-SCOPE	13.77	0.00	1.50	12.27	1419.83
29-Apr-2013	1436	DR	M-SCOPE	13.26	0.00	1.50	11.76	1420.34
26-Jul-2013	1247	DR	M-SCOPE	13.16	0.00	1.50	11.66	1420.44
10-Oct-2013	1216	DR	M-SCOPE	9.65	0.00	1.50	8.15	1423.95
02-Jan-2014	1424	DR	M-SCOPE	10.18	0.00	1.50	8.68	1423.42
25-Apr-2014	1118	DR	M-SCOPE	10.09	0.00	1.50	8.59	1423.51
15-Jul-2014	1412	DR	M-SCOPE	8.88	0.00	1.50	7.38	1424.72
27-Oct-2014	1531	DR	M-SCOPE	11.63	0.00	1.50	10.13	1421.97
09-Jan-2015	1230	DR	M-SCOPE	11.00	0.00	1.50	9.50	1422.60
20-Apr-2015	1533	DR	M-SCOPE	10.87	0.00	1.50	9.37	1422.73
03-Aug-2015	1610	DR	M-SCOPE	9.96	0.00	1.50	8.46	1423.64
29-Oct-2015	1308	DR	M-SCOPE	10.54	0.00	1.50	9.04	1423.06
04-Jan-2016	1527	DR	M-SCOPE	8.47	0.00	1.50	6.97	1425.13
20-Apr-2016	931	DR	M-SCOPE	7.63	0.00	1.50	6.13	1425.97
26-Jul-2016	1237	DR	M-SCOPE	7.00	0.00	1.50	5.50	1426.60
18-Oct-2016	1251	DR	M-SCOPE	4.88	0.00	1.50	3.38	1428.72

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1105	TB	M-SCOPE	13.38		1.79	11.59	1407.81
27-Mar-2002	1215	TB	M-SCOPE	13.27		1.79	11.48	1407.92
01-Jul-2002	1225	TB	M-SCOPE	14.37		1.79	12.58	1406.82
15-Oct-2002	1040	CM	M-SCOPE	15.32		1.79	13.53	1405.87
31-Oct-2002	1112	TDB	M-SCOPE	14.80		1.79	13.01	1406.19
24-Jan-2003	1321	TB	M-SCOPE	14.46	0.00	1.79	12.67	1406.53
28-Apr-2003	1453	TB	M-SCOPE	13.65	0.00	1.79	11.86	1407.34
23-Jul-2003	1409	TB	M-SCOPE	16.64	0.00	1.79	14.85	1404.35
28-Oct-2003	1456	TB	M-SCOPE	15.46	0.00	1.79	13.67	1405.53
23-Jan-2004	1223	TB	M-SCOPE	15.04	0.00	1.79	13.25	1405.95
20-Apr-2004	1020	TB	M-SCOPE	14.35	0.00	1.79	12.56	1406.64
22-Jul-2004	1408	TB	M-SCOPE	15.04	0.00	1.79	13.25	1405.95
25-Oct-2004	1556	TB	M-SCOPE	14.17	0.00	1.79	12.38	1406.82
20-Jan-2005	1521	TB	M-SCOPE	13.60	0.00	1.79	11.81	1407.39
07-Apr-2005	1330	TB	M-SCOPE	13.20	0.00	1.79	11.41	1407.79
19-Jul-2005	1536	TB	M-SCOPE	12.75	0.00	1.79	10.96	1408.24
20-Oct-2005	1357	DR	M-SCOPE	11.75	0.00	1.79	9.96	1409.24
18-Jan-2006	1216	DR	M-SCOPE	12.15	0.00	1.79	10.36	1408.84
21-Apr-2006	1141	DR	M-SCOPE	12.99	0.00	1.79	11.20	1408.00
20-Jul-2006	1244	DR	M-SCOPE	14.29	0.00	1.79	12.50	1406.70
24-Oct-2006	1450	DR	M-SCOPE	14.60	0.00	1.79	12.81	1406.39
23-Jan-2007	1520	DR	M-SCOPE	14.72	0.00	1.79	12.93	1406.27
10-Apr-2007	1047	DR	M-SCOPE	14.34	0.00	1.79	12.55	1406.65
19-Jul-2007	1511	DR	M-SCOPE	11.02	0.00	1.79	9.23	1409.97
26-Oct-2007	1325	DR	M-SCOPE	12.50	0.00	1.79	10.71	1408.49
11-Jan-2008	1203	DR	M-SCOPE	12.58	0.00	1.79	10.79	1408.41
02-Apr-2008	1455	DR	M-SCOPE	12.17	0.00	1.79	10.38	1408.82
21-Jul-2008	1302	DR	M-SCOPE	11.51	0.00	1.79	9.72	1409.48
21-Oct-2008	1137	TR	M-SCOPE	11.37	0.00	1.79	9.58	1409.62
19-Jan-2009	1231	DR	M-SCOPE	11.08	0.00	1.79	9.29	1409.91
09-Apr-2009	1214	DR	M-SCOPE	11.17	0.00	1.79	9.38	1409.82
20-Jul-2009	1516	DR	M-SCOPE	12.07	0.00	1.79	10.28	1408.92
20-Oct-2009	1241	DR	M-SCOPE	11.30	0.00	1.79	9.51	1409.69
14-Jan-2010	1502	DR	M-SCOPE	11.10	0.00	1.79	9.31	1409.89
15-Apr-2010	1318	DR	M-SCOPE	11.02	0.00	1.79	9.23	1409.97
16-Jul-2010	1249	DR	M-SCOPE	9.49	0.00	1.79	7.70	1411.50
19-Oct-2010	1007	DR	M-SCOPE	10.77	0.00	1.79	8.98	1410.22
21-Jan-2011	1230	DR	M-SCOPE	10.76	0.00	1.79	8.97	1410.23
07-Apr-2011	1509	DR	M-SCOPE	10.85	0.00	1.79	9.06	1410.14
21-Jul-2011	1625	DR	M-SCOPE	15.22	0.00	1.79	13.43	1405.77
18-Oct-2011	1201	DR	M-SCOPE	14.73	0.00	1.79	12.94	1406.26
16-Jan-2012	1409	DR	M-SCOPE	14.22	0.00	1.79	12.43	1406.77
02-Mar-2012	915	DR	M-SCOPE	13.99	0.00	1.79	12.20	1407.00
27-Apr-2012	1259	DR	M-SCOPE	13.38	0.00	1.79	11.59	1407.61
31-Jul-2012	1412	DR	M-SCOPE	17.41	0.00	1.79	15.62	1403.58
19-Oct-2012	955	DR	M-SCOPE	16.40	0.00	1.79	14.61	1404.59
21-Jan-2013	1447	DR	M-SCOPE	15.88	0.00	1.79	14.09	1405.11
29-Apr-2013	1546	DR	M-SCOPE	15.77	0.00	1.79	13.98	1405.22
26-Jul-2013	1234	DR	M-SCOPE	16.41	0.00	1.79	14.62	1404.58
10-Oct-2013	1231	DR	M-SCOPE	13.01	0.00	1.79	11.22	1407.98
02-Jan-2014	1435	DR	M-SCOPE	12.49	0.00	1.79	10.70	1408.50
25-Apr-2014	1127	DR	M-SCOPE	12.45	0.00	1.79	10.66	1408.54
15-Jul-2014	1449	DR	M-SCOPE	11.02	0.00	1.79	9.23	1409.97
27-Oct-2014	1543	DR	M-SCOPE	13.54	0.00	1.79	11.75	1407.45
09-Jan-2015	1255	DR	M-SCOPE	13.60	0.00	1.79	11.81	1407.39
20-Apr-2015	1546	DR	M-SCOPE	13.38	0.00	1.79	11.59	1407.61
03-Aug-2015	1559	DR	M-SCOPE	12.61	0.00	1.79	10.82	1408.38
29-Oct-2015	1258	DR	M-SCOPE	12.35	0.00	1.79	10.56	1408.64
04-Jan-2016	1541	DR	M-SCOPE	10.68	0.00	1.79	8.89	1410.31
20-Apr-2016	946	DR	M-SCOPE	10.66	0.00	1.79	8.87	1410.33
26-Jul-2016	1245	DR	M-SCOPE	8.03	0.00	1.79	6.24	1412.96
18-Oct-2016	1302	DR	M-SCOPE	6.72	0.00	1.79	4.93	1414.27

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
15-Feb-2002	1100	TB	M-SCOPE	13.52		1.42	12.10	1407.30
27-Mar-2002	1020	TB	M-SCOPE	13.41		1.42	11.99	1407.41
01-Jul-2002	1005	TB	M-SCOPE	14.46		1.42	13.04	1406.36
15-Oct-2002	1035	CM	M-SCOPE	15.20		1.42	13.78	1405.62
31-Oct-2002	1110	TDB	M-SCOPE	14.66		1.42	13.24	1406.16
24-Jan-03	1322	TB	M-SCOPE	14.33	0.00	1.42	12.91	1406.49
28-Apr-03	1453	TB	M-SCOPE	13.51	0.00	1.42	12.09	1407.31
23-Jul-03	1410	TB	M-SCOPE	16.50	0.00	1.42	15.08	1404.32
28-Oct-03	1457	TB	M-SCOPE	15.37	0.00	1.42	13.95	1405.45
23-Jan-2004	1223	TB	M-SCOPE	14.89	0.00	1.42	13.47	1405.93
20-Apr-2004	1021	TB	M-SCOPE	14.21	0.00	1.42	12.79	1406.61
22-Jul-2004	1408	TB	M-SCOPE	14.90	0.00	1.42	13.48	1405.92
25-Oct-2004	1557	TB	M-SCOPE	14.03	0.00	1.42	12.61	1406.79
20-Jan-2005	1521	TB	M-SCOPE	13.46	0.00	1.42	12.04	1407.36
07-Apr-2005	1330	TB	M-SCOPE	13.07	0.00	1.42	11.65	1407.75
19-Jul-2005	1537	TB	M-SCOPE	12.60	0.00	1.42	11.18	1408.22
20-Oct-2005	1358	DR	M-SCOPE	11.61	0.00	1.42	10.19	1409.21
18-Jan-2006	1217	DR	M-SCOPE	11.99	0.00	1.42	10.57	1408.83
21-Apr-2006	1142	DR	M-SCOPE	12.86	0.00	1.42	11.44	1407.96
20-Jul-2006	1243	DR	M-SCOPE	14.15	0.00	1.42	12.73	1406.67
24-Oct-2006	1450	DR	M-SCOPE	14.48	0.00	1.42	13.06	1406.34
23-Jan-2007	1519	DR	M-SCOPE	14.62	0.00	1.42	13.20	1406.20
10-Apr-2007	1047	DR	M-SCOPE	14.21	0.00	1.42	12.79	1406.61
19-Jul-2007	1512	DR	M-SCOPE	10.88	0.00	1.42	9.46	1409.94
26-Oct-2007	1325	DR	M-SCOPE	12.34	0.00	1.42	10.92	1408.48
11-Jan-2008	1204	DR	M-SCOPE	12.42	0.00	1.42	11.00	1408.40
02-Apr-2008	1455	DR	M-SCOPE	12.00	0.00	1.42	10.58	1408.82
21-Jul-2008	1302	DR	M-SCOPE	11.35	0.00	1.42	9.93	1409.47
21-Oct-2008	1137	TR	M-SCOPE	11.22	0.00	1.42	9.80	1409.60
19-Jan-2009	1231	DR	M-SCOPE	10.90	0.00	1.42	9.48	1409.92
09-Apr-2009	1214	DR	M-SCOPE	11.00	0.00	1.42	9.58	1409.82
20-Jul-2009	1516	DR	M-SCOPE	11.86	0.00	1.42	10.44	1408.96
20-Oct-2009	1241	DR	M-SCOPE	11.11	0.00	1.42	9.69	1409.71
14-Jan-2010	1502	DR	M-SCOPE	10.94	0.00	1.42	9.52	1409.88
15-Apr-2010	1317	DR	M-SCOPE	10.82	0.00	1.42	9.40	1410.00
16-Jul-2010	1249	DR	M-SCOPE	9.31	0.00	1.42	7.89	1411.51
19-Oct-2010	1007	DR	M-SCOPE	10.62	0.00	1.42	9.20	1410.20
21-Jan-2011	1231	DR	M-SCOPE	10.58	0.00	1.42	9.16	1410.24
07-Apr-2011	1509	DR	M-SCOPE	10.68	0.00	1.42	9.26	1410.14
21-Jul-2011	1625	DR	M-SCOPE	15.03	0.00	1.42	13.61	1405.79
18-Oct-2011	1201	DR	M-SCOPE	14.54	0.00	1.42	13.12	1406.28
16-Jan-2012	1409	DR	M-SCOPE	14.03	0.00	1.42	12.61	1406.79
02-Mar-2012	916	DR	M-SCOPE	13.83	0.00	1.42	12.41	1406.99
27-Apr-2012	1301	DR	M-SCOPE	13.20	0.00	1.42	11.78	1407.62
31-Jul-2012	1412	DR	M-SCOPE	17.24	0.00	1.42	15.82	1403.58
19-Oct-2012	955	DR	M-SCOPE	16.23	0.00	1.42	14.81	1404.59
21-Jan-2013	1448	DR	M-SCOPE	15.72	0.00	1.42	14.30	1405.10
29-Apr-2013	1546	DR	M-SCOPE	15.59	0.00	1.42	14.17	1405.23
26-Jul-2013	1234	DR	M-SCOPE	16.30	0.00	1.42	14.88	1404.52
10-Oct-2013	1231	DR	M-SCOPE	12.88	0.00	1.42	11.46	1407.94
02-Jan-2014	1435	DR	M-SCOPE	12.30	0.00	1.42	10.88	1408.52
25-Apr-2014	1126	DR	M-SCOPE	12.30	0.00	1.42	10.88	1408.52
15-Jul-2014	1448	DR	M-SCOPE	10.84	0.00	1.42	9.42	1409.98
27-Oct-2014	1543	DR	M-SCOPE	13.41	0.00	1.42	11.99	1407.41
09-Jan-2015	1254	DR	M-SCOPE	13.44	0.00	1.42	12.02	1407.38
20-Apr-2015	1546	DR	M-SCOPE	13.23	0.00	1.42	11.81	1407.59
03-Aug-2015	1559	DR	M-SCOPE	12.46	0.00	1.42	11.04	1408.36
29-Oct-2015	1258	DR	M-SCOPE	12.18	0.00	1.42	10.76	1408.64
04-Jan-2016	1541	DR	M-SCOPE	10.51	0.00	1.42	9.09	1410.31
20-Apr-2016	946	DR	M-SCOPE	10.50	0.00	1.42	9.08	1410.32
26-Jul-2016	1245	DR	M-SCOPE	7.84	0.00	1.42	6.42	1412.98
18-Oct-2016	1302	DR	M-SCOPE	6.55	0.00	1.42	5.13	1414.27

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
10/24/01	1325	TB	M-SCOPE	26.55		1.74	24.81	1391.29
13-Dec-2001	1110	TB	M-SCOPE	26.44		1.74	24.70	1391.40
10-Jul-2002	905	TB	M-SCOPE	26.90		1.74	25.16	1390.94
15-Oct-2002	1050	CM	M-SCOPE	29.73		1.74	27.99	1388.11
31-Oct-2002	1058	TDB	M-SCOPE	28.27		1.74	26.53	1389.57
24-Jan-2003	1340	TB	M-SCOPE	27.85	0.00	1.74	26.11	1389.99
28-Apr-2003	1505	TB	M-SCOPE	27.70	0.00	1.74	25.96	1390.14
23-Jul-2003	1419	TB	M-SCOPE	28.40	0.00	1.74	26.66	1389.44
28-Oct-2003	1510	TB	M-SCOPE	28.81	0.00	1.74	27.07	1389.03
23-Jan-2004	1212	TB	M-SCOPE	28.41	0.00	1.74	26.67	1389.43
20-Apr-2004	1008	TB	M-SCOPE	27.96	0.00	1.74	26.22	1389.88
22-Jul-2004	1458	TB	M-SCOPE	28.12	0.00	1.74	26.38	1389.72
25-Oct-2004	1609	TB	M-SCOPE	27.83	0.00	1.74	26.09	1390.01
20-Jan-2005	1536	TB	M-SCOPE	27.72	0.00	1.74	25.98	1390.12
07-Apr-2005	1321	TB	M-SCOPE	27.46	0.00	1.74	25.72	1390.38
19-Jul-2005	1550	TB	M-SCOPE	26.06	0.00	1.74	24.32	1391.78
20-Oct-2005	1427	DR	M-SCOPE	25.69	0.00	1.74	23.95	1392.15
18-Jan-2006	1227	DR	M-SCOPE	25.55	0.00	1.74	23.81	1392.29
21-Apr-2006	1253	DR	M-SCOPE	25.86	0.00	1.74	24.12	1391.98
19-Jul-2006	1342	DR	M-SCOPE	26.45	0.00	1.74	24.71	1391.39
24-Oct-2006	1500	DR	M-SCOPE	27.40	0.00	1.74	25.66	1390.44
23-Jan-2007	1430	DR	M-SCOPE	27.57	0.00	1.74	25.83	1390.27
10-Apr-2007	1037	DR	M-SCOPE	27.50	0.00	1.74	25.76	1390.34
20-Jul-2007	1130	DR	M-SCOPE	25.30	0.00	1.74	23.56	1392.54
26-Oct-2007	1402	DR	M-SCOPE	26.01	0.00	1.74	24.27	1391.83
11-Jan-2008	1156	DR	M-SCOPE	25.72	0.00	1.74	23.98	1392.12
02-Apr-2008	1447	DR	M-SCOPE	25.69	0.00	1.74	23.95	1392.15
21-Jul-2008	1455	DR	M-SCOPE	24.57	0.00	1.74	22.83	1393.27
24-Oct-2008	1257	DR	M-SCOPE	24.81	0.00	1.74	23.07	1393.03
19-Jan-2009	1256	DR	M-SCOPE	24.27	0.00	1.74	22.53	1393.57
09-Apr-2009	1332	DR	M-SCOPE	24.17	0.00	1.74	22.43	1393.67
20-Jul-2009	1506	DR	M-SCOPE	23.82	0.00	1.74	22.08	1394.02
20-Oct-2009	1317	DR	M-SCOPE	23.60	0.00	1.74	21.86	1394.24
14-Jan-2010	1516	DR	M-SCOPE	23.25	0.00	1.74	21.51	1394.59
15-Apr-2010	1436	DR	M-SCOPE	23.45	0.00	1.74	21.71	1394.39
16-Jul-2010	1325	DR	M-SCOPE	21.04	0.00	1.74	19.30	1396.80
19-Oct-2010	1022	DR	M-SCOPE	22.46	0.00	1.74	20.72	1395.38
21-Jan-2011	1307	DR	M-SCOPE	22.42	0.00	1.74	20.68	1395.42
07-Apr-2011	1519	DR	M-SCOPE	22.71	0.00	1.74	20.97	1395.13
22-Jul-2011	1259	DR	M-SCOPE	27.10	0.00	1.74	25.36	1390.74
18-Oct-2011	1228	DR	M-SCOPE	25.64	0.00	1.74	23.90	1392.20
16-Jan-2012	1400	DR	M-SCOPE	25.60	0.00	1.74	23.86	1392.24
02-Mar-2012	937	DR	M-SCOPE	25.57	0.00	1.74	23.83	1392.27
27-Apr-2012	1325	DR	M-SCOPE	25.28	0.00	1.74	23.54	1392.56
31-Jul-2012	1403	DR	M-SCOPE	26.66	0.00	1.74	24.92	1391.18
19-Oct-2012	940	DR	M-SCOPE	27.39	0.00	1.74	25.65	1390.45
21-Jan-2013	1459	DR	M-SCOPE	27.44	0.00	1.74	25.70	1390.40
29-Apr-2013	1557	DR	M-SCOPE	27.43	0.00	1.74	25.69	1390.41
26-Jul-2013	1219	DR	M-SCOPE	28.03	0.00	1.74	26.29	1389.81
10-Oct-2013	1245	DR	M-SCOPE	27.18	0.00	1.74	25.44	1390.66
02-Jan-2014	1444	DR	M-SCOPE	25.55	0.00	1.74	23.81	1392.29
25-Apr-2014	1134	DR	M-SCOPE	25.36	0.00	1.74	23.62	1392.48
15-Jul-2014	1502	DR	M-SCOPE	24.77	0.00	1.74	23.03	1393.07
27-Oct-2014	1557	DR	M-SCOPE	24.93	0.00	1.74	23.19	1392.91
09-Jan-2015	1305	DR	M-SCOPE	24.97	0.00	1.74	23.23	1392.87
20-Apr-2015	1555	DR	M-SCOPE	24.78	0.00	1.74	23.04	1393.06
03-Aug-2015	1549	DR	M-SCOPE	24.08	0.00	1.74	22.34	1393.76
29-Oct-2015	1247	DR	M-SCOPE	23.55	0.00	1.74	21.81	1394.29
04-Jan-2016	1550	DR	M-SCOPE	22.83	0.00	1.74	21.09	1395.01
19-Apr-2016	1605	DR	M-SCOPE	22.03	0.00	1.74	20.29	1395.81
26-Jul-2016	1254	DR	M-SCOPE	18.77	0.00	1.74	17.03	1399.07
18-Oct-2016	1315	DR	M-SCOPE	16.58	0.00	1.74	14.84	1401.26

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1320	TB	M-SCOPE	28.42		1.18	27.24	1388.86
13-Dec-2001	1300	TB	M-SCOPE	28.29		1.18	27.11	1388.99
10-Jul-2002	1150	TB	M-SCOPE	30.19		1.18	29.01	1387.09
15-Oct-2002	1055	CM	M-SCOPE	28.26		1.18	27.08	1389.02
31-Oct-2002	1059	TDB	M-SCOPE	30.00		1.18	28.82	1387.28
24-Jan-2003	1341	TB	M-SCOPE	29.06	0.00	1.18	27.88	1388.22
28-Apr-2003	1506	TB	M-SCOPE	28.82	0.00	1.18	27.64	1388.46
23-Jul-2003	1420	TB	M-SCOPE	30.87	0.00	1.18	29.69	1386.41
28-Oct-2003	1511	TB	M-SCOPE	29.92	0.00	1.18	28.74	1387.36
23-Jan-2004	1213	TB	M-SCOPE	29.42	0.00	1.18	28.24	1387.86
20-Apr-2004	1009	TB	M-SCOPE	29.03	0.00	1.18	27.85	1388.25
22-Jul-2004	1458	TB	M-SCOPE	32.17	0.00	1.18	30.99	1385.11
25-Oct-2004	1610	TB	M-SCOPE	29.38	0.00	1.18	28.20	1387.90
20-Jan-2005	1536	TB	M-SCOPE	29.03	0.00	1.18	27.85	1388.25
07-Apr-2005	1321	TB	M-SCOPE	28.92	0.00	1.18	27.74	1388.36
19-Jul-2005	1551	TB	M-SCOPE	28.13	0.00	1.18	26.95	1389.15
20-Oct-2005	1428	DR	M-SCOPE	27.04	0.00	1.18	25.86	1390.24
18-Jan-2006	1228	DR	M-SCOPE	26.99	0.00	1.18	25.81	1390.29
21-Apr-2006	1254	DR	M-SCOPE	28.60	0.00	1.18	27.42	1388.68
19-Jul-2006	1343	DR	M-SCOPE	32.14	0.00	1.18	30.96	1385.14
24-Oct-2006	1501	DR	M-SCOPE	28.84	0.00	1.18	27.66	1388.44
23-Jan-2007	1430	DR	M-SCOPE	29.15	0.00	1.18	27.97	1388.13
10-Apr-2007	1037	DR	M-SCOPE	28.91	0.00	1.18	27.73	1388.37
20-Jul-2007	1129	DR	M-SCOPE	30.15	0.00	1.18	28.97	1387.13
26-Oct-2007	1402	DR	M-SCOPE	27.93	0.00	1.18	26.75	1389.35
11-Jan-2008	1155	DR	M-SCOPE	27.70	0.00	1.18	26.52	1389.58
02-Apr-2008	1447	DR	M-SCOPE	26.98	0.00	1.18	25.80	1390.30
21-Jul-2008	1454	DR	M-SCOPE	28.60	0.00	1.18	27.42	1388.68
24-Oct-2008	1256	DR	M-SCOPE	26.50	0.00	1.18	25.32	1390.78
19-Jan-2009	1255	DR	M-SCOPE	25.50	0.00	1.18	24.32	1391.78
09-Apr-2009	1332	DR	M-SCOPE	25.38	0.00	1.18	24.20	1391.90
20-Jul-2009	1505	DR	M-SCOPE	25.73	0.00	1.18	24.55	1391.55
20-Oct-2009	1316	DR	M-SCOPE	24.68	0.00	1.18	23.50	1392.60
14-Jan-2010	1516	DR	M-SCOPE	24.47	0.00	1.18	23.29	1392.81
15-Apr-2010	1436	DR	M-SCOPE	24.90	0.00	1.18	23.72	1392.38
16-Jul-2010	1325	DR	M-SCOPE	22.73	0.00	1.18	21.55	1394.55
19-Oct-2010	1022	DR	M-SCOPE	23.65	0.00	1.18	22.47	1393.63
21-Jan-2011	1307	DR	M-SCOPE	23.59	0.00	1.18	22.41	1393.69
07-Apr-2011	1519	DR	M-SCOPE	25.84	0.00	1.18	24.66	1391.44
22-Jul-2011	1300	DR	M-SCOPE	32.18	0.00	1.18	31.00	1385.10
18-Oct-2011	1227	DR	M-SCOPE	26.80	0.00	1.18	25.62	1390.48
16-Jan-2012	1401	DR	M-SCOPE	26.63	0.00	1.18	25.45	1390.65
02-Mar-2012	937	DR	M-SCOPE	26.60	0.00	1.18	25.42	1390.68
27-Apr-2012	1324	DR	M-SCOPE	26.30	0.00	1.18	25.12	1390.98
31-Jul-2012	1403	DR	M-SCOPE	30.85	0.00	1.18	29.67	1386.43
19-Oct-2012	940	DR	M-SCOPE	28.50	0.00	1.18	27.32	1388.78
21-Jan-2013	1459	DR	M-SCOPE	28.51	0.00	1.18	27.33	1388.77
29-Apr-2013	1557	DR	M-SCOPE	28.44	0.00	1.18	27.26	1388.84
26-Jul-2013	1219	DR	M-SCOPE	29.60	0.00	1.18	28.42	1387.68
10-Oct-2013	1245	DR	M-SCOPE	26.05	0.00	1.18	24.87	1391.23
02-Jan-2014	1444	DR	M-SCOPE	26.51	0.00	1.18	25.33	1390.77
25-Apr-2014	1134	DR	M-SCOPE	26.50	0.00	1.18	25.32	1390.78
15-Jul-2014	1502	DR	M-SCOPE	26.95	0.00	1.18	25.77	1390.33
27-Oct-2014	1557	DR	M-SCOPE	25.89	0.00	1.18	24.71	1391.39
09-Jan-2015	1304	DR	M-SCOPE	25.66	0.00	1.18	24.48	1391.62
20-Apr-2015	1555	DR	M-SCOPE	25.45	0.00	1.18	24.27	1391.83
03-Aug-2015	1550	DR	M-SCOPE	24.88	0.00	1.18	23.70	1392.40
29-Oct-2015	1246	DR	M-SCOPE	24.23	0.00	1.18	23.05	1393.05
04-Jan-2016	1550	DR	M-SCOPE	23.23	0.00	1.18	22.05	1394.05
19-Apr-2016	1605	DR	M-SCOPE	22.85	0.00	1.18	21.67	1394.43
26-Jul-2016	1254	DR	M-SCOPE	20.78	0.00	1.18	19.60	1396.50
18-Oct-2016	1315	DR	M-SCOPE	17.61	0.00	1.18	16.43	1399.67

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1350	TB	M-SCOPE	30.61		1.58	29.03	1377.67
18-Dec-2001	1025	TB	M-SCOPE	29.56		1.58	27.98	1378.72
02-Jul-2002	935	TB	M-SCOPE	30.77		1.58	29.19	1377.51
15-Oct-2002	1110	CM	M-SCOPE	31.98		1.58	30.40	1376.30
31-Oct-2002	1046	TDB	M-SCOPE	31.92		1.58	30.34	1376.36
24-Jan-2003	1352	TB	M-SCOPE	30.82	0.00	1.58	29.24	1377.46
28-Apr-2003	1517	TB	M-SCOPE	30.63	0.00	1.58	29.05	1377.65
23-Jul-2003	1427	TB	M-SCOPE	33.18	0.00	1.58	31.60	1375.10
28-Oct-2003	1526	TB	M-SCOPE	32.65	0.00	1.58	31.07	1375.63
23-Jan-2004	1202	TB	M-SCOPE	31.15	0.00	1.58	29.57	1377.13
20-Apr-2004	956	TB	M-SCOPE	30.87	0.00	1.58	29.29	1377.41
22-Jul-2004	1507	TB	M-SCOPE	32.38	0.00	1.58	30.80	1375.90
25-Oct-2004	1620	TB	M-SCOPE	31.17	0.00	1.58	29.59	1377.11
20-Jan-2005	1546	TB	M-SCOPE	30.70	0.00	1.58	29.12	1377.58
07-Apr-2005	1312	TB	M-SCOPE	31.10	0.00	1.58	29.52	1377.18
19-Jul-2005	1600	TB	M-SCOPE	30.56	0.00	1.58	28.98	1377.72
20-Oct-2005	1440	DR	M-SCOPE	29.25	0.00	1.58	27.67	1379.03
18-Jan-2006	1239	DR	M-SCOPE	28.37	0.00	1.58	26.79	1379.91
21-Apr-2006	1247	DR	M-SCOPE	29.03	0.00	1.58	27.45	1379.25
20-Jul-2006	1515	DR	M-SCOPE	30.64	0.00	1.58	29.06	1377.64
24-Oct-2006	1523	DR	M-SCOPE	30.57	0.00	1.58	28.99	1377.71
23-Jan-2007	1437	DR	M-SCOPE	30.45	0.00	1.58	28.87	1377.83
10-Apr-2007	1133	DR	M-SCOPE	30.20	0.00	1.58	28.62	1378.08
20-Jul-2007	1122	DR	M-SCOPE	29.60	0.00	1.58	28.02	1378.68
26-Oct-2007	1530	DR	M-SCOPE	29.69	0.00	1.58	28.11	1378.59
11-Jan-2008	1148	DR	M-SCOPE	29.06	0.00	1.58	27.48	1379.22
02-Apr-2008	1440	DR	M-SCOPE	28.86	0.00	1.58	27.28	1379.42
21-Jul-2008	1438	DR	M-SCOPE	29.11	0.00	1.58	27.53	1379.17
24-Oct-2008	1246	DR	M-SCOPE	28.43	0.00	1.58	26.85	1379.85
19-Jan-2009	1403	DR	M-SCOPE	27.43	0.00	1.58	25.85	1380.85
09-Apr-2009	1324	DR	M-SCOPE	26.89	0.00	1.58	25.31	1381.39
20-Jul-2009	1457	DR	M-SCOPE	28.00	0.00	1.58	26.42	1380.28
20-Oct-2009	1326	DR	M-SCOPE	27.03	0.00	1.58	25.45	1381.25
14-Jan-2010	1525	DR	M-SCOPE	26.51	0.00	1.58	24.93	1381.77
15-Apr-2010	1445	DR	M-SCOPE	26.58	0.00	1.58	25.00	1381.70
16-Jul-2010	1334	DR	M-SCOPE	26.75	0.00	1.58	25.17	1381.53
19-Oct-2010	1425	DR	M-SCOPE	26.19	0.00	1.58	24.61	1382.09
21-Jan-2011	1434	DR	M-SCOPE	25.69	0.00	1.58	24.11	1382.59
07-Apr-2011	1553	DR	M-SCOPE	25.70	0.00	1.58	24.12	1382.58
22-Jul-2011	1300	DR	M-SCOPE	26.90	0.00	1.58	25.32	1381.38
18-Oct-2011	1305	DR	M-SCOPE	29.24	0.00	1.58	27.66	1379.04
16-Jan-2012	1354	DR	M-SCOPE	28.18	0.00	1.58	26.60	1380.10
02-Mar-2012	949	DR	M-SCOPE	28.25	0.00	1.58	26.67	1380.03
27-Apr-2012	1433	DR	M-SCOPE	27.89	0.00	1.58	26.31	1380.39
31-Jul-2012	1355	DR	M-SCOPE	31.34	0.00	1.58	29.76	1376.94
19-Oct-2012	930	DR	M-SCOPE	30.16	0.00	1.58	28.58	1378.12
21-Jan-2013	1539	DR	M-SCOPE	29.67	0.00	1.58	28.09	1378.61
29-Apr-2013	1603	DR	M-SCOPE	29.42	0.00	1.58	27.84	1378.86
26-Jul-2013	1211	DR	M-SCOPE	32.11	0.00	1.58	30.53	1376.17
10-Oct-2013	1253	DR	M-SCOPE	29.70	0.00	1.58	28.12	1378.58
02-Jan-2014	1451	DR	M-SCOPE	28.01	0.00	1.58	26.43	1380.27
25-Apr-2014	1141	DR	M-SCOPE	27.55	0.00	1.58	25.97	1380.73
15-Jul-2014	1632	DR	M-SCOPE	27.01	0.00	1.58	25.43	1381.27
27-Oct-2014	1502	DR	M-SCOPE	26.66	0.00	1.58	25.08	1381.62
09-Jan-2015	1333	DR	M-SCOPE	26.24	0.00	1.58	24.66	1382.04
21-Apr-2015	1345	DR	M-SCOPE	25.68	0.00	1.58	24.10	1382.60
03-Aug-2015	1543	DR	M-SCOPE	25.37	0.00	1.58	23.79	1382.91
29-Oct-2015	1238	DR	M-SCOPE	24.62	0.00	1.58	23.04	1383.66
04-Jan-2016	1632	DR	M-SCOPE	23.73	0.00	1.58	22.15	1384.55
19-Apr-2016	1500	DR	M-SCOPE	23.46	0.00	1.58	21.88	1384.82
26-Jul-2016	1302	DR	M-SCOPE	21.68	0.00	1.58	20.10	1386.60
18-Oct-2016	1619	DR	M-SCOPE	17.44	0.00	1.58	15.86	1390.84

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
24-Oct-2001	1345	TB	M-SCOPE	30.70		1.70	29.00	1377.50
18-Dec-2001	1145	TB	M-SCOPE	29.64		1.70	27.94	1378.56
02-Jul-2002	1135	TB	M-SCOPE	30.87		1.70	29.17	1377.33
15-Oct-2002	1115	CM	M-SCOPE	32.06		1.70	30.36	1376.14
31-Oct-2002	1048	TDB	M-SCOPE	32.00		1.70	30.30	1376.20
24-Jan-2003	1353	TB	M-SCOPE	30.89	0.00	1.70	29.19	1377.31
28-Apr-2003	1517	TB	M-SCOPE	30.70	0.00	1.70	29.00	1377.50
23-Jul-2003	1428	TB	M-SCOPE	33.27	0.00	1.70	31.57	1374.93
28-Oct-2003	1527	TB	M-SCOPE	32.74	0.00	1.70	31.04	1375.46
23-Jan-2004	1203	TB	M-SCOPE	31.22	0.00	1.70	29.52	1376.98
20-Apr-2004	957	TB	M-SCOPE	30.94	0.00	1.70	29.24	1377.26
22-Jul-2004	1507	TB	M-SCOPE	32.48	0.00	1.70	30.78	1375.72
25-Oct-2004	1621	TB	M-SCOPE	31.24	0.00	1.70	29.54	1376.96
20-Jan-2005	1546	TB	M-SCOPE	30.77	0.00	1.70	29.07	1377.43
07-Apr-2005	1313	TB	M-SCOPE	31.18	0.00	1.70	29.48	1377.02
19-Jul-2005	1601	TB	M-SCOPE	30.62	0.00	1.70	28.92	1377.58
20-Oct-2005	1441	DR	M-SCOPE	29.31	0.00	1.70	27.61	1378.89
18-Jan-2006	1239	DR	M-SCOPE	28.45	0.00	1.70	26.75	1379.75
21-Apr-2006	1246	DR	M-SCOPE	29.11	0.00	1.70	27.41	1379.09
20-Jul-2006	1516	DR	M-SCOPE	30.75	0.00	1.70	29.05	1377.45
24-Oct-2006	1523	DR	M-SCOPE	30.60	0.00	1.70	28.90	1377.60
23-Jan-2007	1437	DR	M-SCOPE	30.55	0.00	1.70	28.85	1377.65
10-Apr-2007	1132	DR	M-SCOPE	30.30	0.00	1.70	28.60	1377.90
20-Jul-2007	1122	DR	M-SCOPE	29.65	0.00	1.70	27.95	1378.55
26-Oct-2007	1531	DR	M-SCOPE	29.80	0.00	1.70	28.10	1378.40
11-Jan-2008	1149	DR	M-SCOPE	29.14	0.00	1.70	27.44	1379.06
02-Apr-2008	1439	DR	M-SCOPE	28.94	0.00	1.70	27.24	1379.26
21-Jul-2008	1439	DR	M-SCOPE	29.21	0.00	1.70	27.51	1378.99
24-Oct-2008	1246	DR	M-SCOPE	28.51	0.00	1.70	26.81	1379.69
19-Jan-2009	1403	DR	M-SCOPE	27.52	0.00	1.70	25.82	1380.68
09-Apr-2009	1324	DR	M-SCOPE	26.95	0.00	1.70	25.25	1381.25
20-Jul-2009	1457	DR	M-SCOPE	28.07	0.00	1.70	26.37	1380.13
20-Oct-2009	1326	DR	M-SCOPE	27.10	0.00	1.70	25.40	1381.10
14-Jan-2010	1526	DR	M-SCOPE	26.60	0.00	1.70	24.90	1381.60
15-Apr-2010	1446	DR	M-SCOPE	26.65	0.00	1.70	24.95	1381.55
16-Jul-2010	1334	DR	M-SCOPE	26.85	0.00	1.70	25.15	1381.35
19-Oct-2010	1425	DR	M-SCOPE	26.27	0.00	1.70	24.57	1381.93
21-Jan-2011	1433	DR	M-SCOPE	25.78	0.00	1.70	24.08	1382.42
07-Apr-2011	1553	DR	M-SCOPE	25.81	0.00	1.70	24.11	1382.39
22-Jul-2011	1301	DR	M-SCOPE	31.01	0.00	1.70	29.31	1377.19
18-Oct-2011	1305	DR	M-SCOPE	29.34	0.00	1.70	27.64	1378.86
16-Jan-2012	1354	DR	M-SCOPE	28.25	0.00	1.70	26.55	1379.95
02-Mar-2012	949	DR	M-SCOPE	28.32	0.00	1.70	26.62	1379.88
27-Apr-2012	1434	DR	M-SCOPE	28.00	0.00	1.70	26.30	1380.20
31-Jul-2012	1355	DR	M-SCOPE	31.45	0.00	1.70	29.75	1376.75
19-Oct-2012	931	DR	M-SCOPE	30.25	0.00	1.70	28.55	1377.95
21-Jan-2013	1539	DR	M-SCOPE	29.77	0.00	1.70	28.07	1378.43
29-Apr-2013	1603	DR	M-SCOPE	29.47	0.00	1.70	27.77	1378.73
26-Jul-2013	1212	DR	M-SCOPE	32.19	0.00	1.70	30.49	1376.01
10-Oct-2013	1254	DR	M-SCOPE	29.83	0.00	1.70	28.13	1378.37
02-Jan-2014	1452	DR	M-SCOPE	28.08	0.00	1.70	26.38	1380.12
25-Apr-2014	1142	DR	M-SCOPE	27.62	0.00	1.70	25.92	1380.58
15-Jul-2014	1631	DR	M-SCOPE	27.11	0.00	1.70	25.41	1381.09
27-Oct-2014	1502	DR	M-SCOPE	26.75	0.00	1.70	25.05	1381.45
09-Jan-2015	1333	DR	M-SCOPE	26.32	0.00	1.70	24.62	1381.88
21-Apr-2015	1346	DR	M-SCOPE	25.73	0.00	1.70	24.03	1382.47
03-Aug-2015	1542	DR	M-SCOPE	25.46	0.00	1.70	23.76	1382.74
29-Oct-2015	1239	DR	M-SCOPE	24.70	0.00	1.70	23.00	1383.50
04-Jan-2016	1633	DR	M-SCOPE	23.79	0.00	1.70	22.09	1384.41
19-Apr-2016	1500	DR	M-SCOPE	23.55	0.00	1.70	21.85	1384.65
26-Jul-2016	1302	DR	M-SCOPE	21.62	0.00	1.70	19.92	1386.58
18-Oct-2016	1620	DR	M-SCOPE	17.48	0.00	1.70	15.78	1390.72

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
19-Dec-2001	1005	TB	M-SCOPE	22.43		1.70	20.73	1364.87
15-Feb-2001	1410	TB	M-SCOPE	22.33		1.70	20.63	1364.97
11-Jul-2002	930	TB	M-SCOPE	22.57		1.70	20.87	1364.73
11-Oct-2002	1145	CM	M-SCOPE	24.45		1.70	22.75	1362.85
31-Oct-2002	930	MTD	M-SCOPE	24.35		1.70	22.65	1362.95
24-Jan-2003	1407	TB	M-SCOPE	23.71	0.00	1.70	22.01	1363.59
28-Apr-2003	1530	TB	M-SCOPE	23.34	0.00	1.70	21.64	1363.96
23-Jul-2003	1440	TB	M-SCOPE	23.76	0.00	1.70	22.06	1363.54
28-Oct-2003	1543	TB	M-SCOPE	24.50	0.00	1.70	22.80	1362.80
23-Jan-2004	1150	TB	M-SCOPE	24.15	0.00	1.70	22.45	1363.15
20-Apr-2004	941	TB	M-SCOPE	23.35	0.00	1.70	21.65	1363.95
22-Jul-2004	1518	TB	M-SCOPE	23.40	0.00	1.70	21.70	1363.90
25-Oct-2004	1701	TB	M-SCOPE	23.20	0.00	1.70	21.50	1364.10
20-Jan-2005	1611	TB	M-SCOPE	23.35	0.00	1.70	21.65	1363.95
06-Apr-2005	1421	TB	M-SCOPE	22.99	0.00	1.70	21.29	1364.31
19-Jul-2005	1620	TB	M-SCOPE	20.23	0.00	1.70	18.53	1367.07
21-Oct-2005	839	DR	M-SCOPE	20.53	0.00	1.70	18.83	1366.77
18-Jan-2006	1249	DR	M-SCOPE	20.51	0.00	1.70	18.81	1366.79
21-Apr-2006	1237	DR	M-SCOPE	20.88	0.00	1.70	19.18	1366.42
20-Jul-2006	1526	DR	M-SCOPE	21.80	0.00	1.70	20.10	1365.50
23-Oct-2006	1603	DR	M-SCOPE	23.40	0.00	1.70	21.70	1363.90
23-Jan-2007	1153	DR	M-SCOPE	23.70	0.00	1.70	22.00	1363.60
10-Apr-2007	1145	DR	M-SCOPE	23.55	0.00	1.70	21.85	1363.75
20-Jul-2007	1113	DR	M-SCOPE	21.25	0.00	1.70	19.55	1366.05
25-Oct-2007	1427	DR	M-SCOPE	22.52	0.00	1.70	20.82	1364.78
11-Jan-2008	1138	DR	M-SCOPE	22.41	0.00	1.70	20.71	1364.89
02-Apr-2008	1420	DR	M-SCOPE	22.33	0.00	1.70	20.63	1364.97
21-Jul-2008	1424	DR	M-SCOPE	21.39	0.00	1.70	19.69	1365.91
24-Oct-2008	1221	DR	M-SCOPE	21.04	0.00	1.70	19.34	1366.26
19-Jan-2009	1352	DR	M-SCOPE	20.43	0.00	1.70	18.73	1366.87
09-Apr-2009	1314	DR	M-SCOPE	20.22	0.00	1.70	18.52	1367.08
20-Jul-2009	1446	DR	M-SCOPE	19.08	0.00	1.70	17.38	1368.22
20-Oct-2009	1354	DR	M-SCOPE	19.09	0.00	1.70	17.39	1368.21
14-Jan-2010	1554	DR	M-SCOPE	18.84	0.00	1.70	17.14	1368.46
15-Apr-2010	1509	DR	M-SCOPE	18.95	0.00	1.70	17.25	1368.35
16-Jul-2010	1424	DR	M-SCOPE	18.07	0.00	1.70	16.37	1369.23
19-Oct-2010	1354	DR	M-SCOPE	19.24	0.00	1.70	17.54	1368.06
21-Jan-2011	1534	DR	M-SCOPE	19.47	0.00	1.70	17.77	1367.83
08-Apr-2011	1242	DR	M-SCOPE	19.65	0.00	1.70	17.95	1367.65
22-Jul-2011	1301	DR	M-SCOPE	22.11	0.00	1.70	20.41	1365.19
18-Oct-2011	1331	DR	M-SCOPE	23.24	0.00	1.70	21.54	1364.06
17-Jan-2012	1210	DR	M-SCOPE	23.26	0.00	1.70	21.56	1364.04
02-Mar-2012	1009	DR	M-SCOPE	22.82	0.00	1.70	21.12	1364.48
27-Apr-2012	1518	DR	M-SCOPE	22.09	0.00	1.70	20.39	1365.21
31-Jul-2012	1345	DR	M-SCOPE	23.34	0.00	1.70	21.64	1363.96
19-Oct-2012	918	DR	M-SCOPE	24.63	0.00	1.70	22.93	1362.67
21-Jan-2013	1528	DR	M-SCOPE	24.89	0.00	1.70	23.19	1362.41
29-Apr-2013	1503	DR	M-SCOPE	24.83	0.00	1.70	23.13	1362.47
25-Jul-2013	1500	DR	M-SCOPE	25.18	0.00	1.70	23.48	1362.12
10-Oct-2013	1320	DR	M-SCOPE	22.85	0.00	1.70	21.15	1364.45
02-Jan-2014	1511	DR	M-SCOPE	22.48	0.00	1.70	20.78	1364.82
25-Apr-2014	1200	DR	M-SCOPE	22.23	0.00	1.70	20.53	1365.07
15-Jul-2014	1620	DR	M-SCOPE	21.04	0.00	1.70	19.34	1366.26
27-Oct-2014	1452	DR	M-SCOPE	21.41	0.00	1.70	19.71	1365.89
09-Jan-2015	1438	DR	M-SCOPE	21.43	0.00	1.70	19.73	1365.87
21-Apr-2015	1332	DR	M-SCOPE	21.23	0.00	1.70	19.53	1366.07
03-Aug-2015	1533	DR	M-SCOPE	18.74	0.00	1.70	17.04	1368.56
29-Oct-2015	1229	DR	M-SCOPE	18.32	0.00	1.70	16.62	1368.98
04-Jan-2016	1622	DR	M-SCOPE	17.42	0.00	1.70	15.72	1369.88
19-Apr-2016	1448	DR	M-SCOPE	16.87	0.00	1.70	15.17	1370.43
26-Jul-2016	1311	DR	M-SCOPE	14.78	0.00	1.70	13.08	1372.52
18-Oct-2016	1609	DR	M-SCOPE	12.82	0.00	1.70	11.12	1374.48

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
19-Dec-2001	1140	TB	M-SCOPE	22.74		1.55	21.19	1364.81
15-Feb-2001	1415	TB	M-SCOPE	22.63		1.55	21.08	1364.92
11-Jul-2002	1200	TB	M-SCOPE	22.90		1.55	21.35	1364.65
11-Oct-2002	1150	CM	M-SCOPE	24.85		1.55	23.30	1362.70
31-Oct-2002	935	DMTD	M-SCOPE	24.63		1.55	23.08	1362.92
24-Jan-2003	1407	TB	M-SCOPE	23.94	0.00	1.55	22.39	1363.61
28-Apr-2003	1530	TB	M-SCOPE	23.45	0.00	1.55	21.90	1364.10
23-Jul-2003	1441	TB	M-SCOPE	24.27	0.00	1.55	22.72	1363.28
28-Oct-2003	1544	TB	M-SCOPE	24.54	0.00	1.55	22.99	1363.01
23-Jan-2004	1150	TB	M-SCOPE	24.29	0.00	1.55	22.74	1363.26
20-Apr-2004	942	TB	M-SCOPE	23.37	0.00	1.55	21.82	1364.18
22-Jul-2004	1519	TB	M-SCOPE	23.72	0.00	1.55	22.17	1363.83
25-Oct-2004	1701	TB	M-SCOPE	23.43	0.00	1.55	21.88	1364.12
20-Jan-2005	1612	TB	M-SCOPE	23.50	0.00	1.55	21.95	1364.05
06-Apr-2005	1422	TB	M-SCOPE	23.08	0.00	1.55	21.53	1364.47
19-Jul-2005	1621	TB	M-SCOPE	20.41	0.00	1.55	18.86	1367.14
21-Oct-2005	840	DR	M-SCOPE	20.71	0.00	1.55	19.16	1366.84
18-Jan-2006	1251	DR	M-SCOPE	20.79	0.00	1.55	19.24	1366.76
21-Apr-2006	1237	DR	M-SCOPE	21.25	0.00	1.55	19.70	1366.30
20-Jul-2006	1525	DR	M-SCOPE	22.35	0.00	1.55	20.80	1365.20
23-Oct-2006	1603	DR	M-SCOPE	23.80	0.00	1.55	22.25	1363.75
23-Jan-2007	1153	DR	M-SCOPE	23.98	0.00	1.55	22.43	1363.57
10-Apr-2007	1145	DR	M-SCOPE	23.80	0.00	1.55	22.25	1363.75
20-Jul-2007	1113	DR	M-SCOPE	21.35	0.00	1.55	19.80	1366.20
25-Oct-2007	1428	DR	M-SCOPE	22.77	0.00	1.55	21.22	1364.78
11-Jan-2008	1137	DR	M-SCOPE	22.68	0.00	1.55	21.13	1364.87
02-Apr-2008	1420	DR	M-SCOPE	22.61	0.00	1.55	21.06	1364.94
21-Jul-2008	1424	DR	M-SCOPE	21.71	0.00	1.55	20.16	1365.84
24-Oct-2008	1220	DR	M-SCOPE	21.09	0.00	1.55	19.54	1366.46
19-Jan-2009	1352	DR	M-SCOPE	20.69	0.00	1.55	19.14	1366.86
09-Apr-2009	1314	DR	M-SCOPE	20.52	0.00	1.55	18.97	1367.03
20-Jul-2009	1447	DR	M-SCOPE	19.53	0.00	1.55	17.98	1368.02
20-Oct-2009	1353	DR	M-SCOPE	19.34	0.00	1.55	17.79	1368.21
14-Jan-2010	1554	DR	M-SCOPE	19.11	0.00	1.55	17.56	1368.44
15-Apr-2010	1509	DR	M-SCOPE	19.25	0.00	1.55	17.70	1368.30
16-Jul-2010	1424	DR	M-SCOPE	18.30	0.00	1.55	16.75	1369.25
19-Oct-2010	1354	DR	M-SCOPE	19.60	0.00	1.55	18.05	1367.95
21-Jan-2011	1534	DR	M-SCOPE	19.81	0.00	1.55	18.26	1367.74
08-Apr-2011	1242	DR	M-SCOPE	20.06	0.00	1.55	18.51	1367.49
22-Jul-2011	1302	DR	M-SCOPE	22.48	0.00	1.55	20.93	1365.07
18-Oct-2011	1331	DR	M-SCOPE	23.81	0.00	1.55	22.26	1363.74
17-Jan-2012	1210	DR	M-SCOPE	23.69	0.00	1.55	22.14	1363.86
02-Mar-2012	1009	DR	M-SCOPE	23.16	0.00	1.55	21.61	1364.39
27-Apr-2012	1518	DR	M-SCOPE	22.39	0.00	1.55	20.84	1365.16
31-Jul-2012	1346	DR	M-SCOPE	23.92	0.00	1.55	22.37	1363.63
19-Oct-2012	917	DR	M-SCOPE	25.13	0.00	1.55	23.58	1362.42
21-Jan-2013	1528	DR	M-SCOPE	25.34	0.00	1.55	23.79	1362.21
29-Apr-2013	1503	DR	M-SCOPE	25.21	0.00	1.55	23.66	1362.34
25-Jul-2013	1501	DR	M-SCOPE	25.62	0.00	1.55	24.07	1361.93
10-Oct-2013	1321	DR	M-SCOPE	23.08	0.00	1.55	21.53	1364.47
02-Jan-2014	1512	DR	M-SCOPE	22.73	0.00	1.55	21.18	1364.82
25-Apr-2014	1200	DR	M-SCOPE	22.57	0.00	1.55	21.02	1364.98
15-Jul-2014	1620	DR	M-SCOPE	21.20	0.00	1.55	19.65	1366.35
27-Oct-2014	1452	DR	M-SCOPE	21.79	0.00	1.55	20.24	1365.76
09-Jan-2015	1438	DR	M-SCOPE	21.78	0.00	1.55	20.23	1365.77
21-Apr-2015	1332	DR	M-SCOPE	21.68	0.00	1.55	20.13	1365.87
03-Aug-2015	1532	DR	M-SCOPE	19.19	0.00	1.55	17.64	1368.36
29-Oct-2015	1229	DR	M-SCOPE	18.77	0.00	1.55	17.22	1368.78
04-Jan-2016	1622	DR	M-SCOPE	17.78	0.00	1.55	16.23	1369.77
19-Apr-2016	1449	DR	M-SCOPE	17.34	0.00	1.55	15.79	1370.21
26-Jul-2016	1311	DR	M-SCOPE	15.22	0.00	1.55	13.67	1372.33
18-Oct-2016	1609	DR	M-SCOPE	13.21	0.00	1.55	11.66	1374.34

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1410	TB	M-SCOPE	23.97		1.66	22.31	1357.39
27-Mar-2002	1100	TB	M-SCOPE	23.60		1.66	21.94	1357.76
09-Jul-2002	925	TB	M-SCOPE	31.06		1.66	29.40	1350.30
11-Oct-2002	1210	CM	M-SCOPE	26.96		1.66	25.30	1354.40
31-Oct-2002	941	TDB	M-SCOPE	22.39		1.66	20.73	1358.97
24-Jan-2003	1421	TB	M-SCOPE	23.62	0.00	1.66	21.96	1357.74
28-Apr-2003	1540	TB	M-SCOPE	19.57	0.00	1.66	17.91	1361.79
23-Jul-2003	1449	TB	M-SCOPE	32.27	0.00	1.66	30.61	1349.09
28-Oct-2003	1555	TB	M-SCOPE	21.35	0.00	1.66	19.69	1360.01
23-Jan-2004	1129	TB	M-SCOPE	22.99	0.00	1.66	21.33	1358.37
20-Apr-2004	930	TB	M-SCOPE	20.90	0.00	1.66	19.24	1360.46
22-Jul-2004	1528	TB	M-SCOPE	29.75	0.00	1.66	28.09	1351.61
25-Oct-2004	1713	TB	M-SCOPE	23.16	0.00	1.66	21.50	1358.20
20-Jan-2005	1601	TB	M-SCOPE	22.35	0.00	1.66	20.69	1359.01
06-Apr-2005	1412	TB	M-SCOPE	20.58	0.00	1.66	18.92	1360.78
19-Jul-2005	1612	TB	M-SCOPE	26.39	0.00	1.66	24.73	1354.97
21-Oct-2005	848	DR	M-SCOPE	21.21	0.00	1.66	19.55	1360.15
18-Jan-2006	1259	DR	M-SCOPE	22.11	0.00	1.66	20.45	1359.25
21-Apr-2006	1229	DR	M-SCOPE	25.29	0.00	1.66	23.63	1356.07
20-Jul-2006	1539	DR	M-SCOPE	31.43	0.00	1.66	29.77	1349.93
23-Oct-2006	1553	DR	M-SCOPE	26.68	0.00	1.66	25.02	1354.68
23-Jan-2007	1201	DR	M-SCOPE	25.04	0.00	1.66	23.38	1356.32
10-Apr-2007	1153	DR	M-SCOPE	22.31	0.00	1.66	20.65	1359.05
19-Jul-2007	1414	DR	M-SCOPE	20.09	0.00	1.66	18.43	1361.27
25-Oct-2007	1436	DR	M-SCOPE	23.40	0.00	1.66	21.74	1357.96
11-Jan-2008	1129	DR	M-SCOPE	23.10	0.00	1.66	21.44	1358.26
02-Apr-2008	1427	DR	M-SCOPE	23.03	0.00	1.66	21.37	1358.33
21-Jul-2008	1416	DR	M-SCOPE	28.57	0.00	1.66	26.91	1352.79
24-Oct-2008	1230	DR	M-SCOPE	18.83	0.00	1.66	17.17	1362.53
19-Jan-2009	1344	DR	M-SCOPE	21.46	0.00	1.66	19.80	1359.90
09-Apr-2009	1304	DR	M-SCOPE	21.39	0.00	1.66	19.73	1359.97
20-Jul-2009	1435	DR	M-SCOPE	26.20	0.00	1.66	24.54	1355.16
20-Oct-2009	1342	DR	M-SCOPE	20.56	0.00	1.66	18.90	1360.80
14-Jan-2010	1541	DR	M-SCOPE	21.31	0.00	1.66	19.65	1360.05
15-Apr-2010	1500	DR	M-SCOPE	22.70	0.00	1.66	21.04	1358.66
16-Jul-2010	1408	DR	M-SCOPE	22.84	0.00	1.66	21.18	1358.52
19-Oct-2010	1403	DR	M-SCOPE	22.27	0.00	1.66	20.61	1359.09
21-Jan-2011	1524	DR	M-SCOPE	22.62	0.00	1.66	20.96	1358.74
08-Apr-2011	1232	DR	M-SCOPE	23.07	0.00	1.66	21.41	1358.29
22-Jul-2011	1302	DR	M-SCOPE	31.21	0.00	1.66	29.55	1350.15
18-Oct-2011	1340	DR	M-SCOPE	30.55	0.00	1.66	28.89	1350.81
16-Jan-2012	1341	DR	M-SCOPE	26.61	0.00	1.66	24.95	1354.75
02-Mar-2012	1001	DR	M-SCOPE	24.83	0.00	1.66	23.17	1356.53
27-Apr-2012	1512	DR	M-SCOPE	22.72	0.00	1.66	21.06	1358.64
31-Jul-2012	1338	DR	M-SCOPE	33.29	0.00	1.66	31.63	1348.07
18-Oct-2012	1605	DR	M-SCOPE	30.17	0.00	1.66	28.51	1351.19
21-Jan-2013	1519	DR	M-SCOPE	27.72	0.00	1.66	26.06	1353.64
29-Apr-2013	1453	DR	M-SCOPE	26.24	0.00	1.66	24.58	1355.12
25-Jul-2013	1452	DR	M-SCOPE	29.11	0.00	1.66	27.45	1352.25
10-Oct-2013	1307	DR	M-SCOPE	22.35	0.00	1.66	20.69	1359.01
02-Jan-2014	1503	DR	M-SCOPE	22.53	0.00	1.66	20.87	1358.83
25-Apr-2014	1153	DR	M-SCOPE	24.43	0.00	1.66	22.77	1356.93
15-Jul-2014	1608	DR	M-SCOPE	23.52	0.00	1.66	21.86	1357.84
27-Oct-2014	1442	DR	M-SCOPE	23.90	0.00	1.66	22.24	1357.46
09-Jan-2015	1421	DR	M-SCOPE	24.38	0.00	1.66	22.72	1356.98
21-Apr-2015	1324	DR	M-SCOPE	23.81	0.00	1.66	22.15	1357.55
03-Aug-2015	1525	DR	M-SCOPE	23.05	0.00	1.66	21.39	1358.31
29-Oct-2015	1221	DR	M-SCOPE	22.34	0.00	1.66	20.68	1359.02
04-Jan-2016	1613	DR	M-SCOPE	19.08	0.00	1.66	17.42	1362.28
19-Apr-2016	1438	DR	M-SCOPE	22.08	0.00	1.66	20.42	1359.28
26-Jul-2016	1318	DR	M-SCOPE	24.07	0.00	1.66	22.41	1357.29
18-Oct-2016	1600	DR	M-SCOPE	16.53	0.00	1.66	14.87	1364.83

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
24-Oct-2001	1415	TB	M-SCOPE	23.78		1.54	22.24	1357.46
27-Mar-2002	1245	TB	M-SCOPE	23.42		1.54	21.88	1357.82
09-Jul-2002	1140	TB	M-SCOPE	30.70		1.54	29.16	1350.54
11-Oct-2002	1215	CM	M-SCOPE	26.69		1.54	25.15	1354.55
31-Oct-2002	942	TDB	M-SCOPE	22.26		1.54	20.72	1358.98
24-Jan-2003	1421	TB	M-SCOPE	23.48	0.00	1.54	21.94	1357.76
28-Apr-2003	1540	TB	M-SCOPE	19.49	0.00	1.54	17.95	1361.75
23-Jul-2003	1449	TB	M-SCOPE	32.07	0.00	1.54	30.53	1349.17
28-Oct-2003	1556	TB	M-SCOPE	21.25	0.00	1.54	19.71	1359.99
23-Jan-2004	1129	TB	M-SCOPE	22.85	0.00	1.54	21.31	1358.39
20-Apr-2004	931	TB	M-SCOPE	20.79	0.00	1.54	19.25	1360.45
22-Jul-2004	1528	TB	M-SCOPE	29.59	0.00	1.54	28.05	1351.65
25-Oct-2004	1713	TB	M-SCOPE	23.02	0.00	1.54	21.48	1358.22
20-Jan-2005	1601	TB	M-SCOPE	22.24	0.00	1.54	20.70	1359.00
06-Apr-2005	1413	TB	M-SCOPE	20.48	0.00	1.54	18.94	1360.76
19-Jul-2005	1612	TB	M-SCOPE	26.25	0.00	1.54	24.71	1354.99
21-Oct-2005	849	DR	M-SCOPE	21.08	0.00	1.54	19.54	1360.16
18-Jan-2006	1259	DR	M-SCOPE	22.00	0.00	1.54	20.46	1359.24
21-Apr-2006	1229	DR	M-SCOPE	25.20	0.00	1.54	23.66	1356.04
20-Jul-2006	1538	DR	M-SCOPE	31.27	0.00	1.54	29.73	1349.97
23-Oct-2006	1554	DR	M-SCOPE	26.49	0.00	1.54	24.95	1354.75
23-Jan-2007	1201	DR	M-SCOPE	24.88	0.00	1.54	23.34	1356.36
10-Apr-2007	1153	DR	M-SCOPE	22.21	0.00	1.54	20.67	1359.03
19-Jul-2007	1414	DR	M-SCOPE	20.07	0.00	1.54	18.53	1361.17
25-Oct-2007	1437	DR	M-SCOPE	23.27	0.00	1.54	21.73	1357.97
11-Jan-2008	1128	DR	M-SCOPE	22.95	0.00	1.54	21.41	1358.29
02-Apr-2008	1428	DR	M-SCOPE	22.90	0.00	1.54	21.36	1358.34
21-Jul-2008	1416	DR	M-SCOPE	28.40	0.00	1.54	26.86	1352.84
24-Oct-2008	1231	DR	M-SCOPE	18.76	0.00	1.54	17.22	1362.48
19-Jan-2009	1343	DR	M-SCOPE	21.30	0.00	1.54	19.76	1359.94
09-Apr-2009	1305	DR	M-SCOPE	21.29	0.00	1.54	19.75	1359.95
20-Jul-2009	1436	DR	M-SCOPE	25.90	0.00	1.54	24.36	1355.34
20-Oct-2009	1343	DR	M-SCOPE	20.44	0.00	1.54	18.90	1360.80
14-Jan-2010	1540	DR	M-SCOPE	21.15	0.00	1.54	19.61	1360.09
15-Apr-2010	1500	DR	M-SCOPE	22.58	0.00	1.54	21.04	1358.66
16-Jul-2010	1409	DR	M-SCOPE	22.78	0.00	1.54	21.24	1358.46
19-Oct-2010	1403	DR	M-SCOPE	22.11	0.00	1.54	20.57	1359.13
21-Jan-2011	1524	DR	M-SCOPE	22.41	0.00	1.54	20.87	1358.83
08-Apr-2011	1232	DR	M-SCOPE	22.88	0.00	1.54	21.34	1358.36
22-Jul-2011	1302	DR	M-SCOPE	31.00	0.00	1.54	29.46	1350.24
18-Oct-2011	1340	DR	M-SCOPE	30.31	0.00	1.54	28.77	1350.93
16-Jan-2012	1341	DR	M-SCOPE	26.42	0.00	1.54	24.88	1354.82
02-Mar-2012	1001	DR	M-SCOPE	24.65	0.00	1.54	23.11	1356.59
27-Apr-2012	1511	DR	M-SCOPE	22.55	0.00	1.54	21.01	1358.69
31-Jul-2012	1338	DR	M-SCOPE	33.20	0.00	1.54	31.66	1348.04
18-Oct-2012	1605	DR	M-SCOPE	29.99	0.00	1.54	28.45	1351.25
21-Jan-2013	1518	DR	M-SCOPE	27.55	0.00	1.54	26.01	1353.69
29-Apr-2013	1454	DR	M-SCOPE	26.09	0.00	1.54	24.55	1355.15
25-Jul-2013	1452	DR	M-SCOPE	28.90	0.00	1.54	27.36	1352.34
10-Oct-2013	1307	DR	M-SCOPE	22.21	0.00	1.54	20.67	1359.03
02-Jan-2014	1503	DR	M-SCOPE	22.37	0.00	1.54	20.83	1358.87
25-Apr-2014	1152	DR	M-SCOPE	24.25	0.00	1.54	22.71	1356.99
15-Jul-2014	1608	DR	M-SCOPE	23.32	0.00	1.54	21.78	1357.92
27-Oct-2014	1442	DR	M-SCOPE	23.73	0.00	1.54	22.19	1357.51
09-Jan-2015	1421	DR	M-SCOPE	24.21	0.00	1.54	22.67	1357.03
21-Apr-2015	1325	DR	M-SCOPE	23.63	0.00	1.54	22.09	1357.61
03-Aug-2015	1525	DR	M-SCOPE	22.83	0.00	1.54	21.29	1358.41
29-Oct-2015	1221	DR	M-SCOPE	22.18	0.00	1.54	20.64	1359.06
04-Jan-2016	1612	DR	M-SCOPE	19.04	0.00	1.54	17.50	1362.20
19-Apr-2016	1437	DR	M-SCOPE	21.95	0.00	1.54	20.41	1359.29
26-Jul-2016	1318	DR	M-SCOPE	23.91	0.00	1.54	22.37	1357.33
18-Oct-2016	1600	DR	M-SCOPE	16.44	0.00	1.54	14.90	1364.80

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1140	TB	M-SCOPE	10.30		1.79	8.51	1419.49
28-Mar-2002	1025	TB	M-SCOPE	10.29		1.79	8.50	1419.50
16-Jul-2002	950	TB	M-SCOPE	11.13		1.79	9.34	1418.66
11-Oct-2002	1225	CM	M-SCOPE	10.10		1.79	8.31	1419.69
31-Oct-2002	1147	TDB	M-SCOPE	9.48		1.79	7.69	1420.31
27-Jan-2003	923	TB	M-SCOPE	10.02	0.00	1.79	8.23	1419.77
29-Apr-2003	1011	TB	M-SCOPE	8.59	0.00	1.79	6.80	1421.20
23-Jul-2003	1551	TB	M-SCOPE	10.97	0.00	1.79	9.18	1418.82
29-Oct-2003	1207	TB	M-SCOPE	10.38	0.00	1.79	8.59	1419.41
23-Jan-2004	1248	TB	M-SCOPE	10.56	0.00	1.79	8.77	1419.23
20-Apr-2004	1036	TB	M-SCOPE	9.45	0.00	1.79	7.66	1420.34
26-Jul-2004	1107	TB	M-SCOPE	8.36	0.00	1.79	6.57	1421.43
27-Oct-2004	1259	TB	M-SCOPE	9.35	0.00	1.79	7.56	1420.44
21-Jan-2005	947	TB	M-SCOPE	8.68	0.00	1.79	6.89	1421.11
07-Apr-2005	1349	TB	M-SCOPE	8.35	0.00	1.79	6.56	1421.44
20-Jul-2005	947	TB	M-SCOPE	8.18	0.00	1.79	6.39	1421.61
21-Oct-2005	1129	DR	M-SCOPE	8.86	0.00	1.79	7.07	1420.93
18-Jan-2006	1405	DR	M-SCOPE	9.33	0.00	1.79	7.54	1420.46
21-Apr-2006	1124	DR	M-SCOPE	9.70	0.00	1.79	7.91	1420.09
19-Jul-2006	1316	DR	M-SCOPE	10.46	0.00	1.79	8.67	1419.33
24-Oct-2006	1430	DR	M-SCOPE	11.08	0.00	1.79	9.29	1418.71
23-Jan-2007	1604	DR	M-SCOPE	11.07	0.00	1.79	9.28	1418.72
09-Apr-2007	1504	DR	M-SCOPE	10.08	0.00	1.79	8.29	1419.71
19-Jul-2007	1530	DR	M-SCOPE	7.00	0.00	1.79	5.21	1422.79
26-Oct-2007	1306	DR	M-SCOPE	9.36	0.00	1.79	7.57	1420.43
10-Jan-2008	1656	DR	M-SCOPE	9.22	0.00	1.79	7.43	1420.57
02-Apr-2008	1521	DR	M-SCOPE	8.44	0.00	1.79	6.65	1421.35
21-Jul-2008	1238	DR	M-SCOPE	8.89	0.00	1.79	7.10	1420.90
21-Oct-2008	1150	TR	M-SCOPE	8.37	0.00	1.79	6.58	1421.42
19-Jan-2009	1207	DR	M-SCOPE	8.44	0.00	1.79	6.65	1421.35
10-Apr-2009	1121	DR	M-SCOPE	8.57	0.00	1.79	6.78	1421.22
21-Jul-2009	1438	DR	M-SCOPE	8.81	0.00	1.79	7.02	1420.98
20-Oct-2009	1459	DR	M-SCOPE	9.17	0.00	1.79	7.38	1420.62
14-Jan-2010	1637	DR	M-SCOPE	9.00	0.00	1.79	7.21	1420.79
15-Apr-2010	1332	DR	M-SCOPE	8.64	0.00	1.79	6.85	1421.15
15-Jul-2010	1549	DR	M-SCOPE	6.74	0.00	1.79	4.95	1423.05
19-Oct-2010	934	DR	M-SCOPE	9.24	0.00	1.79	7.45	1420.55
21-Jan-2011	1148	DR	M-SCOPE	9.39	0.00	1.79	7.60	1420.40
07-Apr-2011	1339	DR	M-SCOPE	9.42	0.00	1.79	7.63	1420.37
22-Jul-2011	1303	DR	M-SCOPE	10.91	0.00	1.79	9.12	1418.88
18-Oct-2011	1137	DR	M-SCOPE	12.55	0.00	1.79	10.76	1417.24
16-Jan-2012	1238	DR	M-SCOPE	11.80	0.00	1.79	10.01	1417.99
02-Mar-2012	1105	DR	M-SCOPE	10.94	0.00	1.79	9.15	1418.85
27-Apr-2012	1135	DR	M-SCOPE	10.54	0.00	1.79	8.75	1419.25
31-Jul-2012	1230	DR	M-SCOPE	13.00	0.00	1.79	11.21	1416.79
18-Oct-2012	1416	DR	M-SCOPE	13.13	0.00	1.79	11.34	1416.66
21-Jan-2013	1421	DR	M-SCOPE	12.87	0.00	1.79	11.08	1416.92
29-Apr-2013	1421	DR	M-SCOPE	12.41	0.00	1.79	10.62	1417.38
26-Jul-2013	1259	DR	M-SCOPE	11.50	0.00	1.79	9.71	1418.29
10-Oct-2013	1200	DR	M-SCOPE	9.36	0.00	1.79	7.57	1420.43
02-Jan-2014	1610	DR	M-SCOPE	9.58	0.00	1.79	7.79	1420.21
25-Apr-2014	1107	DR	M-SCOPE	10.03	0.00	1.79	8.24	1419.76
15-Jul-2014	1139	DR	M-SCOPE	8.72	0.00	1.79	6.93	1421.07
28-Oct-2014	1609	DR	M-SCOPE	11.03	0.00	1.79	9.24	1418.76
09-Jan-2015	1218	DR	M-SCOPE	11.08	0.00	1.79	9.29	1418.71
20-Apr-2015	1458	DR	M-SCOPE	11.14	0.00	1.79	9.35	1418.65
04-Aug-2015	1334	DR	M-SCOPE	9.10	0.00	1.79	7.31	1420.69
29-Oct-2015	1119	DR	M-SCOPE	10.33	0.00	1.79	8.54	1419.46
04-Jan-2016	1233	DR	M-SCOPE	8.37	0.00	1.79	6.58	1421.42
19-Apr-2016	1301	DR	M-SCOPE	9.00	0.00	1.79	7.21	1420.79
26-Jul-2016	1418	DR	M-SCOPE	7.77	0.00	1.79	5.98	1422.02
18-Oct-2016	1525	DR	M-SCOPE	6.77	0.00	1.79	4.98	1423.02

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
15-Feb-2002	1145	TB	M-SCOPE	10.02		1.67	8.35	1419.75
28-Mar-2002	1200	TB	M-SCOPE	10.00		1.67	8.33	1419.77
16-Jul-2002	1140	TB	M-SCOPE	12.53		1.67	10.86	1417.24
11-Oct-2002	1230	CM	M-SCOPE	9.97		1.67	8.30	1419.80
31-Oct-2002	1148	TDB	M-SCOPE	9.37		1.67	7.70	1420.40
27-Jan-2003	924	TB	M-SCOPE	9.81	0.00	1.67	8.14	1419.96
29-Apr-2003	1012	TB	M-SCOPE	8.34	0.00	1.67	6.67	1421.43
23-Jul-2003	1552	TB	M-SCOPE	13.92	0.00	1.67	12.25	1415.85
29-Oct-2003	1208	TB	M-SCOPE	10.21	0.00	1.67	8.54	1419.56
23-Jan-2004	1248	TB	M-SCOPE	10.23	0.00	1.67	8.56	1419.54
20-Apr-2004	1037	TB	M-SCOPE	9.27	0.00	1.67	7.60	1420.50
26-Jul-2004	1107	TB	M-SCOPE	8.21	0.00	1.67	6.54	1421.56
27-Oct-2004	1259	TB	M-SCOPE	9.21	0.00	1.67	7.54	1420.56
21-Jan-2005	947	TB	M-SCOPE	8.53	0.00	1.67	6.86	1421.24
07-Apr-2005	1349	TB	M-SCOPE	8.29	0.00	1.67	6.62	1421.48
20-Jul-2005	948	TB	M-SCOPE	9.31	0.00	1.67	7.64	1420.46
21-Oct-2005	1129	DR	M-SCOPE	8.93	0.00	1.67	7.26	1420.84
18-Jan-2006	1407	DR	M-SCOPE	9.24	0.00	1.67	7.57	1420.53
21-Apr-2006	1124	DR	M-SCOPE	9.71	0.00	1.67	8.04	1420.06
19-Jul-2006	1317	DR	M-SCOPE	13.78	0.00	1.67	12.11	1415.99
24-Oct-2006	1430	DR	M-SCOPE	10.59	0.00	1.67	8.92	1419.18
23-Jan-2007	1604	DR	M-SCOPE	10.70	0.00	1.67	9.03	1419.07
09-Apr-2007	1504	DR	M-SCOPE	9.59	0.00	1.67	7.92	1420.18
19-Jul-2007	1530	DR	M-SCOPE	7.53	0.00	1.67	5.86	1422.24
26-Oct-2007	1306	DR	M-SCOPE	9.36	0.00	1.67	7.69	1420.41
10-Jan-2008	1656	DR	M-SCOPE	9.03	0.00	1.67	7.36	1420.74
02-Apr-2008	1521	DR	M-SCOPE	8.40	0.00	1.67	6.73	1421.37
21-Jul-2008	1238	DR	M-SCOPE	11.05	0.00	1.67	9.38	1418.72
21-Oct-2008	1150	TR	M-SCOPE	8.17	0.00	1.67	6.50	1421.60
19-Jan-2009	1206	DR	M-SCOPE	8.36	0.00	1.67	6.69	1421.41
10-Apr-2009	1121	DR	M-SCOPE	8.35	0.00	1.67	6.68	1421.42
21-Jul-2009	1437	DR	M-SCOPE	9.06	0.00	1.67	7.39	1420.71
20-Oct-2009	1500	DR	M-SCOPE	9.05	0.00	1.67	7.38	1420.72
14-Jan-2010	1636	DR	M-SCOPE	8.78	0.00	1.67	7.11	1420.99
15-Apr-2010	1333	DR	M-SCOPE	8.59	0.00	1.67	6.92	1421.18
15-Jul-2010	1550	DR	M-SCOPE	8.85	0.00	1.67	7.18	1420.92
19-Oct-2010	935	DR	M-SCOPE	9.23	0.00	1.67	7.56	1420.54
21-Jan-2011	1149	DR	M-SCOPE	9.14	0.00	1.67	7.47	1420.63
07-Apr-2011	1339	DR	M-SCOPE	9.22	0.00	1.67	7.55	1420.55
22-Jul-2011	1303	DR	M-SCOPE	13.91	0.00	1.67	12.24	1415.86
18-Oct-2011	1137	DR	M-SCOPE	12.26	0.00	1.67	10.59	1417.51
16-Jan-2012	1238	DR	M-SCOPE	11.39	0.00	1.67	9.72	1418.38
02-Mar-2012	1105	DR	M-SCOPE	10.60	0.00	1.67	8.93	1419.17
27-Apr-2012	1135	DR	M-SCOPE	10.45	0.00	1.67	8.78	1419.32
31-Jul-2012	1230	DR	M-SCOPE	15.74	0.00	1.67	14.07	1414.03
18-Oct-2012	1416	DR	M-SCOPE	12.79	0.00	1.67	11.12	1416.98
21-Jan-2013	1421	DR	M-SCOPE	12.41	0.00	1.67	10.74	1417.36
29-Apr-2013	1421	DR	M-SCOPE	11.91	0.00	1.67	10.24	1417.86
26-Jul-2013	1259	DR	M-SCOPE	11.42	0.00	1.67	9.75	1418.35
10-Oct-2013	1200	DR	M-SCOPE	9.45	0.00	1.67	7.78	1420.32
02-Jan-2014	1610	DR	M-SCOPE	9.54	0.00	1.67	7.87	1420.23
25-Apr-2014	1107	DR	M-SCOPE	10.02	0.00	1.67	8.35	1419.75
15-Jul-2014	1140	DR	M-SCOPE	10.48	0.00	1.67	8.81	1419.29
28-Oct-2014	1609	DR	M-SCOPE	10.88	0.00	1.67	9.21	1418.89
09-Jan-2015	1218	DR	M-SCOPE	10.84	0.00	1.67	9.17	1418.93
20-Apr-2015	1457	DR	M-SCOPE	10.91	0.00	1.67	9.24	1418.86
04-Aug-2015	1333	DR	M-SCOPE	9.37	0.00	1.67	7.70	1420.40
29-Oct-2015	1119	DR	M-SCOPE	10.33	0.00	1.67	8.66	1419.44
04-Jan-2016	1233	DR	M-SCOPE	8.40	0.00	1.67	6.73	1421.37
19-Apr-2016	1302	DR	M-SCOPE	8.88	0.00	1.67	7.21	1420.89
26-Jul-2016	1418	DR	M-SCOPE	9.51	0.00	1.67	7.84	1420.26
18-Oct-2016	1526	DR	M-SCOPE	6.95	0.00	1.67	5.28	1422.82

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
24-Oct-2001	1505	TB	M-SCOPE	12.13		1.69	10.44	1408.66
20-Dec-2001	1035	TB	M-SCOPE	10.30		1.69	8.61	1410.49
17-Jul-2002	915	TB	M-SCOPE	12.83		1.69	11.14	1407.96
11-Oct-2002	1245	CM	M-SCOPE	13.31		1.69	11.62	1407.48
31-Oct-2002	1200	TDB	M--SCOPE	13.11		1.69	11.42	1407.68
27-Jan-2003	938	TB	M-SCOPE	12.92	0.00	1.69	11.23	1407.87
29-Apr-2003	1022	TB	M-SCOPE	11.80	0.00	1.69	10.11	1408.99
23-Jul-2003	1542	TB	M-SCOPE	13.13	0.00	1.69	11.44	1407.66
29-Oct-2003	1219	TB	M-SCOPE	13.43	0.00	1.69	11.74	1407.36
23-Jan-2004	1307	TB	M-SCOPE	13.54	0.00	1.69	11.85	1407.25
20-Apr-2004	1110	TB	M-SCOPE	12.48	0.00	1.69	10.79	1408.31
26-Jul-2004	1054	TB	M-SCOPE	11.18	0.00	1.69	9.49	1409.61
27-Oct-2004	1246	TB	M-SCOPE	12.18	0.00	1.69	10.49	1408.61
21-Jan-2005	1000	TB	M-SCOPE	11.72	0.00	1.69	10.03	1409.07
07-Apr-2005	1412	TB	M-SCOPE	11.08	0.00	1.69	9.39	1409.71
20-Jul-2005	1001	TB	M-SCOPE	9.84	0.00	1.69	8.15	1410.95
21-Oct-2005	1116	DR	M-SCOPE	10.49	0.00	1.69	8.80	1410.30
18-Jan-2006	1356	DR	M-SCOPE	11.00	0.00	1.69	9.31	1409.79
21-Apr-2006	1117	DR	M-SCOPE	11.43	0.00	1.69	9.74	1409.36
19-Jul-2006	1330	DR	M-SCOPE	11.89	0.00	1.69	10.20	1408.90
24-Oct-2006	1442	DR	M-SCOPE	12.90	0.00	1.69	11.21	1407.89
23-Jan-2007	1526	DR	M-SCOPE	14.25	0.00	1.69	12.56	1406.54
09-Apr-2007	1456	DR	M-SCOPE	12.60	0.00	1.69	10.91	1408.19
19-Jul-2007	1520	DR	M-SCOPE	8.80	0.00	1.69	7.11	1411.99
26-Oct-2007	1316	DR	M-SCOPE	11.59	0.00	1.69	9.90	1409.20
10-Jan-2008	1648	DR	M-SCOPE	11.78	0.00	1.69	10.09	1409.01
02-Apr-2008	1605	DR	M-SCOPE	11.18	0.00	1.69	9.49	1409.61
21-Jul-2008	1225	DR	M-SCOPE	10.19	0.00	1.69	8.50	1410.60
21-Oct-2008	1123	TR	M-SCOPE	10.58	0.00	1.69	8.89	1410.21
19-Jan-2009	1223	DR	M-SCOPE	10.69	0.00	1.69	9.00	1410.10
10-Apr-2009	1111	DR	M-SCOPE	10.69	0.00	1.69	9.00	1410.10
21-Jul-2009	1429	DR	M-SCOPE	10.76	0.00	1.69	9.07	1410.03
20-Oct-2009	1511	DR	M-SCOPE	10.85	0.00	1.69	9.16	1409.94
14-Jan-2010	1618	DR	M-SCOPE	10.88	0.00	1.69	9.19	1409.91
15-Apr-2010	1349	DR	M-SCOPE	10.55	0.00	1.69	8.86	1410.24
15-Jul-2010	1540	DR	M-SCOPE	7.43	0.00	1.69	5.74	1413.36
19-Oct-2010	953	DR	M-SCOPE	11.00	0.00	1.69	9.31	1409.79
21-Jan-2011	1241	DR	M-SCOPE	11.27	0.00	1.69	9.58	1409.52
07-Apr-2011	1357	DR	M-SCOPE	11.33	0.00	1.69	9.64	1409.46
22-Jul-2011	1304	DR	M-SCOPE	11.61	0.00	1.69	9.92	1409.18
18-Oct-2011	1152	DR	M-SCOPE	14.32	0.00	1.69	12.63	1406.47
16-Jan-2012	1245	DR	M-SCOPE	14.30	0.00	1.69	12.61	1406.49
02-Mar-2012	1058	DR	M-SCOPE	13.74	0.00	1.69	12.05	1407.05
27-Apr-2012	1308	DR	M-SCOPE	13.22	0.00	1.69	11.53	1407.57
31-Jul-2012	1241	DR	M-SCOPE	14.99	0.00	1.69	13.30	1405.80
18-Oct-2012	1425	DR	M-SCOPE	15.64	0.00	1.69	13.95	1405.15
21-Jan-2013	1412	DR	M-SCOPE	15.61	0.00	1.69	13.92	1405.18
29-Apr-2013	1411	DR	M-SCOPE	15.33	0.00	1.69	13.64	1405.46
26-Jul-2013	1116	DR	M-SCOPE	15.00	0.00	1.69	13.31	1405.79
10-Oct-2013	1041	DR	M-SCOPE	11.53	0.00	1.69	9.84	1409.26
02-Jan-2014	1619	DR	M-SCOPE	11.83	0.00	1.69	10.14	1408.96
25-Apr-2014	1058	DR	M-SCOPE	12.16	0.00	1.69	10.47	1408.63
15-Jul-2014	1148	DR	M-SCOPE	10.98	0.00	1.69	9.29	1409.81
28-Oct-2014	1601	DR	M-SCOPE	12.78	0.00	1.69	11.09	1408.01
09-Jan-2015	1210	DR	M-SCOPE	13.03	0.00	1.69	11.34	1407.76
20-Apr-2015	1508	DR	M-SCOPE	13.33	0.00	1.69	11.64	1407.46
04-Aug-2015	1342	DR	M-SCOPE	11.30	0.00	1.69	9.61	1409.49
29-Oct-2015	1131	DR	M-SCOPE	11.88	0.00	1.69	10.19	1408.91
04-Jan-2016	1225	DR	M-SCOPE	10.83	0.00	1.69	9.14	1409.96
19-Apr-2016	1317	DR	M-SCOPE	10.53	0.00	1.69	8.84	1410.26
26-Jul-2016	1411	DR	M-SCOPE	9.30	0.00	1.69	7.61	1411.49
18-Oct-2016	1535	DR	M-SCOPE	7.75	0.00	1.69	6.06	1413.04

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
24-Oct-2001	1500	TB	M-SCOPE	11.88		1.46	10.42	1408.68
20-Dec-2001	1155	TB	M-SCOPE	10.05		1.46	8.59	1410.51
17-Jul-2002	1140	TB	M-SCOPE	13.69		1.46	12.23	1406.87
11-Oct-2002	1250	CM	M-SCOPE	12.88		1.46	11.42	1407.68
31-Oct-2002	1202	TDB	M-SCOPE	12.64		1.46	11.18	1407.92
27-Jan-2003	939	TB	M-SCOPE	12.43	0.00	1.46	10.97	1408.13
29-Apr-2003	1023	TB	M-SCOPE	11.33	0.00	1.46	9.87	1409.23
23-Jul-2003	1543	TB	M-SCOPE	13.81	0.00	1.46	12.35	1406.75
29-Oct-2003	1220	TB	M-SCOPE	12.98	0.00	1.46	11.52	1407.58
23-Jan-2004	1307	TB	M-SCOPE	13.05	0.00	1.46	11.59	1407.51
20-Apr-2004	1111	TB	M-SCOPE	11.98	0.00	1.46	10.52	1408.58
26-Jul-2004	1054	TB	M-SCOPE	10.95	0.00	1.46	9.49	1409.61
27-Oct-2004	1247	TB	M-SCOPE	11.74	0.00	1.46	10.28	1408.82
21-Jan-2005	1000	TB	M-SCOPE	11.24	0.00	1.46	9.78	1409.32
07-Apr-2005	1413	TB	M-SCOPE	10.63	0.00	1.46	9.17	1409.93
20-Jul-2005	1001	TB	M-SCOPE	9.59	0.00	1.46	8.13	1410.97
21-Oct-2005	1116	DR	M-SCOPE	10.14	0.00	1.46	8.68	1410.42
18-Jan-2006	1356	DR	M-SCOPE	10.62	0.00	1.46	9.16	1409.94
21-Apr-2006	1117	DR	M-SCOPE	11.04	0.00	1.46	9.58	1409.52
19-Jul-2006	1330	DR	M-SCOPE	12.60	0.00	1.46	11.14	1407.96
24-Oct-2006	1441	DR	M-SCOPE	12.50	0.00	1.46	11.04	1408.06
23-Jan-2007	1526	DR	M-SCOPE	12.82	0.00	1.46	11.36	1407.74
09-Apr-2007	1456	DR	M-SCOPE	12.20	0.00	1.46	10.74	1408.36
19-Jul-2007	1520	DR	M-SCOPE	8.65	0.00	1.46	7.19	1411.91
26-Oct-2007	1316	DR	M-SCOPE	11.21	0.00	1.46	9.75	1409.35
10-Jan-2008	1647	DR	M-SCOPE	11.38	0.00	1.46	9.92	1409.18
02-Apr-2008	1606	DR	M-SCOPE	10.73	0.00	1.46	9.27	1409.83
21-Jul-2008	1226	DR	M-SCOPE	10.69	0.00	1.46	9.23	1409.87
21-Oct-2008	1124	TR	M-SCOPE	10.23	0.00	1.46	8.77	1410.33
19-Jan-2009	1223	DR	M-SCOPE	10.28	0.00	1.46	8.82	1410.28
10-Apr-2009	1112	DR	M-SCOPE	10.28	0.00	1.46	8.82	1410.28
21-Jul-2009	1429	DR	M-SCOPE	10.51	0.00	1.46	9.05	1410.05
20-Oct-2009	1511	DR	M-SCOPE	10.50	0.00	1.46	9.04	1410.06
14-Jan-2010	1618	DR	M-SCOPE	10.49	0.00	1.46	9.03	1410.07
15-Apr-2010	1349	DR	M-SCOPE	10.13	0.00	1.46	8.67	1410.43
15-Jul-2010	1540	DR	M-SCOPE	7.24	0.00	1.46	5.78	1413.32
19-Oct-2010	953	DR	M-SCOPE	10.65	0.00	1.46	9.19	1409.91
21-Jan-2011	1241	DR	M-SCOPE	10.89	0.00	1.46	9.43	1409.67
07-Apr-2011	1356	DR	M-SCOPE	10.96	0.00	1.46	9.50	1409.60
22-Jul-2011	1304	DR	M-SCOPE	12.54	0.00	1.46	11.08	1408.02
18-Oct-2011	1152	DR	M-SCOPE	13.99	0.00	1.46	12.53	1406.57
16-Jan-2012	1246	DR	M-SCOPE	13.85	0.00	1.46	12.39	1406.71
02-Mar-2012	1057	DR	M-SCOPE	13.27	0.00	1.46	11.81	1407.29
27-Apr-2012	1308	DR	M-SCOPE	12.71	0.00	1.46	11.25	1407.85
31-Jul-2012	1241	DR	M-SCOPE	14.80	0.00	1.46	13.34	1405.76
18-Oct-2012	1426	DR	M-SCOPE	15.23	0.00	1.46	13.77	1405.33
21-Jan-2013	1412	DR	M-SCOPE	15.11	0.00	1.46	13.65	1405.45
29-Apr-2013	1411	DR	M-SCOPE	14.88	0.00	1.46	13.42	1405.68
26-Jul-2013	1116	DR	M-SCOPE	14.55	0.00	1.46	13.09	1406.01
10-Oct-2013	1041	DR	M-SCOPE	11.17	0.00	1.46	9.71	1409.39
02-Jan-2014	1619	DR	M-SCOPE	11.39	0.00	1.46	9.93	1409.17
25-Apr-2014	1058	DR	M-SCOPE	11.79	0.00	1.46	10.33	1408.77
15-Jul-2014	1148	DR	M-SCOPE	10.60	0.00	1.46	9.14	1409.96
28-Oct-2014	1601	DR	M-SCOPE	12.39	0.00	1.46	10.93	1408.17
09-Jan-2015	1210	DR	M-SCOPE	12.65	0.00	1.46	11.19	1407.91
20-Apr-2015	1507	DR	M-SCOPE	12.94	0.00	1.46	11.48	1407.62
04-Aug-2015	1343	DR	M-SCOPE	10.91	0.00	1.46	9.45	1409.65
29-Oct-2015	1131	DR	M-SCOPE	11.47	0.00	1.46	10.01	1409.09
04-Jan-2016	1226	DR	M-SCOPE	10.41	0.00	1.46	8.95	1410.15
19-Apr-2016	1318	DR	M-SCOPE	10.15	0.00	1.46	8.69	1410.41
26-Jul-2016	1410	DR	M-SCOPE	9.39	0.00	1.46	7.93	1411.17
18-Oct-2016	1536	DR	M-SCOPE	7.38	0.00	1.46	5.92	1413.18

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
15-Feb-2002	1250	TB	M-SCOPE	14.57		1.47	13.10	1395.60
29-Mar-2002	1045	TB	M-SCOPE	14.90		1.47	13.43	1395.27
15-Jul-2002	930	TB	M-SCOPE	14.90		1.47	13.43	1395.27
15-Oct-2002	1020	CM	M-SCOPE	15.25		1.47	13.78	1394.92
31-Oct-2002	1225	TDB	M-SCOPE	15.15		1.47	13.68	1395.02
24-Jan-2003	1521	TB	M-SCOPE	15.59	0.00	1.47	14.12	1394.58
29-Apr-2003	1037	TB	M-SCOPE	15.73	0.00	1.47	14.26	1394.44
23-Jul-2003	1532	TB	M-SCOPE	15.84	0.00	1.47	14.37	1394.33
29-Oct-2003	1234	TB	M-SCOPE	15.83	0.00	1.47	14.36	1394.34
23-Jan-2004	1318	TB	M-SCOPE	16.45	0.00	1.47	14.98	1393.72
20-Apr-2004	1124	TB	M-SCOPE	15.42	0.00	1.47	13.95	1394.75
26-Jul-2004	1040	TB	M-SCOPE	13.84	0.00	1.47	12.37	1396.33
27-Oct-2004	1229	TB	M-SCOPE	14.54	0.00	1.47	13.07	1395.63
21-Jan-2005	1017	TB	M-SCOPE	14.98	0.00	1.47	13.51	1395.19
07-Apr-2005	1422	TB	M-SCOPE	14.50	0.00	1.47	13.03	1395.67
20-Jul-2005	1015	TB	M-SCOPE	10.95	0.00	1.47	9.48	1399.22
21-Oct-2005	1101	DR	M-SCOPE	11.53	0.00	1.47	10.06	1398.64
18-Jan-2006	1342	DR	M-SCOPE	12.51	0.00	1.47	11.04	1397.66
21-Apr-2006	1152	DR	M-SCOPE	13.34	0.00	1.47	11.87	1396.83
20-Jul-2006	1255	DR	M-SCOPE	13.15	0.00	1.47	11.68	1397.02
24-Oct-2006	1509	DR	M-SCOPE	14.25	0.00	1.47	12.78	1395.92
23-Jan-2007	1423	DR	M-SCOPE	15.33	0.00	1.47	13.86	1394.84
09-Apr-2007	1532	DR	M-SCOPE	15.50	0.00	1.47	14.03	1394.67
19-Jul-2007	1452	DR	M-SCOPE	12.10	0.00	1.47	10.63	1398.07
26-Oct-2007	1412	DR	M-SCOPE	13.37	0.00	1.47	11.90	1396.80
10-Jan-2008	1633	DR	M-SCOPE	14.13	0.00	1.47	12.66	1396.04
03-Apr-2008	1149	DR	M-SCOPE	14.23	0.00	1.47	12.76	1395.94
21-Jul-2008	1319	DR	M-SCOPE	13.12	0.00	1.47	11.65	1397.05
24-Oct-2008	1407	DR	M-SCOPE	13.17	0.00	1.47	11.70	1397.00
19-Jan-2009	1303	DR	M-SCOPE	13.65	0.00	1.47	12.18	1396.52
10-Apr-2009	1057	DR	M-SCOPE	14.02	0.00	1.47	12.55	1396.15
21-Jul-2009	1501	DR	M-SCOPE	12.39	0.00	1.47	10.92	1397.78
20-Oct-2009	1524	DR	M-SCOPE	12.71	0.00	1.47	11.24	1397.46
15-Jan-2010	1156	DR	M-SCOPE	13.24	0.00	1.47	11.77	1396.93
15-Apr-2010	1306	DR	M-SCOPE	13.34	0.00	1.47	11.87	1396.83
15-Jul-2010	1525	DR	M-SCOPE	10.32	0.00	1.47	8.85	1399.85
19-Oct-2010	1100	DR	M-SCOPE	11.83	0.00	1.47	10.36	1398.34
21-Jan-2011	1257	DR	M-SCOPE	12.93	0.00	1.47	11.46	1397.24
07-Apr-2011	1409	DR	M-SCOPE	13.55	0.00	1.47	12.08	1396.62
22-Jul-2011	1305	DR	M-SCOPE	13.22	0.00	1.47	11.75	1396.95
18-Oct-2011	1238	DR	M-SCOPE	15.37	0.00	1.47	13.90	1394.80
16-Jan-2012	1256	DR	M-SCOPE	16.29	0.00	1.47	14.82	1393.88
02-Mar-2012	1047	DR	M-SCOPE	16.03	0.00	1.47	14.56	1394.14
27-Apr-2012	1317	DR	M-SCOPE	15.85	0.00	1.47	14.38	1394.32
31-Jul-2012	1251	DR	M-SCOPE	16.28	0.00	1.47	14.81	1393.89
18-Oct-2012	1437	DR	M-SCOPE	17.09	0.00	1.47	15.62	1393.08
21-Jan-2013	1357	DR	M-SCOPE	17.77	0.00	1.47	16.30	1392.40
29-Apr-2013	1401	DR	M-SCOPE	18.16	0.00	1.47	16.69	1392.01
26-Jul-2013	1130	DR	M-SCOPE	17.31	0.00	1.47	15.84	1392.86
10-Oct-2013	1055	DR	M-SCOPE	14.45	0.00	1.47	12.98	1395.72
02-Jan-2014	1554	DR	M-SCOPE	14.44	0.00	1.47	12.97	1395.73
25-Apr-2014	1050	DR	M-SCOPE	14.73	0.00	1.47	13.26	1395.44
15-Jul-2014	1158	DR	M-SCOPE	13.56	0.00	1.47	12.09	1396.61
28-Oct-2014	1550	DR	M-SCOPE	14.16	0.00	1.47	12.69	1396.01
09-Jan-2015	1202	DR	M-SCOPE	14.70	0.00	1.47	13.23	1395.47
20-Apr-2015	1518	DR	M-SCOPE	15.13	0.00	1.47	13.66	1395.04
04-Aug-2015	1356	DR	M-SCOPE	12.48	0.00	1.47	11.01	1397.69
29-Oct-2015	1141	DR	M-SCOPE	12.92	0.00	1.47	11.45	1397.25
04-Jan-2016	1213	DR	M-SCOPE	11.82	0.00	1.47	10.35	1398.35
19-Apr-2016	1332	DR	M-SCOPE	12.33	0.00	1.47	10.86	1397.84
26-Jul-2016	1356	DR	M-SCOPE	9.01	0.00	1.47	7.54	1401.16
19-Oct-2016	1002	DR	M-SCOPE	8.93	0.00	1.47	7.46	1401.24

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
15-Feb-2002	1255	TB	M-SCOPE	24.39		1.61	22.78	1385.92
29-Mar-2002	1125	TB	M-SCOPE	24.24		1.61	22.63	1386.07
15-Jul-2002	1200	TB	M-SCOPE	29.69		1.61	28.08	1380.62
15-Oct-2002	1025	CM	M-SCOPE	32.23		1.61	30.62	1378.08
31-Oct-2002	1227	TDB	M-SCOPE	27.46		1.61	25.85	1382.85
24-Jan-2003	1522	TB	M-SCOPE	26.81	0.00	1.61	25.20	1383.50
29-Apr-2003	1037	TB	M-SCOPE	26.92	0.00	1.61	25.31	1383.39
23-Jul-2003	1532	TB	M-SCOPE	33.09	0.00	1.61	31.48	1377.22
29-Oct-2003	1234	TB	M-SCOPE	28.00	0.00	1.61	26.39	1382.31
23-Jan-2004	1318	TB	M-SCOPE	27.13	0.00	1.61	25.52	1383.18
20-Apr-2004	1124	TB	M-SCOPE	27.54	0.00	1.61	25.93	1382.77
26-Jul-2004	1040	TB	M-SCOPE	30.74	0.00	1.61	29.13	1379.57
27-Oct-2004	1230	TB	M-SCOPE	27.51	0.00	1.61	25.90	1382.80
21-Jan-2005	1018	TB	M-SCOPE	27.04	0.00	1.61	25.43	1383.27
07-Apr-2005	1422	TB	M-SCOPE	26.84	0.00	1.61	25.23	1383.47
20-Jul-2005	1016	TB	M-SCOPE	30.03	0.00	1.61	28.42	1380.28
21-Oct-2005	1102	DR	M-SCOPE	25.06	0.00	1.61	23.45	1385.25
18-Jan-2006	1343	DR	M-SCOPE	24.44	0.00	1.61	22.83	1385.87
21-Apr-2006	1151	DR	M-SCOPE	26.80	0.00	1.61	25.19	1383.51
20-Jul-2006	1255	DR	M-SCOPE	37.14	0.00	1.61	35.53	1373.17
24-Oct-2006	1509	DR	M-SCOPE	27.41	0.00	1.61	25.80	1382.90
23-Jan-2007	1423	DR	M-SCOPE	27.20	0.00	1.61	25.59	1383.11
09-Apr-2007	1532	DR	M-SCOPE	27.21	0.00	1.61	25.60	1383.10
19-Jul-2007	1452	DR	M-SCOPE	30.81	0.00	1.61	29.20	1379.50
26-Oct-2007	1412	DR	M-SCOPE	28.35	0.00	1.61	26.74	1381.96
10-Jan-2008	1633	DR	M-SCOPE	25.70	0.00	1.61	24.09	1384.61
03-Apr-2008	1148	DR	M-SCOPE	25.77	0.00	1.61	24.16	1384.54
21-Jul-2008	1319	DR	M-SCOPE	34.03	0.00	1.61	32.42	1376.28
24-Oct-2008	1407	DR	M-SCOPE	30.83	0.00	1.61	29.22	1379.48
19-Jan-2009	1303	DR	M-SCOPE	25.44	0.00	1.61	23.83	1384.87
10-Apr-2009	1058	DR	M-SCOPE	23.96	0.00	1.61	22.35	1386.35
21-Jul-2009	1501	DR	M-SCOPE	25.88	0.00	1.61	24.27	1384.43
20-Oct-2009	1525	DR	M-SCOPE	23.62	0.00	1.61	22.01	1386.69
15-Jan-2010	1156	DR	M-SCOPE	23.24	0.00	1.61	21.63	1387.07
15-Apr-2010	1306	DR	M-SCOPE	28.12	0.00	1.61	26.51	1382.19
15-Jul-2010	1525	DR	M-SCOPE	29.40	0.00	1.61	27.79	1380.91
19-Oct-2010	1059	DR	M-SCOPE	24.19	0.00	1.61	22.58	1386.12
21-Jan-2011	1257	DR	M-SCOPE	28.38	0.00	1.61	26.77	1381.93
07-Apr-2011	1408	DR	M-SCOPE	26.30	0.00	1.61	24.69	1384.01
22-Jul-2011	1305	DR	M-SCOPE	36.96	0.00	1.61	35.35	1373.35
18-Oct-2011	1238	DR	M-SCOPE	26.00	0.00	1.61	24.39	1384.31
16-Jan-2012	1256	DR	M-SCOPE	25.46	0.00	1.61	23.85	1384.85
02-Mar-2012	1048	DR	M-SCOPE	25.09	0.00	1.61	23.48	1385.22
27-Apr-2012	1317	DR	M-SCOPE	25.14	0.00	1.61	23.53	1385.17
31-Jul-2012	1251	DR	M-SCOPE	31.48	0.00	1.61	29.87	1378.83
18-Oct-2012	1436	DR	M-SCOPE	27.26	0.00	1.61	25.65	1383.05
21-Jan-2013	1358	DR	M-SCOPE	27.24	0.00	1.61	25.63	1383.07
29-Apr-2013	1401	DR	M-SCOPE	27.15	0.00	1.61	25.54	1383.16
26-Jul-2013	1130	DR	M-SCOPE	30.04	0.00	1.61	28.43	1380.27
10-Oct-2013	1056	DR	M-SCOPE	26.70	0.00	1.61	25.09	1383.61
02-Jan-2014	1554	DR	M-SCOPE	24.78	0.00	1.61	23.17	1385.53
25-Apr-2014	1050	DR	M-SCOPE	25.31	0.00	1.61	23.70	1385.00
15-Jul-2014	1159	DR	M-SCOPE	25.15	0.00	1.61	23.54	1385.16
28-Oct-2014	1550	DR	M-SCOPE	24.16	0.00	1.61	22.55	1386.15
09-Jan-2015	1202	DR	M-SCOPE	23.81	0.00	1.61	22.20	1386.50
20-Apr-2015	1518	DR	M-SCOPE	23.87	0.00	1.61	22.26	1386.44
04-Aug-2015	1355	DR	M-SCOPE	28.38	0.00	1.61	26.77	1381.93
29-Oct-2015	1141	DR	M-SCOPE	22.30	0.00	1.61	20.69	1388.01
04-Jan-2016	1214	DR	M-SCOPE	21.22	0.00	1.61	19.61	1389.09
19-Apr-2016	1332	DR	M-SCOPE	20.83	0.00	1.61	19.22	1389.48
26-Jul-2016	1357	DR	M-SCOPE	19.57	0.00	1.61	17.96	1390.74
19-Oct-2016	1002	DR	M-SCOPE	15.77	0.00	1.61	14.16	1394.54

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
15-Feb-2002	1315	TB	M-SCOPE	18.30		2.15	16.15	1380.55
29-Mar-2002	1035	TB	M-SCOPE	19.53		2.15	17.38	1379.32
16-Jul-2002	1000	TB	M-SCOPE	20.15		2.15	18.00	1378.70
15-Oct-2002	1005	CM	M-SCOPE	21.15		2.15	19.00	1377.70
31-Oct-2002	1027	TDB	M-SCOPE	21.06		2.15	18.91	1377.79
24-Jan-2003	1505	TB	M-SCOPE	20.77	0.00	2.15	18.62	1378.08
29-Apr-2003	1050	TB	M-SCOPE	20.71	0.00	2.15	18.56	1378.14
23-Jul-2003	1521	TB	M-SCOPE	21.47	0.00	2.15	19.32	1377.38
28-Oct-2003	1641	TB	M-SCOPE	21.63	0.00	2.15	19.48	1377.22
23-Jan-2004	1330	TB	M-SCOPE	21.28	0.00	2.15	19.13	1377.57
20-Apr-2004	1138	TB	M-SCOPE	20.75	0.00	2.15	18.60	1378.10
26-Jul-2004	1024	TB	M-SCOPE	20.27	0.00	2.15	18.12	1378.58
27-Oct-2004	1212	TB	M-SCOPE	20.36	0.00	2.15	18.21	1378.49
21-Jan-2005	1030	TB	M-SCOPE	20.56	0.00	2.15	18.41	1378.29
07-Apr-2005	1431	TB	M-SCOPE	20.31	0.00	2.15	18.16	1378.54
20-Jul-2005	1027	TB	M-SCOPE	15.25	0.00	2.15	13.10	1383.60
21-Oct-2005	1207	DR	M-SCOPE	16.15	0.00	2.15	14.00	1382.70
18-Jan-2006	1331	DR	M-SCOPE	16.85	0.00	2.15	14.70	1382.00
21-Apr-2006	1200	DR	M-SCOPE	17.75	0.00	2.15	15.60	1381.10
20-Jul-2006	1305	DR	M-SCOPE	18.65	0.00	2.15	16.50	1380.20
23-Oct-2006	1518	DR	M-SCOPE	19.85	0.00	2.15	17.70	1379.00
23-Jan-2007	1356	DR	M-SCOPE	20.41	0.00	2.15	18.26	1378.44
09-Apr-2007	1547	DR	M-SCOPE	20.64	0.00	2.15	18.49	1378.21
19-Jul-2007	1442	DR	M-SCOPE	18.21	0.00	2.15	16.06	1380.64
26-Oct-2007	1517	DR	M-SCOPE	19.10	0.00	2.15	16.95	1379.75
10-Jan-2008	1722	DR	M-SCOPE	19.38	0.00	2.15	17.23	1379.47
02-Apr-2008	1620	DR	M-SCOPE	19.63	0.00	2.15	17.48	1379.22
21-Jul-2008	1329	DR	M-SCOPE	18.99	0.00	2.15	16.84	1379.86
24-Oct-2008	1419	DR	M-SCOPE	18.79	0.00	2.15	16.64	1380.06
19-Jan-2009	1313	DR	M-SCOPE	18.47	0.00	2.15	16.32	1380.38
10-Apr-2009	1047	DR	M-SCOPE	18.75	0.00	2.15	16.60	1380.10
21-Jul-2009	1512	DR	M-SCOPE	17.24	0.00	2.15	15.09	1381.61
20-Oct-2009	1542	DR	M-SCOPE	17.30	0.00	2.15	15.15	1381.55
15-Jan-2010	1207	DR	M-SCOPE	17.19	0.00	2.15	15.04	1381.66
15-Apr-2010	1251	DR	M-SCOPE	17.52	0.00	2.15	15.37	1381.33
15-Jul-2010	1500	DR	M-SCOPE	15.98	0.00	2.15	13.83	1382.87
19-Oct-2010	1112	DR	M-SCOPE	16.60	0.00	2.15	14.45	1382.25
21-Jan-2011	1422	DR	M-SCOPE	17.21	0.00	2.15	15.06	1381.64
08-Apr-2011	1113	DR	M-SCOPE	17.79	0.00	2.15	15.64	1381.06
22-Jul-2011	1305	DR	M-SCOPE	19.01	0.00	2.15	16.86	1379.84
18-Oct-2011	1249	DR	M-SCOPE	20.68	0.00	2.15	18.53	1378.17
16-Jan-2012	1308	DR	M-SCOPE	20.68	0.00	2.15	18.53	1378.17
02-Mar-2012	1039	DR	M-SCOPE	20.59	0.00	2.15	18.44	1378.26
27-Apr-2012	1445	DR	M-SCOPE	20.18	0.00	2.15	18.03	1378.67
31-Jul-2012	1259	DR	M-SCOPE	21.60	0.00	2.15	19.45	1377.25
18-Oct-2012	1450	DR	M-SCOPE	22.32	0.00	2.15	20.17	1376.53
21-Jan-2013	1345	DR	M-SCOPE	22.65	0.00	2.15	20.50	1376.20
29-Apr-2013	1352	DR	M-SCOPE	22.79	0.00	2.15	20.64	1376.06
26-Jul-2013	1143	DR	M-SCOPE	23.18	0.00	2.15	21.03	1375.67
10-Oct-2013	1109	DR	M-SCOPE	20.51	0.00	2.15	18.36	1378.34
02-Jan-2014	1543	DR	M-SCOPE	19.85	0.00	2.15	17.70	1379.00
25-Apr-2014	1041	DR	M-SCOPE	19.73	0.00	2.15	17.58	1379.12
15-Jul-2014	1210	DR	M-SCOPE	18.49	0.00	2.15	16.34	1380.36
28-Oct-2014	1534	DR	M-SCOPE	19.06	0.00	2.15	16.91	1379.79
09-Jan-2015	1344	DR	M-SCOPE	19.21	0.00	2.15	17.06	1379.64
21-Apr-2015	1248	DR	M-SCOPE	19.33	0.00	2.15	17.18	1379.52
04-Aug-2015	1409	DR	M-SCOPE	16.88	0.00	2.15	14.73	1381.97
29-Oct-2015	1152	DR	M-SCOPE	16.58	0.00	2.15	14.43	1382.27
04-Jan-2016	1302	DR	M-SCOPE	15.43	0.00	2.15	13.28	1383.42
19-Apr-2016	1346	DR	M-SCOPE	15.27	0.00	2.15	13.12	1383.58
26-Jul-2016	1346	DR	M-SCOPE	11.88	0.00	2.15	9.73	1386.97
19-Oct-2016	1013	DR	M-SCOPE	11.63	0.00	2.15	9.48	1387.22

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
15-Feb-2002	1320	TB	M-SCOPE	21.88		2.11	19.77	1376.93
29-Mar-2002	1255	TB	M-SCOPE	22.21		2.11	20.10	1376.60
16-Jul-2002	1150	TB	M-SCOPE	25.04		2.11	22.93	1373.77
15-Oct-2002	1010	CM	M-SCOPE	25.16		2.11	23.05	1373.65
31-Oct-2002	1028	TDB	M-SCOPE	24.24		2.11	22.13	1374.57
24-Jan-2003	1505	TB	M-SCOPE	24.11	0.00	2.11	22.00	1374.70
29-Apr-2003	1051	TB	M-SCOPE	23.56	0.00	2.11	21.45	1375.25
23-Jul-2003	1521	TB	M-SCOPE	27.63	0.00	2.11	25.52	1371.18
28-Oct-2003	1641	TB	M-SCOPE	24.82	0.00	2.11	22.71	1373.99
23-Jan-2004	1329	TB	M-SCOPE	24.40	0.00	2.11	22.29	1374.41
20-Apr-2004	1138	TB	M-SCOPE	23.91	0.00	2.11	21.80	1374.90
26-Jul-2004	1025	TB	M-SCOPE	25.20	0.00	2.11	23.09	1373.61
27-Oct-2004	1212	TB	M-SCOPE	24.73	0.00	2.11	22.62	1374.08
21-Jan-2005	1030	TB	M-SCOPE	24.40	0.00	2.11	22.29	1374.41
07-Apr-2005	1431	TB	M-SCOPE	23.66	0.00	2.11	21.55	1375.15
20-Jul-2005	1028	TB	M-SCOPE	20.92	0.00	2.11	18.81	1377.89
21-Oct-2005	1207	DR	M-SCOPE	20.94	0.00	2.11	18.83	1377.87
18-Jan-2006	1332	DR	M-SCOPE	20.62	0.00	2.11	18.51	1378.19
21-Apr-2006	1159	DR	M-SCOPE	21.80	0.00	2.11	19.69	1377.01
20-Jul-2006	1305	DR	M-SCOPE	25.13	0.00	2.11	23.02	1373.68
23-Oct-2006	1518	DR	M-SCOPE	23.85	0.00	2.11	21.74	1374.96
23-Jan-2007	1355	DR	M-SCOPE	23.80	0.00	2.11	21.69	1375.01
09-Apr-2007	1547	DR	M-SCOPE	23.70	0.00	2.11	21.59	1375.11
19-Jul-2007	1441	DR	M-SCOPE	22.85	0.00	2.11	20.74	1375.96
26-Oct-2007	1518	DR	M-SCOPE	22.84	0.00	2.11	20.73	1375.97
10-Jan-2008	1722	DR	M-SCOPE	22.38	0.00	2.11	20.27	1376.43
02-Apr-2008	1621	DR	M-SCOPE	22.95	0.00	2.11	20.84	1375.86
21-Jul-2008	1329	DR	M-SCOPE	23.41	0.00	2.11	21.30	1375.40
24-Oct-2008	1419	DR	M-SCOPE	21.79	0.00	2.11	19.68	1377.02
19-Jan-2009	1313	DR	M-SCOPE	21.61	0.00	2.11	19.50	1377.20
10-Apr-2009	1047	DR	M-SCOPE	20.88	0.00	2.11	18.77	1377.93
21-Jul-2009	1512	DR	M-SCOPE	21.63	0.00	2.11	19.52	1377.18
20-Oct-2009	1543	DR	M-SCOPE	20.46	0.00	2.11	18.35	1378.35
15-Jan-2010	1207	DR	M-SCOPE	19.61	0.00	2.11	17.50	1379.20
15-Apr-2010	1250	DR	M-SCOPE	21.30	0.00	2.11	19.19	1377.51
15-Jul-2010	1500	DR	M-SCOPE	19.70	0.00	2.11	17.59	1379.11
19-Oct-2010	1112	DR	M-SCOPE	19.75	0.00	2.11	17.64	1379.06
21-Jan-2011	1422	DR	M-SCOPE	21.41	0.00	2.11	19.30	1377.40
08-Apr-2011	1112	DR	M-SCOPE	21.35	0.00	2.11	19.24	1377.46
22-Jul-2011	1306	DR	M-SCOPE	25.11	0.00	2.11	23.00	1373.70
18-Oct-2011	1249	DR	M-SCOPE	23.35	0.00	2.11	21.24	1375.46
16-Jan-2012	1308	DR	M-SCOPE	22.80	0.00	2.11	20.69	1376.01
02-Mar-2012	1039	DR	M-SCOPE	22.85	0.00	2.11	20.74	1375.96
27-Apr-2012	1444	DR	M-SCOPE	22.84	0.00	2.11	20.73	1375.97
31-Jul-2012	1259	DR	M-SCOPE	27.35	0.00	2.11	25.24	1371.46
18-Oct-2012	1450	DR	M-SCOPE	25.20	0.00	2.11	23.09	1373.61
21-Jan-2013	1345	DR	M-SCOPE	25.40	0.00	2.11	23.29	1373.41
29-Apr-2013	1351	DR	M-SCOPE	25.11	0.00	2.11	23.00	1373.70
26-Jul-2013	1144	DR	M-SCOPE	27.65	0.00	2.11	25.54	1371.16
10-Oct-2013	1109	DR	M-SCOPE	24.42	0.00	2.11	22.31	1374.39
02-Jan-2014	1544	DR	M-SCOPE	22.41	0.00	2.11	20.30	1376.40
25-Apr-2014	1041	DR	M-SCOPE	22.64	0.00	2.11	20.53	1376.17
15-Jul-2014	1210	DR	M-SCOPE	21.47	0.00	2.11	19.36	1377.34
28-Oct-2014	1534	DR	M-SCOPE	21.40	0.00	2.11	19.29	1377.41
09-Jan-2015	1343	DR	M-SCOPE	21.27	0.00	2.11	19.16	1377.54
21-Apr-2015	1249	DR	M-SCOPE	21.35	0.00	2.11	19.24	1377.46
04-Aug-2015	1409	DR	M-SCOPE	20.05	0.00	2.11	17.94	1378.76
29-Oct-2015	1152	DR	M-SCOPE	18.88	0.00	2.11	16.77	1379.93
04-Jan-2016	1302	DR	M-SCOPE	17.62	0.00	2.11	15.51	1381.19
19-Apr-2016	1347	DR	M-SCOPE	18.00	0.00	2.11	15.89	1380.81
26-Jul-2016	1346	DR	M-SCOPE	15.73	0.00	2.11	13.62	1383.08
19-Oct-2016	1013	DR	M-SCOPE	13.85	0.00	2.11	11.74	1384.96

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1335	TB	M-SCOPE	24.38		1.49	22.89	1365.21
04-Apr-2002	845	TB	M-SCOPE	24.30		1.49	22.81	1365.29
17-Jul-2002	905	TB	M-SCOPE	25.29		1.49	23.80	1364.30
11-Oct-2002	1315	CM	M-SCOPE	27.30		1.49	25.81	1362.29
31-Oct-2002	1013	TDB	M-SCOPE	27.28		1.49	25.79	1362.31
24-Jan-2003	1450	TB	M-SCOPE	26.42	0.00	1.49	24.93	1363.17
29-Apr-2003	1105	TB	M-SCOPE	26.59	0.00	1.49	25.10	1363.00
23-Jul-2003	1511	TB	M-SCOPE	27.96	0.00	1.49	26.47	1361.63
28-Oct-2003	1623	TB	M-SCOPE	28.71	0.00	1.49	27.22	1360.88
23-Jan-2004	1342	TB	M-SCOPE	27.60	0.00	1.49	26.11	1361.99
20-Apr-2004	1153	TB	M-SCOPE	26.61	0.00	1.49	25.12	1362.98
26-Jul-2004	1011	TB	M-SCOPE	26.71	0.00	1.49	25.22	1362.88
27-Oct-2004	1155	TB	M-SCOPE	27.37	0.00	1.49	25.88	1362.22
21-Jan-2005	1045	TB	M-SCOPE	27.75	0.00	1.49	26.26	1361.84
06-Apr-2005	1400	TB	M-SCOPE	27.36	0.00	1.49	25.87	1362.23
20-Jul-2005	1048	TB	M-SCOPE	23.72	0.00	1.49	22.23	1365.87
21-Oct-2005	1222	DR	M-SCOPE	23.82	0.00	1.49	22.33	1365.77
18-Jan-2006	1320	DR	M-SCOPE	23.79	0.00	1.49	22.30	1365.80
21-Apr-2006	1210	DR	M-SCOPE	23.65	0.00	1.49	22.16	1365.94
20-Jul-2006	1502	DR	M-SCOPE	25.10	0.00	1.49	23.61	1364.49
23-Oct-2006	1529	DR	M-SCOPE	26.67	0.00	1.49	25.18	1362.92
23-Jan-2007	1346	DR	M-SCOPE	26.40	0.00	1.49	24.91	1363.19
09-Apr-2007	1557	DR	M-SCOPE	26.68	0.00	1.49	25.19	1362.91
19-Jul-2007	1432	DR	M-SCOPE	24.90	0.00	1.49	23.41	1364.69
26-Oct-2007	1500	DR	M-SCOPE	26.20	0.00	1.49	24.71	1363.39
10-Jan-2008	1556	DR	M-SCOPE	25.77	0.00	1.49	24.28	1363.82
03-Apr-2008	1420	DR	M-SCOPE	25.73	0.00	1.49	24.24	1363.86
21-Jul-2008	1352	DR	M-SCOPE	25.50	0.00	1.49	24.01	1364.09
24-Oct-2008	1431	DR	M-SCOPE	25.18	0.00	1.49	23.69	1364.41
19-Jan-2009	1324	DR	M-SCOPE	24.04	0.00	1.49	22.55	1365.55
10-Apr-2009	956	DR	M-SCOPE	24.08	0.00	1.49	22.59	1365.51
21-Jul-2009	1300	DR	M-SCOPE	22.71	0.00	1.49	21.22	1366.88
21-Oct-2009	828	DR	M-SCOPE	22.44	0.00	1.49	20.95	1367.15
15-Jan-2010	1225	DR	M-SCOPE	21.78	0.00	1.49	20.29	1367.81
15-Apr-2010	1239	DR	M-SCOPE	22.46	0.00	1.49	20.97	1367.13
15-Jul-2010	1430	DR	M-SCOPE	21.72	0.00	1.49	20.23	1367.87
19-Oct-2010	1315	DR	M-SCOPE	22.85	0.00	1.49	21.36	1366.74
21-Jan-2011	1502	DR	M-SCOPE	22.50	0.00	1.49	21.01	1367.09
08-Apr-2011	1059	DR	M-SCOPE	23.39	0.00	1.49	21.90	1366.20
22-Jul-2011	1306	DR	M-SCOPE	25.17	0.00	1.49	23.68	1364.42
19-Oct-2011	1607	DR	M-SCOPE	27.21	0.00	1.49	25.72	1362.38
16-Jan-2012	1025	DR	M-SCOPE	26.78	0.00	1.49	25.29	1362.81
02-Mar-2012	1030	DR	M-SCOPE	26.51	0.00	1.49	25.02	1363.08
27-Apr-2012	1455	DR	M-SCOPE	26.50	0.00	1.49	25.01	1363.09
31-Jul-2012	1316	DR	M-SCOPE	28.61	0.00	1.49	27.12	1360.98
18-Oct-2012	1547	DR	M-SCOPE	29.77	0.00	1.49	28.28	1359.82
21-Jan-2013	1333	DR	M-SCOPE	31.67	0.00	1.49	30.18	1357.92
29-Apr-2013	1342	DR	M-SCOPE	31.05	0.00	1.49	29.56	1358.54
26-Jul-2013	1156	DR	M-SCOPE	32.52	0.00	1.49	31.03	1357.07
10-Oct-2013	1136	DR	M-SCOPE	31.02	0.00	1.49	29.53	1358.57
02-Jan-2014	1532	DR	M-SCOPE	28.34	0.00	1.49	26.85	1361.25
25-Apr-2014	1031	DR	M-SCOPE	27.15	0.00	1.49	25.66	1362.44
15-Jul-2014	1050	DR	M-SCOPE	26.54	0.00	1.49	25.05	1363.05
28-Oct-2014	1524	DR	M-SCOPE	26.19	0.00	1.49	24.70	1363.40
09-Jan-2015	1402	DR	M-SCOPE	26.25	0.00	1.49	24.76	1363.34
21-Apr-2015	1301	DR	M-SCOPE	25.80	0.00	1.49	24.31	1363.79
04-Aug-2015	1126	DR	M-SCOPE	24.00	0.00	1.49	22.51	1365.59
29-Oct-2015	1202	DR	M-SCOPE	22.24	0.00	1.49	20.75	1367.35
04-Jan-2016	1117	DR	M-SCOPE	20.86	0.00	1.49	19.37	1368.73
19-Apr-2016	1400	DR	M-SCOPE	21.01	0.00	1.49	19.52	1368.58
26-Jul-2016	1336	DR	M-SCOPE	16.85	0.00	1.49	15.36	1372.74
19-Oct-2016	1024	DR	M-SCOPE	15.95	0.00	1.49	14.46	1373.64

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
15-Feb-2002	1340	TB	M-SCOPE	31.89		1.56	30.33	1358.17
04-Apr-2002	1035	TB	M-SCOPE	29.01		1.56	27.45	1361.05
17-Jul-2002	1100	TB	M-SCOPE	34.18		1.56	32.62	1355.88
11-Oct-2002	1320	CM	M-SCOPE	32.10		1.56	30.54	1357.96
31-Oct-2002	1015	TDB	M-SCOPE	32.53		1.56	30.97	1357.53
24-Jan-2003	1451	TB	M-SCOPE	31.42	0.00	1.56	29.86	1358.64
29-Apr-2003	1106	TB	M-SCOPE	30.52	0.00	1.56	28.96	1359.54
23-Jul-2003	1512	TB	M-SCOPE	39.48	0.00	1.56	37.92	1350.58
28-Oct-2003	1624	TB	M-SCOPE	34.27	0.00	1.56	32.71	1355.79
23-Jan-2004	1342	TB	M-SCOPE	30.10	0.00	1.56	28.54	1359.96
20-Apr-2004	1154	TB	M-SCOPE	30.57	0.00	1.56	29.01	1359.49
26-Jul-2004	1012	TB	M-SCOPE	32.39	0.00	1.56	30.83	1357.67
27-Oct-2004	1156	TB	M-SCOPE	30.98	0.00	1.56	29.42	1359.08
21-Jan-2005	1046	TB	M-SCOPE	31.11	0.00	1.56	29.55	1358.95
06-Apr-2005	1401	TB	M-SCOPE	32.36	0.00	1.56	30.80	1357.70
20-Jul-2005	1048	TB	M-SCOPE	31.48	0.00	1.56	29.92	1358.58
21-Oct-2005	1223	DR	M-SCOPE	28.60	0.00	1.56	27.04	1361.46
18-Jan-2006	1321	DR	M-SCOPE	30.75	0.00	1.56	29.19	1359.31
21-Apr-2006	1211	DR	M-SCOPE	29.47	0.00	1.56	27.91	1360.59
20-Jul-2006	1501	DR	M-SCOPE	37.87	0.00	1.56	36.31	1352.19
23-Oct-2006	1529	DR	M-SCOPE	35.18	0.00	1.56	33.62	1354.88
23-Jan-2007	1346	DR	M-SCOPE	32.00	0.00	1.56	30.44	1358.06
09-Apr-2007	1557	DR	M-SCOPE	30.66	0.00	1.56	29.10	1359.40
19-Jul-2007	1431	DR	M-SCOPE	32.35	0.00	1.56	30.79	1357.71
26-Oct-2007	1503	DR	M-SCOPE	30.31	0.00	1.56	28.75	1359.75
10-Jan-2008	1556	DR	M-SCOPE	31.85	0.00	1.56	30.29	1358.21
03-Apr-2008	1424	DR	M-SCOPE	30.33	0.00	1.56	28.77	1359.73
21-Jul-2008	1352	DR	M-SCOPE	31.71	0.00	1.56	30.15	1358.35
24-Oct-2008	1431	DR	M-SCOPE	31.14	0.00	1.56	29.58	1358.92
19-Jan-2009	1324	DR	M-SCOPE	30.84	0.00	1.56	29.28	1359.22
10-Apr-2009	956	DR	M-SCOPE	27.53	0.00	1.56	25.97	1362.53
21-Jul-2009	1300	DR	M-SCOPE	26.25	0.00	1.56	24.69	1363.81
21-Oct-2009	828	DR	M-SCOPE	25.08	0.00	1.56	23.52	1364.98
15-Jan-2010	1224	DR	M-SCOPE	28.47	0.00	1.56	26.91	1361.59
15-Apr-2010	1239	DR	M-SCOPE	28.13	0.00	1.56	26.57	1361.93
15-Jul-2010	1430	DR	M-SCOPE	30.08	0.00	1.56	28.52	1359.98
19-Oct-2010	1316	DR	M-SCOPE	29.84	0.00	1.56	28.28	1360.22
21-Jan-2011	1503	DR	M-SCOPE	27.08	0.00	1.56	25.52	1362.98
08-Apr-2011	1059	DR	M-SCOPE	31.79	0.00	1.56	30.23	1358.27
22-Jul-2011	1306	DR	M-SCOPE	38.02	0.00	1.56	36.46	1352.04
19-Oct-2011	1607	DR	M-SCOPE	33.45	0.00	1.56	31.89	1356.61
16-Jan-2012	1320	DR	M-SCOPE	30.04	0.00	1.56	28.48	1360.02
02-Mar-2012	1029	DR	M-SCOPE	32.58	0.00	1.56	31.02	1357.48
27-Apr-2012	1455	DR	M-SCOPE	32.80	0.00	1.56	31.24	1357.26
31-Jul-2012	1316	DR	M-SCOPE	38.82	0.00	1.56	37.26	1351.24
18-Oct-2012	1548	DR	M-SCOPE	35.50	0.00	1.56	33.94	1354.56
21-Jan-2013	1333	DR	M-SCOPE	36.72	0.00	1.56	35.16	1353.34
29-Apr-2013	1343	DR	M-SCOPE	33.88	0.00	1.56	32.32	1356.18
26-Jul-2013	1156	DR	M-SCOPE	37.85	0.00	1.56	36.29	1352.21
10-Oct-2013	1136	DR	M-SCOPE	34.66	0.00	1.56	33.10	1355.40
02-Jan-2014	1532	DR	M-SCOPE	31.55	0.00	1.56	29.99	1358.51
25-Apr-2014	1031	DR	M-SCOPE	29.16	0.00	1.56	27.60	1360.90
15-Jul-2014	1050	DR	M-SCOPE	28.35	0.00	1.56	26.79	1361.71
28-Oct-2014	1524	DR	M-SCOPE	29.75	0.00	1.56	28.19	1360.31
09-Jan-2015	1402	DR	M-SCOPE	28.48	0.00	1.56	26.92	1361.58
21-Apr-2015	1301	DR	M-SCOPE	28.96	0.00	1.56	27.40	1361.10
04-Aug-2015	1126	DR	M-SCOPE	27.13	0.00	1.56	25.57	1362.93
29-Oct-2015	1202	DR	M-SCOPE	28.50	0.00	1.56	26.94	1361.56
04-Jan-2016	1117	DR	M-SCOPE	23.03	0.00	1.56	21.47	1367.03
19-Apr-2016	1359	DR	M-SCOPE	25.44	0.00	1.56	23.88	1364.62
26-Jul-2016	1336	DR	M-SCOPE	24.12	0.00	1.56	22.56	1365.94
19-Oct-2016	1024	DR	M-SCOPE	25.32	0.00	1.56	23.76	1364.74

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1435	TB	M-SCOPE	19.25		1.33	17.92	1357.98
11-Apr-2002	940	TB	M-SCOPE	19.14		1.33	17.81	1358.09
18-Jul-2002	830	TB	M-SCOPE	21.87		1.33	20.54	1355.36
11-Oct-2002	1335	CM	M-SCOPE	21.00		1.33	19.67	1356.23
31-Oct-2002	1000	TDB	M-SCOPE	20.48		1.33	19.15	1356.75
24-Jan-2003	1437	TB	M-SCOPE	20.38	0.00	1.33	19.05	1356.85
29-Apr-2003	1118	TB	M-SCOPE	18.83	0.00	1.33	17.50	1358.40
23-Jul-2003	1501	TB	M-SCOPE	22.78	0.00	1.33	21.45	1354.45
28-Oct-2003	1608	TB	M-SCOPE	20.03	0.00	1.33	18.70	1357.20
23-Jan-2004	1353	TB	M-SCOPE	20.40	0.00	1.33	19.07	1356.83
20-Apr-2004	1210	TB	M-SCOPE	18.74	0.00	1.33	17.41	1358.49
26-Jul-2004	957	TB	M-SCOPE	18.63	0.00	1.33	17.30	1358.60
27-Oct-2004	1140	TB	M-SCOPE	19.64	0.00	1.33	18.31	1357.59
21-Jan-2005	1100	TB	M-SCOPE	19.79	0.00	1.33	18.46	1357.44
06-Apr-2005	1352	TB	M-SCOPE	19.46	0.00	1.33	18.13	1357.77
20-Jul-2005	1101	TB	M-SCOPE	16.54	0.00	1.33	15.21	1360.69
21-Oct-2005	902	DR	M-SCOPE	16.72	0.00	1.33	15.39	1360.51
18-Jan-2006	1310	DR	M-SCOPE	17.52	0.00	1.33	16.19	1359.71
21-Apr-2006	1220	DR	M-SCOPE	18.64	0.00	1.33	17.31	1358.59
20-Jul-2006	1448	DR	M-SCOPE	21.60	0.00	1.33	20.27	1355.63
23-Oct-2006	1542	DR	M-SCOPE	21.19	0.00	1.33	19.86	1356.04
23-Jan-2007	1210	DR	M-SCOPE	21.03	0.00	1.33	19.70	1356.20
09-Apr-2007	1607	DR	M-SCOPE	20.35	0.00	1.33	19.02	1356.88
19-Jul-2007	1423	DR	M-SCOPE	17.61	0.00	1.33	16.28	1359.62
25-Oct-2007	1449	DR	M-SCOPE	19.80	0.00	1.33	18.47	1357.43
10-Jan-2008	1545	DR	M-SCOPE	19.88	0.00	1.33	18.55	1357.35
03-Apr-2008	1449	DR	M-SCOPE	19.57	0.00	1.33	18.24	1357.66
21-Jul-2008	1407	DR	M-SCOPE	20.18	0.00	1.33	18.85	1357.05
24-Oct-2008	1444	DR	M-SCOPE	16.90	0.00	1.33	15.57	1360.33
19-Jan-2009	1334	DR	M-SCOPE	17.50	0.00	1.33	16.17	1359.73
10-Apr-2009	944	DR	M-SCOPE	18.03	0.00	1.33	16.70	1359.20
21-Jul-2009	1251	DR	M-SCOPE	17.81	0.00	1.33	16.48	1359.42
20-Oct-2009	1612	DR	M-SCOPE	16.05	0.00	1.33	14.72	1361.18
15-Jan-2010	1237	DR	M-SCOPE	16.48	0.00	1.33	15.15	1360.75
16-Apr-2010	952	DR	M-SCOPE	17.20	0.00	1.33	15.87	1360.03
15-Jul-2010	1443	DR	M-SCOPE	15.08	0.00	1.33	13.75	1362.15
19-Oct-2010	1304	DR	M-SCOPE	17.40	0.00	1.33	16.07	1359.83
21-Jan-2011	1102	DR	M-SCOPE	17.91	0.00	1.33	16.58	1359.32
08-Apr-2011	1023	DR	M-SCOPE	18.58	0.00	1.33	17.25	1358.65
22-Jul-2011	1307	DR	M-SCOPE	21.51	0.00	1.33	20.18	1355.72
18-Oct-2011	1351	DR	M-SCOPE	22.70	0.00	1.33	21.37	1354.53
16-Jan-2012	1330	DR	M-SCOPE	21.68	0.00	1.33	20.35	1355.55
02-Mar-2012	1021	DR	M-SCOPE	21.21	0.00	1.33	19.88	1356.02
27-Apr-2012	1504	DR	M-SCOPE	20.11	0.00	1.33	18.78	1357.12
31-Jul-2012	1327	DR	M-SCOPE	23.97	0.00	1.33	22.64	1353.26
18-Oct-2012	1505	DR	M-SCOPE	24.63	0.00	1.33	23.30	1352.60
21-Jan-2013	1322	DR	M-SCOPE	24.28	0.00	1.33	22.95	1352.95
29-Apr-2013	1333	DR	M-SCOPE	23.91	0.00	1.33	22.58	1353.32
25-Jul-2013	1552	DR	M-SCOPE	25.47	0.00	1.33	24.14	1351.76
10-Oct-2013	1125	DR	M-SCOPE	21.24	0.00	1.33	19.91	1355.99
02-Jan-2014	1522	DR	M-SCOPE	20.67	0.00	1.33	19.34	1356.56
25-Apr-2014	1022	DR	M-SCOPE	20.78	0.00	1.33	19.45	1356.45
15-Jul-2014	1224	DR	M-SCOPE	19.61	0.00	1.33	18.28	1357.62
28-Oct-2014	1514	DR	M-SCOPE	20.44	0.00	1.33	19.11	1356.79
09-Jan-2015	1412	DR	M-SCOPE	20.33	0.00	1.33	19.00	1356.90
21-Apr-2015	1312	DR	M-SCOPE	19.97	0.00	1.33	18.64	1357.26
04-Aug-2015	1114	DR	M-SCOPE	15.89	0.00	1.33	14.56	1361.34
29-Oct-2015	1211	DR	M-SCOPE	15.63	0.00	1.33	14.30	1361.60
04-Jan-2016	1107	DR	M-SCOPE	14.40	0.00	1.33	13.07	1362.83
19-Apr-2016	1410	DR	M-SCOPE	15.22	0.00	1.33	13.89	1362.01
26-Jul-2016	1327	DR	M-SCOPE	12.55	0.00	1.33	11.22	1364.68
19-Oct-2016	1036	DR	M-SCOPE	10.13	0.00	1.33	8.80	1367.10

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
15-Feb-2002	1440	TB	M-SCOPE	20.20		1.34	18.86	1356.84
11-Apr-2002	1125	TB	M-SCOPE	20.23		1.34	18.89	1356.81
18-Jul-2002	1040	TB	M-SCOPE	23.04		1.34	21.70	1354.00
11-Oct-2002	1340	CM	M-SCOPE	22.05		1.34	20.71	1354.99
31-Oct-2002	1002	TDB	M-SCOPE	21.37		1.34	20.03	1355.67
24-Jan-2003	1437	TB	M-SCOPE	21.18	0.00	1.34	19.84	1355.86
29-Apr-2003	1118	TB	M-SCOPE	19.63	0.00	1.34	18.29	1357.41
23-Jul-2003	1501	TB	M-SCOPE	23.97	0.00	1.34	22.63	1353.07
28-Oct-2003	1609	TB	M-SCOPE	20.09	0.00	1.34	18.75	1356.95
23-Jan-2004	1354	TB	M-SCOPE	20.85	0.00	1.34	19.51	1356.19
20-Apr-2004	1211	TB	M-SCOPE	19.06	0.00	1.34	17.72	1357.98
26-Jul-2004	957	TB	M-SCOPE	19.34	0.00	1.34	18.00	1357.70
27-Oct-2004	1141	TB	M-SCOPE	20.18	0.00	1.34	18.84	1356.86
21-Jan-2005	1100	TB	M-SCOPE	20.43	0.00	1.34	19.09	1356.61
06-Apr-2005	1352	TB	M-SCOPE	19.89	0.00	1.34	18.55	1357.15
20-Jul-2005	1101	TB	M-SCOPE	17.17	0.00	1.34	15.83	1359.87
21-Oct-2005	903	DR	M-SCOPE	17.38	0.00	1.34	16.04	1359.66
18-Jan-2006	1311	DR	M-SCOPE	18.49	0.00	1.34	17.15	1358.55
21-Apr-2006	1220	DR	M-SCOPE	19.68	0.00	1.34	18.34	1357.36
20-Jul-2006	1448	DR	M-SCOPE	23.20	0.00	1.34	21.86	1353.84
23-Oct-2006	1542	DR	M-SCOPE	22.19	0.00	1.34	20.85	1354.85
23-Jan-2007	1210	DR	M-SCOPE	21.93	0.00	1.34	20.59	1355.11
09-Apr-2007	1608	DR	M-SCOPE	21.43	0.00	1.34	20.09	1355.61
19-Jul-2007	1423	DR	M-SCOPE	18.20	0.00	1.34	16.86	1358.84
25-Oct-2007	1449	DR	M-SCOPE	20.53	0.00	1.34	19.19	1356.51
10-Jan-2008	1546	DR	M-SCOPE	20.60	0.00	1.34	19.26	1356.44
03-Apr-2008	1449	DR	M-SCOPE	20.39	0.00	1.34	19.05	1356.65
21-Jul-2008	1407	DR	M-SCOPE	21.31	0.00	1.34	19.97	1355.73
24-Oct-2008	1444	DR	M-SCOPE	17.67	0.00	1.34	16.33	1359.37
19-Jan-2009	1334	DR	M-SCOPE	18.39	0.00	1.34	17.05	1358.65
10-Apr-2009	943	DR	M-SCOPE	18.90	0.00	1.34	17.56	1358.14
21-Jul-2009	1251	DR	M-SCOPE	18.63	0.00	1.34	17.29	1358.41
20-Oct-2009	1612	DR	M-SCOPE	17.18	0.00	1.34	15.84	1359.86
15-Jan-2010	1237	DR	M-SCOPE	17.74	0.00	1.34	16.40	1359.30
16-Apr-2010	952	DR	M-SCOPE	18.45	0.00	1.34	17.11	1358.59
15-Jul-2010	1444	DR	M-SCOPE	16.02	0.00	1.34	14.68	1361.02
19-Oct-2010	1303	DR	M-SCOPE	18.35	0.00	1.34	17.01	1358.69
21-Jan-2011	1102	DR	M-SCOPE	19.00	0.00	1.34	17.66	1358.04
08-Apr-2011	1024	DR	M-SCOPE	19.63	0.00	1.34	18.29	1357.41
22-Jul-2011	1307	DR	M-SCOPE	23.30	0.00	1.34	21.96	1353.74
18-Oct-2011	1351	DR	M-SCOPE	23.91	0.00	1.34	22.57	1353.13
16-Jan-2012	1330	DR	M-SCOPE	22.73	0.00	1.34	21.39	1354.31
02-Mar-2012	1021	DR	M-SCOPE	22.09	0.00	1.34	20.75	1354.95
27-Apr-2012	1504	DR	M-SCOPE	21.13	0.00	1.34	19.79	1355.91
31-Jul-2012	1327	DR	M-SCOPE	25.40	0.00	1.34	24.06	1351.64
18-Oct-2012	1505	DR	M-SCOPE	25.35	0.00	1.34	24.01	1351.69
21-Jan-2013	1322	DR	M-SCOPE	24.91	0.00	1.34	23.57	1352.13
29-Apr-2013	1333	DR	M-SCOPE	24.55	0.00	1.34	23.21	1352.49
25-Jul-2013	1552	DR	M-SCOPE	26.00	0.00	1.34	24.66	1351.04
10-Oct-2013	1125	DR	M-SCOPE	21.02	0.00	1.34	19.68	1356.02
02-Jan-2014	1523	DR	M-SCOPE	20.91	0.00	1.34	19.57	1356.13
25-Apr-2014	1022	DR	M-SCOPE	21.55	0.00	1.34	20.21	1355.49
15-Jul-2014	1224	DR	M-SCOPE	20.60	0.00	1.34	19.26	1356.44
28-Oct-2014	1514	DR	M-SCOPE	21.44	0.00	1.34	20.10	1355.60
09-Jan-2015	1412	DR	M-SCOPE	21.36	0.00	1.34	20.02	1355.68
21-Apr-2015	1313	DR	M-SCOPE	21.08	0.00	1.34	19.74	1355.96
04-Aug-2015	1114	DR	M-SCOPE	16.92	0.00	1.34	15.58	1360.12
29-Oct-2015	1212	DR	M-SCOPE	16.98	0.00	1.34	15.64	1360.06
04-Jan-2016	1108	DR	M-SCOPE	15.68	0.00	1.34	14.34	1361.36
19-Apr-2016	1410	DR	M-SCOPE	16.77	0.00	1.34	15.43	1360.27
26-Jul-2016	1327	DR	M-SCOPE	14.25	0.00	1.34	12.91	1362.79
19-Oct-2016	1036	DR	M-SCOPE	11.90	0.00	1.34	10.56	1365.14

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
11-Mar-2002	1350	TB	M-SCOPE	15.60		1.79	13.81	1389.89
04-Apr-2002	930	TB	M-SCOPE	15.66		1.79	13.87	1389.83
18-Jul-2002	850	TB	M-SCOPE	17.20		1.79	15.41	1388.29
11-Oct-2002	1355	CM	M-SCOPE	16.76		1.79	14.97	1388.73
31-Oct-2002	1251	TDB	M-SCOPE	16.02		1.79	14.23	1389.47
27-Jan-2003	957	TB	M-SCOPE	15.47	0.00	1.79	13.68	1390.02
29-Apr-2003	1225	TB	M-SCOPE	14.30	0.00	1.79	12.51	1391.19
24-Jul-2003	1229	TB	M-SCOPE	18.19	0.00	1.79	16.40	1387.30
29-Oct-2003	1249	TB	M-SCOPE	16.79	0.00	1.79	15.00	1388.70
23-Jan-2004	1448	TB	M-SCOPE	16.15	0.00	1.79	14.36	1389.34
20-Apr-2004	1320	TB	M-SCOPE	14.63	0.00	1.79	12.84	1390.86
26-Jul-2004	1128	TB	M-SCOPE	15.49	0.00	1.79	13.70	1390.00
27-Oct-2004	1319	TB	M-SCOPE	15.45	0.00	1.79	13.66	1390.04
21-Jan-2005	1233	TB	M-SCOPE	14.88	0.00	1.79	13.09	1390.61
07-Apr-2005	1441	TB	M-SCOPE	13.95	0.00	1.79	12.16	1391.54
20-Jul-2005	1229	TB	M-SCOPE	13.23	0.00	1.79	11.44	1392.26
21-Oct-2005	1046	DR	M-SCOPE	13.57	0.00	1.79	11.78	1391.92
18-Jan-2006	1421	DR	M-SCOPE	13.72	0.00	1.79	11.93	1391.77
21-Apr-2006	1104	DR	M-SCOPE	14.07	0.00	1.79	12.28	1391.42
20-Jul-2006	1325	DR	M-SCOPE	16.16	0.00	1.79	14.37	1389.33
23-Oct-2006	1457	DR	M-SCOPE	16.04	0.00	1.79	14.25	1389.45
23-Jan-2007	1410	DR	M-SCOPE	16.10	0.00	1.79	14.31	1389.39
09-Apr-2007	1323	DR	M-SCOPE	15.29	0.00	1.79	13.50	1390.20
20-Jul-2007	1040	DR	M-SCOPE	11.71	0.00	1.79	9.92	1393.78
26-Oct-2007	1422	DR	M-SCOPE	15.16	0.00	1.79	13.37	1390.33
10-Jan-2008	1619	DR	M-SCOPE	14.99	0.00	1.79	13.20	1390.50
03-Apr-2008	1225	DR	M-SCOPE	14.41	0.00	1.79	12.62	1391.08
21-Jul-2008	1209	DR	M-SCOPE	14.81	0.00	1.79	13.02	1390.68
21-Oct-2008	1110	TR	M-SCOPE	14.14	0.00	1.79	12.35	1391.35
19-Jan-2009	1526	DR	M-SCOPE	13.71	0.00	1.79	11.92	1391.78
10-Apr-2009	1031	DR	M-SCOPE	13.80	0.00	1.79	12.01	1391.69
21-Jul-2009	1413	DR	M-SCOPE	14.45	0.00	1.79	12.66	1391.04
21-Oct-2009	1013	DR	M-SCOPE	14.21	0.00	1.79	12.42	1391.28
15-Jan-2010	1116	DR	M-SCOPE	13.77	0.00	1.79	11.98	1391.72
16-Apr-2010	1114	DR	M-SCOPE	13.45	0.00	1.79	11.66	1392.04
15-Jul-2010	1512	DR	M-SCOPE	12.48	0.00	1.79	10.69	1393.01
19-Oct-2010	1137	DR	M-SCOPE	14.92	0.00	1.79	13.13	1390.57
21-Jan-2011	952	DR	M-SCOPE	14.73	0.00	1.79	12.94	1390.76
08-Apr-2011	1205	DR	M-SCOPE	14.83	0.00	1.79	13.04	1390.66
22-Jul-2011	1657	DR	M-SCOPE	18.26	0.00	1.79	16.47	1387.23
19-Oct-2011	1519	DR	M-SCOPE	18.91	0.00	1.79	17.12	1386.58
16-Jan-2012	1222	DR	M-SCOPE	17.44	0.00	1.79	15.65	1388.05
02-Mar-2012	1132	DR	M-SCOPE	16.50	0.00	1.79	14.71	1388.99
26-Apr-2012	1538	DR	M-SCOPE	15.87	0.00	1.79	14.08	1389.62
31-Jul-2012	1217	DR	M-SCOPE	20.47	0.00	1.79	18.68	1385.02
18-Oct-2012	1358	DR	M-SCOPE	19.61	0.00	1.79	17.82	1385.88
22-Jan-2013	1010	DR	M-SCOPE	18.62	0.00	1.79	16.83	1386.87
30-Apr-2013	1429	DR	M-SCOPE	18.02	0.00	1.79	16.23	1387.47
26-Jul-2013	1056	DR	M-SCOPE	18.44	0.00	1.79	16.65	1387.05
11-Oct-2013	1451	DR	M-SCOPE	16.05	0.00	1.79	14.26	1389.44
03-Jan-2014	1002	DR	M-SCOPE	14.74	0.00	1.79	12.95	1390.75
25-Apr-2014	938	DR	M-SCOPE	15.11	0.00	1.79	13.32	1390.38
15-Jul-2014	1016	DR	M-SCOPE	14.24	0.00	1.79	12.45	1391.25
28-Oct-2014	1329	DR	M-SCOPE	16.63	0.00	1.79	14.84	1388.86
09-Jan-2015	1152	DR	M-SCOPE	16.23	0.00	1.79	14.44	1389.26
21-Apr-2015	1233	DR	M-SCOPE	16.14	0.00	1.79	14.35	1389.35
04-Aug-2015	1312	DR	M-SCOPE	15.71	0.00	1.79	13.92	1389.78
29-Oct-2015	1538	DR	M-SCOPE	14.68	0.00	1.79	12.89	1390.81
04-Jan-2016	1201	DR	M-SCOPE	12.72	0.00	1.79	10.93	1392.77
19-Apr-2016	1202	DR	M-SCOPE	13.28	0.00	1.79	11.49	1392.21
26-Jul-2016	1644	DR	M-SCOPE	11.87	0.00	1.79	10.08	1393.62
19-Oct-2016	1054	DR	M-SCOPE	11.22	0.00	1.79	9.43	1394.27

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
11-Mar-2002	1355	TB	M-SCOPE	15.68		1.81	13.87	1389.93
04-Apr-2002	1030	TB	M-SCOPE	15.80		1.81	13.99	1389.81
18-Jul-2002	1105	TB	M-SCOPE	16.00		1.81	14.19	1389.61
11-Oct-2002	1400	CM	M-SCOPE	16.69		1.81	14.88	1388.92
31-Oct-2002	1253	TDB	M-SCOPE	16.17		1.81	14.36	1389.44
27-Jan-2003	957	TB	M-SCOPE	15.81	0.00	1.81	14.00	1389.80
29-Apr-2003	1225	TB	M-SCOPE	14.81	0.00	1.81	13.00	1390.80
24-Jul-2003	1230	TB	M-SCOPE	16.54	0.00	1.81	14.73	1389.07
29-Oct-2003	1249	TB	M-SCOPE	16.71	0.00	1.81	14.90	1388.90
23-Jan-2004	1449	TB	M-SCOPE	16.24	0.00	1.81	14.43	1389.37
20-Apr-2004	1320	TB	M-SCOPE	15.41	0.00	1.81	13.60	1390.20
26-Jul-2004	1128	TB	M-SCOPE	15.20	0.00	1.81	13.39	1390.41
27-Oct-2004	1319	TB	M-SCOPE	15.84	0.00	1.81	14.03	1389.77
21-Jan-2005	1234	TB	M-SCOPE	15.21	0.00	1.81	13.40	1390.40
07-Apr-2005	1442	TB	M-SCOPE	14.60	0.00	1.81	12.79	1391.01
20-Jul-2005	1230	TB	M-SCOPE	13.85	0.00	1.81	12.04	1391.76
21-Oct-2005	1046	DR	M-SCOPE	14.47	0.00	1.81	12.66	1391.14
18-Jan-2006	1421	DR	M-SCOPE	14.42	0.00	1.81	12.61	1391.19
21-Apr-2006	1104	DR	M-SCOPE	14.68	0.00	1.81	12.87	1390.93
20-Jul-2006	1324	DR	M-SCOPE	15.21	0.00	1.81	13.40	1390.40
23-Oct-2006	1457	DR	M-SCOPE	16.25	0.00	1.81	14.44	1389.36
23-Jan-2007	1410	DR	M-SCOPE	16.10	0.00	1.81	14.29	1389.51
09-Apr-2007	1324	DR	M-SCOPE	15.55	0.00	1.81	13.74	1390.06
20-Jul-2007	1040	DR	M-SCOPE	12.91	0.00	1.81	11.10	1392.70
26-Oct-2007	1422	DR	M-SCOPE	15.48	0.00	1.81	13.67	1390.13
10-Jan-2008	1619	DR	M-SCOPE	15.11	0.00	1.81	13.30	1390.50
03-Apr-2008	1225	DR	M-SCOPE	14.75	0.00	1.81	12.94	1390.86
21-Jul-2008	1210	DR	M-SCOPE	14.44	0.00	1.81	12.63	1391.17
21-Oct-2008	1111	TR	M-SCOPE	14.55	0.00	1.81	12.74	1391.06
19-Jan-2009	1526	DR	M-SCOPE	14.21	0.00	1.81	12.40	1391.40
10-Apr-2009	1032	DR	M-SCOPE	14.13	0.00	1.81	12.32	1391.48
21-Jul-2009	1413	DR	M-SCOPE	15.31	0.00	1.81	13.50	1390.30
21-Oct-2009	1013	DR	M-SCOPE	14.42	0.00	1.81	12.61	1391.19
15-Jan-2010	1117	DR	M-SCOPE	14.04	0.00	1.81	12.23	1391.57
16-Apr-2010	1114	DR	M-SCOPE	13.90	0.00	1.81	12.09	1391.71
15-Jul-2010	1512	DR	M-SCOPE	12.95	0.00	1.81	11.14	1392.66
19-Oct-2010	1137	DR	M-SCOPE	14.99	0.00	1.81	13.18	1390.62
21-Jan-2011	952	DR	M-SCOPE	14.80	0.00	1.81	12.99	1390.81
08-Apr-2011	1205	DR	M-SCOPE	14.92	0.00	1.81	13.11	1390.69
22-Jul-2011	1657	DR	M-SCOPE	16.70	0.00	1.81	14.89	1388.91
19-Oct-2011	1520	DR	M-SCOPE	18.04	0.00	1.81	16.23	1387.57
16-Jan-2012	1223	DR	M-SCOPE	17.11	0.00	1.81	15.30	1388.50
02-Mar-2012	1132	DR	M-SCOPE	16.51	0.00	1.81	14.70	1389.10
26-Apr-2012	1538	DR	M-SCOPE	16.12	0.00	1.81	14.31	1389.49
31-Jul-2012	1218	DR	M-SCOPE	18.45	0.00	1.81	16.64	1387.16
18-Oct-2012	1358	DR	M-SCOPE	18.79	0.00	1.81	16.98	1386.82
22-Jan-2013	1010	DR	M-SCOPE	18.21	0.00	1.81	16.40	1387.40
30-Apr-2013	1430	DR	M-SCOPE	17.71	0.00	1.81	15.90	1387.90
26-Jul-2013	1056	DR	M-SCOPE	17.80	0.00	1.81	15.99	1387.81
11-Oct-2013	1451	DR	M-SCOPE	16.35	0.00	1.81	14.54	1389.26
03-Jan-2014	1002	DR	M-SCOPE	15.45	0.00	1.81	13.64	1390.16
25-Apr-2014	938	DR	M-SCOPE	15.48	0.00	1.81	13.67	1390.13
15-Jul-2014	1016	DR	M-SCOPE	14.70	0.00	1.81	12.89	1390.91
28-Oct-2014	1330	DR	M-SCOPE	16.55	0.00	1.81	14.74	1389.06
09-Jan-2015	1152	DR	M-SCOPE	16.25	0.00	1.81	14.44	1389.36
21-Apr-2015	1233	DR	M-SCOPE	16.18	0.00	1.81	14.37	1389.43
04-Aug-2015	1313	DR	M-SCOPE	14.73	0.00	1.81	12.92	1390.88
29-Oct-2015	1538	DR	M-SCOPE	15.16	0.00	1.81	13.35	1390.45
04-Jan-2016	1201	DR	M-SCOPE	13.56	0.00	1.81	11.75	1392.05
19-Apr-2016	1203	DR	M-SCOPE	13.73	0.00	1.81	11.92	1391.88
26-Jul-2016	1643	DR	M-SCOPE	12.27	0.00	1.81	10.46	1393.34
19-Oct-2016	1055	DR	M-SCOPE	11.97	0.00	1.81	10.16	1393.64

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1320	TB	M-SCOPE	10.91		1.43	9.48	1381.52
18-Apr-2002	1005	TB	M-SCOPE	10.97		1.43	9.54	1381.46
23-Jul-2002	910	TB	M-SCOPE	10.83		1.43	9.40	1381.60
11-Oct-2002	1420	CM	M-SCOPE	20.66		1.43	19.23	1371.77
31-Oct-2002	1300	TDB	M-SCOPE	11.23		1.43	9.80	1381.20
27-Jan-2003	1011	TB	M-SCOPE	10.87	0.00	1.43	9.44	1381.56
29-Apr-2003	1213	TB	M-SCOPE	9.80	0.00	1.43	8.37	1382.63
24-Jul-2003	1205	TB	M-SCOPE	11.34	0.00	1.43	9.91	1381.09
29-Oct-2003	1259	TB	M-SCOPE	11.30	0.00	1.43	9.87	1381.13
23-Jan-2004	1438	TB	M-SCOPE	11.36	0.00	1.43	9.93	1381.07
20-Apr-2004	1308	TB	M-SCOPE	10.00	0.00	1.43	8.57	1382.43
26-Jul-2004	1139	TB	M-SCOPE	8.85	0.00	1.43	7.42	1383.58
27-Oct-2004	1330	TB	M-SCOPE	10.37	0.00	1.43	8.94	1382.06
21-Jan-2005	1208	TB	M-SCOPE	10.14	0.00	1.43	8.71	1382.29
07-Apr-2005	1449	TB	M-SCOPE	9.30	0.00	1.43	7.87	1383.13
20-Jul-2005	1217	TB	M-SCOPE	6.41	0.00	1.43	4.98	1386.02
21-Oct-2005	1031	DR	M-SCOPE	7.61	0.00	1.43	6.18	1384.82
18-Jan-2006	1430	DR	M-SCOPE	8.42	0.00	1.43	6.99	1384.01
21-Apr-2006	1056	DR	M-SCOPE	9.03	0.00	1.43	7.60	1383.40
20-Jul-2006	1315	DR	M-SCOPE	9.60	0.00	1.43	8.17	1382.83
23-Oct-2006	1508	DR	M-SCOPE	10.99	0.00	1.43	9.56	1381.44
23-Jan-2007	1403	DR	M-SCOPE	11.40	0.00	1.43	9.97	1381.03
09-Apr-2007	1312	DR	M-SCOPE	10.90	0.00	1.43	9.47	1381.53
20-Jul-2007	1031	DR	M-SCOPE	6.75	0.00	1.43	5.32	1385.68
26-Oct-2007	1436	DR	M-SCOPE	10.08	0.00	1.43	8.65	1382.35
10-Jan-2008	1610	DR	M-SCOPE	10.30	0.00	1.43	8.87	1382.13
03-Apr-2008	1217	DR	M-SCOPE	9.94	0.00	1.43	8.51	1382.49
21-Jul-2008	1159	DR	M-SCOPE	9.10	0.00	1.43	7.67	1383.33
21-Oct-2008	1101	TR	M-SCOPE	8.91	0.00	1.43	7.48	1383.52
19-Jan-2009	1516	DR	M-SCOPE	8.96	0.00	1.43	7.53	1383.47
10-Apr-2009	1021	DR	M-SCOPE	9.18	0.00	1.43	7.75	1383.25
21-Jul-2009	1403	DR	M-SCOPE	8.83	0.00	1.43	7.40	1383.60
21-Oct-2009	1003	DR	M-SCOPE	8.80	0.00	1.43	7.37	1383.63
15-Jan-2010	1106	DR	M-SCOPE	8.82	0.00	1.43	7.39	1383.61
16-Apr-2010	1103	DR	M-SCOPE	8.53	0.00	1.43	7.10	1383.90
15-Jul-2010	1340	DR	M-SCOPE	7.04	0.00	1.43	5.61	1385.39
19-Oct-2010	1126	DR	M-SCOPE	9.44	0.00	1.43	8.01	1382.99
21-Jan-2011	1001	DR	M-SCOPE	9.81	0.00	1.43	8.38	1382.62
08-Apr-2011	1214	DR	M-SCOPE	10.02	0.00	1.43	8.59	1382.41
22-Jul-2011	1648	DR	M-SCOPE	11.70	0.00	1.43	10.27	1380.73
19-Oct-2011	1528	DR	M-SCOPE	13.07	0.00	1.43	11.64	1379.36
16-Jan-2012	1214	DR	M-SCOPE	12.72	0.00	1.43	11.29	1379.71
02-Mar-2012	1122	DR	M-SCOPE	11.94	0.00	1.43	10.51	1380.49
26-Apr-2012	1530	DR	M-SCOPE	11.28	0.00	1.43	9.85	1381.15
31-Jul-2012	1210	DR	M-SCOPE	13.16	0.00	1.43	11.73	1379.27
18-Oct-2012	1347	DR	M-SCOPE	14.11	0.00	1.43	12.68	1378.32
21-Jan-2013	1556	DR	M-SCOPE	14.03	0.00	1.43	12.60	1378.40
30-Apr-2013	1438	DR	M-SCOPE	13.90	0.00	1.43	12.47	1378.53
26-Jul-2013	1046	DR	M-SCOPE	13.70	0.00	1.43	12.27	1378.73
11-Oct-2013	1445	DR	M-SCOPE	10.86	0.00	1.43	9.43	1381.57
03-Jan-2014	1019	DR	M-SCOPE	10.44	0.00	1.43	9.01	1381.99
25-Apr-2014	929	DR	M-SCOPE	10.95	0.00	1.43	9.52	1381.48
15-Jul-2014	1026	DR	M-SCOPE	10.34	0.00	1.43	8.91	1382.09
28-Oct-2014	1320	DR	M-SCOPE	11.83	0.00	1.43	10.40	1380.60
09-Jan-2015	1145	DR	M-SCOPE	11.88	0.00	1.43	10.45	1380.55
21-Apr-2015	1226	DR	M-SCOPE	11.90	0.00	1.43	10.47	1380.53
04-Aug-2015	1138	DR	M-SCOPE	9.03	0.00	1.43	7.60	1383.40
29-Oct-2015	1530	DR	M-SCOPE	9.56	0.00	1.43	8.13	1382.87
04-Jan-2016	1154	DR	M-SCOPE	8.08	0.00	1.43	6.65	1384.35
19-Apr-2016	1152	DR	M-SCOPE	8.34	0.00	1.43	6.91	1384.09
26-Jul-2016	1630	DR	M-SCOPE	6.43	0.00	1.43	5.00	1386.00
19-Oct-2016	1103	DR	M-SCOPE	5.73	0.00	1.43	4.30	1386.70

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1325	TB	M-SCOPE	23.38		1.64	21.74	1369.36
18-Apr-2002	1410	TB	M-SCOPE	23.25		1.64	21.61	1369.49
23-Jul-2002	1110	TB	M-SCOPE	33.50		1.64	31.86	1359.24
11-Oct-2002	1425	CM	M-SCOPE	26.12		1.64	24.48	1366.62
31-Oct-2002	1302	TDB	M-SCOPE	24.99		1.64	23.35	1367.75
27-Jan-2003	1012	TB	M-SCOPE	24.88	0.00	1.64	23.24	1367.86
29-Apr-2003	1213	TB	M-SCOPE	24.91	0.00	1.64	23.27	1367.83
24-Jul-2003	1206	TB	M-SCOPE	38.71	0.00	1.64	37.07	1354.03
29-Oct-2003	1300	TB	M-SCOPE	25.88	0.00	1.64	24.24	1366.86
23-Jan-2004	1439	TB	M-SCOPE	24.88	0.00	1.64	23.24	1367.86
20-Apr-2004	1309	TB	M-SCOPE	24.49	0.00	1.64	22.85	1368.25
26-Jul-2004	1140	TB	M-SCOPE	33.17	0.00	1.64	31.53	1359.57
27-Oct-2004	1331	TB	M-SCOPE	25.79	0.00	1.64	24.15	1366.95
21-Jan-2005	1208	TB	M-SCOPE	25.10	0.00	1.64	23.46	1367.64
07-Apr-2005	1449	TB	M-SCOPE	24.73	0.00	1.64	23.09	1368.01
20-Jul-2005	1217	TB	M-SCOPE	26.68	0.00	1.64	25.04	1366.06
21-Oct-2005	1035	DR	M-SCOPE	22.87	0.00	1.64	21.23	1369.87
18-Jan-2006	1431	DR	M-SCOPE	21.82	0.00	1.64	20.18	1370.92
21-Apr-2006	1056	DR	M-SCOPE	24.40	0.00	1.64	22.76	1368.34
20-Jul-2006	1315	DR	M-SCOPE	33.85	0.00	1.64	32.21	1358.89
23-Oct-2006	1509	DR	M-SCOPE	25.30	0.00	1.64	23.66	1367.44
23-Jan-2007	1403	DR	M-SCOPE	24.60	0.00	1.64	22.96	1368.14
09-Apr-2007	1312	DR	M-SCOPE	24.40	0.00	1.64	22.76	1368.34
20-Jul-2007	1031	DR	M-SCOPE	26.20	0.00	1.64	24.56	1366.54
26-Oct-2007	1436	DR	M-SCOPE	24.80	0.00	1.64	23.16	1367.94
10-Jan-2008	1609	DR	M-SCOPE	23.75	0.00	1.64	22.11	1368.99
03-Apr-2008	1217	DR	M-SCOPE	24.47	0.00	1.64	22.83	1368.27
21-Jul-2008	1159	DR	M-SCOPE	30.40	0.00	1.64	28.76	1362.34
21-Oct-2008	1101	TR	M-SCOPE	22.92	0.00	1.64	21.28	1369.82
19-Jan-2009	1517	DR	M-SCOPE	22.70	0.00	1.64	21.06	1370.04
10-Apr-2009	1022	DR	M-SCOPE	22.10	0.00	1.64	20.46	1370.64
21-Jul-2009	1403	DR	M-SCOPE	23.79	0.00	1.64	22.15	1368.95
21-Oct-2009	1003	DR	M-SCOPE	21.84	0.00	1.64	20.20	1370.90
15-Jan-2010	1106	DR	M-SCOPE	21.06	0.00	1.64	19.42	1371.68
16-Apr-2010	1104	DR	M-SCOPE	24.21	0.00	1.64	22.57	1368.53
15-Jul-2010	1340	DR	M-SCOPE	22.96	0.00	1.64	21.32	1369.78
19-Oct-2010	1125	DR	M-SCOPE	22.90	0.00	1.64	21.26	1369.84
21-Jan-2011	1001	DR	M-SCOPE	21.89	0.00	1.64	20.25	1370.85
08-Apr-2011	1214	DR	M-SCOPE	23.52	0.00	1.64	21.88	1369.22
22-Jul-2011	1647	DR	M-SCOPE	38.02	0.00	1.64	36.38	1354.72
19-Oct-2011	1528	DR	M-SCOPE	26.50	0.00	1.64	24.86	1366.24
16-Jan-2012	1214	DR	M-SCOPE	25.70	0.00	1.64	24.06	1367.04
02-Mar-2012	1122	DR	M-SCOPE	26.35	0.00	1.64	24.71	1366.39
26-Apr-2012	1530	DR	M-SCOPE	25.40	0.00	1.64	23.76	1367.34
31-Jul-2012	1211	DR	M-SCOPE	40.19	0.00	1.64	38.55	1352.55
18-Oct-2012	1347	DR	M-SCOPE	28.13	0.00	1.64	26.49	1364.61
21-Jan-2013	1556	DR	M-SCOPE	27.88	0.00	1.64	26.24	1364.86
30-Apr-2013	1438	DR	M-SCOPE	27.82	0.00	1.64	26.18	1364.92
26-Jul-2013	1046	DR	M-SCOPE	35.81	0.00	1.64	34.17	1356.93
11-Oct-2013	1445	DR	M-SCOPE	27.34	0.00	1.64	25.70	1365.40
03-Jan-2014	1020	DR	M-SCOPE	25.22	0.00	1.64	23.58	1367.52
25-Apr-2014	930	DR	M-SCOPE	31.17	0.00	1.64	29.53	1361.57
15-Jul-2014	1026	DR	M-SCOPE	27.43	0.00	1.64	25.79	1365.31
28-Oct-2014	1320	DR	M-SCOPE	25.20	0.00	1.64	23.56	1367.54
09-Jan-2015	1145	DR	M-SCOPE	24.42	0.00	1.64	22.78	1368.32
21-Apr-2015	1226	DR	M-SCOPE	24.78	0.00	1.64	23.14	1367.96
04-Aug-2015	1137	DR	M-SCOPE	27.70	0.00	1.64	26.06	1365.04
29-Oct-2015	1529	DR	M-SCOPE	24.48	0.00	1.64	22.84	1368.26
04-Jan-2016	1154	DR	M-SCOPE	20.77	0.00	1.64	19.13	1371.97
19-Apr-2016	1152	DR	M-SCOPE	21.50	0.00	1.64	19.86	1371.24
26-Jul-2016	1630	DR	M-SCOPE	28.02	0.00	1.64	26.38	1364.72
19-Oct-2016	1104	DR	M-SCOPE	17.73	0.00	1.64	16.09	1375.01

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1145	TB	M-SCOPE	17.46		1.45	16.01	1366.69
04-Apr-2002	905	TB	M-SCOPE	17.61		1.45	16.16	1366.54
23-Jul-2002	830	TB	M-SCOPE	18.18		1.45	16.73	1365.97
11-Oct-2002	1440	CM	M-SCOPE	19.18		1.45	17.73	1364.97
22-Oct-2002	856	MTD	M-SCOPE	19.18		1.45	17.73	1364.97
20-Dec-2002	1157	DK	M-SCOPE	18.60	0.00	1.45	17.15	1365.55
27-Jan-2003	1025	TB	M-SCOPE	18.62	0.00	1.45	17.17	1365.53
13-Feb-2003	1104	DK	M-SCOPE	18.65	0.00	1.45	17.20	1365.50
11-Apr-2003	1029	DK	M-SCOPE	18.26	0.00	1.45	16.81	1365.89
29-Apr-2003	1157	TB	M-SCOPE	18.13	0.00	1.45	16.68	1366.02
24-Jul-2003	1148	TB	M-SCOPE	19.58	0.00	1.45	18.13	1364.57
29-Oct-2003	1312	TB	M-SCOPE	19.24	0.00	1.45	17.79	1364.91
23-Jan-2004	1425	TB	M-SCOPE	19.04	0.00	1.45	17.59	1365.11
20-Apr-2004	1251	TB	M-SCOPE	18.11	0.00	1.45	16.66	1366.04
26-Jul-2004	1151	TB	M-SCOPE	17.40	0.00	1.45	15.95	1366.75
27-Oct-2004	1400	TB	M-SCOPE	17.79	0.00	1.45	16.34	1366.36
21-Jan-2005	1152	TB	M-SCOPE	18.09	0.00	1.45	16.64	1366.06
07-Apr-2005	1458	TB	M-SCOPE	17.83	0.00	1.45	16.38	1366.32
20-Jul-2005	1153	TB	M-SCOPE	14.21	0.00	1.45	12.76	1369.94
20-Oct-2005	1709	TB	M-SCOPE	15.20	0.00	1.45	13.75	1368.95
18-Jan-2006	1443	DR	M-SCOPE	15.80	0.00	1.45	14.35	1368.35
21-Apr-2006	1027	DR	M-SCOPE	16.51	0.00	1.45	15.06	1367.64
20-Jul-2006	1335	DR	M-SCOPE	17.45	0.00	1.45	16.00	1366.70
23-Oct-2006	1427	DR	M-SCOPE	18.73	0.00	1.45	17.28	1365.42
23-Jan-2007	1333	DR	M-SCOPE	18.89	0.00	1.45	17.44	1365.26
09-Apr-2007	1245	DR	M-SCOPE	18.78	0.00	1.45	17.33	1365.37
20-Jul-2007	1006	DR	M-SCOPE	16.64	0.00	1.45	15.19	1367.51
26-Oct-2007	1444	DR	M-SCOPE	17.96	0.00	1.45	16.51	1366.19
11-Jan-2008	1113	DR	M-SCOPE	18.11	0.00	1.45	16.66	1366.04
03-Apr-2008	1437	DR	M-SCOPE	18.27	0.00	1.45	16.82	1365.88
21-Jul-2008	1137	DR	M-SCOPE	17.47	0.00	1.45	16.02	1366.68
21-Oct-2008	1044	DR	M-SCOPE	16.95	0.00	1.45	15.50	1367.20
20-Jan-2009	1012	DR	M-SCOPE	16.52	0.00	1.45	15.07	1367.63
10-Apr-2009	1004	DR	M-SCOPE	16.49	0.00	1.45	15.04	1367.66
21-Jul-2009	1309	DR	M-SCOPE	15.24	0.00	1.45	13.79	1368.91
21-Oct-2009	836	DR	M-SCOPE	15.28	0.00	1.45	13.83	1368.87
15-Jan-2010	1251	DR	M-SCOPE	15.25	0.00	1.45	13.80	1368.90
16-Apr-2010	1128	DR	M-SCOPE	15.45	0.00	1.45	14.00	1368.70
15-Jul-2010	1323	DR	M-SCOPE	13.81	0.00	1.45	12.36	1370.34
19-Oct-2010	1328	DR	M-SCOPE	15.78	0.00	1.45	14.33	1368.37
21-Jan-2011	1016	DR	NOT SPECIFIED	-9999.00	0.00	1.45	-10000.45	11383.15
08-Apr-2011	1044	DR	M-SCOPE	16.72	0.00	1.45	15.27	1367.43
22-Jul-2011	1308	DR	M-SCOPE	17.52	0.00	1.45	16.07	1366.63
19-Oct-2011	1606	DR	M-SCOPE	20.44	0.00	1.45	18.99	1363.71
16-Jan-2012	1204	DR	M-SCOPE	20.43	0.00	1.45	18.98	1363.72
02-Mar-2012	1143	DR	M-SCOPE	20.14	0.00	1.45	18.69	1364.01
26-Apr-2012	1616	DR	M-SCOPE	19.98	0.00	1.45	18.53	1364.17
31-Jul-2012	1146	DR	M-SCOPE	21.96	0.00	1.45	20.51	1362.19
19-Oct-2012	857	DR	M-SCOPE	22.40	0.00	1.45	20.95	1361.75
22-Jan-2013	1055	DR	M-SCOPE	22.58	0.00	1.45	21.13	1361.57
30-Apr-2013	1447	DR	M-SCOPE	22.72	0.00	1.45	21.27	1361.43
26-Jul-2013	1016	DR	M-SCOPE	23.33	0.00	1.45	21.88	1360.82
11-Oct-2013	1435	DR	M-SCOPE	21.65	0.00	1.45	20.20	1362.50
03-Jan-2014	1030	DR	M-SCOPE	20.68	0.00	1.45	19.23	1363.47
25-Apr-2014	956	DR	M-SCOPE	20.63	0.00	1.45	19.18	1363.52
15-Jul-2014	1041	DR	M-SCOPE	19.97	0.00	1.45	18.52	1364.18
28-Oct-2014	1305	DR	M-SCOPE	20.27	0.00	1.45	18.82	1363.88
09-Jan-2015	1354	DR	M-SCOPE	19.97	0.00	1.45	18.52	1364.18
21-Apr-2015	1149	DR	M-SCOPE	19.91	0.00	1.45	18.46	1364.24
04-Aug-2015	1146	DR	M-SCOPE	16.88	0.00	1.45	15.43	1367.27
29-Oct-2015	1519	DR	M-SCOPE	16.64	0.00	1.45	15.19	1367.51
04-Jan-2016	1146	DR	M-SCOPE	15.53	0.00	1.45	14.08	1368.62
19-Apr-2016	1135	DR	M-SCOPE	15.20	0.00	1.45	13.75	1368.95
26-Jul-2016	1505	DR	M-SCOPE	12.67	0.00	1.45	11.22	1371.48
19-Oct-2016	1113	DR	M-SCOPE	11.28	0.00	1.45	9.83	1372.87

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1150	TB	M-SCOPE	18.08		1.79	16.29	1366.41
04-Apr-2002	1020	TB	M-SCOPE	18.32		1.79	16.53	1366.17
23-Jul-2002	1055	TB	M-SCOPE	21.76		1.79	19.97	1362.73
11-Oct-2002	1445	CM	M-SCOPE	18.98		1.79	17.19	1365.51
22-Oct-2002	907	MTD	M-SCOPE	19.88		1.79	18.09	1364.61
20-Dec-2002	1201	DK	M-SCOPE	19.20	0.00	1.79	17.41	1365.29
27-Jan-2003	1026	TB	M-SCOPE	19.26	0.00	1.79	17.47	1365.23
13-Feb-2003	1105	DK	M-SCOPE	19.44	0.00	1.79	17.65	1365.05
11-Apr-2003	1030	DK	M-SCOPE	19.19	0.00	1.79	17.40	1365.30
29-Apr-2003	1157	TB	M-SCOPE	18.89	0.00	1.79	17.10	1365.60
24-Jul-2003	1149	TB	M-SCOPE	22.04	0.00	1.79	20.25	1362.45
29-Oct-2003	1312	TB	M-SCOPE	20.04	0.00	1.79	18.25	1364.45
23-Jan-2004	1426	TB	M-SCOPE	19.70	0.00	1.79	17.91	1364.79
20-Apr-2004	1252	TB	M-SCOPE	18.73	0.00	1.79	16.94	1365.76
26-Jul-2004	1152	TB	M-SCOPE	19.19	0.00	1.79	17.40	1365.30
27-Oct-2004	1400	TB	M-SCOPE	18.73	0.00	1.79	16.94	1365.76
21-Jan-2005	1152	TB	M-SCOPE	18.95	0.00	1.79	17.16	1365.54
07-Apr-2005	1458	TB	M-SCOPE	18.67	0.00	1.79	16.88	1365.82
20-Jul-2005	1154	TB	M-SCOPE	15.96	0.00	1.79	14.17	1368.53
20-Oct-2005	1710	TB	M-SCOPE	16.04	0.00	1.79	14.25	1368.45
18-Jan-2006	1444	DR	M-SCOPE	16.63	0.00	1.79	14.84	1367.86
21-Apr-2006	1027	DR	M-SCOPE	18.51	0.00	1.79	16.72	1365.98
20-Jul-2006	1336	DR	M-SCOPE	21.53	0.00	1.79	19.74	1362.96
23-Oct-2006	1427	DR	M-SCOPE	19.55	0.00	1.79	17.76	1364.94
23-Jan-2007	1333	DR	M-SCOPE	19.55	0.00	1.79	17.76	1364.94
09-Apr-2007	1245	DR	M-SCOPE	19.60	0.00	1.79	17.81	1364.89
20-Jul-2007	1006	DR	M-SCOPE	18.70	0.00	1.79	16.91	1365.79
26-Oct-2007	1444	DR	M-SCOPE	18.75	0.00	1.79	16.96	1365.74
11-Jan-2008	1113	DR	M-SCOPE	18.80	0.00	1.79	17.01	1365.69
03-Apr-2008	1437	DR	M-SCOPE	19.06	0.00	1.79	17.27	1365.43
21-Jul-2008	1137	DR	M-SCOPE	20.45	0.00	1.79	18.66	1364.04
21-Oct-2008	1044	DR	M-SCOPE	17.68	0.00	1.79	15.89	1366.81
20-Jan-2009	1012	DR	M-SCOPE	17.26	0.00	1.79	15.47	1367.23
10-Apr-2009	1004	DR	M-SCOPE	17.04	0.00	1.79	15.25	1367.45
21-Jul-2009	1309	DR	M-SCOPE	16.65	0.00	1.79	14.86	1367.84
21-Oct-2009	836	DR	M-SCOPE	15.99	0.00	1.79	14.20	1368.50
15-Jan-2010	1250	DR	M-SCOPE	15.95	0.00	1.79	14.16	1368.54
16-Apr-2010	1128	DR	M-SCOPE	16.60	0.00	1.79	14.81	1367.89
15-Jul-2010	1323	DR	M-SCOPE	15.15	0.00	1.79	13.36	1369.34
19-Oct-2010	1327	DR	M-SCOPE	16.55	0.00	1.79	14.76	1367.94
21-Jan-2011	1018	DR	M-SCOPE	16.88	0.00	1.79	15.09	1367.61
08-Apr-2011	1044	DR	M-SCOPE	17.64	0.00	1.79	15.85	1366.85
22-Jul-2011	1308	DR	M-SCOPE	21.61	0.00	1.79	19.82	1362.88
19-Oct-2011	1607	DR	M-SCOPE	21.23	0.00	1.79	19.44	1363.26
16-Jan-2012	1204	DR	M-SCOPE	21.10	0.00	1.79	19.31	1363.39
02-Mar-2012	1142	DR	M-SCOPE	20.95	0.00	1.79	19.16	1363.54
26-Apr-2012	1616	DR	M-SCOPE	21.55	0.00	1.79	19.76	1362.94
31-Jul-2012	1147	DR	M-SCOPE	25.87	0.00	1.79	24.08	1358.62
19-Oct-2012	857	DR	M-SCOPE	23.14	0.00	1.79	21.35	1361.35
22-Jan-2013	1054	DR	M-SCOPE	23.40	0.00	1.79	21.61	1361.09
30-Apr-2013	1448	DR	M-SCOPE	23.50	0.00	1.79	21.71	1360.99
26-Jul-2013	1016	DR	M-SCOPE	24.75	0.00	1.79	22.96	1359.74
11-Oct-2013	1435	DR	M-SCOPE	22.13	0.00	1.79	20.34	1362.36
03-Jan-2014	1030	DR	M-SCOPE	21.18	0.00	1.79	19.39	1363.31
25-Apr-2014	956	DR	M-SCOPE	22.20	0.00	1.79	20.41	1362.29
15-Jul-2014	1042	DR	M-SCOPE	22.08	0.00	1.79	20.29	1362.41
28-Oct-2014	1305	DR	M-SCOPE	20.77	0.00	1.79	18.98	1363.72
09-Jan-2015	1355	DR	M-SCOPE	20.43	0.00	1.79	18.64	1364.06
21-Apr-2015	1149	DR	M-SCOPE	20.42	0.00	1.79	18.63	1364.07
04-Aug-2015	1146	DR	M-SCOPE	17.81	0.00	1.79	16.02	1366.68
29-Oct-2015	1518	DR	M-SCOPE	17.31	0.00	1.79	15.52	1367.18
04-Jan-2016	1145	DR	M-SCOPE	16.00	0.00	1.79	14.21	1368.49
19-Apr-2016	1134	DR	M-SCOPE	15.88	0.00	1.79	14.09	1368.61
26-Jul-2016	1504	DR	M-SCOPE	15.66	0.00	1.79	13.87	1368.83
19-Oct-2016	1113	DR	M-SCOPE	11.92	0.00	1.79	10.13	1372.57

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
11-Mar-2002	1205	TB	M-SCOPE	21.98		1.51	20.47	1356.13
15-Apr-2002	1050	TB	M-SCOPE	21.98		1.51	20.47	1356.13
24-Jul-2002	900	TB	M-SCOPE	23.81		1.51	22.30	1354.30
11-Oct-2002	1510	CM	M-SCOPE	24.98		1.51	23.47	1353.13
31-Oct-2002	1317	TDB	M-SCOPE	24.89		1.51	23.38	1353.22
27-Jan-2003	1044	TB	M-SCOPE	24.07	0.00	1.51	22.56	1354.04
29-Apr-2003	1129	TB	M-SCOPE	23.68	0.00	1.51	22.17	1354.43
24-Jul-2003	1136	TB	M-SCOPE	24.88	0.00	1.51	23.37	1353.23
29-Oct-2003	1334	TB	M-SCOPE	25.23	0.00	1.51	23.72	1352.88
23-Jan-2004	1403	TB	M-SCOPE	24.27	0.00	1.51	22.76	1353.84
20-Apr-2004	1225	TB	M-SCOPE	22.83	0.00	1.51	21.32	1355.28
26-Jul-2004	1210	TB	M-SCOPE	23.13	0.00	1.51	21.62	1354.98
27-Oct-2004	1417	TB	M-SCOPE	23.04	0.00	1.51	21.53	1355.07
21-Jan-2005	1112	TB	M-SCOPE	23.40	0.00	1.51	21.89	1354.71
06-Apr-2005	1344	TB	M-SCOPE	23.60	0.00	1.51	22.09	1354.51
20-Jul-2005	1111	TB	M-SCOPE	20.77	0.00	1.51	19.26	1357.34
21-Oct-2005	913	DR	M-SCOPE	21.09	0.00	1.51	19.58	1357.02
18-Jan-2006	1455	DR	M-SCOPE	21.22	0.00	1.51	19.71	1356.89
21-Apr-2006	1003	DR	M-SCOPE	22.48	0.00	1.51	20.97	1355.63
20-Jul-2006	1438	DR	M-SCOPE	23.84	0.00	1.51	22.33	1354.27
23-Oct-2006	1410	DR	M-SCOPE	25.50	0.00	1.51	23.99	1352.61
23-Jan-2007	1217	DR	M-SCOPE	24.75	0.00	1.51	23.24	1353.36
09-Apr-2007	1236	DR	M-SCOPE	24.87	0.00	1.51	23.36	1353.24
20-Jul-2007	954	DR	M-SCOPE	22.94	0.00	1.51	21.43	1355.17
25-Oct-2007	1457	DR	M-SCOPE	24.13	0.00	1.51	22.62	1353.98
10-Jan-2008	1529	DR	M-SCOPE	24.08	0.00	1.51	22.57	1354.03
03-Apr-2008	1408	DR	M-SCOPE	23.84	0.00	1.51	22.33	1354.27
21-Jul-2008	1125	DR	M-SCOPE	23.18	0.00	1.51	21.67	1354.93
21-Oct-2008	1035	DR	M-SCOPE	22.92	0.00	1.51	21.41	1355.19
19-Jan-2009	1445	DR	M-SCOPE	21.48	0.00	1.51	19.97	1356.63
10-Apr-2009	933	DR	M-SCOPE	21.77	0.00	1.51	20.26	1356.34
21-Jul-2009	1242	DR	M-SCOPE	20.60	0.00	1.51	19.09	1357.51
21-Oct-2009	946	DR	M-SCOPE	20.50	0.00	1.51	18.99	1357.61
15-Jan-2010	1000	DR	M-SCOPE	20.27	0.00	1.51	18.76	1357.84
16-Apr-2010	1003	DR	M-SCOPE	21.01	0.00	1.51	19.50	1357.10
15-Jul-2010	1252	DR	M-SCOPE	20.13	0.00	1.51	18.62	1357.98
19-Oct-2010	1253	DR	M-SCOPE	21.55	0.00	1.51	20.04	1356.56
21-Jan-2011	1052	DR	M-SCOPE	21.95	0.00	1.51	20.44	1356.16
08-Apr-2011	1033	DR	M-SCOPE	22.50	0.00	1.51	20.99	1355.61
22-Jul-2011	1308	DR	M-SCOPE	23.81	0.00	1.51	22.30	1354.30
19-Oct-2011	1555	DR	M-SCOPE	26.90	0.00	1.51	25.39	1351.21
16-Jan-2012	1046	DR	M-SCOPE	26.50	0.00	1.51	24.99	1351.61
02-Mar-2012	1150	DR	M-SCOPE	26.15	0.00	1.51	24.64	1351.96
26-Apr-2012	1604	DR	M-SCOPE	26.18	0.00	1.51	24.67	1351.93
31-Jul-2012	1158	DR	M-SCOPE	28.19	0.00	1.51	26.68	1349.92
18-Oct-2012	1334	DR	M-SCOPE	29.53	0.00	1.51	28.02	1348.58
22-Jan-2013	1036	DR	M-SCOPE	28.84	0.00	1.51	27.33	1349.27
30-Apr-2013	1457	DR	M-SCOPE	28.50	0.00	1.51	26.99	1349.61
26-Jul-2013	1003	DR	M-SCOPE	29.56	0.00	1.51	28.05	1348.55
11-Oct-2013	1424	DR	M-SCOPE	27.00	0.00	1.51	25.49	1351.11
03-Jan-2014	1042	DR	M-SCOPE	25.73	0.00	1.51	24.22	1352.38
25-Apr-2014	1016	DR	M-SCOPE	24.91	0.00	1.51	23.40	1353.20
15-Jul-2014	900	DR	M-SCOPE	24.18	0.00	1.51	22.67	1353.93
28-Oct-2014	1228	DR	M-SCOPE	24.55	0.00	1.51	23.04	1353.56
08-Jan-2015	1214	DR	M-SCOPE	24.00	0.00	1.51	22.49	1354.11
21-Apr-2015	1053	DR	M-SCOPE	23.87	0.00	1.51	22.36	1354.24
04-Aug-2015	1254	DR	M-SCOPE	19.98	0.00	1.51	18.47	1358.13
29-Oct-2015	1413	DR	M-SCOPE	19.28	0.00	1.51	17.77	1358.83
04-Jan-2016	1055	DR	M-SCOPE	19.03	0.00	1.51	17.52	1359.08
19-Apr-2016	1025	DR	M-SCOPE	18.97	0.00	1.51	17.46	1359.14
26-Jul-2016	1515	DR	M-SCOPE	15.97	0.00	1.51	14.46	1362.14
19-Oct-2016	1128	DR	M-SCOPE	14.85	0.00	1.51	13.34	1363.26

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1210	TB	M-SCOPE	22.30		1.49	20.81	1356.09
15-Apr-2002	1300	TB	M-SCOPE	22.29		1.49	20.80	1356.10
24-Jul-2002	1115	TB	M-SCOPE	24.12		1.49	22.63	1354.27
11-Oct-2002	1515	CM	M-SCOPE	25.28		1.49	23.79	1353.11
31-Oct-2002	1319	TDB	M-SCOPE	25.16		1.49	23.67	1353.23
27-Jan-2003	1045	TB	M-SCOPE	24.39	0.00	1.49	22.90	1354.00
29-Apr-2003	1130	TB	M-SCOPE	23.95	0.00	1.49	22.46	1354.44
24-Jul-2003	1137	TB	M-SCOPE	25.13	0.00	1.49	23.64	1353.26
29-Oct-2003	1335	TB	M-SCOPE	25.53	0.00	1.49	24.04	1352.86
23-Jan-2004	1403	TB	M-SCOPE	24.59	0.00	1.49	23.10	1353.80
20-Apr-2004	1226	TB	M-SCOPE	23.13	0.00	1.49	21.64	1355.26
26-Jul-2004	1210	TB	M-SCOPE	23.39	0.00	1.49	21.90	1355.00
27-Oct-2004	1417	TB	M-SCOPE	23.33	0.00	1.49	21.84	1355.06
21-Jan-2005	1112	TB	M-SCOPE	23.69	0.00	1.49	22.20	1354.70
06-Apr-2005	1344	TB	M-SCOPE	23.81	0.00	1.49	22.32	1354.58
20-Jul-2005	1112	TB	M-SCOPE	21.07	0.00	1.49	19.58	1357.32
21-Oct-2005	914	DR	M-SCOPE	21.38	0.00	1.49	19.89	1357.01
18-Jan-2006	1456	DR	M-SCOPE	21.54	0.00	1.49	20.05	1356.85
21-Apr-2006	1003	DR	M-SCOPE	22.79	0.00	1.49	21.30	1355.60
20-Jul-2006	1438	DR	M-SCOPE	24.31	0.00	1.49	22.82	1354.08
23-Oct-2006	1410	DR	M-SCOPE	25.80	0.00	1.49	24.31	1352.59
23-Jan-2007	1217	DR	M-SCOPE	25.02	0.00	1.49	23.53	1353.37
09-Apr-2007	1236	DR	M-SCOPE	25.23	0.00	1.49	23.74	1353.16
20-Jul-2007	955	DR	M-SCOPE	23.16	0.00	1.49	21.67	1355.23
25-Oct-2007	1457	DR	M-SCOPE	24.46	0.00	1.49	22.97	1353.93
10-Jan-2008	1529	DR	M-SCOPE	24.35	0.00	1.49	22.86	1354.04
03-Apr-2008	1407	DR	M-SCOPE	24.14	0.00	1.49	22.65	1354.25
21-Jul-2008	1125	DR	M-SCOPE	23.46	0.00	1.49	21.97	1354.93
21-Oct-2008	1035	DR	M-SCOPE	22.64	0.00	1.49	21.15	1355.75
19-Jan-2009	1445	DR	M-SCOPE	21.80	0.00	1.49	20.31	1356.59
10-Apr-2009	933	DR	M-SCOPE	21.97	0.00	1.49	20.48	1356.42
21-Jul-2009	1243	DR	M-SCOPE	20.91	0.00	1.49	19.42	1357.48
21-Oct-2009	946	DR	M-SCOPE	20.75	0.00	1.49	19.26	1357.64
15-Jan-2010	959	DR	M-SCOPE	20.47	0.00	1.49	18.98	1357.92
16-Apr-2010	1003	DR	M-SCOPE	21.31	0.00	1.49	19.82	1357.08
15-Jul-2010	1252	DR	M-SCOPE	20.41	0.00	1.49	18.92	1357.98
19-Oct-2010	1253	DR	M-SCOPE	21.84	0.00	1.49	20.35	1356.55
21-Jan-2011	1053	DR	M-SCOPE	22.29	0.00	1.49	20.80	1356.10
08-Apr-2011	1033	DR	M-SCOPE	22.78	0.00	1.49	21.29	1355.61
22-Jul-2011	1309	DR	M-SCOPE	24.36	0.00	1.49	22.87	1354.03
19-Oct-2011	1554	DR	M-SCOPE	27.23	0.00	1.49	25.74	1351.16
16-Jan-2012	1046	DR	M-SCOPE	26.78	0.00	1.49	25.29	1351.61
02-Mar-2012	1151	DR	M-SCOPE	26.40	0.00	1.49	24.91	1351.99
26-Apr-2012	1605	DR	M-SCOPE	26.50	0.00	1.49	25.01	1351.89
31-Jul-2012	1158	DR	M-SCOPE	28.68	0.00	1.49	27.19	1349.71
18-Oct-2012	1334	DR	M-SCOPE	29.82	0.00	1.49	28.33	1348.57
22-Jan-2013	1036	DR	M-SCOPE	29.13	0.00	1.49	27.64	1349.26
30-Apr-2013	1457	DR	M-SCOPE	28.76	0.00	1.49	27.27	1349.63
26-Jul-2013	1003	DR	M-SCOPE	29.85	0.00	1.49	28.36	1348.54
11-Oct-2013	1424	DR	M-SCOPE	27.51	0.00	1.49	26.02	1350.88
03-Jan-2014	1043	DR	M-SCOPE	26.06	0.00	1.49	24.57	1352.33
25-Apr-2014	1016	DR	M-SCOPE	25.18	0.00	1.49	23.69	1353.21
15-Jul-2014	901	DR	M-SCOPE	24.43	0.00	1.49	22.94	1353.96
28-Oct-2014	1228	DR	M-SCOPE	24.79	0.00	1.49	23.30	1353.60
08-Jan-2015	1216	DR	M-SCOPE	24.37	0.00	1.49	22.88	1354.02
21-Apr-2015	1052	DR	M-SCOPE	24.21	0.00	1.49	22.72	1354.18
04-Aug-2015	1253	DR	M-SCOPE	20.29	0.00	1.49	18.80	1358.10
29-Oct-2015	1414	DR	M-SCOPE	19.63	0.00	1.49	18.14	1358.76
04-Jan-2016	1055	DR	M-SCOPE	19.33	0.00	1.49	17.84	1359.06
19-Apr-2016	1025	DR	M-SCOPE	19.32	0.00	1.49	17.83	1359.07
26-Jul-2016	1514	DR	M-SCOPE	16.32	0.00	1.49	14.83	1362.07
19-Oct-2016	1129	DR	M-SCOPE	15.16	0.00	1.49	13.67	1363.23

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1220	TB	M-SCOPE	17.95		1.61	16.34	1347.96
03-May-2002	1005	TB	M-SCOPE	17.96		1.61	16.35	1347.95
22-Jul-2002	940	TB	M-SCOPE	18.56		1.61	16.95	1347.35
11-Oct-2002	1520	CM	M-SCOPE	18.68		1.61	17.07	1347.23
31-Oct-2002	1329	TDB	M-SCOPE	18.38		1.61	16.77	1347.53
27-Jan-2003	1058	TB	M-SCOPE	18.35	0.00	1.61	16.74	1347.56
29-Apr-2003	1144	TB	M-SCOPE	17.20	0.00	1.61	15.59	1348.71
24-Jul-2003	1121	TB	M-SCOPE	18.19	0.00	1.61	16.58	1347.72
29-Oct-2003	1347	TB	M-SCOPE	17.02	0.00	1.61	15.41	1348.89
23-Jan-2004	1413	TB	M-SCOPE	17.76	0.00	1.61	16.15	1348.15
20-Apr-2004	1238	TB	M-SCOPE	16.58	0.00	1.61	14.97	1349.33
26-Jul-2004	1229	TB	M-SCOPE	15.98	0.00	1.61	14.37	1349.93
27-Oct-2004	1428	TB	M-SCOPE	17.27	0.00	1.61	15.66	1348.64
21-Jan-2005	1122	TB	M-SCOPE	17.66	0.00	1.61	16.05	1348.25
06-Apr-2005	1336	TB	M-SCOPE	17.13	0.00	1.61	15.52	1348.78
20-Jul-2005	1124	TB	M-SCOPE	15.19	0.00	1.61	13.58	1350.72
21-Oct-2005	925	DR	M-SCOPE	16.71	0.00	1.61	15.10	1349.20
18-Jan-2006	1506	DR	M-SCOPE	17.48	0.00	1.61	15.87	1348.43
21-Apr-2006	955	DR	M-SCOPE	18.39	0.00	1.61	16.78	1347.52
20-Jul-2006	1429	DR	M-SCOPE	18.60	0.00	1.61	16.99	1347.31
23-Oct-2006	1358	DR	M-SCOPE	19.62	0.00	1.61	18.01	1346.29
23-Jan-2007	1224	DR	M-SCOPE	19.60	0.00	1.61	17.99	1346.31
09-Apr-2007	1226	DR	M-SCOPE	19.20	0.00	1.61	17.59	1346.71
20-Jul-2007	1059	DR	M-SCOPE	16.70	0.00	1.61	15.09	1349.21
25-Oct-2007	1508	DR	M-SCOPE	18.37	0.00	1.61	16.76	1347.54
10-Jan-2008	1518	DR	M-SCOPE	18.37	0.00	1.61	16.76	1347.54
03-Apr-2008	1358	DR	M-SCOPE	18.28	0.00	1.61	16.67	1347.63
21-Jul-2008	1116	DR	M-SCOPE	17.59	0.00	1.61	15.98	1348.32
21-Oct-2008	1035	DR	M-SCOPE	16.70	0.00	1.61	15.09	1349.21
19-Jan-2009	1458	DR	M-SCOPE	17.09	0.00	1.61	15.48	1348.82
10-Apr-2009	924	DR	M-SCOPE	17.00	0.00	1.61	15.39	1348.91
21-Jul-2009	1234	DR	M-SCOPE	15.55	0.00	1.61	13.94	1350.36
21-Oct-2009	938	DR	M-SCOPE	16.38	0.00	1.61	14.77	1349.53
15-Jan-2010	1012	DR	M-SCOPE	16.92	0.00	1.61	15.31	1348.99
16-Apr-2010	1014	DR	M-SCOPE	17.43	0.00	1.61	15.82	1348.48
15-Jul-2010	1304	DR	M-SCOPE	15.10	0.00	1.61	13.49	1350.81
19-Oct-2010	1243	DR	M-SCOPE	17.19	0.00	1.61	15.58	1348.72
21-Jan-2011	1122	DR	M-SCOPE	17.89	0.00	1.61	16.28	1348.02
08-Apr-2011	934	DR	M-SCOPE	18.31	0.00	1.61	16.70	1347.60
22-Jul-2011	1309	DR	M-SCOPE	18.67	0.00	1.61	17.06	1347.24
19-Oct-2011	1545	DR	M-SCOPE	20.63	0.00	1.61	19.02	1345.28
16-Jan-2012	1056	DR	M-SCOPE	20.34	0.00	1.61	18.73	1345.57
02-Mar-2012	1157	DR	M-SCOPE	20.06	0.00	1.61	18.45	1345.85
26-Apr-2012	1556	DR	M-SCOPE	19.80	0.00	1.61	18.19	1346.11
31-Jul-2012	1106	DR	M-SCOPE	21.00	0.00	1.61	19.39	1344.91
18-Oct-2012	1322	DR	M-SCOPE	21.48	0.00	1.61	19.87	1344.43
22-Jan-2013	1026	DR	M-SCOPE	21.41	0.00	1.61	19.80	1344.50
30-Apr-2013	1507	DR	M-SCOPE	21.24	0.00	1.61	19.63	1344.67
26-Jul-2013	954	DR	M-SCOPE	21.34	0.00	1.61	19.73	1344.57
11-Oct-2013	1415	DR	M-SCOPE	18.38	0.00	1.61	16.77	1347.53
03-Jan-2014	1054	DR	M-SCOPE	19.04	0.00	1.61	17.43	1346.87
25-Apr-2014	852	DR	M-SCOPE	19.75	0.00	1.61	18.14	1346.16
15-Jul-2014	914	DR	M-SCOPE	18.64	0.00	1.61	17.03	1347.27
28-Oct-2014	1241	DR	M-SCOPE	19.50	0.00	1.61	17.89	1346.41
08-Jan-2015	1224	DR	M-SCOPE	19.53	0.00	1.61	17.92	1346.38
21-Apr-2015	1210	DR	M-SCOPE	19.48	0.00	1.61	17.87	1346.43
04-Aug-2015	1244	DR	M-SCOPE	16.45	0.00	1.61	14.84	1349.46
29-Oct-2015	1425	DR	M-SCOPE	17.34	0.00	1.61	15.73	1348.57
04-Jan-2016	1047	DR	M-SCOPE	16.52	0.00	1.61	14.91	1349.39
19-Apr-2016	1037	DR	M-SCOPE	17.17	0.00	1.61	15.56	1348.74
26-Jul-2016	1526	DR	M-SCOPE	14.03	0.00	1.61	12.42	1351.88
19-Oct-2016	1140	DR	M-SCOPE	14.13	0.00	1.61	12.52	1351.78

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
11-Mar-2002	1225	TB	M-SCOPE	18.25		1.91	16.34	1347.96
03-May-2002	1125	TB	M-SCOPE	18.24		1.91	16.33	1347.97
22-Jul-2002	1145	TB	M-SCOPE	18.92		1.91	17.01	1347.29
11-Oct-2002	1525	CM	M-SCOPE	18.92		1.91	17.01	1347.29
31-Oct-2002	1331	TDB	M-SCOPE	18.63		1.91	16.72	1347.58
27-Jan-2003	1059	TB	M-SCOPE	18.63	0.00	1.91	16.72	1347.58
29-Apr-2003	1145	TB	M-SCOPE	17.44	0.00	1.91	15.53	1348.77
24-Jul-2003	1122	TB	M-SCOPE	18.52	0.00	1.91	16.61	1347.69
29-Oct-2003	1348	TB	M-SCOPE	17.28	0.00	1.91	15.37	1348.93
23-Jan-2004	1414	TB	M-SCOPE	18.05	0.00	1.91	16.14	1348.16
20-Apr-2004	1239	TB	M-SCOPE	16.87	0.00	1.91	14.96	1349.34
26-Jul-2004	1229	TB	M-SCOPE	16.19	0.00	1.91	14.28	1350.02
27-Oct-2004	1428	TB	M-SCOPE	17.58	0.00	1.91	15.67	1348.63
21-Jan-2005	1123	TB	M-SCOPE	17.95	0.00	1.91	16.04	1348.26
06-Apr-2005	1336	TB	M-SCOPE	17.39	0.00	1.91	15.48	1348.82
20-Jul-2005	1124	TB	M-SCOPE	15.59	0.00	1.91	13.68	1350.62
21-Oct-2005	926	DR	M-SCOPE	17.02	0.00	1.91	15.11	1349.19
18-Jan-2006	1507	DR	M-SCOPE	17.78	0.00	1.91	15.87	1348.43
21-Apr-2006	956	DR	M-SCOPE	18.71	0.00	1.91	16.80	1347.50
20-Jul-2006	1429	DR	M-SCOPE	18.93	0.00	1.91	17.02	1347.28
23-Oct-2006	1358	DR	M-SCOPE	19.96	0.00	1.91	18.05	1346.25
23-Jan-2007	1225	DR	M-SCOPE	19.92	0.00	1.91	18.01	1346.29
09-Apr-2007	1226	DR	M-SCOPE	19.45	0.00	1.91	17.54	1346.76
20-Jul-2007	1059	DR	M-SCOPE	17.01	0.00	1.91	15.10	1349.20
25-Oct-2007	1508	DR	M-SCOPE	18.69	0.00	1.91	16.78	1347.52
10-Jan-2008	1518	DR	M-SCOPE	18.63	0.00	1.91	16.72	1347.58
03-Apr-2008	1358	DR	M-SCOPE	18.56	0.00	1.91	16.65	1347.65
21-Jul-2008	1116	DR	M-SCOPE	17.95	0.00	1.91	16.04	1348.26
21-Oct-2008	1036	DR	M-SCOPE	16.96	0.00	1.91	15.05	1349.25
19-Jan-2009	1458	DR	M-SCOPE	17.40	0.00	1.91	15.49	1348.81
10-Apr-2009	924	DR	M-SCOPE	17.31	0.00	1.91	15.40	1348.90
21-Jul-2009	1233	DR	M-SCOPE	15.91	0.00	1.91	14.00	1350.30
21-Oct-2009	937	DR	M-SCOPE	16.72	0.00	1.91	14.81	1349.49
15-Jan-2010	1012	DR	M-SCOPE	17.24	0.00	1.91	15.33	1348.97
16-Apr-2010	1014	DR	M-SCOPE	17.70	0.00	1.91	15.79	1348.51
15-Jul-2010	1304	DR	M-SCOPE	15.38	0.00	1.91	13.47	1350.83
19-Oct-2010	1243	DR	M-SCOPE	17.54	0.00	1.91	15.63	1348.67
21-Jan-2011	1122	DR	M-SCOPE	18.21	0.00	1.91	16.30	1348.00
08-Apr-2011	933	DR	M-SCOPE	18.60	0.00	1.91	16.69	1347.61
22-Jul-2011	1309	DR	M-SCOPE	18.98	0.00	1.91	17.07	1347.23
19-Oct-2011	1545	DR	M-SCOPE	20.92	0.00	1.91	19.01	1345.29
16-Jan-2012	1056	DR	M-SCOPE	20.60	0.00	1.91	18.69	1345.61
02-Mar-2012	1157	DR	M-SCOPE	20.29	0.00	1.91	18.38	1345.92
26-Apr-2012	1556	DR	M-SCOPE	20.07	0.00	1.91	18.16	1346.14
31-Jul-2012	1107	DR	M-SCOPE	21.27	0.00	1.91	19.36	1344.94
18-Oct-2012	1323	DR	M-SCOPE	21.74	0.00	1.91	19.83	1344.47
22-Jan-2013	1026	DR	M-SCOPE	21.66	0.00	1.91	19.75	1344.55
30-Apr-2013	1507	DR	M-SCOPE	21.48	0.00	1.91	19.57	1344.73
26-Jul-2013	954	DR	M-SCOPE	21.61	0.00	1.91	19.70	1344.60
11-Oct-2013	1416	DR	M-SCOPE	18.78	0.00	1.91	16.87	1347.43
03-Jan-2014	1053	DR	M-SCOPE	19.36	0.00	1.91	17.45	1346.85
25-Apr-2014	852	DR	M-SCOPE	20.06	0.00	1.91	18.15	1346.15
15-Jul-2014	914	DR	M-SCOPE	18.93	0.00	1.91	17.02	1347.28
28-Oct-2014	1240	DR	M-SCOPE	19.81	0.00	1.91	17.90	1346.40
08-Jan-2015	1224	DR	M-SCOPE	19.84	0.00	1.91	17.93	1346.37
21-Apr-2015	1210	DR	M-SCOPE	19.73	0.00	1.91	17.82	1346.48
04-Aug-2015	1243	DR	M-SCOPE	16.83	0.00	1.91	14.92	1349.38
29-Oct-2015	1425	DR	M-SCOPE	17.68	0.00	1.91	15.77	1348.53
04-Jan-2016	1047	DR	M-SCOPE	16.79	0.00	1.91	14.88	1349.42
19-Apr-2016	1038	DR	M-SCOPE	17.48	0.00	1.91	15.57	1348.73
26-Jul-2016	1526	DR	M-SCOPE	14.39	0.00	1.91	12.48	1351.82
19-Oct-2016	1140	DR	M-SCOPE	14.53	0.00	1.91	12.62	1351.68

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1425	TB	M-SCOPE	7.58		1.94	5.64	1376.16
30-Apr-2002	955	TB	M-SCOPE	7.53		1.94	5.59	1376.21
24-Jul-2002	905	TB	M-SCOPE	7.66		1.94	5.72	1376.08
11-Oct-2002	1540	CM	M-SCOPE	7.37		1.94	5.43	1376.37
31-Oct-2002	1408	TDB	M-SCOPE	6.36		1.94	4.42	1377.38
27-Jan-2003	1202	TB	M-SCOPE	7.10	0.00	1.94	5.16	1376.64
29-Apr-2003	1248	TB	M-SCOPE	5.31	0.00	1.94	3.37	1378.43
24-Jul-2003	1408	TB	M-SCOPE	7.74	0.00	1.94	5.80	1376.00
29-Oct-2003	1432	TB	M-SCOPE	6.91	0.00	1.94	4.97	1376.83
23-Jan-2004	1504	TB	M-SCOPE	6.88	0.00	1.94	4.94	1376.86
20-Apr-2004	1337	TB	M-SCOPE	6.31	0.00	1.94	4.37	1377.43
26-Jul-2004	1315	TB	M-SCOPE	4.52	0.00	1.94	2.58	1379.22
25-Oct-2004	1639	TB	M-SCOPE	7.34	0.00	1.94	5.40	1376.40
21-Jan-2005	1256	TB	M-SCOPE	6.34	0.00	1.94	4.40	1377.40
06-Apr-2005	1259	TB	M-SCOPE	5.67	0.00	1.94	3.73	1378.07
20-Jul-2005	1246	TB	M-SCOPE	5.09	0.00	1.94	3.15	1378.65
21-Oct-2005	1015	DR	M-SCOPE	6.39	0.00	1.94	4.45	1377.35
18-Jan-2006	1550	DR	M-SCOPE	6.70	0.00	1.94	4.76	1377.04
21-Apr-2006	922	DR	M-SCOPE	6.88	0.00	1.94	4.94	1376.86
20-Jul-2006	1354	DR	M-SCOPE	7.33	0.00	1.94	5.39	1376.41
23-Oct-2006	1318	DR	M-SCOPE	8.06	0.00	1.94	6.12	1375.68
23-Jan-2007	1322	DR	M-SCOPE	7.91	0.00	1.94	5.97	1375.83
09-Apr-2007	1125	DR	M-SCOPE	6.45	0.00	1.94	4.51	1377.29
20-Jul-2007	910	DR	M-SCOPE	4.61	0.00	1.94	2.67	1379.13
25-Oct-2007	1600	DR	M-SCOPE	7.29	0.00	1.94	5.35	1376.45
10-Jan-2008	1439	DR	M-SCOPE	6.86	0.00	1.94	4.92	1376.88
03-Apr-2008	1237	DR	M-SCOPE	6.31	0.00	1.94	4.37	1377.43
21-Jul-2008	1023	DR	M-SCOPE	6.11	0.00	1.94	4.17	1377.63
21-Oct-2008	855	DR	M-SCOPE	4.83	0.00	1.94	2.89	1378.91
29-Jan-2009	1307	DR	M-SCOPE	6.02	0.00	1.94	4.08	1377.72
10-Apr-2009	905	DR	M-SCOPE	5.21	0.00	1.94	3.27	1378.53
21-Jul-2009	1352	DR	M-SCOPE	6.74	0.00	1.94	4.80	1377.00
21-Oct-2009	854	DR	M-SCOPE	5.94	0.00	1.94	4.00	1377.80
15-Jan-2010	1054	DR	M-SCOPE	6.15	0.00	1.94	4.21	1377.59
16-Apr-2010	1053	DR	M-SCOPE	6.13	0.00	1.94	4.19	1377.61
15-Jul-2010	1355	DR	M-SCOPE	4.19	0.00	1.94	2.25	1379.55
19-Oct-2010	1157	DR	M-SCOPE	7.52	0.00	1.94	5.58	1376.22
21-Jan-2011	938	DR	M-SCOPE	7.24	0.00	1.94	5.30	1376.50
08-Apr-2011	1005	DR	M-SCOPE	7.23	0.00	1.94	5.29	1376.51
22-Jul-2011	1709	DR	M-SCOPE	8.17	0.00	1.94	6.23	1375.57
19-Oct-2011	1505	DR	M-SCOPE	9.04	0.00	1.94	7.10	1374.70
16-Jan-2012	1151	DR	M-SCOPE	8.35	0.00	1.94	6.41	1375.39
02-Mar-2012	1309	DR	M-SCOPE	7.51	0.00	1.94	5.57	1376.23
26-Apr-2012	1518	DR	M-SCOPE	7.29	0.00	1.94	5.35	1376.45
31-Jul-2012	1136	DR	M-SCOPE	8.75	0.00	1.94	6.81	1374.99
18-Oct-2012	1308	DR	M-SCOPE	9.43	0.00	1.94	7.49	1374.31
22-Jan-2013	958	DR	M-SCOPE	9.29	0.00	1.94	7.35	1374.45
30-Apr-2013	1542	DR	M-SCOPE	8.88	0.00	1.94	6.94	1374.86
26-Jul-2013	1031	DR	M-SCOPE	8.52	0.00	1.94	6.58	1375.22
11-Oct-2013	1343	DR	M-SCOPE	7.44	0.00	1.94	5.50	1376.30
03-Jan-2014	1201	DR	M-SCOPE	7.51	0.00	1.94	5.57	1376.23
25-Apr-2014	919	DR	M-SCOPE	8.07	0.00	1.94	6.13	1375.67
15-Jul-2014	958	DR	M-SCOPE	7.03	0.00	1.94	5.09	1376.71
28-Oct-2014	1159	DR	M-SCOPE	8.63	0.00	1.94	6.69	1375.11
09-Jan-2015	1131	DR	M-SCOPE	8.68	0.00	1.94	6.74	1375.06
21-Apr-2015	1134	DR	M-SCOPE	8.64	0.00	1.94	6.70	1375.10
04-Aug-2015	1204	DR	M-SCOPE	5.90	0.00	1.94	3.96	1377.84
29-Oct-2015	1508	DR	M-SCOPE	7.44	0.00	1.94	5.50	1376.30
04-Jan-2016	1011	DR	M-SCOPE	5.39	0.00	1.94	3.45	1378.35
19-Apr-2016	1121	DR	M-SCOPE	6.23	0.00	1.94	4.29	1377.51
26-Jul-2016	1610	DR	M-SCOPE	5.21	0.00	1.94	3.27	1378.53
19-Oct-2016	1219	DR	M-SCOPE	4.92	0.00	1.94	2.98	1378.82

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
11-Mar-2002	1430	TB	M-SCOPE	10.26		1.87	8.39	1373.31
30-Apr-2002	1130	TB	M-SCOPE	10.26		1.87	8.39	1373.31
24-Jul-2002	1110	TB	M-SCOPE	12.82		1.87	10.95	1370.75
11-Oct-2002	1545	CM	M-SCOPE	10.06		1.87	8.19	1373.51
31-Oct-2002	1410	TDB	M-SCOPE	9.58		1.87	7.71	1373.99
27-Jan-2003	1203	TB	M-SCOPE	9.91	0.00	1.87	8.04	1373.66
29-Apr-2003	1249	TB	M-SCOPE	8.65	0.00	1.87	6.78	1374.92
24-Jul-2003	1408	TB	M-SCOPE	12.55	0.00	1.87	10.68	1371.02
29-Oct-2003	1433	TB	M-SCOPE	9.75	0.00	1.87	7.88	1373.82
23-Jan-2004	1504	TB	M-SCOPE	9.88	0.00	1.87	8.01	1373.69
20-Apr-2004	1338	TB	M-SCOPE	9.22	0.00	1.87	7.35	1374.35
26-Jul-2004	1316	TB	M-SCOPE	8.50	0.00	1.87	6.63	1375.07
25-Oct-2004	1640	TB	M-SCOPE	9.87	0.00	1.87	8.00	1373.70
21-Jan-2005	1257	TB	M-SCOPE	9.19	0.00	1.87	7.32	1374.38
06-Apr-2005	1300	TB	M-SCOPE	8.73	0.00	1.87	6.86	1374.84
20-Jul-2005	1247	TB	M-SCOPE	8.54	0.00	1.87	6.67	1375.03
21-Oct-2005	1015	DR	M-SCOPE	9.15	0.00	1.87	7.28	1374.42
18-Jan-2006	1551	DR	M-SCOPE	9.41	0.00	1.87	7.54	1374.16
21-Apr-2006	922	DR	M-SCOPE	9.75	0.00	1.87	7.88	1373.82
20-Jul-2006	1354	DR	M-SCOPE	12.37	0.00	1.87	10.50	1371.20
23-Oct-2006	1318	DR	M-SCOPE	10.68	0.00	1.87	8.81	1372.89
23-Jan-2007	1322	DR	M-SCOPE	10.47	0.00	1.87	8.60	1373.10
09-Apr-2007	1125	DR	M-SCOPE	9.30	0.00	1.87	7.43	1374.27
20-Jul-2007	909	DR	M-SCOPE	9.08	0.00	1.87	7.21	1374.49
25-Oct-2007	1600	DR	M-SCOPE	9.80	0.00	1.87	7.93	1373.77
10-Jan-2008	1439	DR	M-SCOPE	9.64	0.00	1.87	7.77	1373.93
03-Apr-2008	1238	DR	M-SCOPE	9.30	0.00	1.87	7.43	1374.27
21-Jul-2008	1023	DR	M-SCOPE	11.00	0.00	1.87	9.13	1372.57
21-Oct-2008	855	DR	M-SCOPE	8.03	0.00	1.87	6.16	1375.54
29-Jan-2009	1307	DR	M-SCOPE	9.52	0.00	1.87	7.65	1374.05
10-Apr-2009	905	DR	M-SCOPE	8.33	0.00	1.87	6.46	1375.24
21-Jul-2009	1351	DR	M-SCOPE	10.41	0.00	1.87	8.54	1373.16
21-Oct-2009	854	DR	M-SCOPE	9.50	0.00	1.87	7.63	1374.07
15-Jan-2010	1054	DR	M-SCOPE	10.20	0.00	1.87	8.33	1373.37
16-Apr-2010	1053	DR	M-SCOPE	10.59	0.00	1.87	8.72	1372.98
15-Jul-2010	1354	DR	M-SCOPE	10.13	0.00	1.87	8.26	1373.44
19-Oct-2010	1157	DR	M-SCOPE	9.94	0.00	1.87	8.07	1373.63
21-Jan-2011	937	DR	M-SCOPE	9.85	0.00	1.87	7.98	1373.72
08-Apr-2011	1005	DR	M-SCOPE	10.84	0.00	1.87	8.97	1372.73
22-Jul-2011	1709	DR	M-SCOPE	15.60	0.00	1.87	13.73	1367.97
19-Oct-2011	1505	DR	M-SCOPE	11.77	0.00	1.87	9.90	1371.80
16-Jan-2012	1151	DR	M-SCOPE	11.12	0.00	1.87	9.25	1372.45
02-Mar-2012	1309	DR	M-SCOPE	10.45	0.00	1.87	8.58	1373.12
26-Apr-2012	1518	DR	M-SCOPE	10.23	0.00	1.87	8.36	1373.34
31-Jul-2012	1136	DR	M-SCOPE	14.09	0.00	1.87	12.22	1369.48
18-Oct-2012	1308	DR	M-SCOPE	12.14	0.00	1.87	10.27	1371.43
22-Jan-2013	958	DR	M-SCOPE	11.93	0.00	1.87	10.06	1371.64
30-Apr-2013	1543	DR	M-SCOPE	11.66	0.00	1.87	9.79	1371.91
26-Jul-2013	1031	DR	M-SCOPE	11.78	0.00	1.87	9.91	1371.79
11-Oct-2013	1343	DR	M-SCOPE	10.61	0.00	1.87	8.74	1372.96
03-Jan-2014	1201	DR	M-SCOPE	10.58	0.00	1.87	8.71	1372.99
25-Apr-2014	919	DR	M-SCOPE	11.45	0.00	1.87	9.58	1372.12
15-Jul-2014	958	DR	M-SCOPE	10.40	0.00	1.87	8.53	1373.17
28-Oct-2014	1159	DR	M-SCOPE	11.59	0.00	1.87	9.72	1371.98
09-Jan-2015	1132	DR	M-SCOPE	11.48	0.00	1.87	9.61	1372.09
21-Apr-2015	1134	DR	M-SCOPE	11.73	0.00	1.87	9.86	1371.84
04-Aug-2015	1204	DR	M-SCOPE	9.57	0.00	1.87	7.70	1374.00
29-Oct-2015	1508	DR	M-SCOPE	10.49	0.00	1.87	8.62	1373.08
04-Jan-2016	1011	DR	M-SCOPE	8.98	0.00	1.87	7.11	1374.59
19-Apr-2016	1122	DR	M-SCOPE	9.82	0.00	1.87	7.95	1373.75
26-Jul-2016	1610	DR	M-SCOPE	12.24	0.00	1.87	10.37	1371.33
19-Oct-2016	1219	DR	M-SCOPE	8.32	0.00	1.87	6.45	1375.25

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1435	TB	M-SCOPE	11.40		1.72	9.68	1365.32
01-May-2002	1010	TB	M-SCOPE	11.47		1.72	9.75	1365.25
25-Jul-2002	855	TB	M-SCOPE	11.86		1.72	10.14	1364.86
11-Oct-2002	1555	CM	M-SCOPE	11.54		1.72	9.82	1365.18
31-Oct-2002	1358	TDB	M-SCOPE	10.97		1.72	9.25	1365.75
27-Jan-2003	1146	TB	M-SCOPE	10.94	0.00	1.72	9.22	1365.78
29-Apr-2003	1300	TB	M-SCOPE	10.10	0.00	1.72	8.38	1366.62
24-Jul-2003	1355	TB	M-SCOPE	11.51	0.00	1.72	9.79	1365.21
29-Oct-2003	1421	TB	M-SCOPE	10.77	0.00	1.72	9.05	1365.95
23-Jan-2004	1514	TB	M-SCOPE	11.12	0.00	1.72	9.40	1365.60
20-Apr-2004	1350	TB	M-SCOPE	10.10	0.00	1.72	8.38	1366.62
26-Jul-2004	1305	TB	M-SCOPE	9.18	0.00	1.72	7.46	1367.54
27-Oct-2004	1508	TB	M-SCOPE	10.33	0.00	1.72	8.61	1366.39
21-Jan-2005	1309	TB	M-SCOPE	10.20	0.00	1.72	8.48	1366.52
06-Apr-2005	1310	TB	M-SCOPE	9.65	0.00	1.72	7.93	1367.07
20-Jul-2005	1256	TB	M-SCOPE	8.46	0.00	1.72	6.74	1368.26
21-Oct-2005	1002	DR	M-SCOPE	9.24	0.00	1.72	7.52	1367.48
18-Jan-2006	1541	DR	M-SCOPE	9.84	0.00	1.72	8.12	1366.88
21-Apr-2006	930	DR	M-SCOPE	10.34	0.00	1.72	8.62	1366.38
20-Jul-2006	1402	DR	M-SCOPE	10.90	0.00	1.72	9.18	1365.82
23-Oct-2006	1327	DR	M-SCOPE	11.90	0.00	1.72	10.18	1364.82
23-Jan-2007	1315	DR	M-SCOPE	12.11	0.00	1.72	10.39	1364.61
09-Apr-2007	1134	DR	M-SCOPE	11.37	0.00	1.72	9.65	1365.35
20-Jul-2007	922	DR	M-SCOPE	8.52	0.00	1.72	6.80	1368.20
25-Oct-2007	1549	DR	M-SCOPE	10.64	0.00	1.72	8.92	1366.08
10-Jan-2008	1447	DR	M-SCOPE	10.91	0.00	1.72	9.19	1365.81
03-Apr-2008	1246	DR	M-SCOPE	10.63	0.00	1.72	8.91	1366.09
21-Jul-2008	1034	DR	M-SCOPE	9.71	0.00	1.72	7.99	1367.01
21-Oct-2008	916	DR	M-SCOPE	9.19	0.00	1.72	7.47	1367.53
20-Jan-2009	1030	DR	M-SCOPE	9.31	0.00	1.72	7.59	1367.41
10-Apr-2009	853	DR	M-SCOPE	8.97	0.00	1.72	7.25	1367.75
21-Jul-2009	1328	DR	M-SCOPE	8.98	0.00	1.72	7.26	1367.74
21-Oct-2009	902	DR	M-SCOPE	9.33	0.00	1.72	7.61	1367.39
15-Jan-2010	1045	DR	M-SCOPE	9.46	0.00	1.72	7.74	1367.26
16-Apr-2010	1044	DR	M-SCOPE	9.47	0.00	1.72	7.75	1367.25
15-Jul-2010	1406	DR	M-SCOPE	8.21	0.00	1.72	6.49	1368.51
19-Oct-2010	1206	DR	M-SCOPE	10.11	0.00	1.72	8.39	1366.61
21-Jan-2011	928	DR	M-SCOPE	10.50	0.00	1.72	8.78	1366.22
08-Apr-2011	955	DR	M-SCOPE	10.69	0.00	1.72	8.97	1366.03
22-Jul-2011	1716	DR	M-SCOPE	12.03	0.00	1.72	10.31	1364.69
19-Oct-2011	1455	DR	M-SCOPE	13.45	0.00	1.72	11.73	1363.27
16-Jan-2012	1143	DR	M-SCOPE	12.98	0.00	1.72	11.26	1363.74
02-Mar-2012	1302	DR	M-SCOPE	12.18	0.00	1.72	10.46	1364.54
26-Apr-2012	1510	DR	M-SCOPE	11.66	0.00	1.72	9.94	1365.06
31-Jul-2012	1128	DR	M-SCOPE	13.42	0.00	1.72	11.70	1363.30
18-Oct-2012	1257	DR	M-SCOPE	14.09	0.00	1.72	12.37	1362.63
22-Jan-2013	949	DR	M-SCOPE	14.11	0.00	1.72	12.39	1362.61
30-Apr-2013	1534	DR	M-SCOPE	14.01	0.00	1.72	12.29	1362.71
25-Jul-2013	1153	DR	M-SCOPE	14.03	0.00	1.72	12.31	1362.69
11-Oct-2013	1349	DR	M-SCOPE	12.18	0.00	1.72	10.46	1364.54
03-Jan-2014	1211	DR	M-SCOPE	11.97	0.00	1.72	10.25	1364.75
25-Apr-2014	1004	DR	M-SCOPE	12.47	0.00	1.72	10.75	1364.25
15-Jul-2014	947	DR	M-SCOPE	12.28	0.00	1.72	10.56	1364.44
28-Oct-2014	1208	DR	M-SCOPE	13.34	0.00	1.72	11.62	1363.38
08-Jan-2015	1254	DR	M-SCOPE	13.17	0.00	1.72	11.45	1363.55
21-Apr-2015	1125	DR	M-SCOPE	13.27	0.00	1.72	11.55	1363.45
04-Aug-2015	1212	DR	M-SCOPE	10.38	0.00	1.72	8.66	1366.34
29-Oct-2015	1500	DR	M-SCOPE	10.73	0.00	1.72	9.01	1365.99
04-Jan-2016	1020	DR	M-SCOPE	9.98	0.00	1.72	8.26	1366.74
19-Apr-2016	1110	DR	M-SCOPE	10.16	0.00	1.72	8.44	1366.56
26-Jul-2016	1545	DR	M-SCOPE	8.78	0.00	1.72	7.06	1367.94
19-Oct-2016	1208	DR	M-SCOPE	7.57	0.00	1.72	5.85	1369.15

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WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1440	TB	M-SCOPE	12.23		1.47	10.76	1364.14
01-May-2002	1145	TB	M-SCOPE	12.34		1.47	10.87	1364.03
25-Jul-2002	1105	TB	M-SCOPE	22.52		1.47	21.05	1353.85
11-Oct-2002	1600	CM	M-SCOPE	12.80		1.47	11.33	1363.57
31-Oct-2002	1400	TDB	M-SCOPE	12.23		1.47	10.76	1364.14
27-Jan-2003	1146	TB	M-SCOPE	12.03	0.00	1.47	10.56	1364.34
29-Apr-2003	1301	TB	M-SCOPE	11.26	0.00	1.47	9.79	1365.11
24-Jul-2003	1356	TB	M-SCOPE	17.85	0.00	1.47	16.38	1358.52
29-Oct-2003	1422	TB	M-SCOPE	11.96	0.00	1.47	10.49	1364.41
23-Jan-2004	1514	TB	M-SCOPE	12.20	0.00	1.47	10.73	1364.17
20-Apr-2004	1351	TB	M-SCOPE	11.21	0.00	1.47	9.74	1365.16
26-Jul-2004	1305	TB	M-SCOPE	12.09	0.00	1.47	10.62	1364.28
27-Oct-2004	1509	TB	M-SCOPE	11.44	0.00	1.47	9.97	1364.93
21-Jan-2005	1310	TB	M-SCOPE	11.36	0.00	1.47	9.89	1365.01
06-Apr-2005	1310	TB	M-SCOPE	10.85	0.00	1.47	9.38	1365.52
20-Jul-2005	1257	TB	M-SCOPE	11.10	0.00	1.47	9.63	1365.27
21-Oct-2005	1003	DR	M-SCOPE	10.40	0.00	1.47	8.93	1365.97
18-Jan-2006	1541	DR	M-SCOPE	10.81	0.00	1.47	9.34	1365.56
21-Apr-2006	930	DR	M-SCOPE	12.24	0.00	1.47	10.77	1364.13
20-Jul-2006	1403	DR	M-SCOPE	20.76	0.00	1.47	19.29	1355.61
23-Oct-2006	1327	DR	M-SCOPE	12.93	0.00	1.47	11.46	1363.44
23-Jan-2007	1315	DR	M-SCOPE	13.09	0.00	1.47	11.62	1363.28
09-Apr-2007	1133	DR	M-SCOPE	12.55	0.00	1.47	11.08	1363.82
20-Jul-2007	926	DR	M-SCOPE	16.40	0.00	1.47	14.93	1359.97
25-Oct-2007	1548	DR	M-SCOPE	11.80	0.00	1.47	10.33	1364.57
10-Jan-2008	1448	DR	M-SCOPE	11.97	0.00	1.47	10.50	1364.40
03-Apr-2008	1246	DR	M-SCOPE	11.86	0.00	1.47	10.39	1364.51
21-Jul-2008	1034	DR	M-SCOPE	19.71	0.00	1.47	18.24	1356.66
21-Oct-2008	916	DR	M-SCOPE	10.31	0.00	1.47	8.84	1366.06
20-Jan-2009	1030	DR	M-SCOPE	10.45	0.00	1.47	8.98	1365.92
10-Apr-2009	854	DR	M-SCOPE	10.13	0.00	1.47	8.66	1366.24
21-Jul-2009	1323	DR	M-SCOPE	11.66	0.00	1.47	10.19	1364.71
21-Oct-2009	902	DR	M-SCOPE	10.27	0.00	1.47	8.80	1366.10
15-Jan-2010	1045	DR	M-SCOPE	10.40	0.00	1.47	8.93	1365.97
16-Apr-2010	1044	DR	M-SCOPE	11.70	0.00	1.47	10.23	1364.67
15-Jul-2010	1405	DR	M-SCOPE	9.80	0.00	1.47	8.33	1366.57
19-Oct-2010	1205	DR	M-SCOPE	11.07	0.00	1.47	9.60	1365.30
21-Jan-2011	927	DR	M-SCOPE	11.38	0.00	1.47	9.91	1364.99
08-Apr-2011	956	DR	M-SCOPE	12.11	0.00	1.47	10.64	1364.26
22-Jul-2011	1716	DR	M-SCOPE	23.68	0.00	1.47	22.21	1352.69
19-Oct-2011	1455	DR	M-SCOPE	14.54	0.00	1.47	13.07	1361.83
16-Jan-2012	1144	DR	M-SCOPE	14.08	0.00	1.47	12.61	1362.29
02-Mar-2012	1302	DR	M-SCOPE	13.45	0.00	1.47	11.98	1362.92
26-Apr-2012	1510	DR	M-SCOPE	13.21	0.00	1.47	11.74	1363.16
31-Jul-2012	1128	DR	M-SCOPE	20.19	0.00	1.47	18.72	1356.18
18-Oct-2012	1257	DR	M-SCOPE	15.30	0.00	1.47	13.83	1361.07
22-Jan-2013	949	DR	M-SCOPE	15.26	0.00	1.47	13.79	1361.11
30-Apr-2013	1535	DR	M-SCOPE	15.18	0.00	1.47	13.71	1361.19
25-Jul-2013	1153	DR	M-SCOPE	16.98	0.00	1.47	15.51	1359.39
11-Oct-2013	1350	DR	M-SCOPE	14.44	0.00	1.47	12.97	1361.93
03-Jan-2014	1211	DR	M-SCOPE	13.19	0.00	1.47	11.72	1363.18
25-Apr-2014	1004	DR	M-SCOPE	20.40	0.00	1.47	18.93	1355.97
15-Jul-2014	947	DR	M-SCOPE	16.91	0.00	1.47	15.44	1359.46
28-Oct-2014	1208	DR	M-SCOPE	15.13	0.00	1.47	13.66	1361.24
08-Jan-2015	1254	DR	M-SCOPE	14.04	0.00	1.47	12.57	1362.33
21-Apr-2015	1125	DR	M-SCOPE	14.26	0.00	1.47	12.79	1362.11
04-Aug-2015	1212	DR	M-SCOPE	12.17	0.00	1.47	10.70	1364.20
29-Oct-2015	1500	DR	M-SCOPE	12.23	0.00	1.47	10.76	1364.14
04-Jan-2016	1019	DR	M-SCOPE	10.87	0.00	1.47	9.40	1365.50
19-Apr-2016	1110	DR	M-SCOPE	11.25	0.00	1.47	9.78	1365.12
26-Jul-2016	1545	DR	M-SCOPE	17.85	0.00	1.47	16.38	1358.52
19-Oct-2016	1209	DR	M-SCOPE	10.03	0.00	1.47	8.56	1366.34

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
11-Mar-2002	1535	TB	M-SCOPE	16.11		1.43	14.68	1355.22
12-Apr-2002	1110	TB	M-SCOPE	16.28		1.43	14.85	1355.05
25-Jul-2002	900	TB	M-SCOPE	17.38		1.43	15.95	1353.95
11-Oct-2002	1605	CM	M-SCOPE	18.08		1.43	16.65	1353.25
31-Oct-2002	1349	TDB	M-SCOPE	17.62		1.43	16.19	1353.71
27-Jan-2003	1132	TB	M-SCOPE	16.32	0.00	1.43	14.89	1355.01
29-Apr-2003	1310	TB	M-SCOPE	15.47	0.00	1.43	14.04	1355.86
24-Jul-2003	1341	TB	M-SCOPE	16.16	0.00	1.43	14.73	1355.17
29-Oct-2003	1411	TB	M-SCOPE	16.39	0.00	1.43	14.96	1354.94
23-Jan-2004	1522	TB	M-SCOPE	16.04	0.00	1.43	14.61	1355.29
20-Apr-2004	1403	TB	M-SCOPE	15.08	0.00	1.43	13.65	1356.25
26-Jul-2004	1255	TB	M-SCOPE	14.37	0.00	1.43	12.94	1356.96
27-Oct-2004	1456	TB	M-SCOPE	14.89	0.00	1.43	13.46	1356.44
21-Jan-2005	1321	TB	M-SCOPE	15.13	0.00	1.43	13.70	1356.20
06-Apr-2005	1318	TB	M-SCOPE	14.69	0.00	1.43	13.26	1356.64
20-Jul-2005	1309	TB	M-SCOPE	13.15	0.00	1.43	11.72	1358.18
21-Oct-2005	951	DR	M-SCOPE	14.13	0.00	1.43	12.70	1357.20
18-Jan-2006	1530	DR	M-SCOPE	14.63	0.00	1.43	13.20	1356.70
21-Apr-2006	937	DR	M-SCOPE	15.29	0.00	1.43	13.86	1356.04
20-Jul-2006	1410	DR	M-SCOPE	16.13	0.00	1.43	14.70	1355.20
23-Oct-2006	1337	DR	M-SCOPE	17.42	0.00	1.43	15.99	1353.91
23-Jan-2007	1308	DR	M-SCOPE	17.51	0.00	1.43	16.08	1353.82
09-Apr-2007	1141	DR	M-SCOPE	17.35	0.00	1.43	15.92	1353.98
20-Jul-2007	935	DR	M-SCOPE	15.16	0.00	1.43	13.73	1356.17
25-Oct-2007	1535	DR	M-SCOPE	15.99	0.00	1.43	14.56	1355.34
10-Jan-2008	1457	DR	M-SCOPE	16.08	0.00	1.43	14.65	1355.25
03-Apr-2008	1254	DR	M-SCOPE	16.03	0.00	1.43	14.60	1355.30
21-Jul-2008	1045	DR	M-SCOPE	14.93	0.00	1.43	13.50	1356.40
21-Oct-2008	907	DR	M-SCOPE	14.25	0.00	1.43	12.82	1357.08
20-Jan-2009	958	DR	M-SCOPE	13.96	0.00	1.43	12.53	1357.37
10-Apr-2009	839	DR	M-SCOPE	13.84	0.00	1.43	12.41	1357.49
21-Jul-2009	1335	DR	M-SCOPE	13.13	0.00	1.43	11.70	1358.20
21-Oct-2009	910	DR	M-SCOPE	13.53	0.00	1.43	12.10	1357.80
15-Jan-2010	1031	DR	M-SCOPE	13.81	0.00	1.43	12.38	1357.52
16-Apr-2010	1034	DR	M-SCOPE	14.08	0.00	1.43	12.65	1357.25
15-Jul-2010	1415	DR	M-SCOPE	12.68	0.00	1.43	11.25	1358.65
19-Oct-2010	1220	DR	M-SCOPE	13.98	0.00	1.43	12.55	1357.35
21-Jan-2011	914	DR	M-SCOPE	14.79	0.00	1.43	13.36	1356.54
08-Apr-2011	945	DR	M-SCOPE	15.29	0.00	1.43	13.86	1356.04
22-Jul-2011	1723	DR	M-SCOPE	17.10	0.00	1.43	15.67	1354.23
19-Oct-2011	1443	DR	M-SCOPE	18.87	0.00	1.43	17.44	1352.46
16-Jan-2012	1036	DR	M-SCOPE	18.80	0.00	1.43	17.37	1352.53
02-Mar-2012	1253	DR	M-SCOPE	18.47	0.00	1.43	17.04	1352.86
26-Apr-2012	1458	DR	M-SCOPE	17.93	0.00	1.43	16.50	1353.40
31-Jul-2012	1122	DR	M-SCOPE	19.04	0.00	1.43	17.61	1352.29
18-Oct-2012	1246	DR	M-SCOPE	19.81	0.00	1.43	18.38	1351.52
22-Jan-2013	938	DR	M-SCOPE	19.77	0.00	1.43	18.34	1351.56
30-Apr-2013	1525	DR	M-SCOPE	19.71	0.00	1.43	18.28	1351.62
25-Jul-2013	1141	DR	M-SCOPE	20.03	0.00	1.43	18.60	1351.30
11-Oct-2013	1356	DR	M-SCOPE	18.09	0.00	1.43	16.66	1353.24
03-Jan-2014	1221	DR	M-SCOPE	17.62	0.00	1.43	16.19	1353.71
25-Apr-2014	910	DR	M-SCOPE	17.84	0.00	1.43	16.41	1353.49
15-Jul-2014	935	DR	M-SCOPE	17.57	0.00	1.43	16.14	1353.76
28-Oct-2014	1216	DR	M-SCOPE	18.18	0.00	1.43	16.75	1353.15
08-Jan-2015	1242	DR	M-SCOPE	18.07	0.00	1.43	16.64	1353.26
21-Apr-2015	1114	DR	M-SCOPE	18.05	0.00	1.43	16.62	1353.28
04-Aug-2015	1220	DR	M-SCOPE	14.69	0.00	1.43	13.26	1356.64
29-Oct-2015	1448	DR	M-SCOPE	14.64	0.00	1.43	13.21	1356.69
04-Jan-2016	1026	DR	M-SCOPE	14.39	0.00	1.43	12.96	1356.94
19-Apr-2016	1057	DR	M-SCOPE	14.53	0.00	1.43	13.10	1356.80
26-Jul-2016	1557	DR	M-SCOPE	12.40	0.00	1.43	10.97	1358.93
19-Oct-2016	1157	DR	M-SCOPE	11.47	0.00	1.43	10.04	1359.86

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WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		Recorder	Type Instrument					
11-Mar-2002	1540	TB	M-SCOPE	16.27		2.15	14.12	1355.78
12-Apr-2002	1305	TB	M-SCOPE	16.40		2.15	14.25	1355.65
25-Jul-2002	1130	TB	M-SCOPE	17.67		2.15	15.52	1354.38
11-Oct-2002	1610	CM	M-SCOPE	18.18		2.15	16.03	1353.87
31-Oct-2002	1351	TDB	M-SCOPE	17.70		1.60	16.10	1353.80
27-Jan-2003	1133	TB	M-SCOPE	16.47	0.00	1.60	14.87	1355.03
29-Apr-2003	1311	TB	M-SCOPE	15.60	0.00	1.60	14.00	1355.90
24-Jul-2003	1343	TB	M-SCOPE	16.39	0.00	1.60	14.79	1355.11
29-Oct-2003	1411	TB	M-SCOPE	16.52	0.00	1.60	14.92	1354.98
23-Jan-2004	1523	TB	M-SCOPE	16.18	0.00	1.60	14.58	1355.32
20-Apr-2004	1404	TB	M-SCOPE	15.23	0.00	1.60	13.63	1356.27
26-Jul-2004	1255	TB	M-SCOPE	14.53	0.00	1.60	12.93	1356.97
27-Oct-2004	1456	TB	M-SCOPE	15.06	0.00	1.60	13.46	1356.44
21-Jan-2005	1321	TB	M-SCOPE	15.29	0.00	1.60	13.69	1356.21
06-Apr-2005	1319	TB	M-SCOPE	14.84	0.00	1.60	13.24	1356.66
20-Jul-2005	1309	TB	M-SCOPE	13.37	0.00	1.60	11.77	1358.13
21-Oct-2005	951	DR	M-SCOPE	14.27	0.00	1.60	12.67	1357.23
18-Jan-2006	1531	DR	M-SCOPE	14.79	0.00	1.60	13.19	1356.71
21-Apr-2006	938	DR	M-SCOPE	15.53	0.00	1.60	13.93	1355.97
20-Jul-2006	1410	DR	M-SCOPE	16.45	0.00	1.60	14.85	1355.05
23-Oct-2006	1337	DR	M-SCOPE	17.59	0.00	1.60	15.99	1353.91
23-Jan-2007	1308	DR	M-SCOPE	17.68	0.00	1.60	16.08	1353.82
09-Apr-2007	1141	DR	M-SCOPE	17.50	0.00	1.60	15.90	1354.00
20-Jul-2007	934	DR	M-SCOPE	15.00	0.00	1.60	13.40	1356.50
25-Oct-2007	1535	DR	M-SCOPE	16.15	0.00	1.60	14.55	1355.35
10-Jan-2008	1456	DR	M-SCOPE	16.25	0.00	1.60	14.65	1355.25
03-Apr-2008	1254	DR	M-SCOPE	16.19	0.00	1.60	14.59	1355.31
21-Jul-2008	1045	DR	M-SCOPE	15.16	0.00	1.60	13.56	1356.34
21-Oct-2008	908	DR	M-SCOPE	14.38	0.00	1.60	12.78	1357.12
20-Jan-2009	958	DR	M-SCOPE	14.14	0.00	1.60	12.54	1357.36
10-Apr-2009	839	DR	M-SCOPE	14.03	0.00	1.60	12.43	1357.47
21-Jul-2009	1336	DR	M-SCOPE	13.34	0.00	1.60	11.74	1358.16
21-Oct-2009	910	DR	M-SCOPE	13.68	0.00	1.60	12.08	1357.82
15-Jan-2010	1031	DR	M-SCOPE	13.95	0.00	1.60	12.35	1357.55
16-Apr-2010	1034	DR	M-SCOPE	14.28	0.00	1.60	12.68	1357.22
15-Jul-2010	1415	DR	M-SCOPE	12.77	0.00	1.60	11.17	1358.73
19-Oct-2010	1220	DR	M-SCOPE	14.15	0.00	1.60	12.55	1357.35
21-Jan-2011	915	DR	M-SCOPE	14.96	0.00	1.60	13.36	1356.54
08-Apr-2011	946	DR	M-SCOPE	15.48	0.00	1.60	13.88	1356.02
22-Jul-2011	1723	DR	M-SCOPE	17.42	0.00	1.60	15.82	1354.08
19-Oct-2011	1443	DR	M-SCOPE	19.04	0.00	1.60	17.44	1352.46
16-Jan-2012	1036	DR	M-SCOPE	18.95	0.00	1.60	17.35	1352.55
02-Mar-2012	1253	DR	M-SCOPE	18.63	0.00	1.60	17.03	1352.87
26-Apr-2012	1458	DR	M-SCOPE	18.10	0.00	1.60	16.50	1353.40
31-Jul-2012	1122	DR	M-SCOPE	19.30	0.00	1.60	17.70	1352.20
18-Oct-2012	1246	DR	M-SCOPE	19.96	0.00	1.60	18.36	1351.54
22-Jan-2013	938	DR	M-SCOPE	19.94	0.00	1.60	18.34	1351.56
30-Apr-2013	1525	DR	M-SCOPE	19.91	0.00	1.60	18.31	1351.59
25-Jul-2013	1141	DR	M-SCOPE	20.19	0.00	1.60	18.59	1351.31
11-Oct-2013	1357	DR	M-SCOPE	18.25	0.00	1.60	16.65	1353.25
03-Jan-2014	1221	DR	M-SCOPE	17.76	0.00	1.60	16.16	1353.74
25-Apr-2014	910	DR	M-SCOPE	17.99	0.00	1.60	16.39	1353.51
15-Jul-2014	936	DR	M-SCOPE	17.73	0.00	1.60	16.13	1353.77
28-Oct-2014	1216	DR	M-SCOPE	18.34	0.00	1.60	16.74	1353.16
08-Jan-2015	1242	DR	M-SCOPE	18.21	0.00	1.60	16.61	1353.29
21-Apr-2015	1115	DR	M-SCOPE	18.20	0.00	1.60	16.60	1353.30
04-Aug-2015	1221	DR	M-SCOPE	14.82	0.00	1.60	13.22	1356.68
29-Oct-2015	1449	DR	M-SCOPE	14.80	0.00	1.60	13.20	1356.70
04-Jan-2016	1027	DR	M-SCOPE	14.53	0.00	1.60	12.93	1356.97
19-Apr-2016	1057	DR	M-SCOPE	14.68	0.00	1.60	13.08	1356.82
26-Jul-2016	1557	DR	M-SCOPE	12.57	0.00	1.60	10.97	1358.93
19-Oct-2016	1157	DR	M-SCOPE	11.63	0.00	1.60	10.03	1359.87

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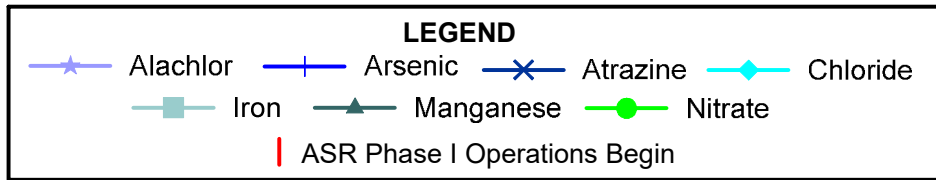
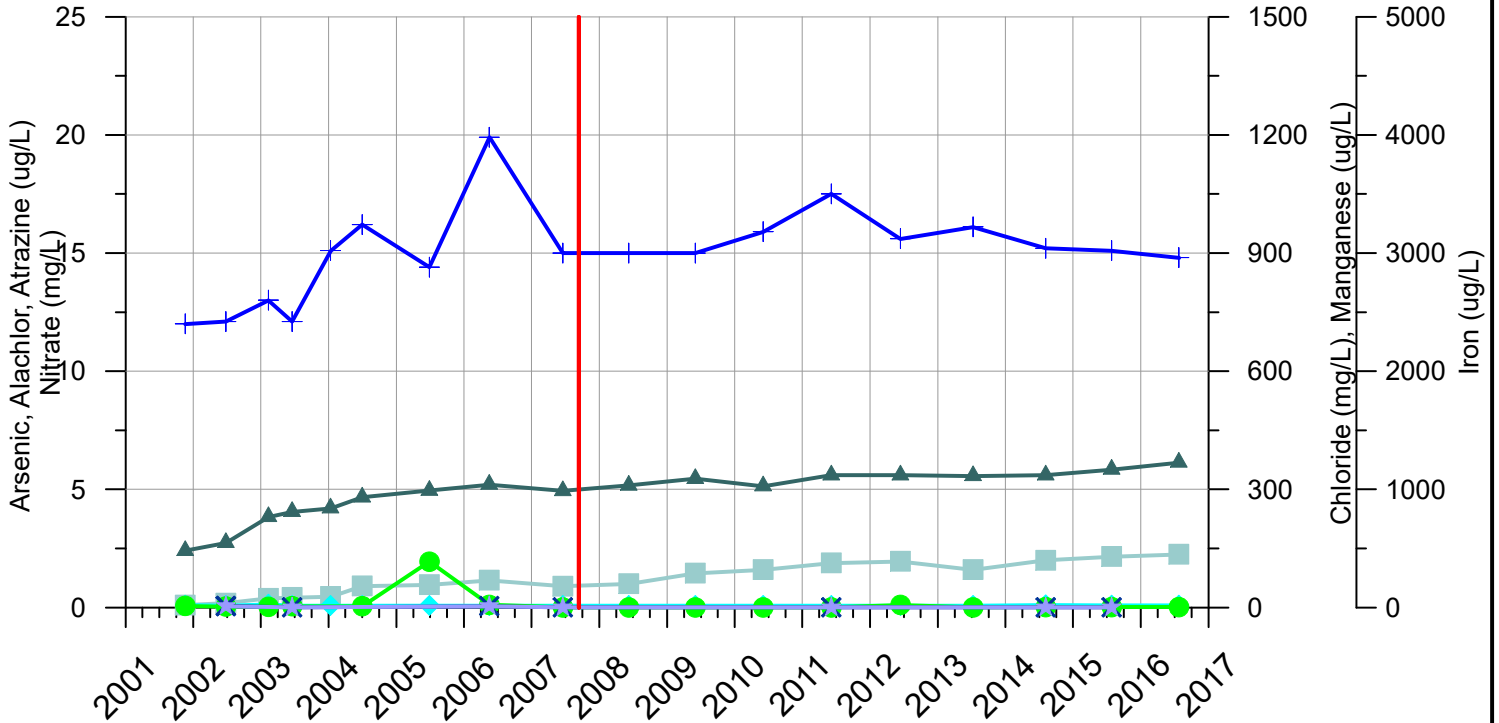
WATER Date	LEVEL Time (24hr)	DATA		Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
		TB	Type Instrument					
11-Mar-2002	1520	TB	M-SCOPE	17.17		1.40	15.77	1346.33
02-May-2002	1020	TB	M-SCOPE	17.31		1.40	15.91	1346.19
22-Jul-2002	935	TB	M-SCOPE	20.24		1.40	18.84	1343.26
11-Oct-2002	1615	CM	M-SCOPE	17.28		1.40	15.88	1346.22
31-Oct-2002	1339	TDB	M-SCOPE	15.56		1.40	14.16	1347.94
27-Jan-2003	1113	TB	M-SCOPE	16.99	0.00	1.40	15.59	1346.51
29-Apr-2003	1322	TB	M-SCOPE	13.78	0.00	1.40	12.38	1349.72
24-Jul-2003	1328	TB	M-SCOPE	19.87	0.00	1.40	18.47	1343.63
29-Oct-2003	1358	TB	M-SCOPE	14.47	0.00	1.40	13.07	1349.03
23-Jan-2004	1533	TB	M-SCOPE	16.28	0.00	1.40	14.88	1347.22
20-Apr-2004	1419	TB	M-SCOPE	15.09	0.00	1.40	13.69	1348.41
26-Jul-2004	1243	TB	M-SCOPE	13.72	0.00	1.40	12.32	1349.78
27-Oct-2004	1439	TB	M-SCOPE	16.07	0.00	1.40	14.67	1347.43
21-Jan-2005	1333	TB	M-SCOPE	15.67	0.00	1.40	14.27	1347.83
06-Apr-2005	1328	TB	M-SCOPE	14.51	0.00	1.40	13.11	1348.99
20-Jul-2005	1319	TB	M-SCOPE	15.80	0.00	1.40	14.40	1347.70
21-Oct-2005	939	DR	M-SCOPE	15.41	0.00	1.40	14.01	1348.09
18-Jan-2006	1517	DR	M-SCOPE	16.16	0.00	1.40	14.76	1347.34
21-Apr-2006	947	DR	M-SCOPE	17.00	0.00	1.40	15.60	1346.50
20-Jul-2006	1421	DR	M-SCOPE	19.52	0.00	1.40	18.12	1343.98
23-Oct-2006	1349	DR	M-SCOPE	18.79	0.00	1.40	17.39	1344.71
23-Jan-2007	1259	DR	M-SCOPE	18.62	0.00	1.40	17.22	1344.88
09-Apr-2007	1219	DR	M-SCOPE	17.88	0.00	1.40	16.48	1345.62
20-Jul-2007	944	DR	M-SCOPE	14.94	0.00	1.40	13.54	1348.56
25-Oct-2007	1517	DR	M-SCOPE	16.61	0.00	1.40	15.21	1346.89
10-Jan-2008	1508	DR	M-SCOPE	16.70	0.00	1.40	15.30	1346.80
03-Apr-2008	1304	DR	M-SCOPE	16.21	0.00	1.40	14.81	1347.29
21-Jul-2008	1106	DR	M-SCOPE	15.05	0.00	1.40	13.65	1348.45
21-Oct-2008	935	DR	M-SCOPE	13.22	0.00	1.40	11.82	1350.28
20-Jan-2009	948	DR	M-SCOPE	15.17	0.00	1.40	13.77	1348.33
10-Apr-2009	829	DR	M-SCOPE	14.06	0.00	1.40	12.66	1349.44
21-Jul-2009	1224	DR	M-SCOPE	14.55	0.00	1.40	13.15	1348.95
21-Oct-2009	922	DR	M-SCOPE	14.44	0.00	1.40	13.04	1349.06
15-Jan-2010	1021	DR	M-SCOPE	15.09	0.00	1.40	13.69	1348.41
16-Apr-2010	1023	DR	M-SCOPE	15.37	0.00	1.40	13.97	1348.13
15-Jul-2010	1237	DR	M-SCOPE	11.77	0.00	1.40	10.37	1351.73
19-Oct-2010	1233	DR	M-SCOPE	15.72	0.00	1.40	14.32	1347.78
21-Jan-2011	904	DR	M-SCOPE	16.44	0.00	1.40	15.04	1347.06
08-Apr-2011	924	DR	M-SCOPE	17.05	0.00	1.40	15.65	1346.45
22-Jul-2011	1733	DR	M-SCOPE	20.29	0.00	1.40	18.89	1343.21
19-Oct-2011	1429	DR	M-SCOPE	19.87	0.00	1.40	18.47	1343.63
16-Jan-2012	1025	DR	M-SCOPE	19.19	0.00	1.40	17.79	1344.31
02-Mar-2012	1245	DR	M-SCOPE	18.61	0.00	1.40	17.21	1344.89
26-Apr-2012	1449	DR	M-SCOPE	16.78	0.00	1.40	15.38	1346.72
31-Jul-2012	1113	DR	M-SCOPE	22.01	0.00	1.40	20.61	1341.49
18-Oct-2012	1234	DR	M-SCOPE	20.28	0.00	1.40	18.88	1343.22
22-Jan-2013	929	DR	M-SCOPE	20.03	0.00	1.40	18.63	1343.47
30-Apr-2013	1516	DR	M-SCOPE	19.78	0.00	1.40	18.38	1343.72
25-Jul-2013	1128	DR	M-SCOPE	20.29	0.00	1.40	18.89	1343.21
11-Oct-2013	1408	DR	M-SCOPE	17.34	0.00	1.40	15.94	1346.16
03-Jan-2014	1144	DR	M-SCOPE	17.49	0.00	1.40	16.09	1346.01
25-Apr-2014	902	DR	M-SCOPE	18.32	0.00	1.40	16.92	1345.18
15-Jul-2014	926	DR	M-SCOPE	18.75	0.00	1.40	17.35	1344.75
28-Oct-2014	1249	DR	M-SCOPE	18.48	0.00	1.40	17.08	1345.02
08-Jan-2015	1232	DR	M-SCOPE	18.25	0.00	1.40	16.85	1345.25
21-Apr-2015	1105	DR	M-SCOPE	17.74	0.00	1.40	16.34	1345.76
04-Aug-2015	1232	DR	M-SCOPE	15.08	0.00	1.40	13.68	1348.42
29-Oct-2015	1438	DR	M-SCOPE	15.84	0.00	1.40	14.44	1347.66
04-Jan-2016	1038	DR	M-SCOPE	14.47	0.00	1.40	13.07	1349.03
19-Apr-2016	1047	DR	M-SCOPE	16.03	0.00	1.40	14.63	1347.47
26-Jul-2016	1534	DR	M-SCOPE	14.22	0.00	1.40	12.82	1349.28
19-Oct-2016	1148	DR	M-SCOPE	11.82	0.00	1.40	10.42	1351.68

Index Well IW-38C

WATER Date	LEVEL Time (24hr)	DATA Recorder	Type Instrument	Hold (ft)	Cut (ft)	Measuring Point (ft)	Depth to Water (ft)	Water level Elevation (msl)
11-Mar-2002	1525	TB	M-SCOPE	17.16		1.18	15.98	1346.22
02-May-2002	1145	TB	M-SCOPE	17.30		1.18	16.12	1346.08
22-Jul-2002	1155	TB	M-SCOPE	20.22		1.18	19.04	1343.16
11-Oct-2002	1620	CM	M-SCOPE	17.26		1.18	16.08	1346.12
31-Oct-2002	1341	TDB	M-SCOPE	15.55		1.18	14.37	1347.83
27-Jan-2003	1114	TB	M-SCOPE	16.97	0.00	1.18	15.79	1346.41
29-Apr-2003	1323	TB	M-SCOPE	13.79	0.00	1.18	12.61	1349.59
24-Jul-2003	1328	TB	M-SCOPE	19.84	0.00	1.18	18.66	1343.54
29-Oct-2003	1359	TB	M-SCOPE	14.46	0.00	1.18	13.28	1348.92
23-Jan-2004	1534	TB	M-SCOPE	16.27	0.00	1.18	15.09	1347.11
20-Apr-2004	1419	TB	M-SCOPE	15.08	0.00	1.18	13.90	1348.30
26-Jul-2004	1244	TB	M-SCOPE	13.66	0.00	1.18	12.48	1349.72
27-Oct-2004	1439	TB	M-SCOPE	16.08	0.00	1.18	14.90	1347.30
21-Jan-2005	1333	TB	M-SCOPE	15.66	0.00	1.18	14.48	1347.72
06-Apr-2005	1328	TB	M-SCOPE	14.51	0.00	1.18	13.33	1348.87
20-Jul-2005	1320	TB	M-SCOPE	15.85	0.00	1.18	14.67	1347.53
21-Oct-2005	939	DR	M-SCOPE	15.43	0.00	1.18	14.25	1347.95
18-Jan-2006	1518	DR	M-SCOPE	16.18	0.00	1.18	15.00	1347.20
21-Apr-2006	947	DR	M-SCOPE	16.99	0.00	1.18	15.81	1346.39
20-Jul-2006	1421	DR	M-SCOPE	19.60	0.00	1.18	18.42	1343.78
23-Oct-2006	1349	DR	M-SCOPE	18.77	0.00	1.18	17.59	1344.61
23-Jan-2007	1259	DR	M-SCOPE	18.60	0.00	1.18	17.42	1344.78
09-Apr-2007	1219	DR	M-SCOPE	17.85	0.00	1.18	16.67	1345.53
20-Jul-2007	944	DR	M-SCOPE	14.91	0.00	1.18	13.73	1348.47
25-Oct-2007	1517	DR	M-SCOPE	16.61	0.00	1.18	15.43	1346.77
10-Jan-2008	1508	DR	M-SCOPE	16.68	0.00	1.18	15.50	1346.70
03-Apr-2008	1305	DR	M-SCOPE	16.21	0.00	1.18	15.03	1347.17
21-Jul-2008	1106	DR	M-SCOPE	15.05	0.00	1.18	13.87	1348.33
21-Oct-2008	934	DR	M-SCOPE	13.24	0.00	1.18	12.06	1350.14
20-Jan-2009	949	DR	M-SCOPE	15.17	0.00	1.18	13.99	1348.21
10-Apr-2009	828	DR	M-SCOPE	14.08	0.00	1.18	12.90	1349.30
21-Jul-2009	1223	DR	M-SCOPE	14.55	0.00	1.18	13.37	1348.83
21-Oct-2009	922	DR	M-SCOPE	14.44	0.00	1.18	13.26	1348.94
15-Jan-2010	1020	DR	M-SCOPE	15.10	0.00	1.18	13.92	1348.28
16-Apr-2010	1023	DR	M-SCOPE	15.37	0.00	1.18	14.19	1348.01
15-Jul-2010	1237	DR	M-SCOPE	11.77	0.00	1.18	10.59	1351.61
19-Oct-2010	1233	DR	M-SCOPE	15.74	0.00	1.18	14.56	1347.64
21-Jan-2011	903	DR	M-SCOPE	16.46	0.00	1.18	15.28	1346.92
08-Apr-2011	925	DR	M-SCOPE	17.04	0.00	1.18	15.86	1346.34
22-Jul-2011	1733	DR	M-SCOPE	20.26	0.00	1.18	19.08	1343.12
19-Oct-2011	1429	DR	M-SCOPE	19.89	0.00	1.18	18.71	1343.49
16-Jan-2012	1026	DR	M-SCOPE	19.18	0.00	1.18	18.00	1344.20
02-Mar-2012	1245	DR	M-SCOPE	18.55	0.00	1.18	17.37	1344.83
26-Apr-2012	1448	DR	M-SCOPE	16.79	0.00	1.18	15.61	1346.59
31-Jul-2012	1113	DR	M-SCOPE	22.08	0.00	1.18	20.90	1341.30
18-Oct-2012	1234	DR	M-SCOPE	20.28	0.00	1.18	19.10	1343.10
22-Jan-2013	928	DR	M-SCOPE	20.03	0.00	1.18	18.85	1343.35
30-Apr-2013	1517	DR	M-SCOPE	19.74	0.00	1.18	18.56	1343.64
25-Jul-2013	1128	DR	M-SCOPE	20.29	0.00	1.18	19.11	1343.09
11-Oct-2013	1408	DR	M-SCOPE	17.32	0.00	1.18	16.14	1346.06
03-Jan-2014	1145	DR	M-SCOPE	17.48	0.00	1.18	16.30	1345.90
25-Apr-2014	902	DR	M-SCOPE	18.21	0.00	1.18	17.03	1345.17
15-Jul-2014	926	DR	M-SCOPE	18.81	0.00	1.18	17.63	1344.57
28-Oct-2014	1249	DR	M-SCOPE	18.49	0.00	1.18	17.31	1344.89
08-Jan-2015	1232	DR	M-SCOPE	18.24	0.00	1.18	17.06	1345.14
21-Apr-2015	1105	DR	M-SCOPE	17.73	0.00	1.18	16.55	1345.65
04-Aug-2015	1231	DR	M-SCOPE	15.08	0.00	1.18	13.90	1348.30
29-Oct-2015	1436	DR	M-SCOPE	15.84	0.00	1.18	14.66	1347.54
04-Jan-2016	1038	DR	M-SCOPE	14.45	0.00	1.18	13.27	1348.93
19-Apr-2016	1047	DR	M-SCOPE	16.03	0.00	1.18	14.85	1347.35
26-Jul-2016	1534	DR	M-SCOPE	14.23	0.00	1.18	13.05	1349.15
19-Oct-2016	1148	DR	M-SCOPE	11.83	0.00	1.18	10.65	1351.55

**APPENDIX E –
KEY GROUNDWATER QUALITY PARAMETER DATA**

IW-01C



IW-02C

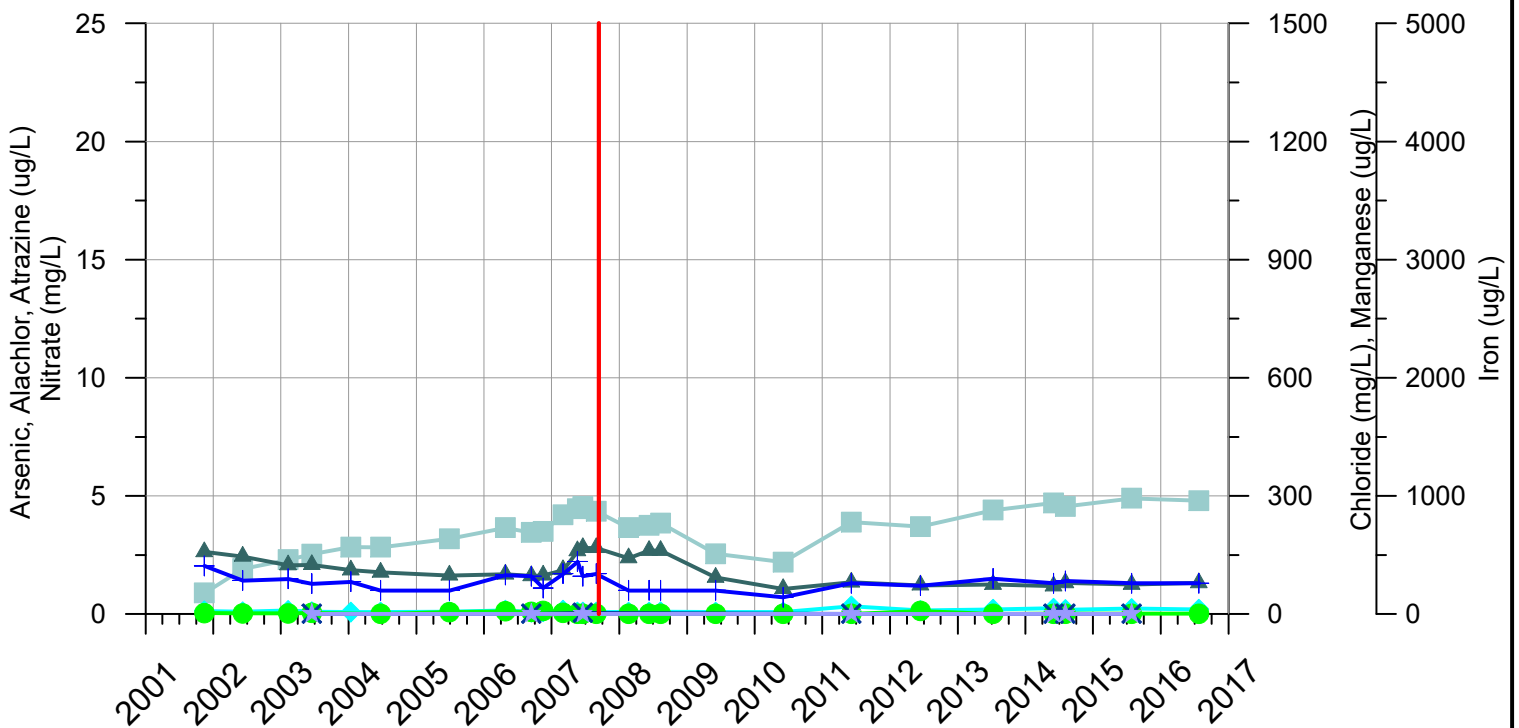
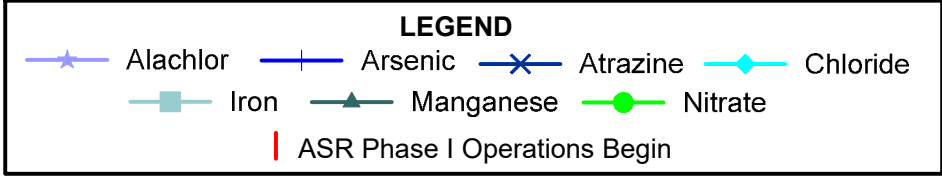
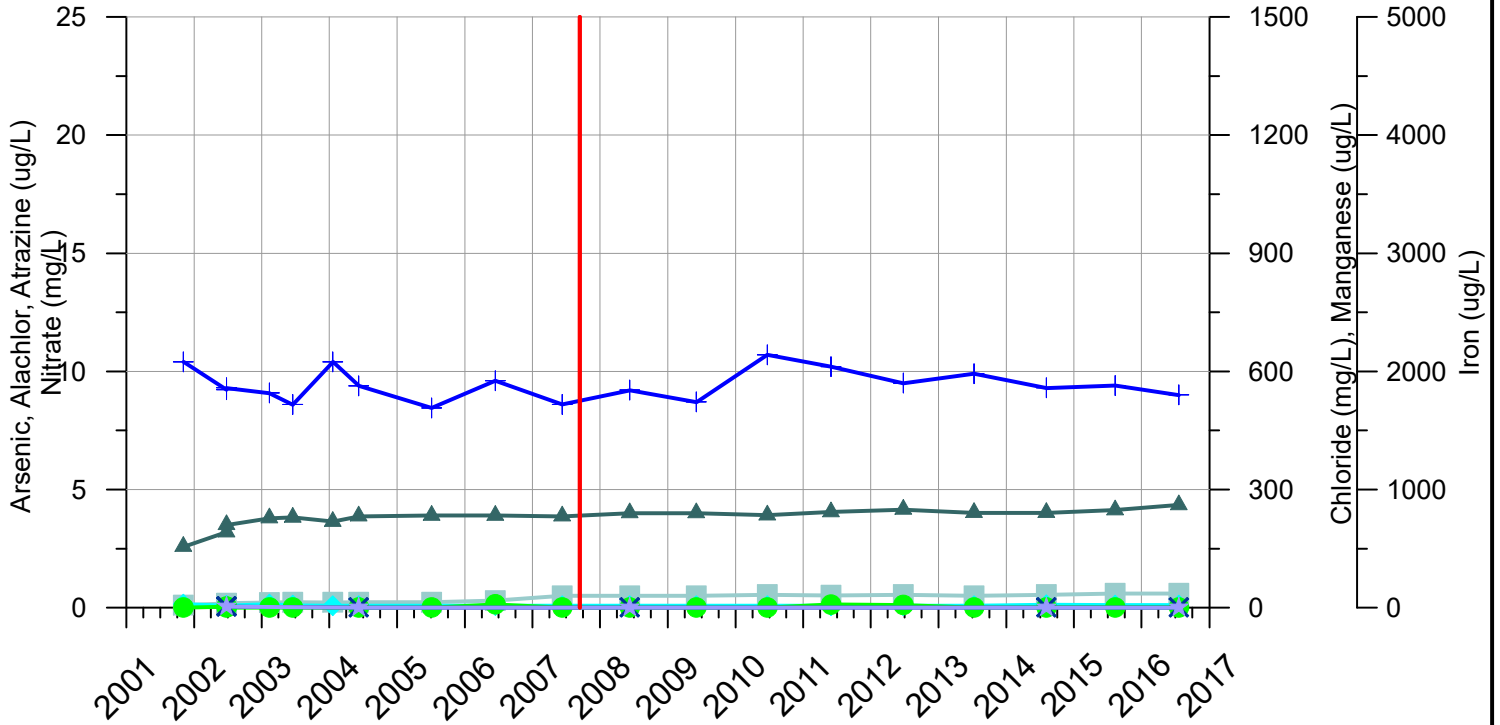


Figure E.1
INDEX WELL WATER QUALITY
IW-01C & IW-02C
2001 THROUGH 2016

IW-03C



IW-04C

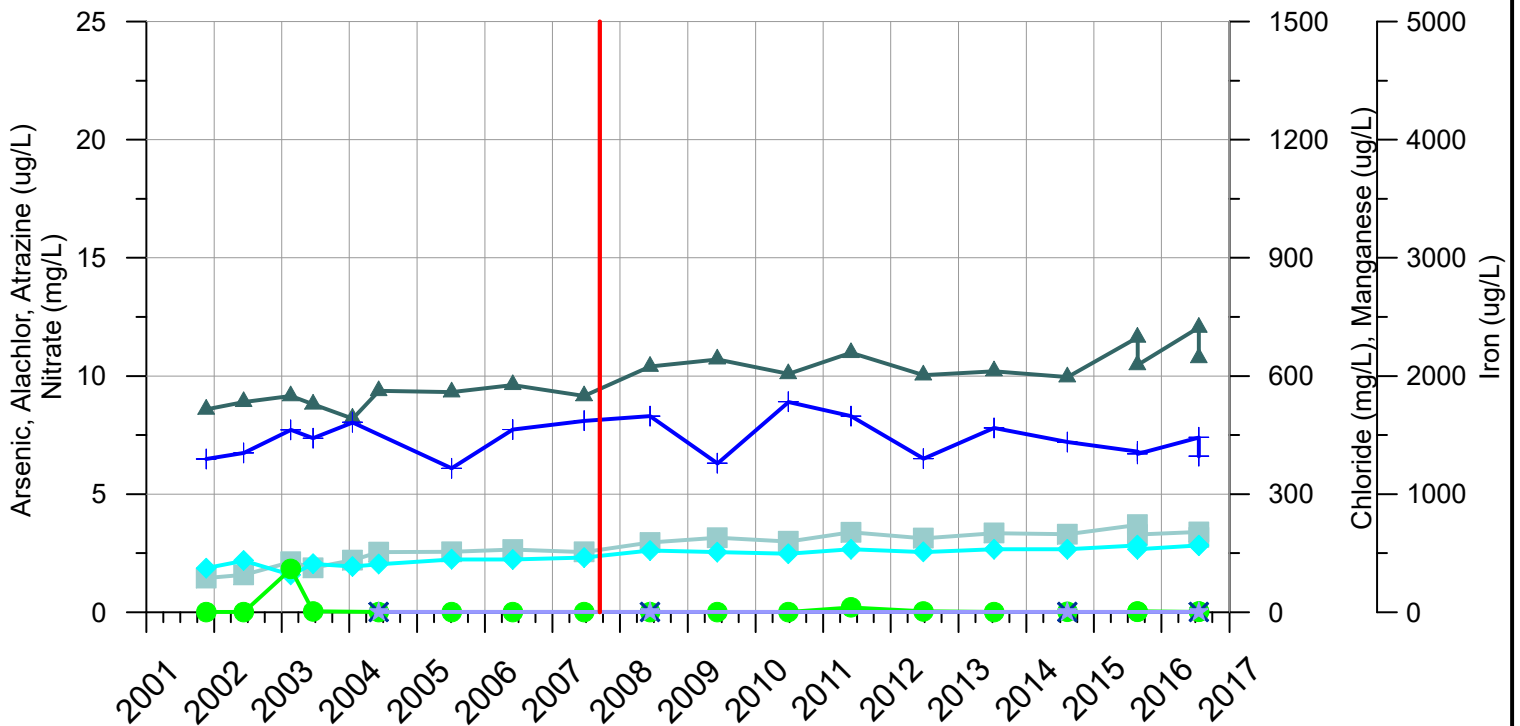
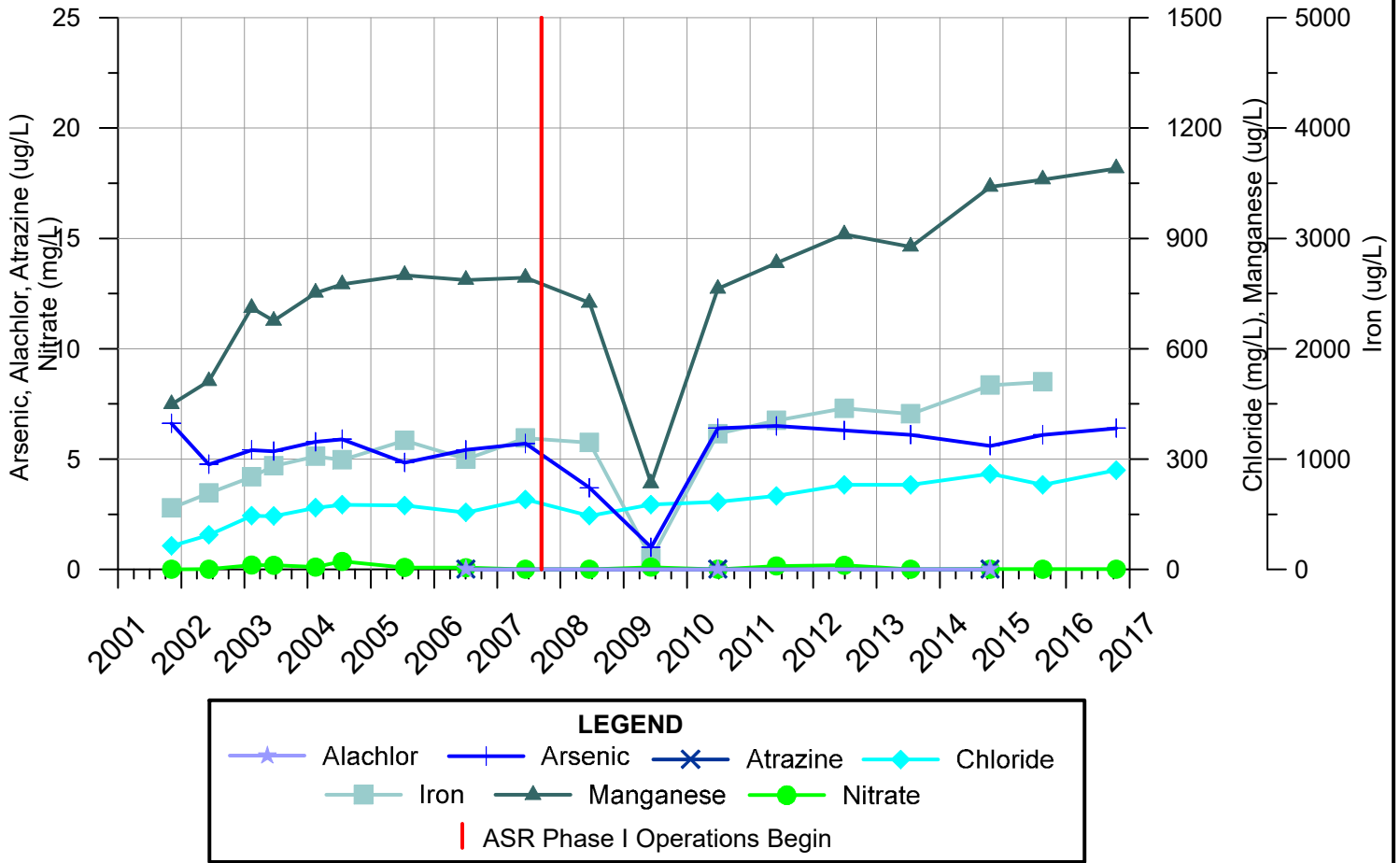


Figure E.2
INDEX WELL WATER QUALITY
IW-03C & IW-04C
2001 THROUGH 2016

IW-05C



IW-06C

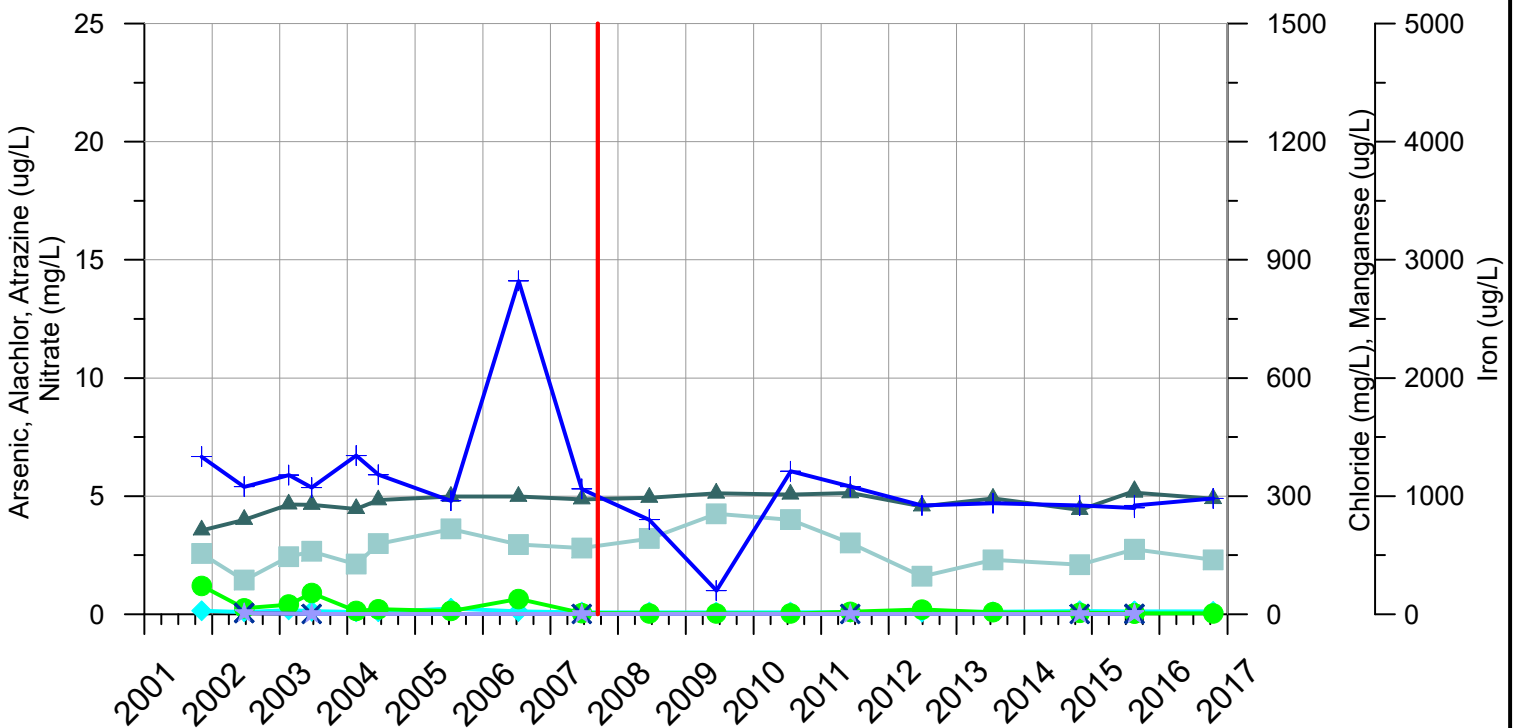
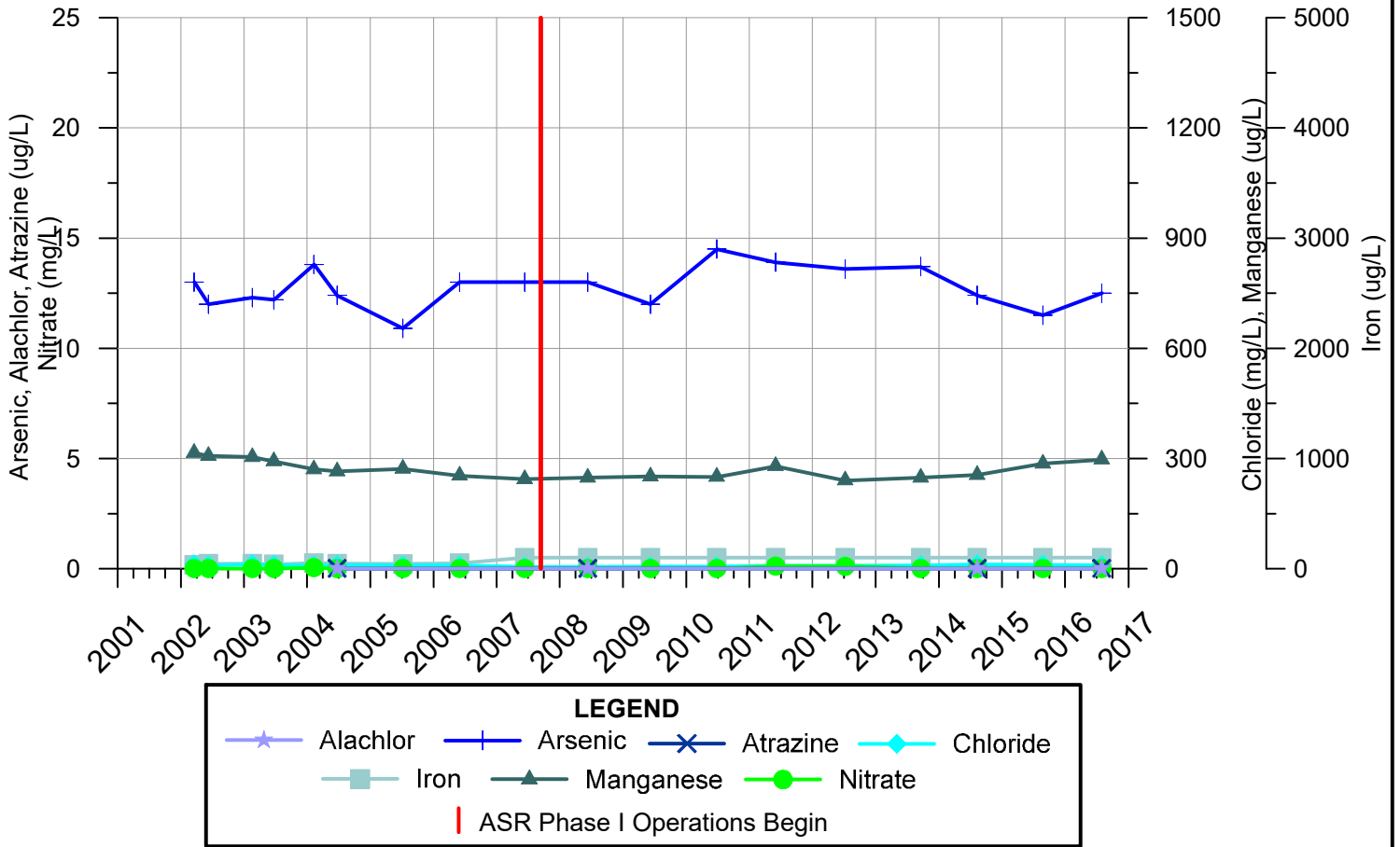


Figure E.3
INDEX WELL WATER QUALITY
IW-05C & IW-06C
2001 THROUGH 2016

IW-07C



IW-08C

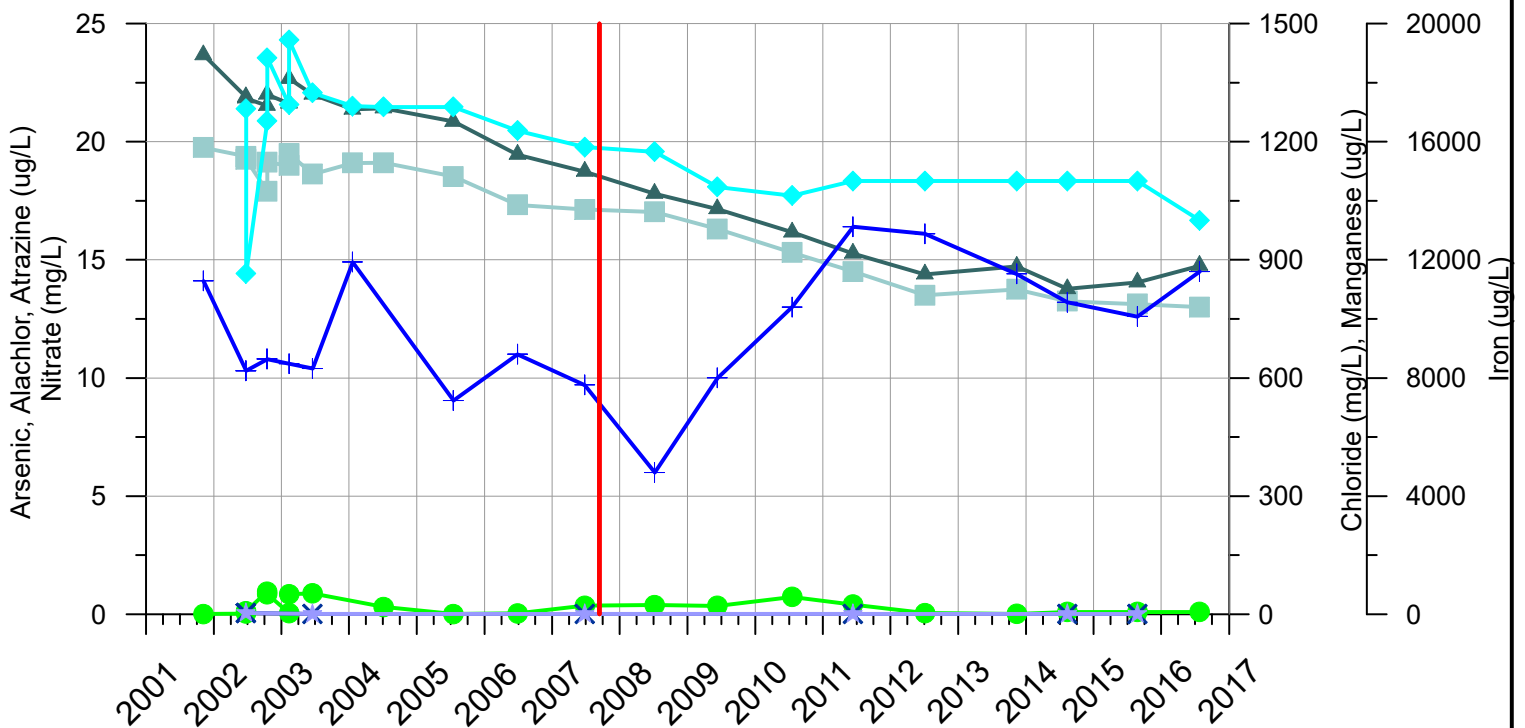
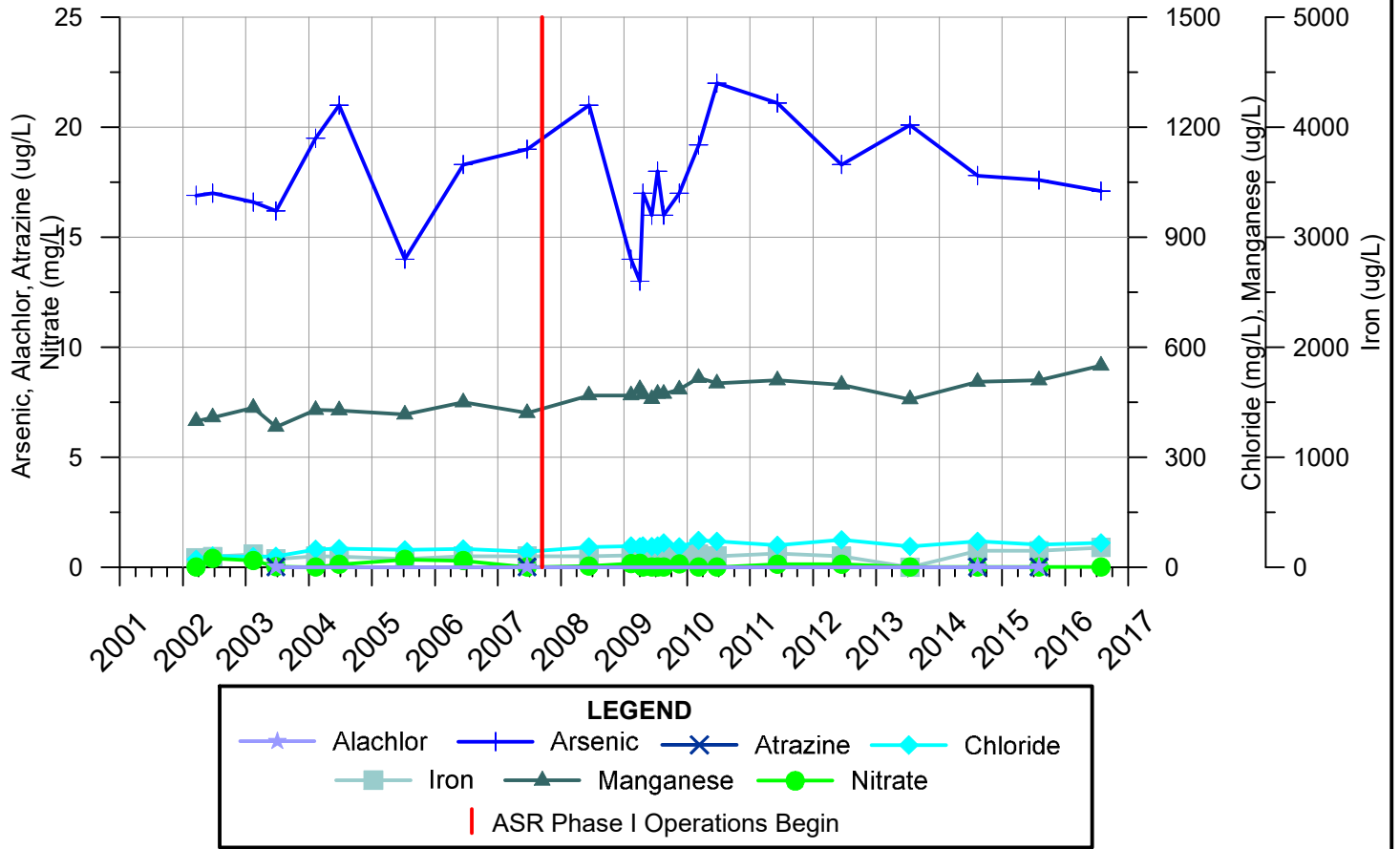


Figure E.4
INDEX WELL WATER QUALITY
IW-07C & IW-08C
2001 THROUGH 2016

IW-09C



IW-10C

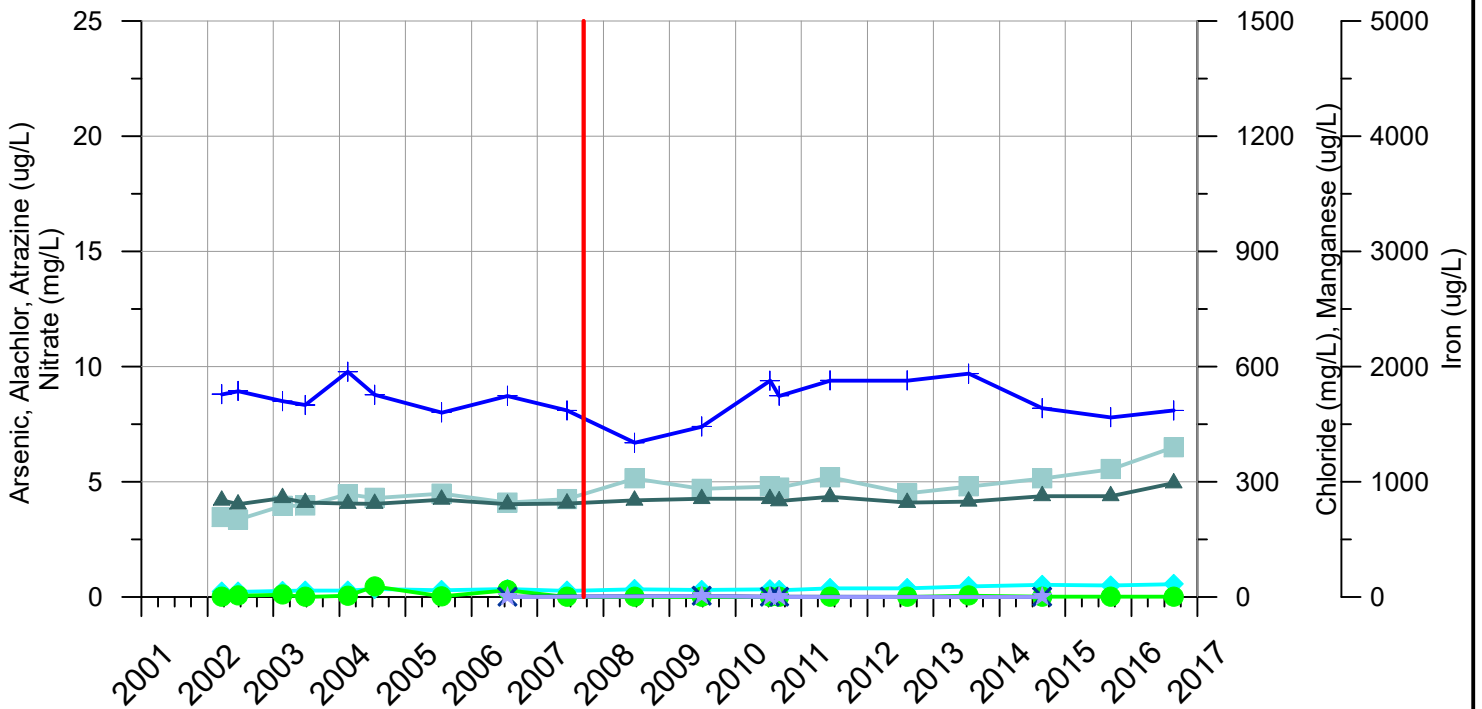
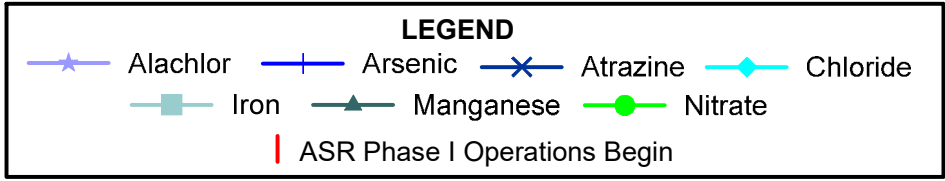
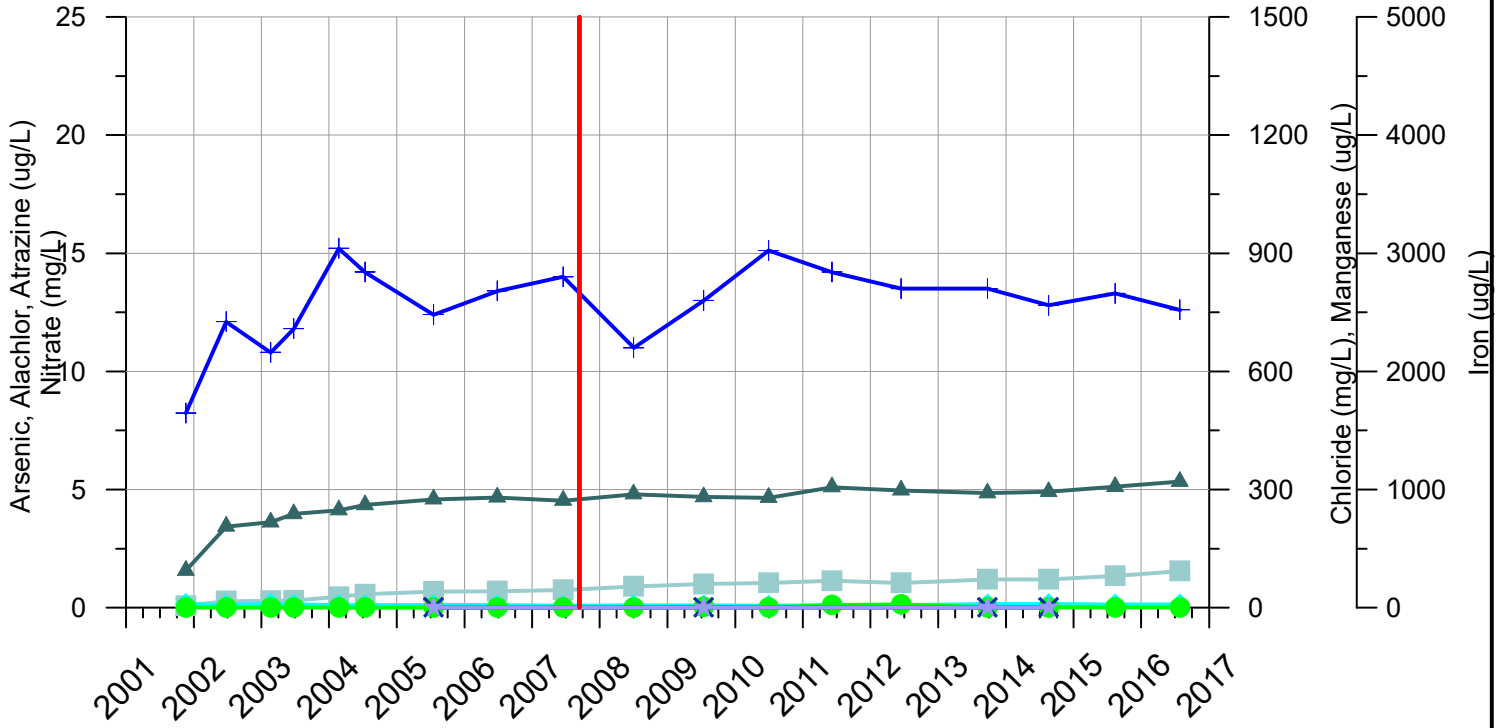


Figure E.5
INDEX WELL WATER QUALITY
IW-09C & IW-10C
2001 THROUGH 2016

IW-11C



IW-12C

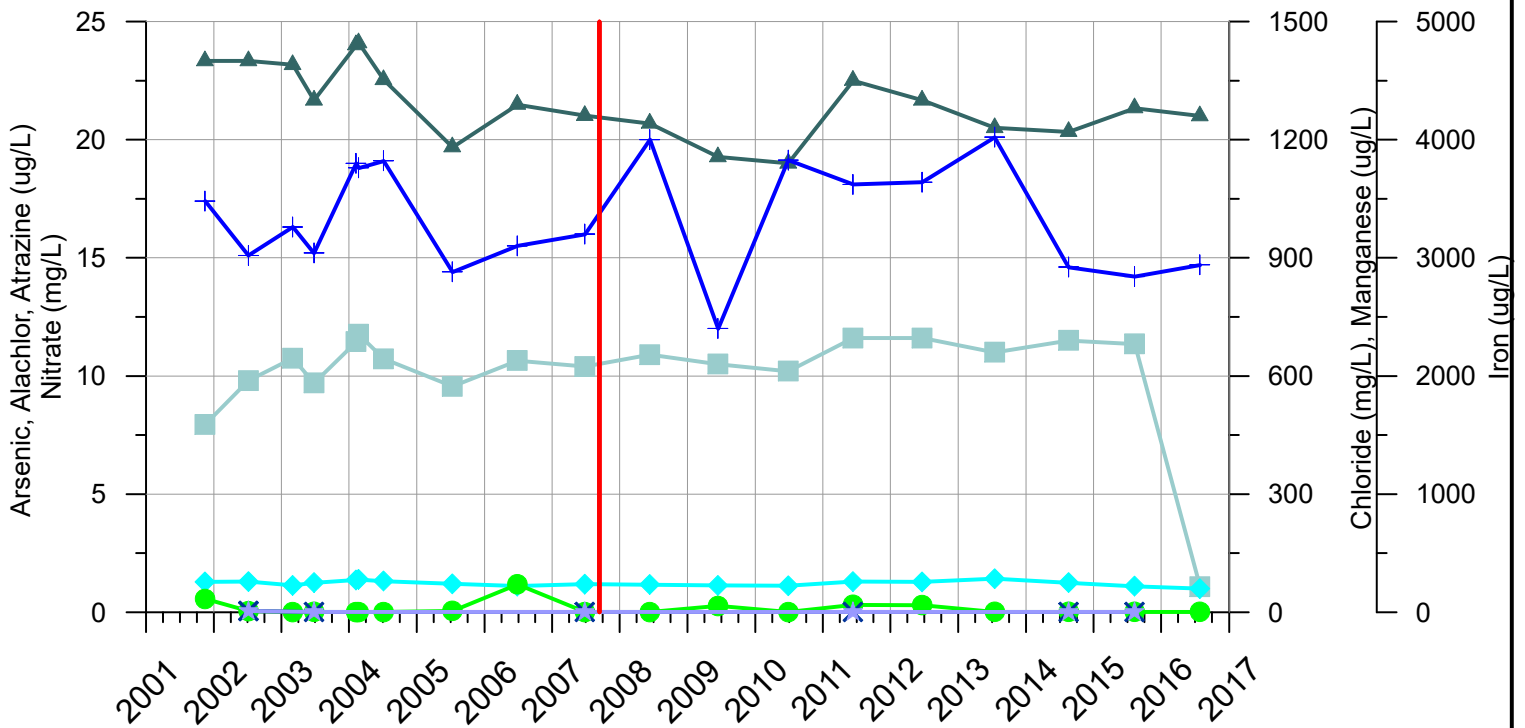
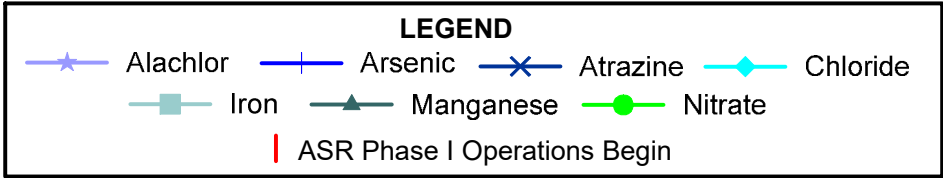
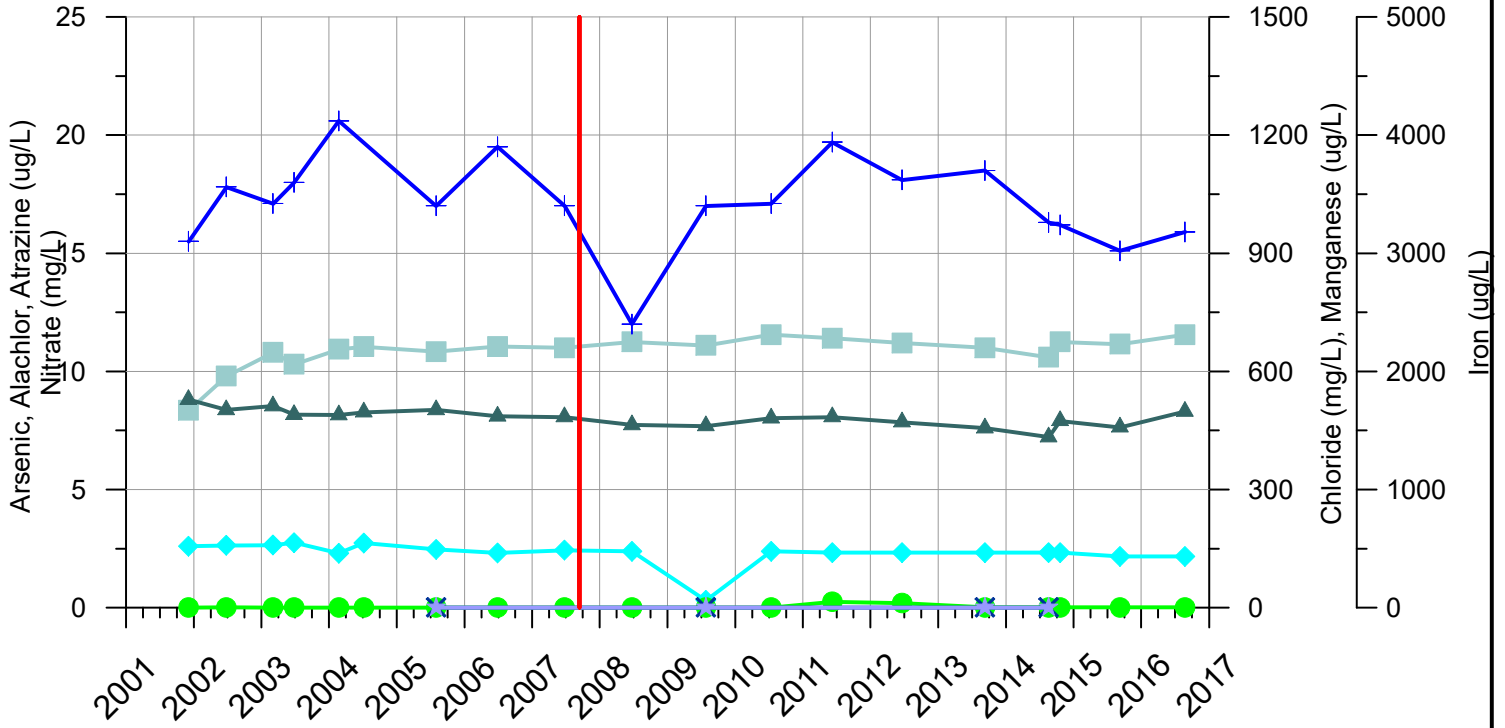
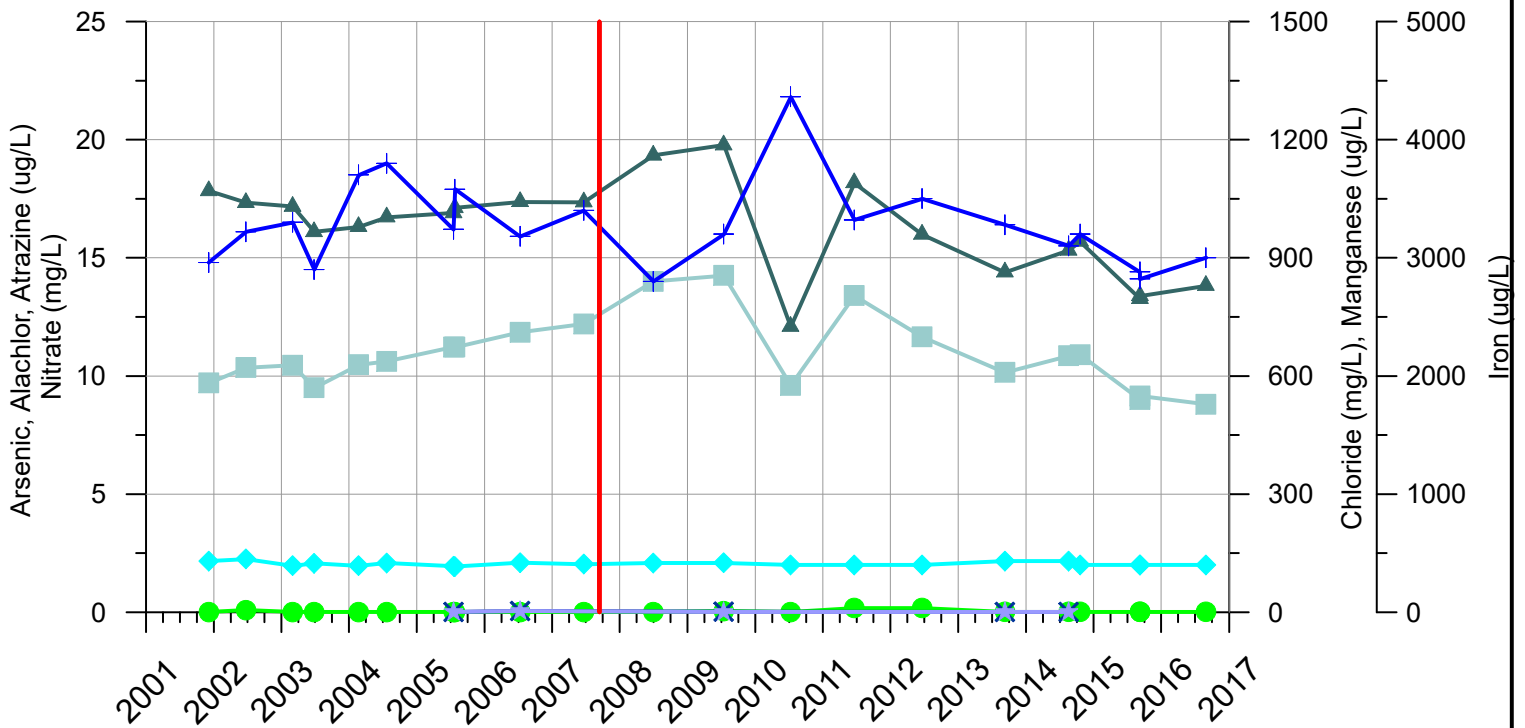


Figure E.6
INDEX WELL WATER QUALITY
IW-11C & IW-12C
2001 THROUGH 2016

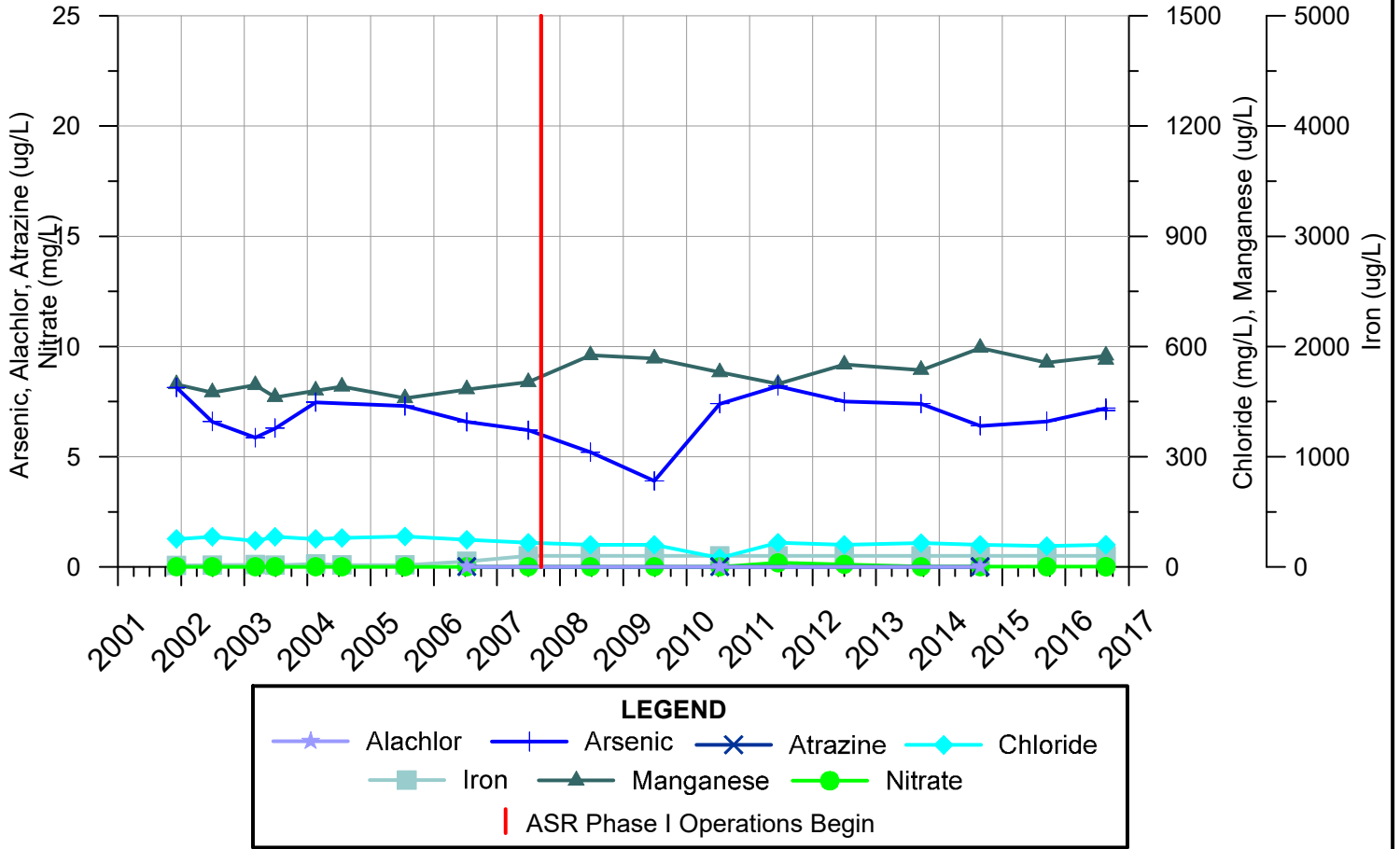
IW-13C



IW-14C



IW-15C



IW-16C

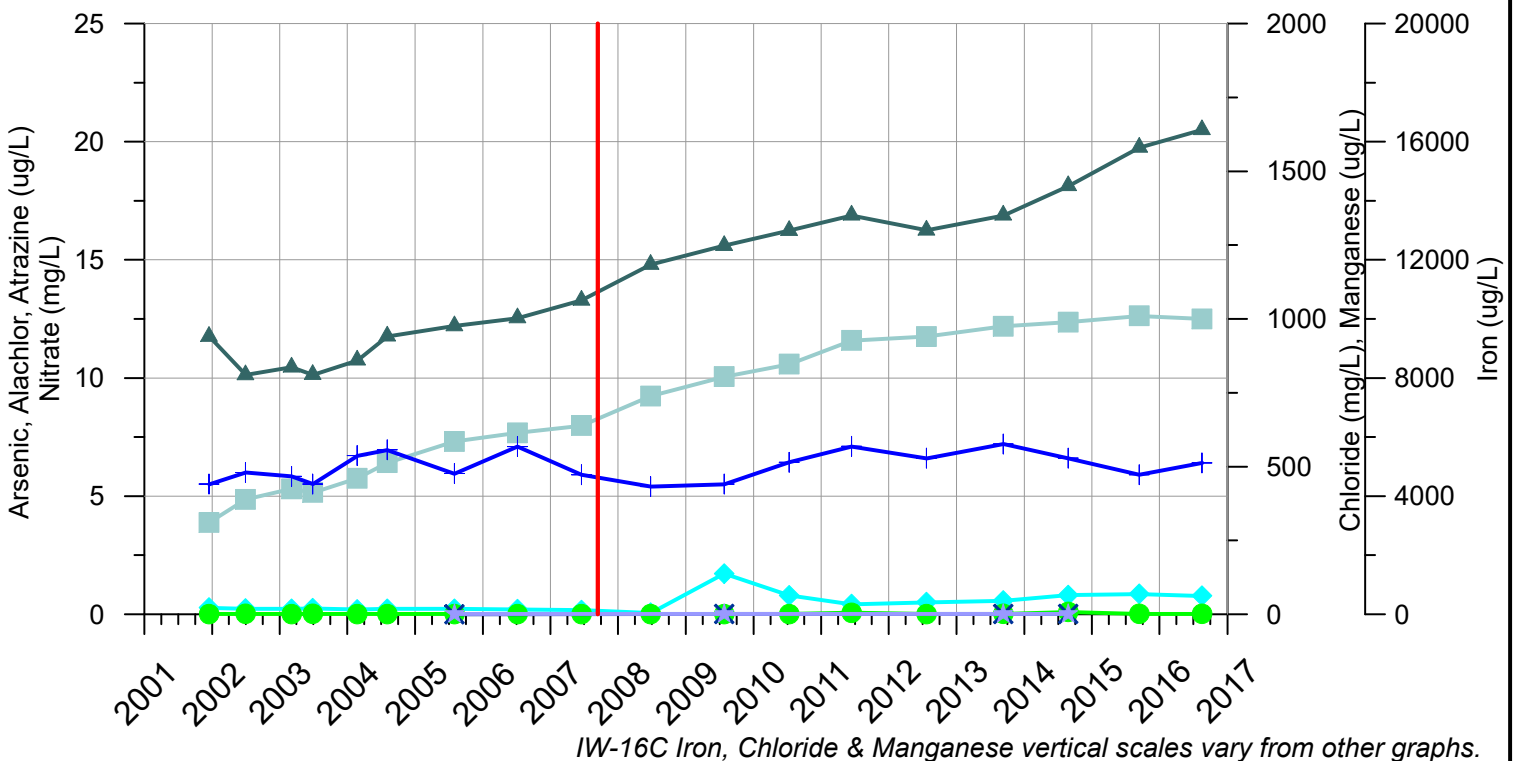
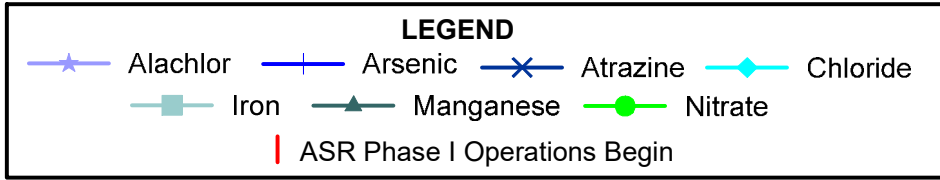
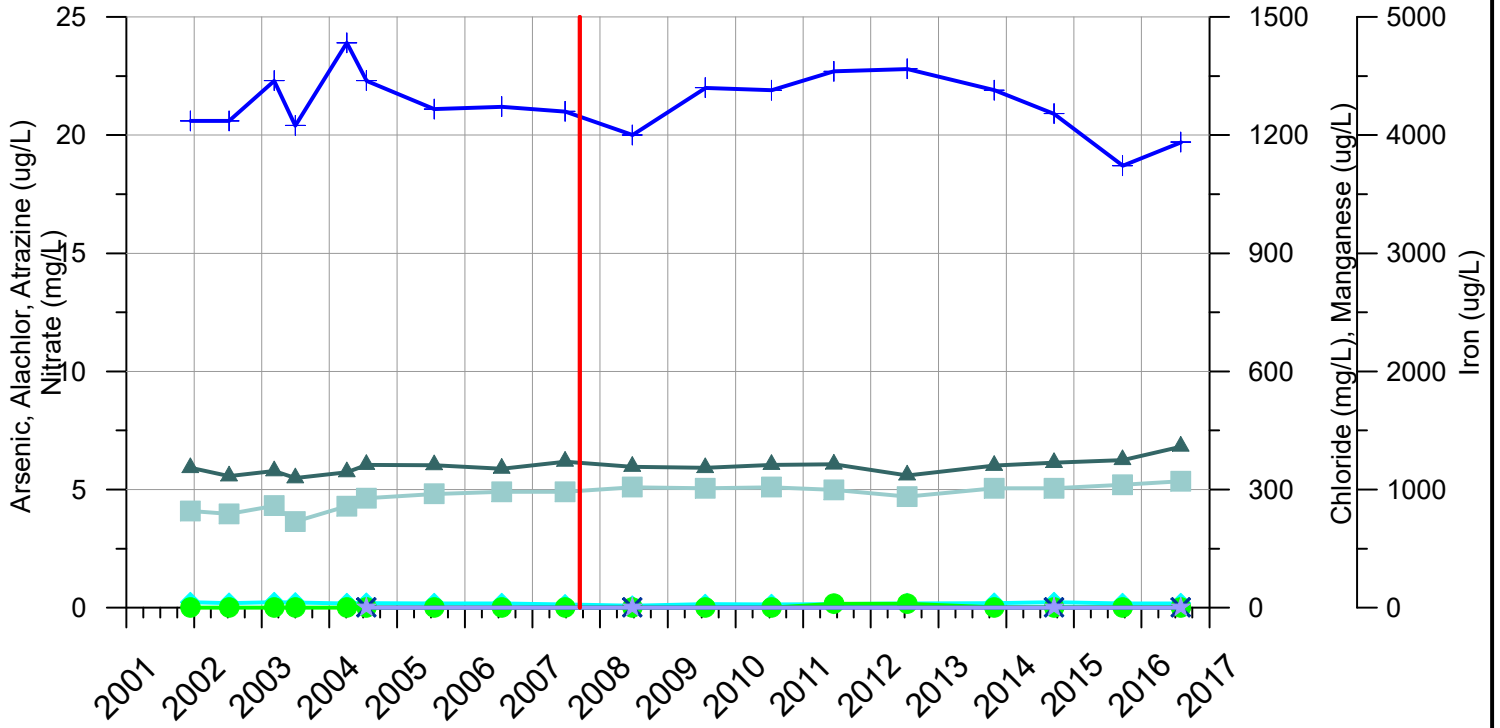
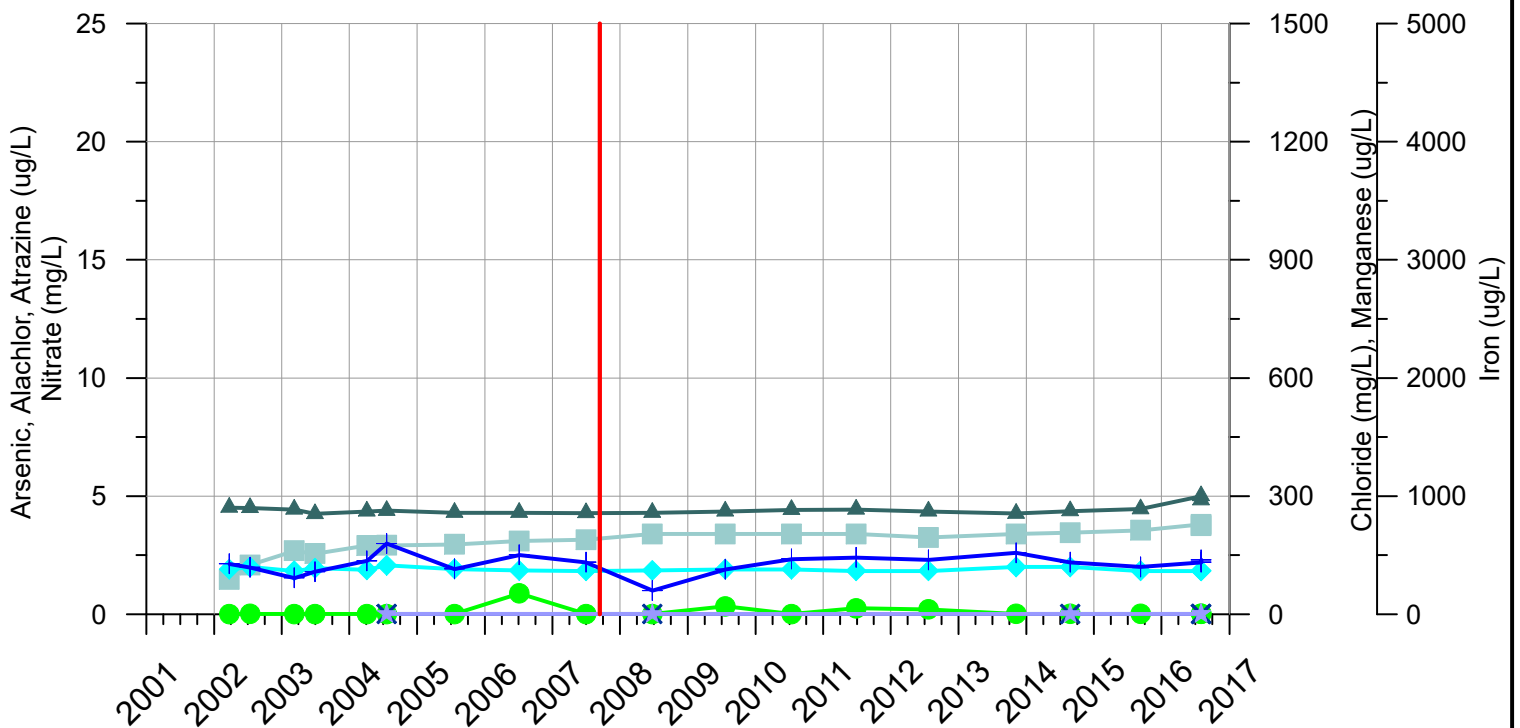


Figure E.8
INDEX WELL WATER QUALITY
IW-15C & IW-16C
2001 THROUGH 2016

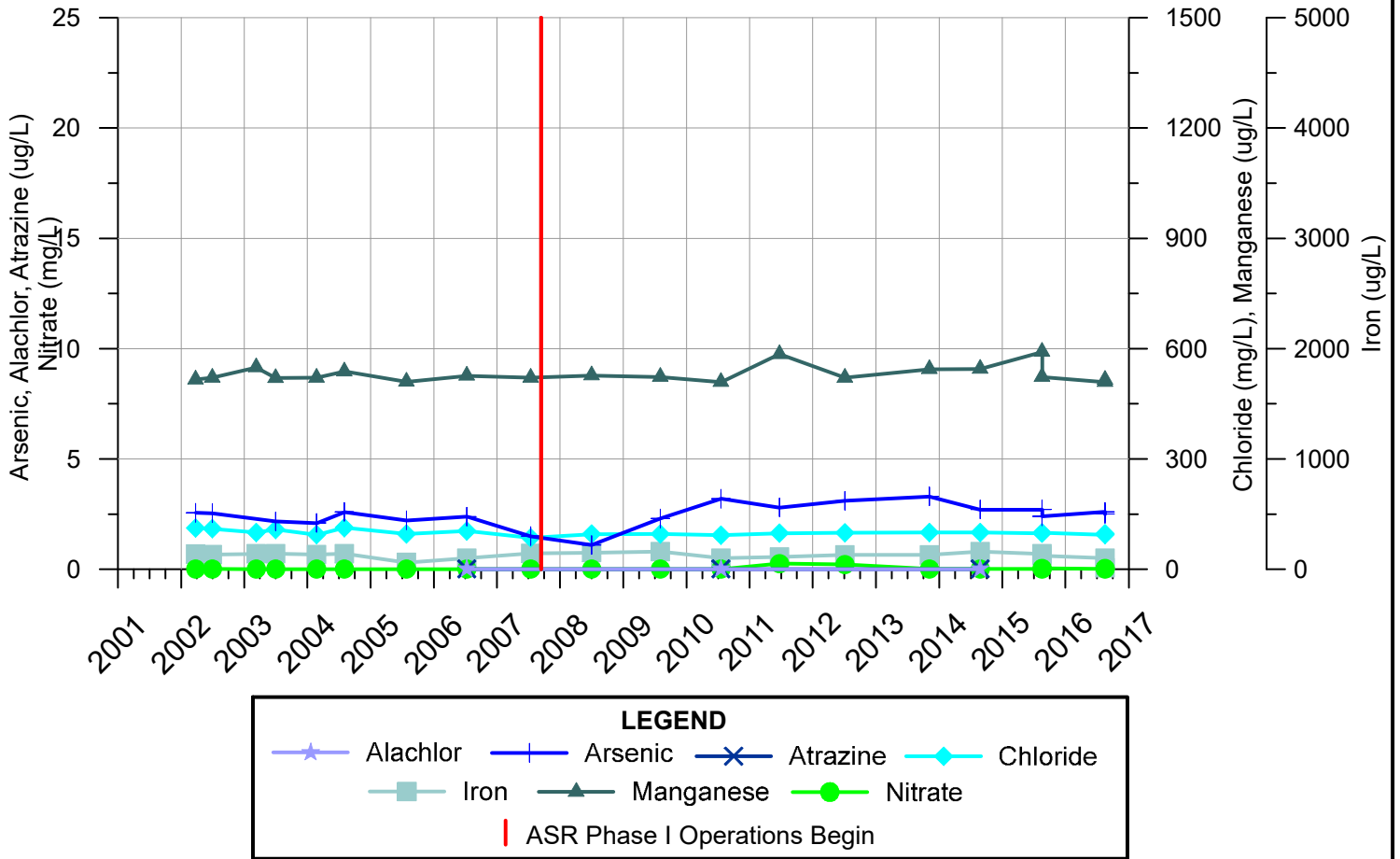
IW-17C



IW-18C



IW-19C



IW-20C

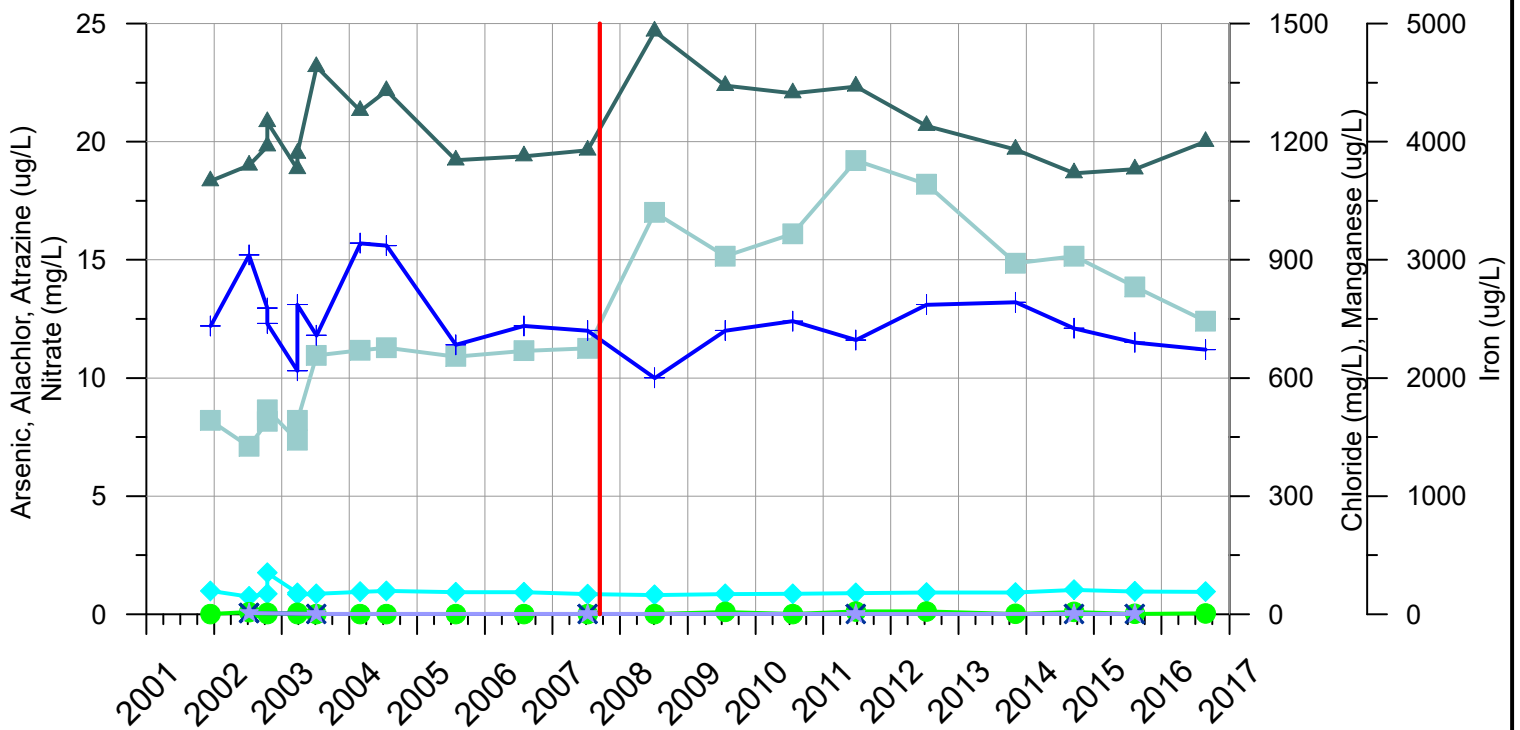
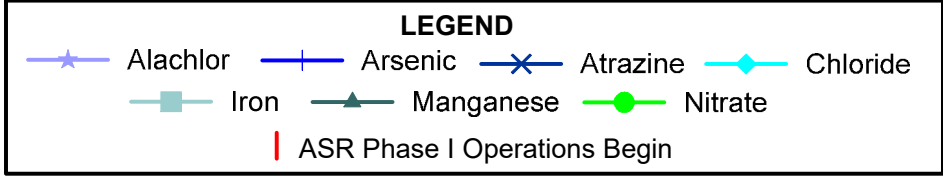
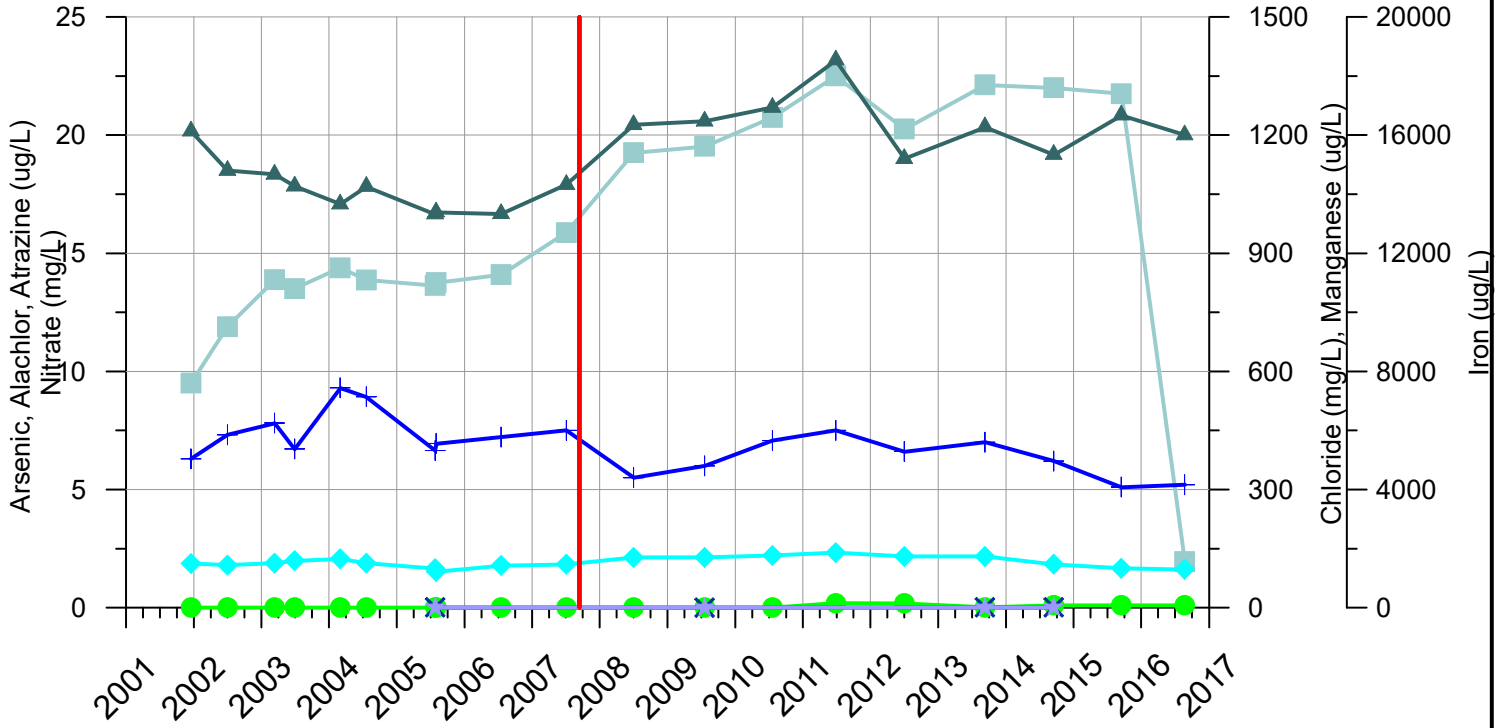
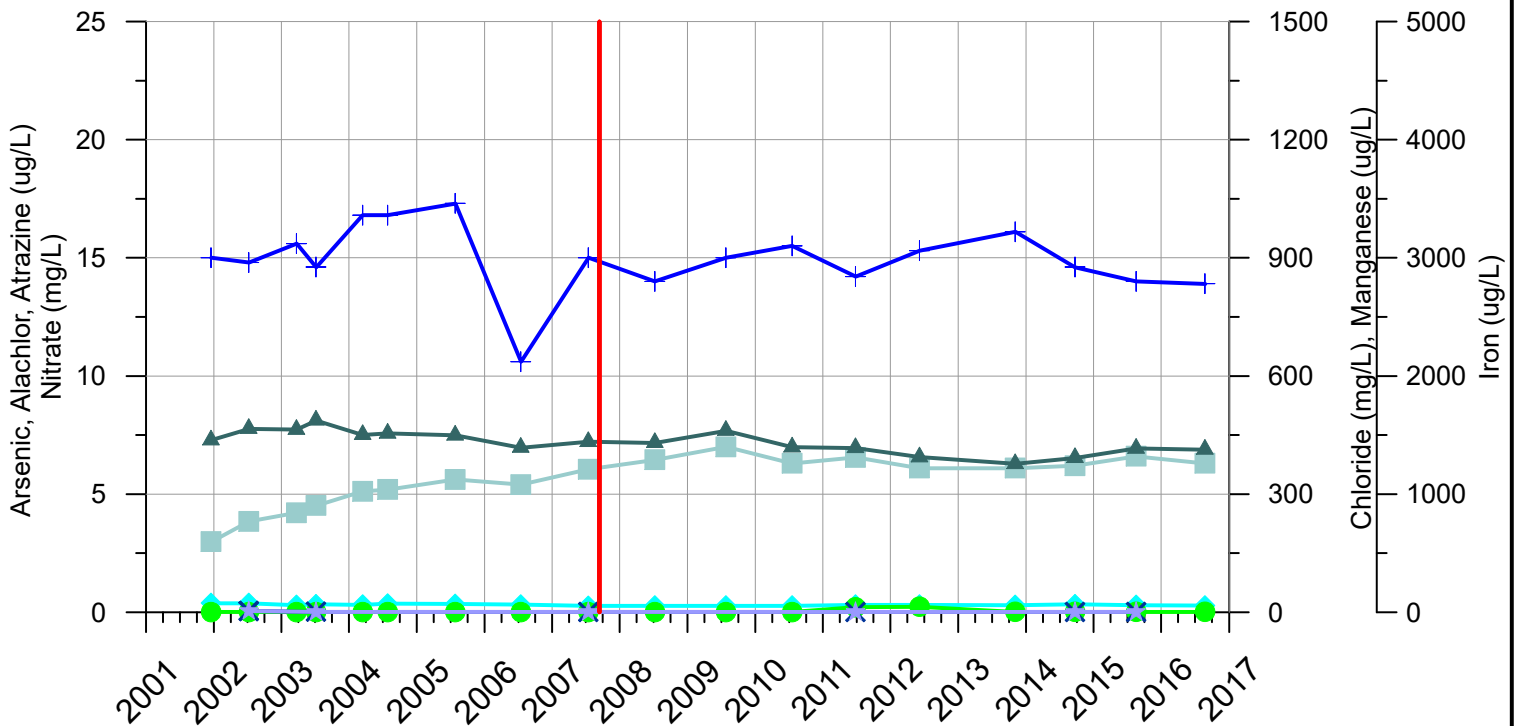


Figure E.10
INDEX WELL WATER QUALITY
IW-19C & IW-20C
2001 THROUGH 2016

IW-21C

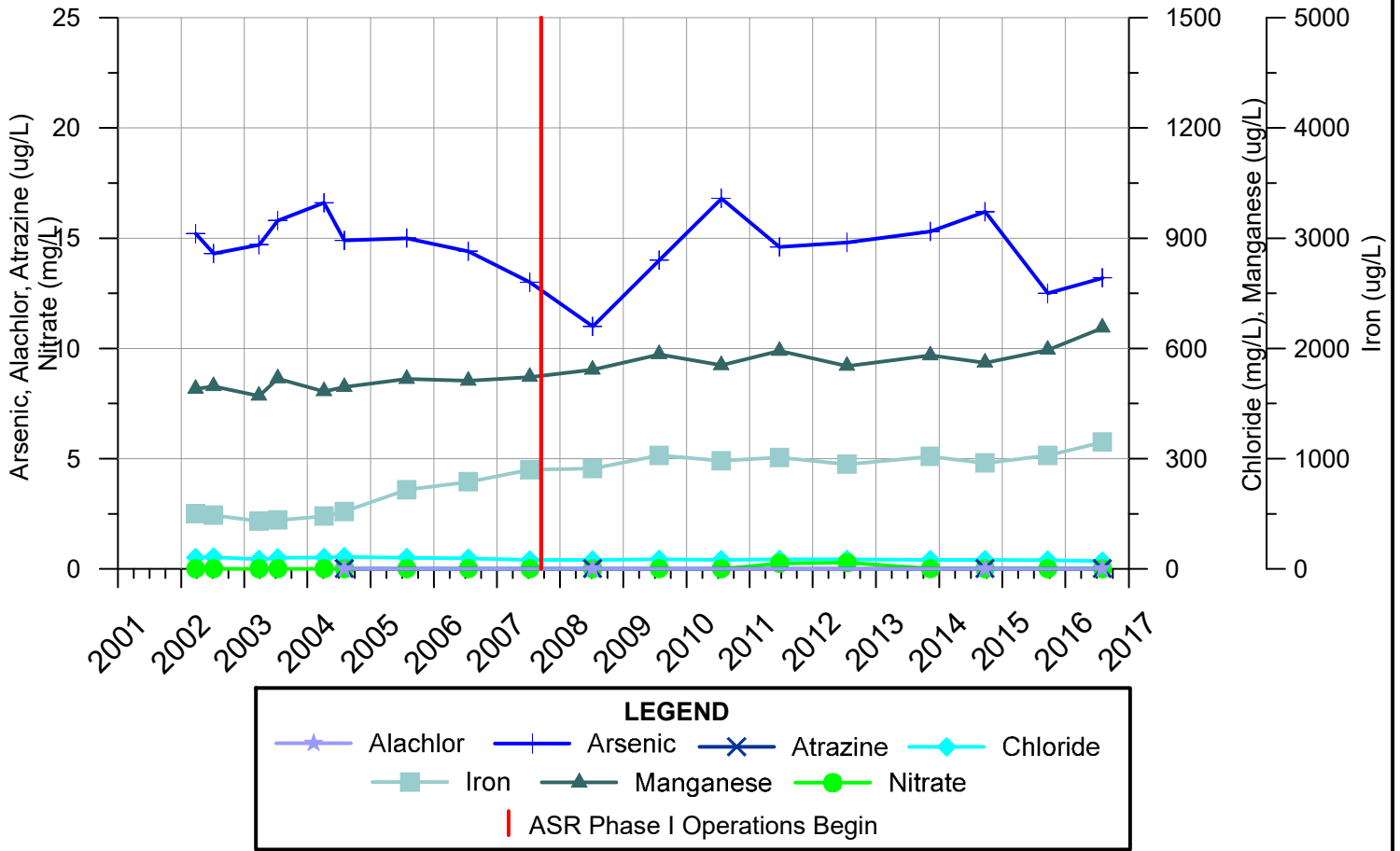


IW-22C



IW-21C Iron vertical scale varies from other graphs.

IW-23C



IW-24C

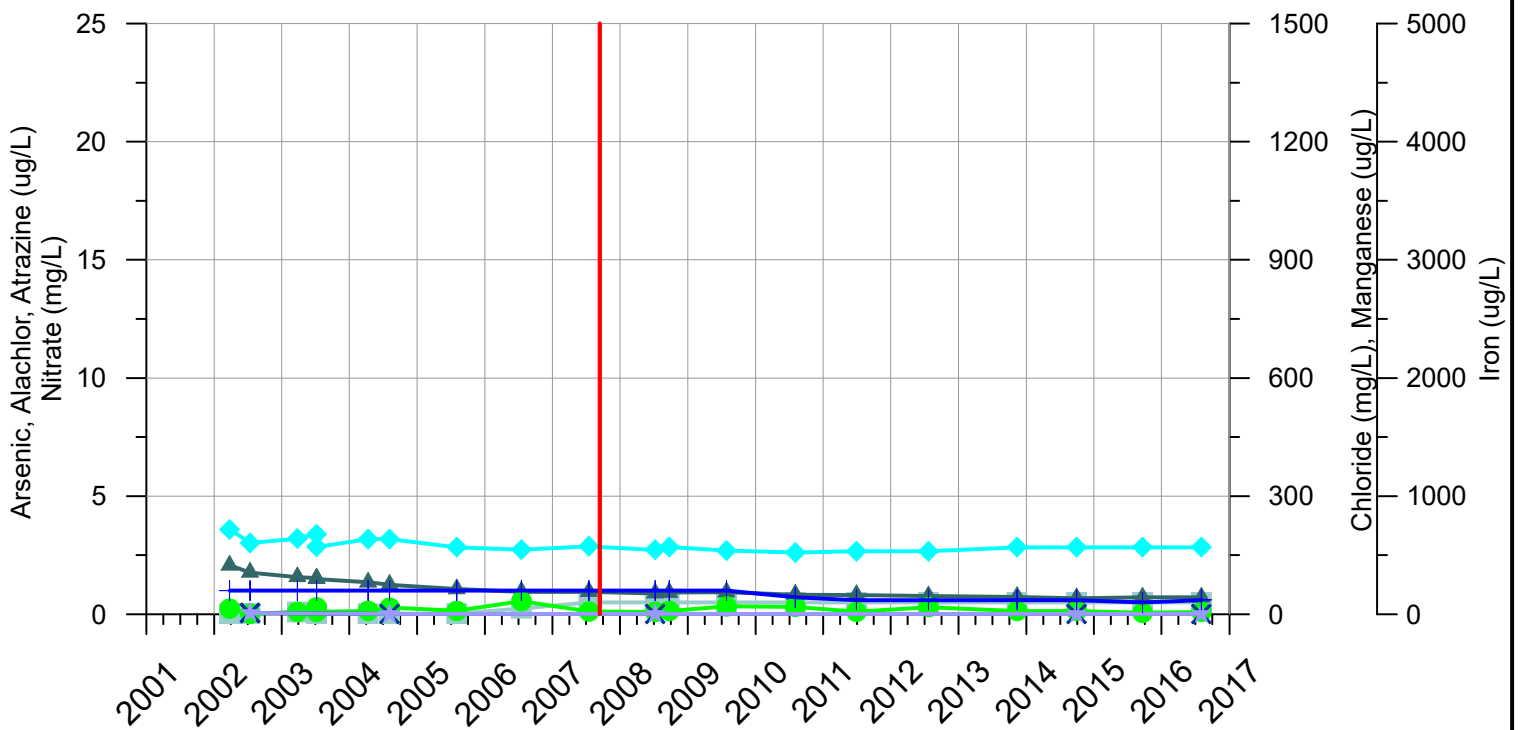
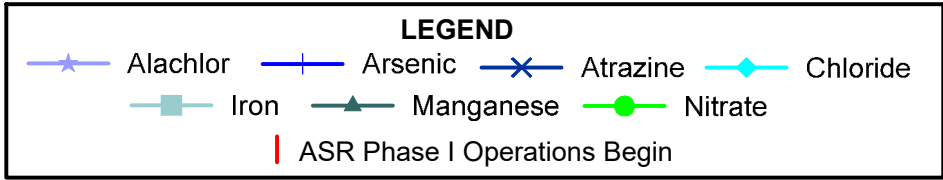
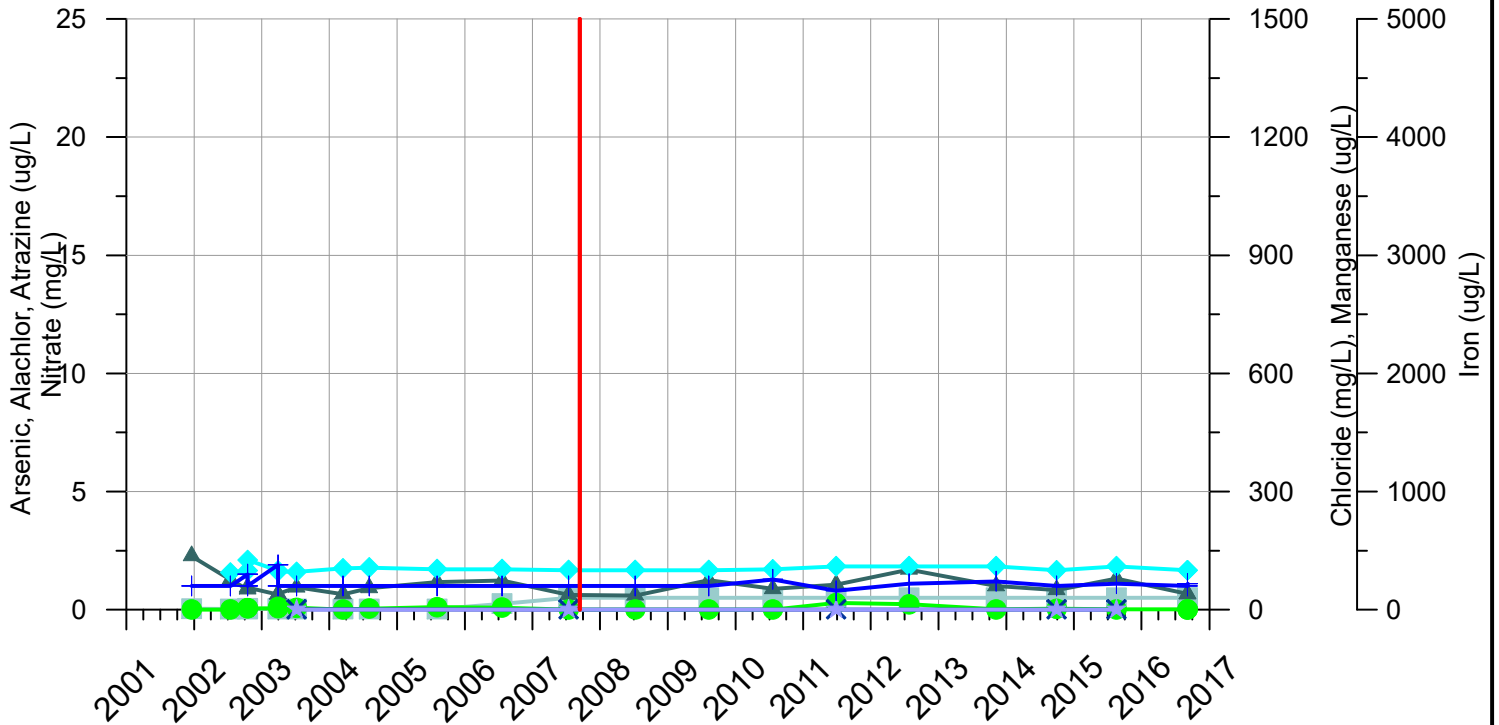


Figure E.12
INDEX WELL WATER QUALITY
IW-23C & IW-24C
2001 THROUGH 2016

IW-25C



IW-26C

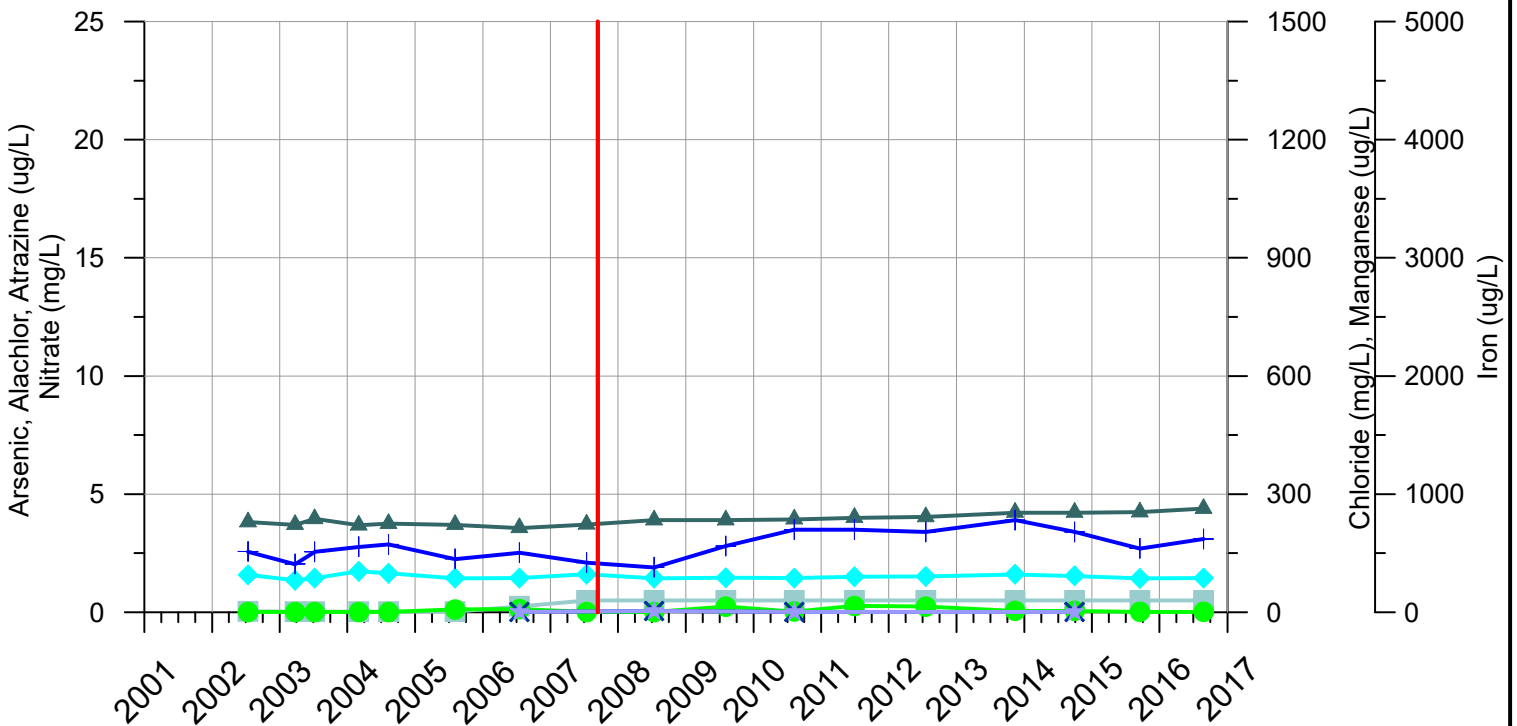
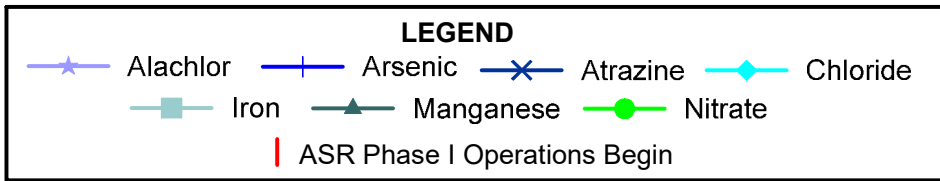
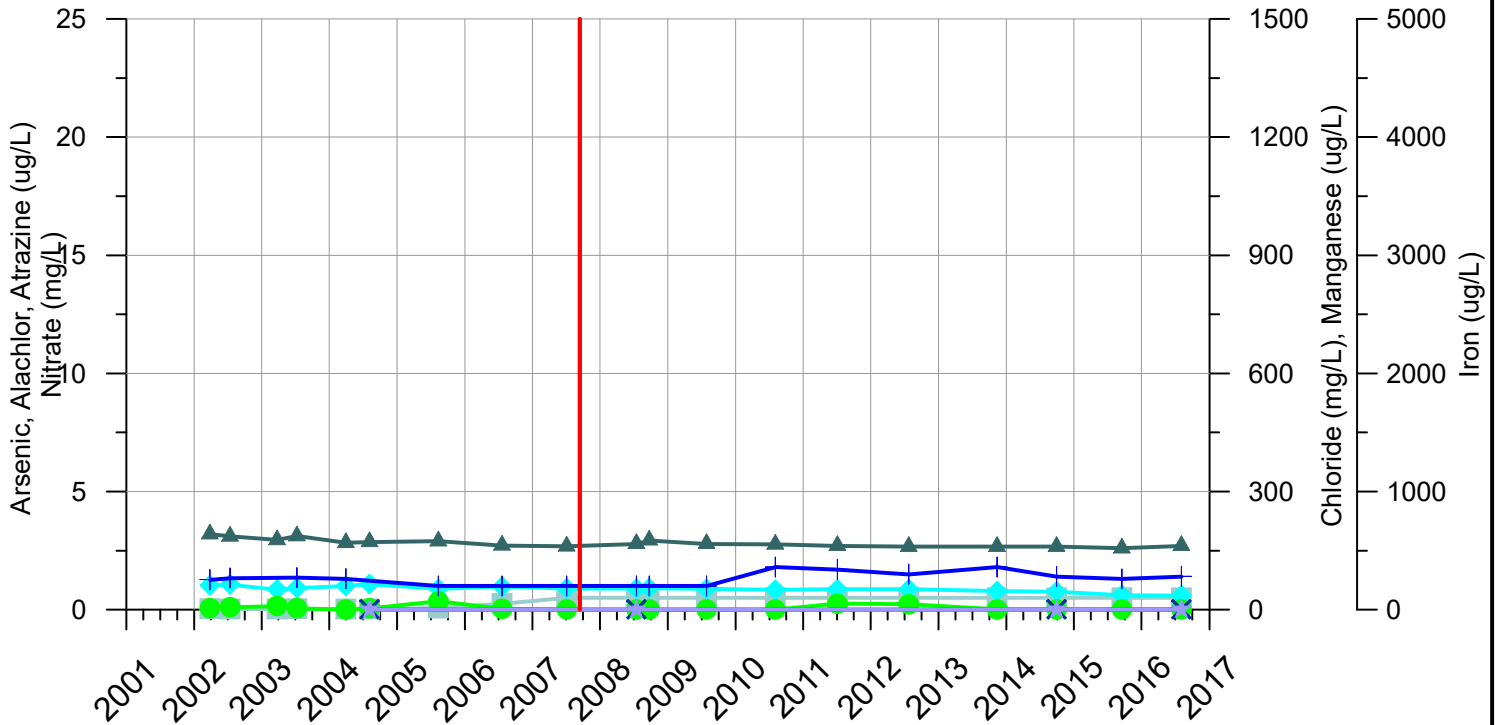
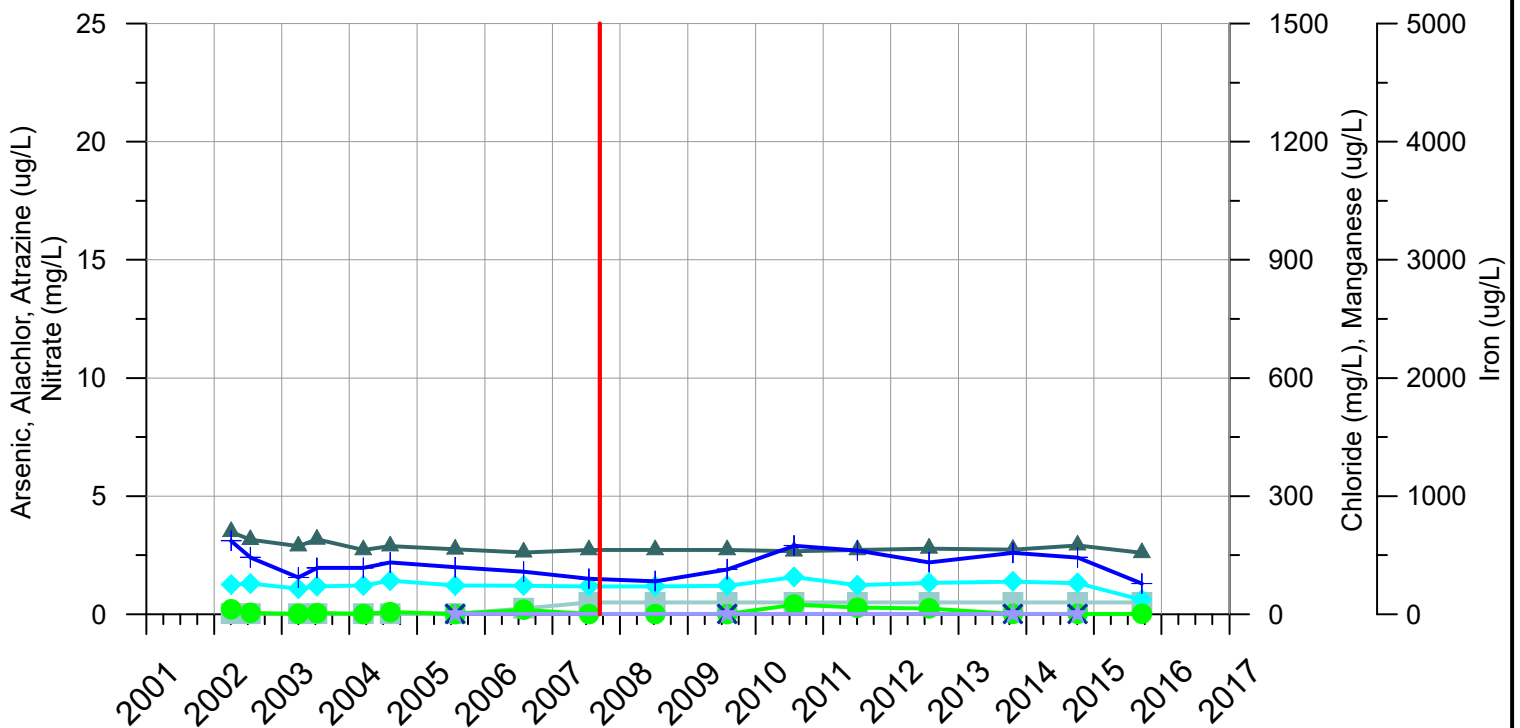


Figure E.13
INDEX WELL WATER QUALITY
IW-25C & IW-26C
2001 THROUGH 2016

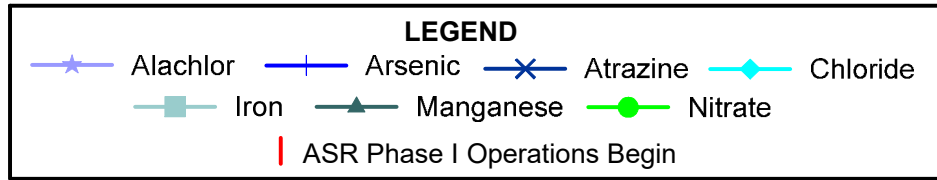
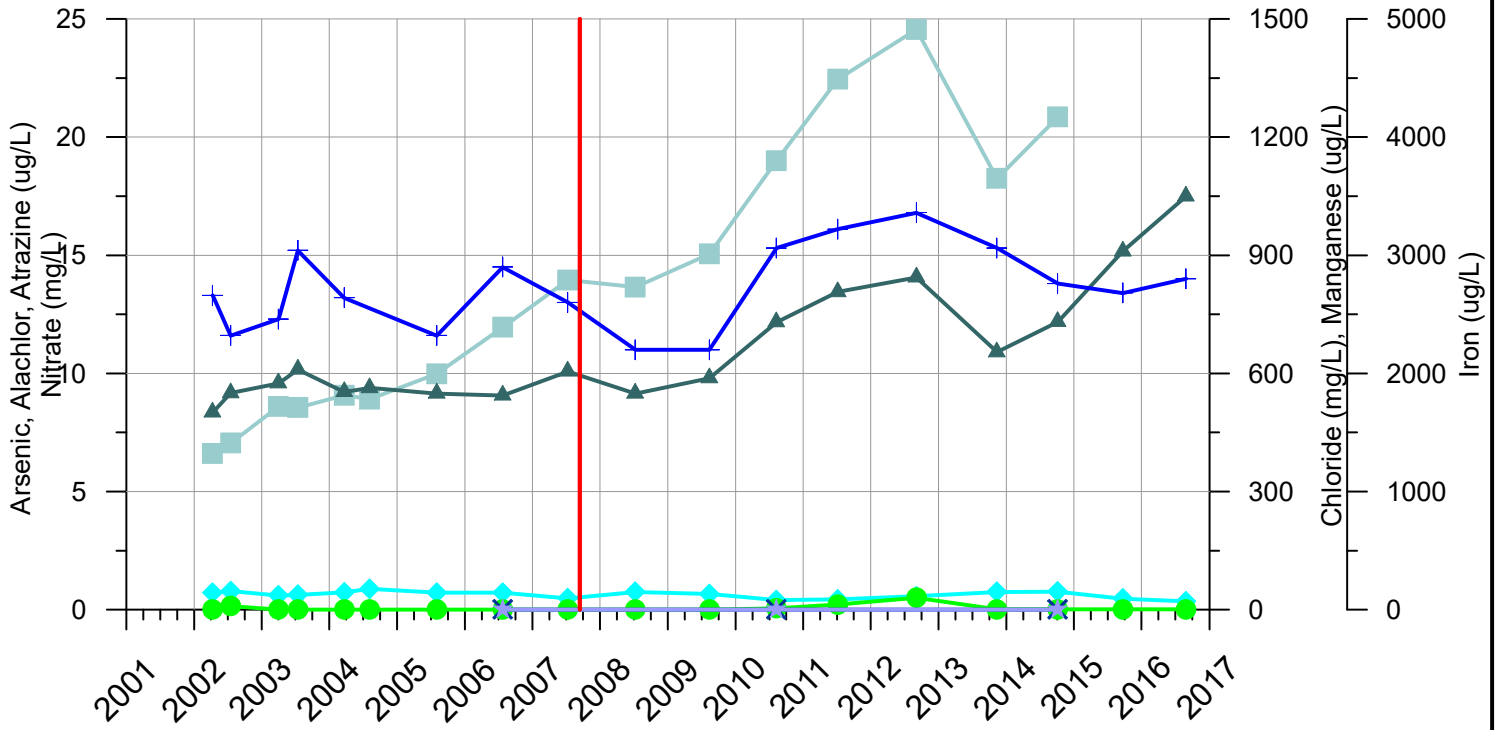
IW-27C



IW-28C



IW-29C



IW-30C

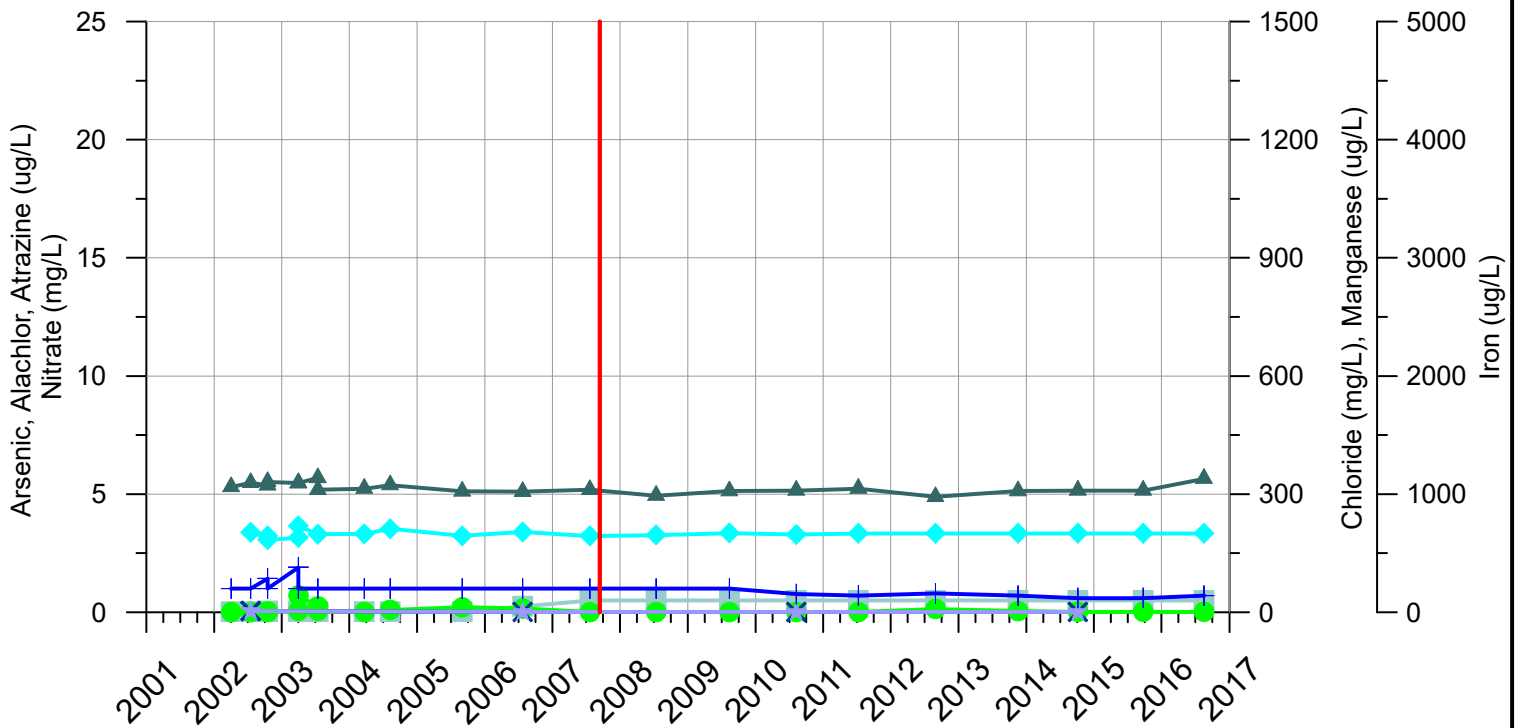
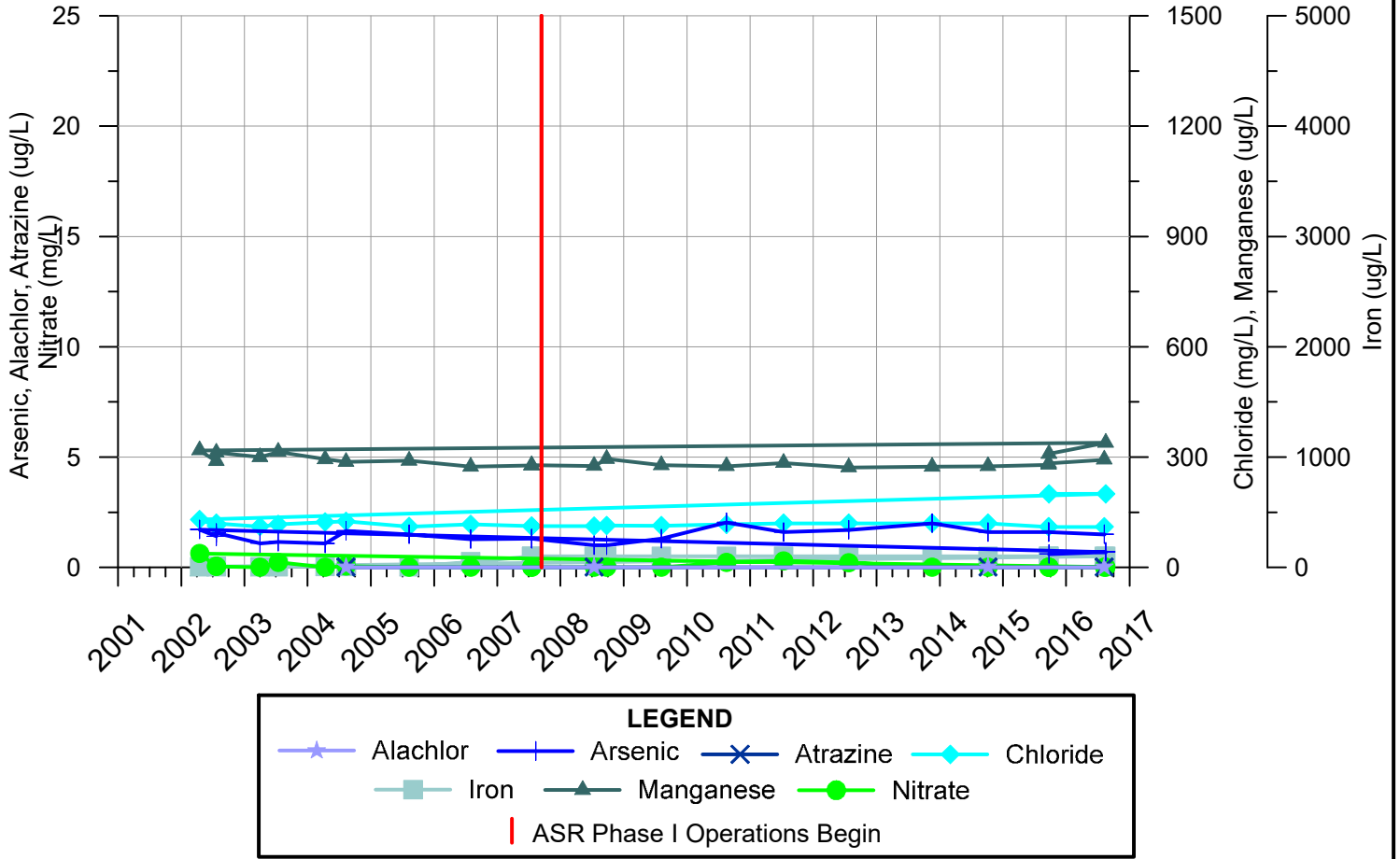


Figure E.15
INDEX WELL WATER QUALITY
IW-29C & IW-30C
2001 THROUGH 2016

IW-31C



IW-32C

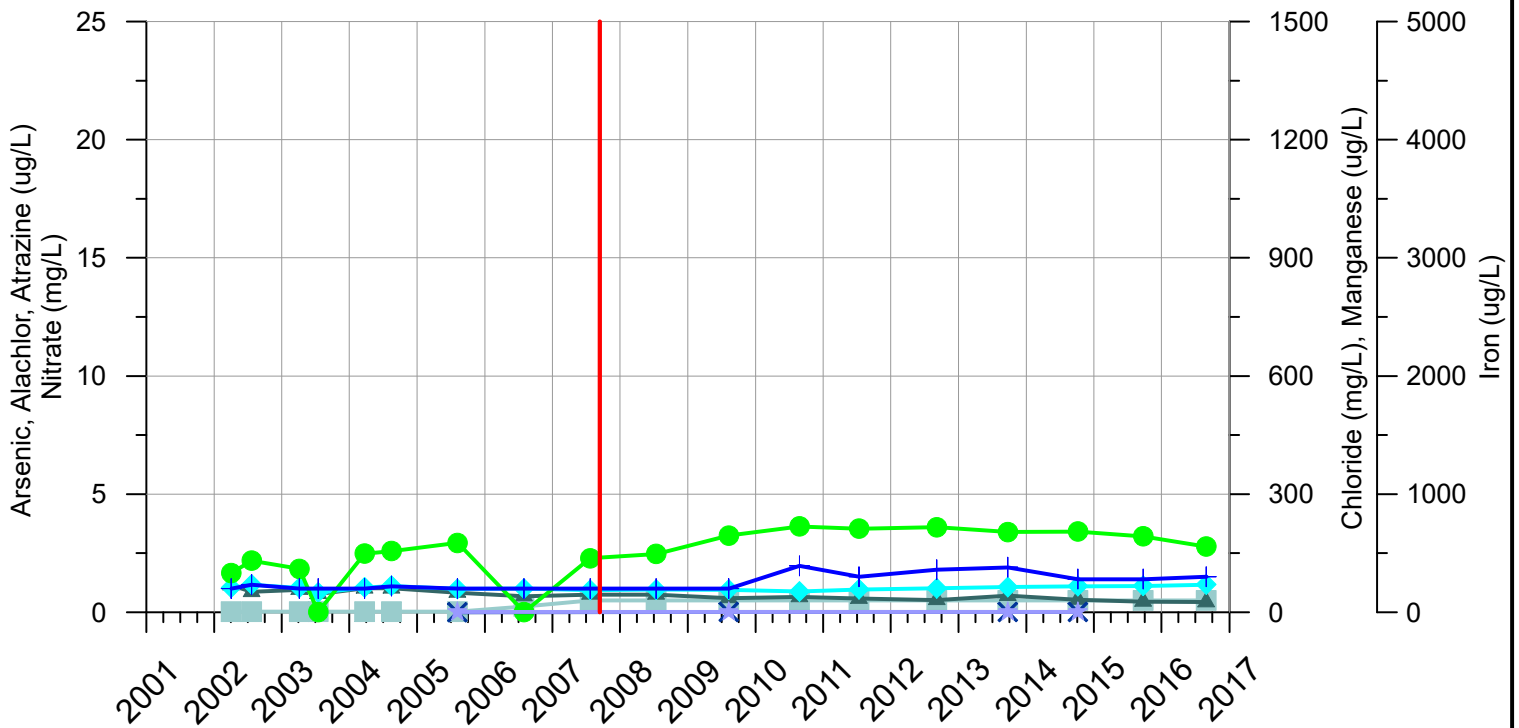
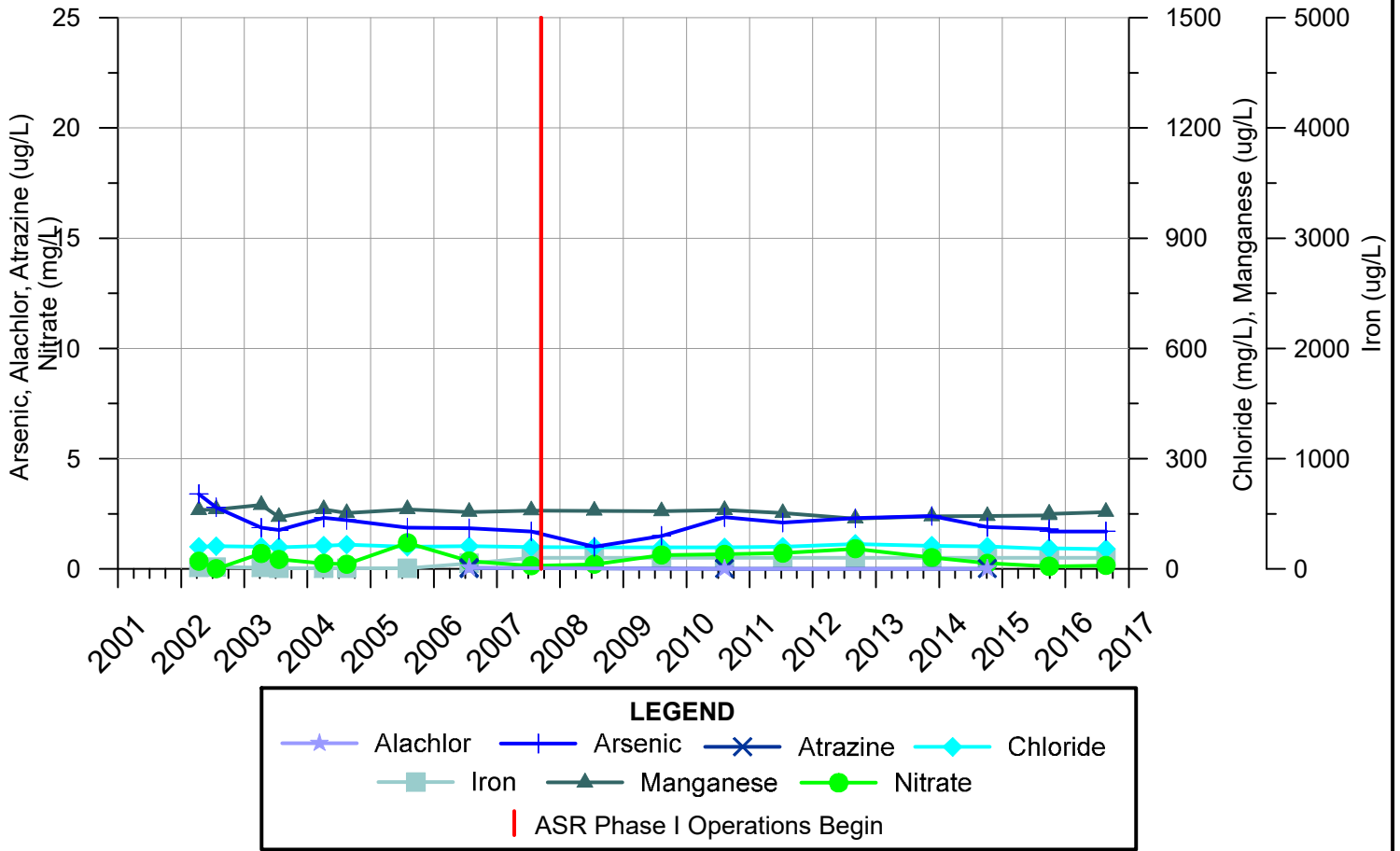


Figure E.16
INDEX WELL WATER QUALITY
IW-31C & IW-32C
2001 THROUGH 2016

IW-33C



IW-34C

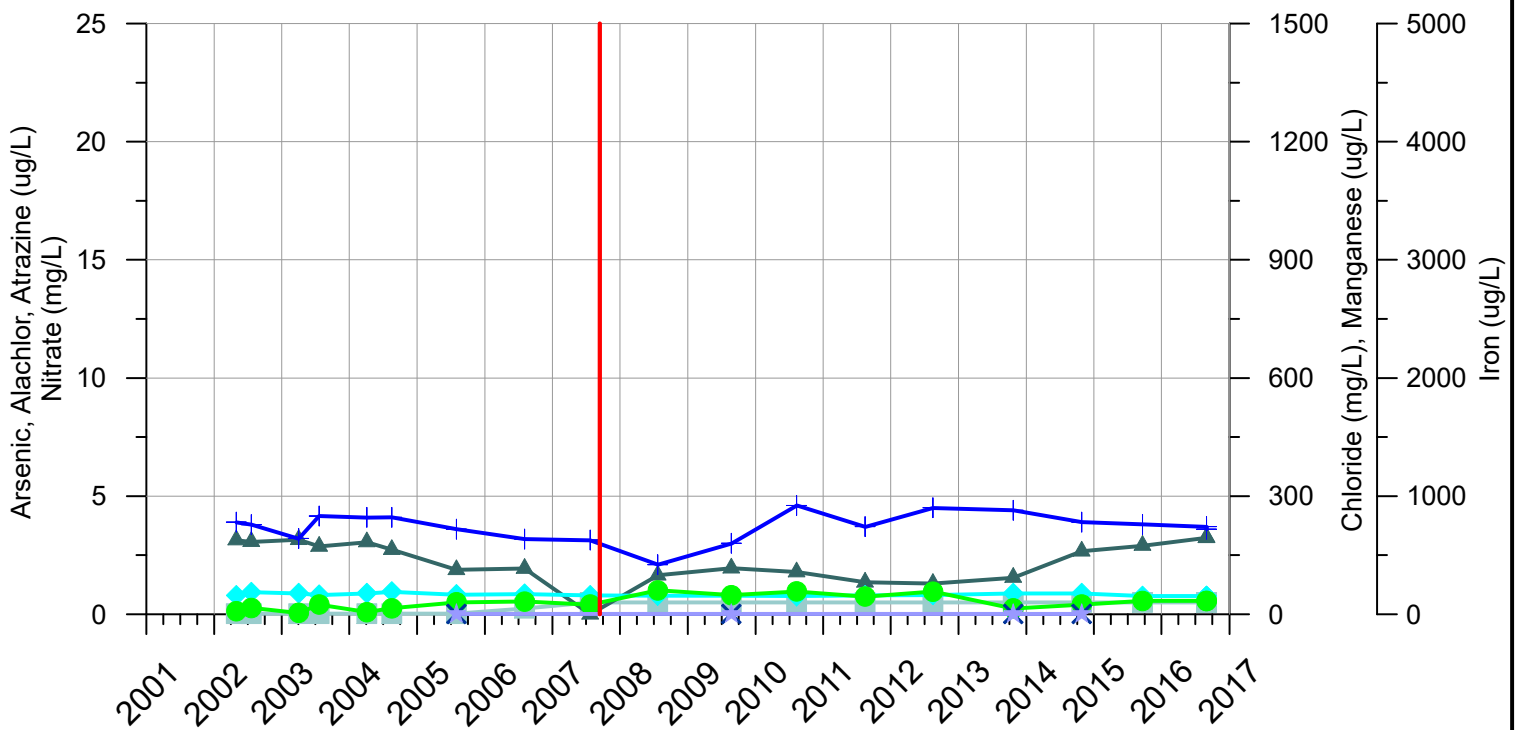
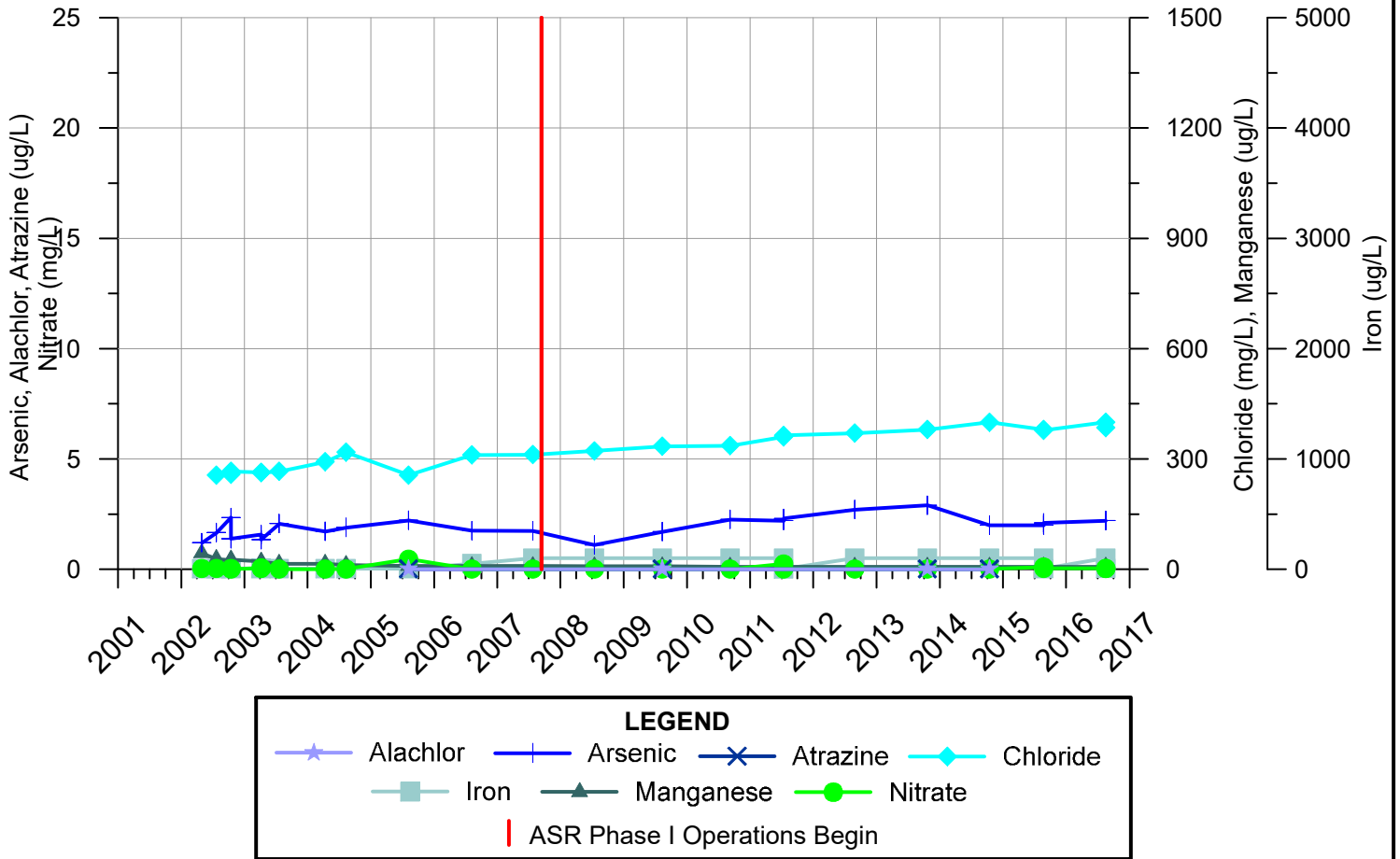


Figure E.17
INDEX WELL WATER QUALITY
IW-33C & IW-34C
2001 THROUGH 2016

IW-35C



IW-36C

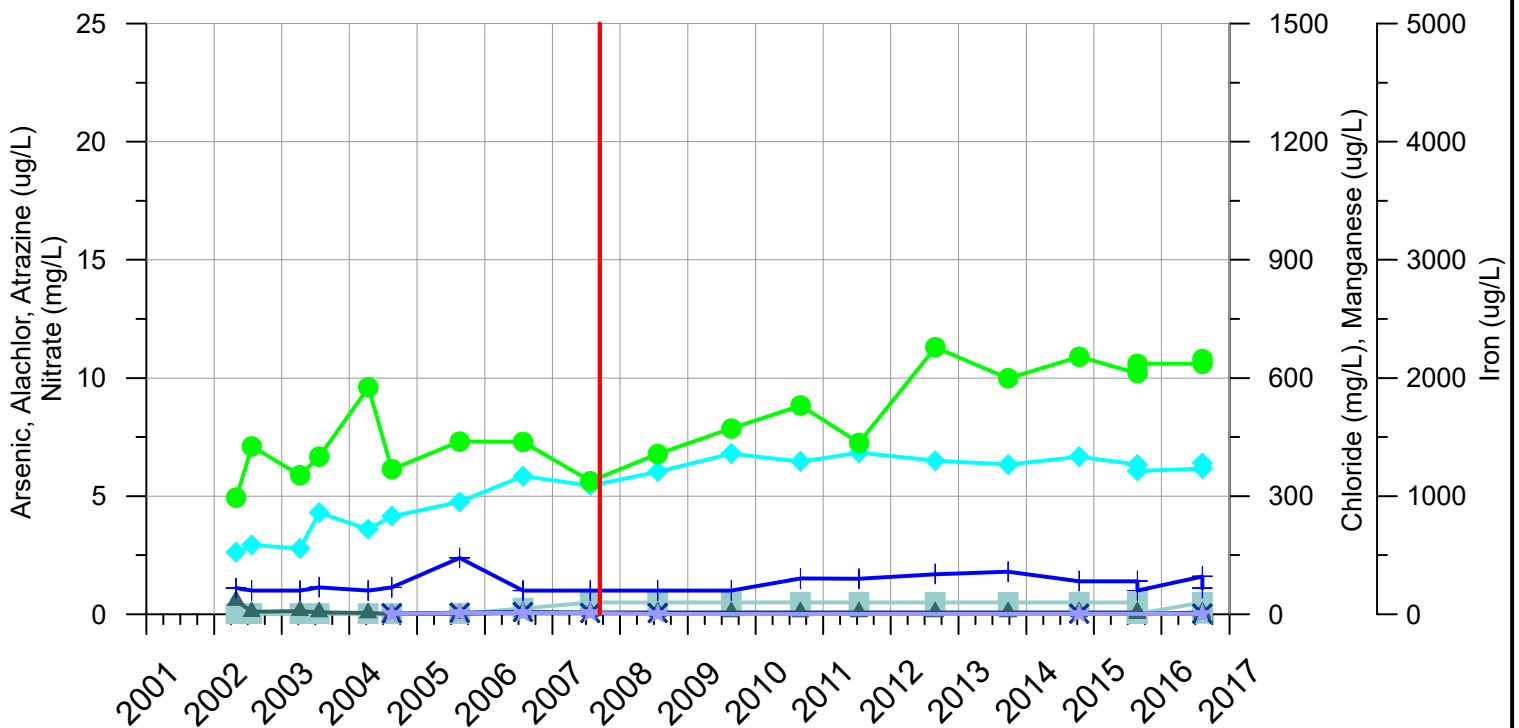
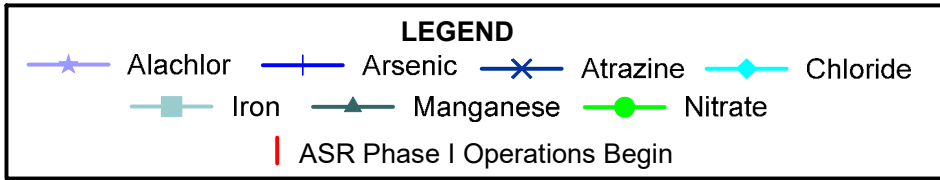
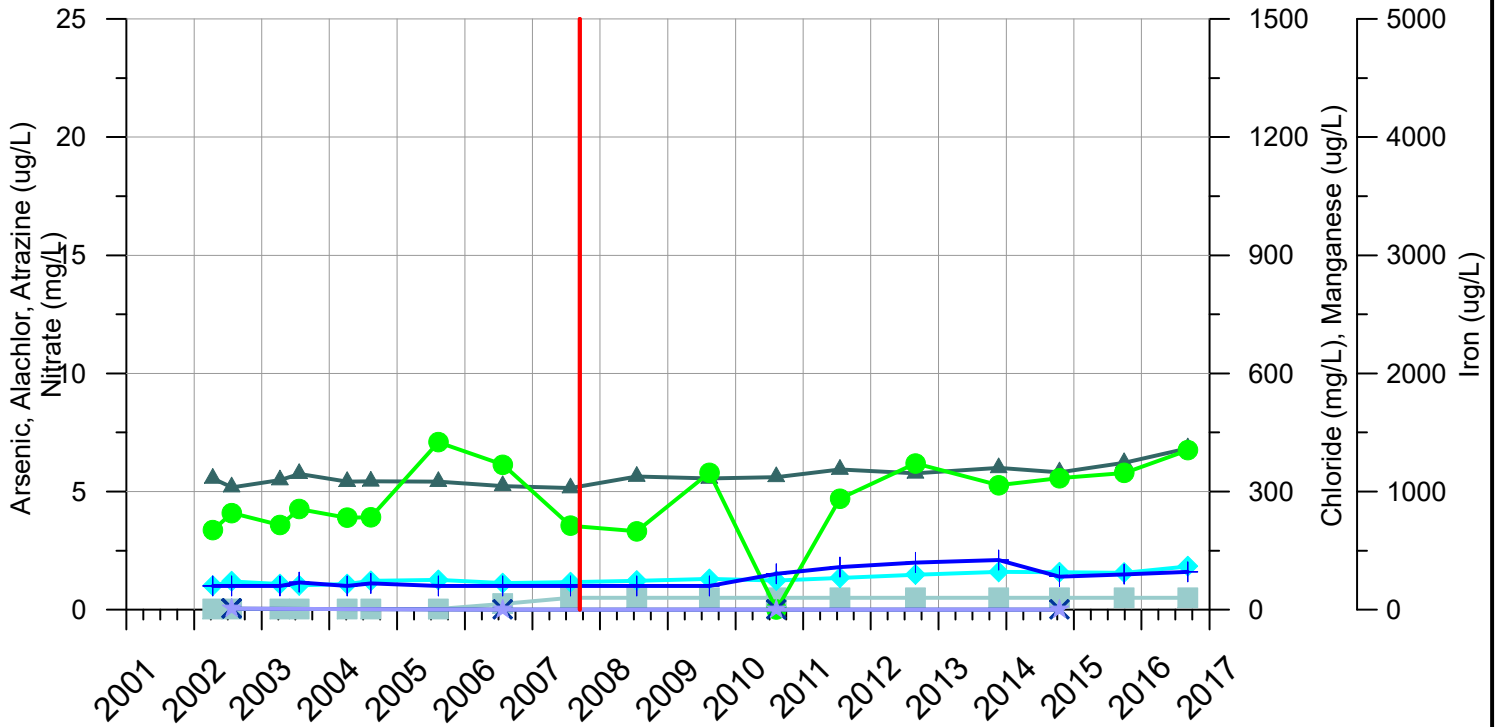


Figure E.18
INDEX WELL WATER QUALITY
IW-35C & IW-36C
2001 THROUGH 2016

IW-37C



IW-38C

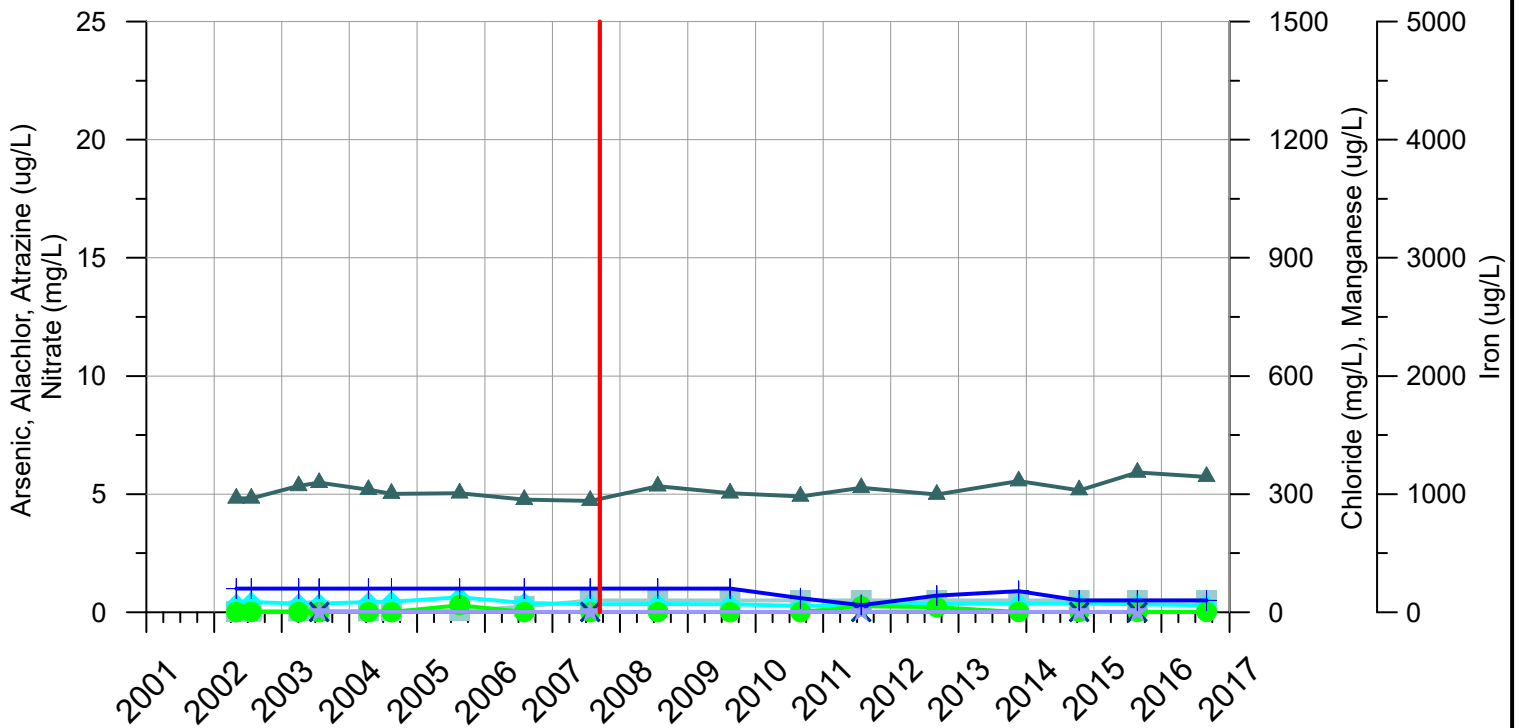
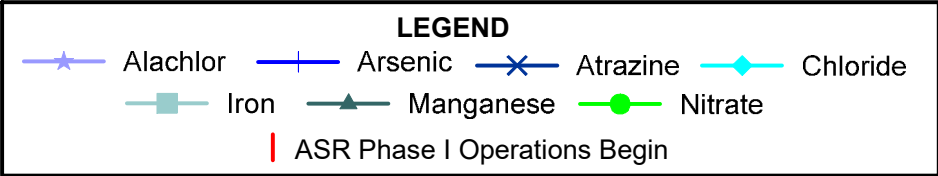
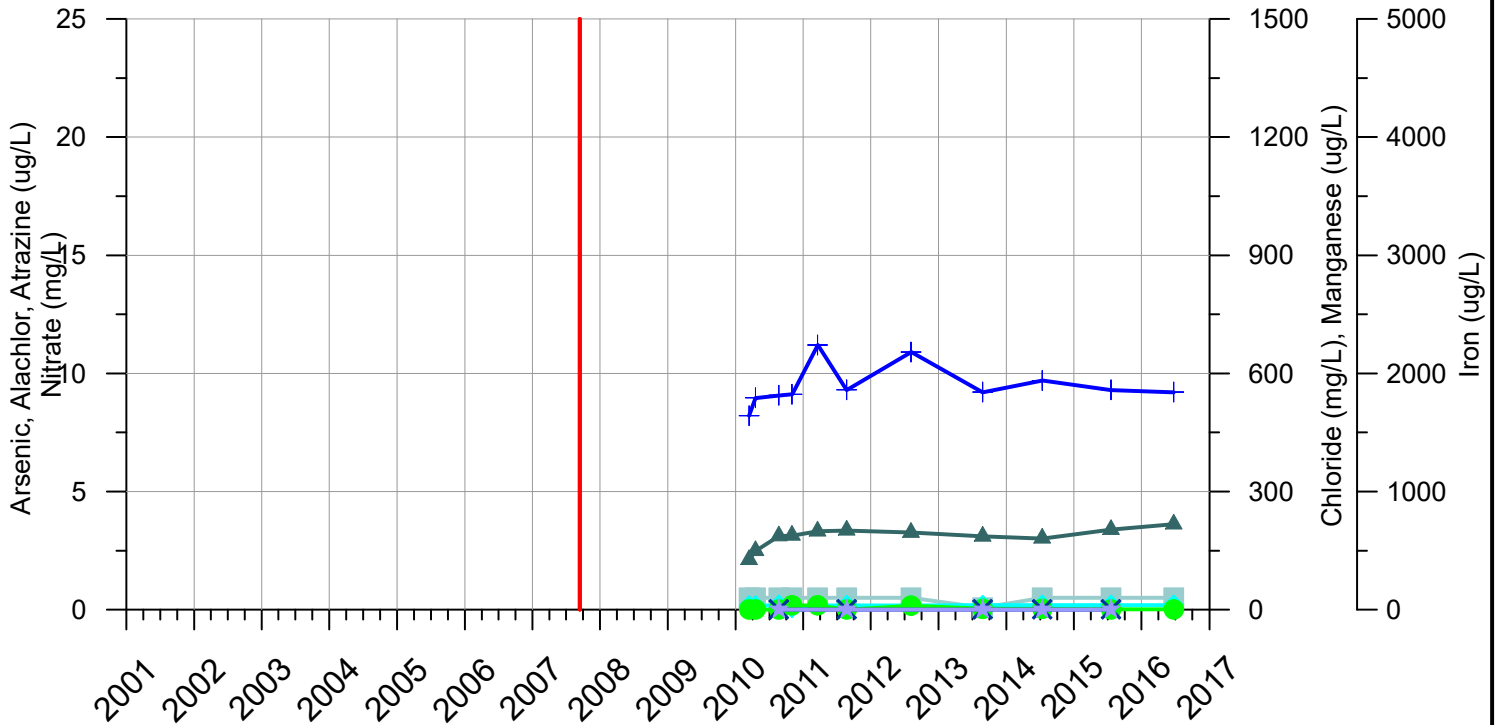


Figure D.19
INDEX WELL WATER QUALITY
IW-37C & IW-38C
2001 THROUGH 2016

CMW-01C



CMW-02C

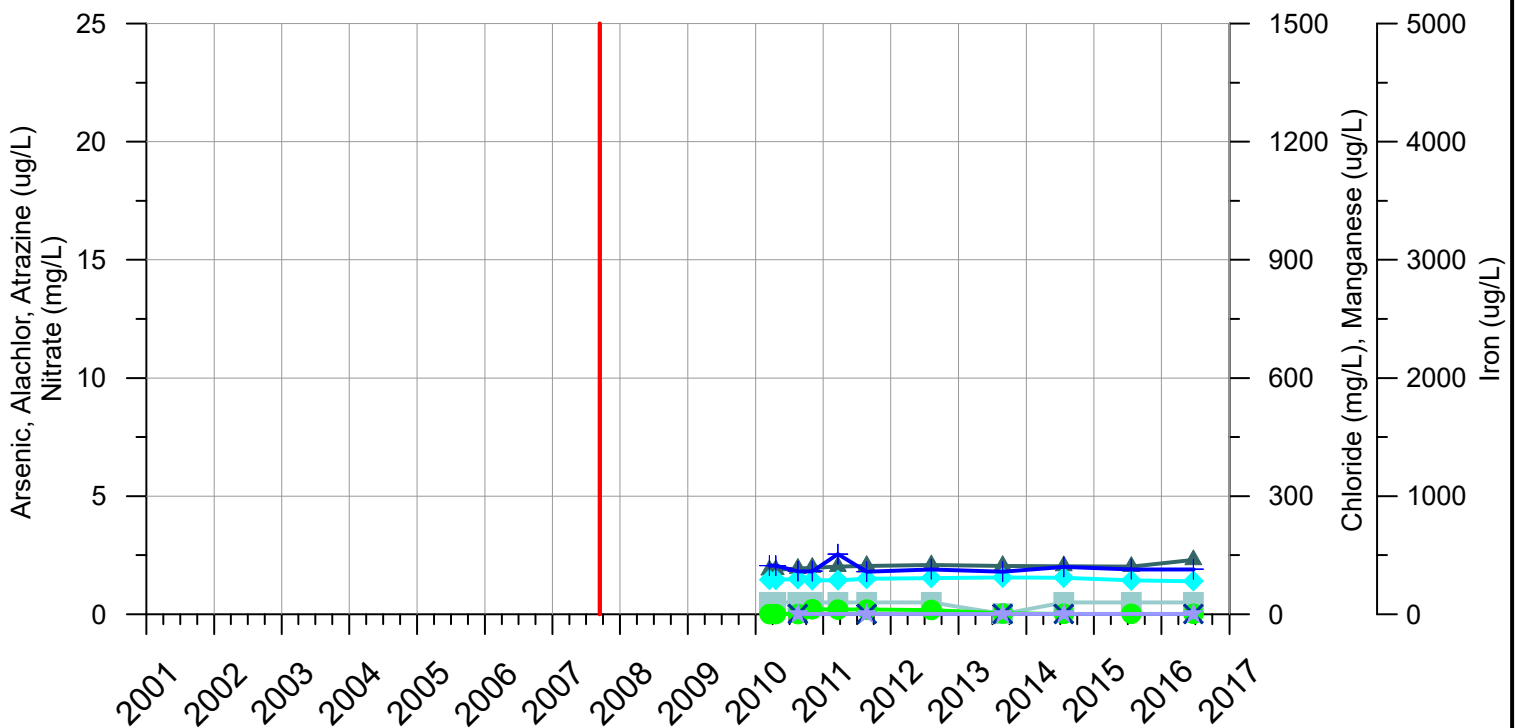
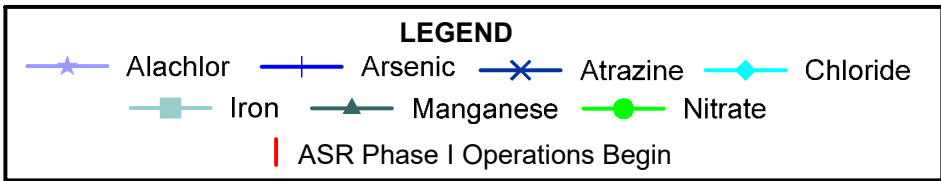
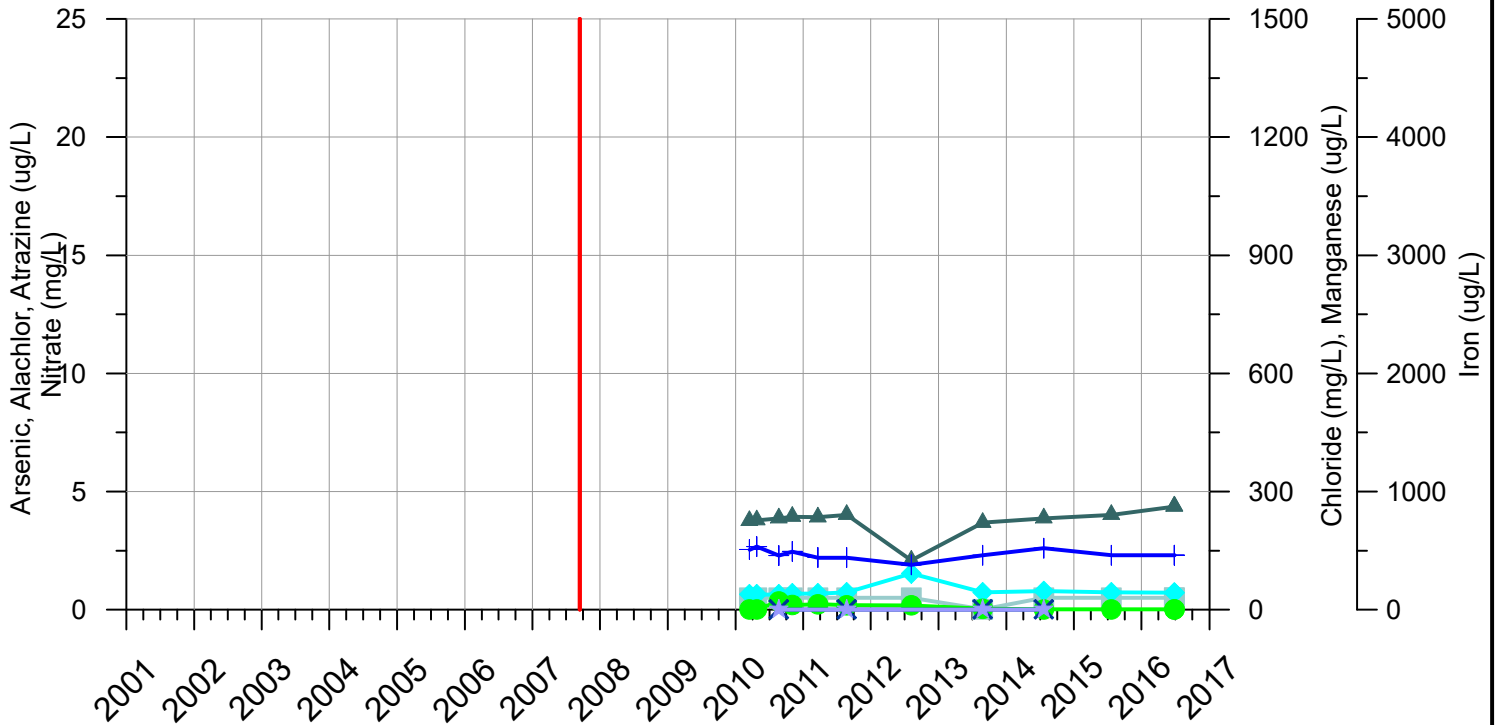


Figure E.20
INDEX WELL WATER QUALITY
CMW-01C & CMW-02C
2001 THROUGH 2016

CMW-03C



CMW-04C

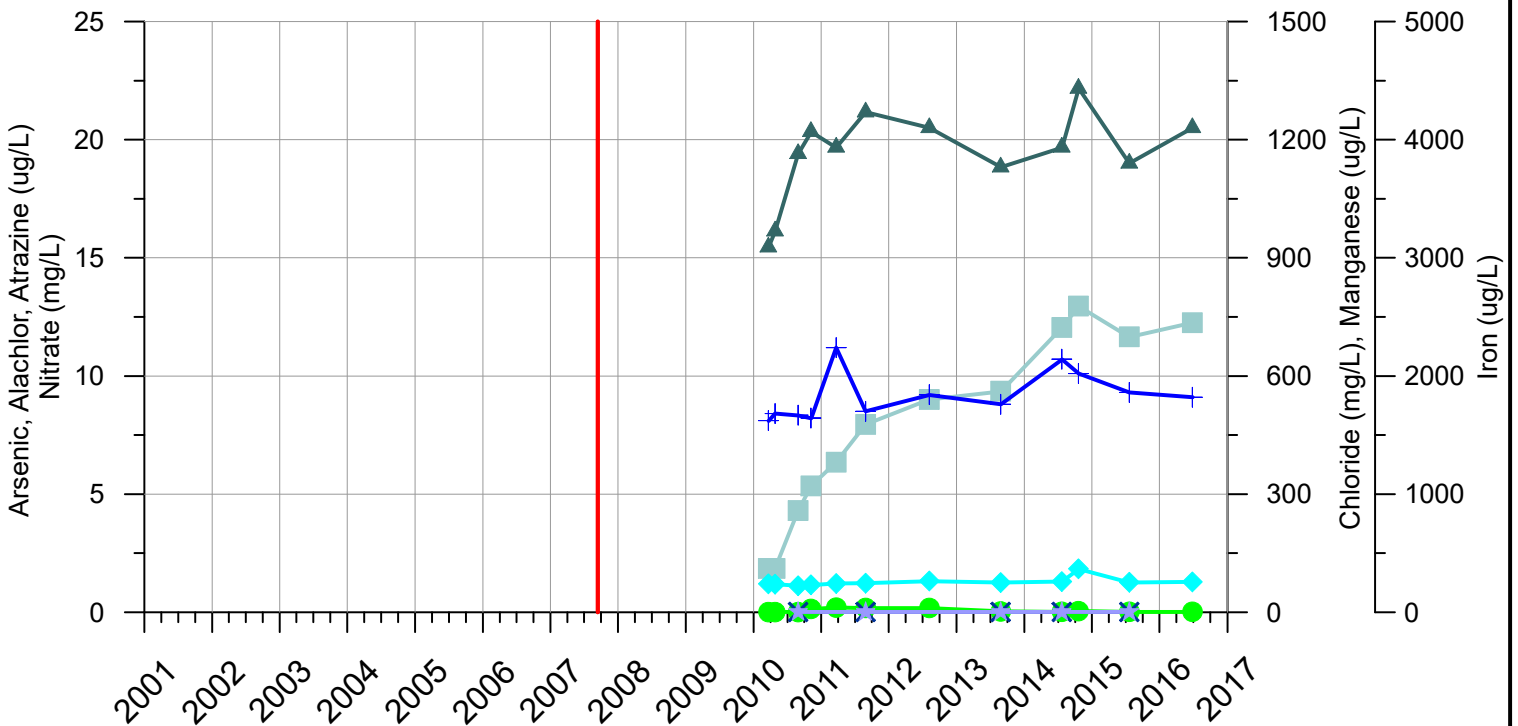
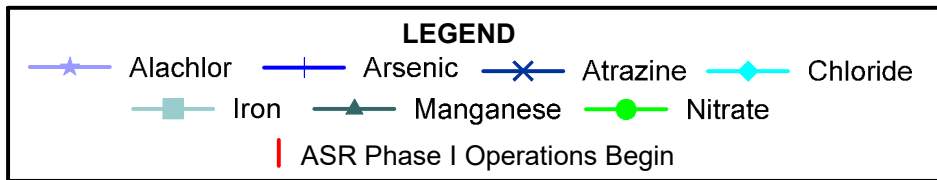
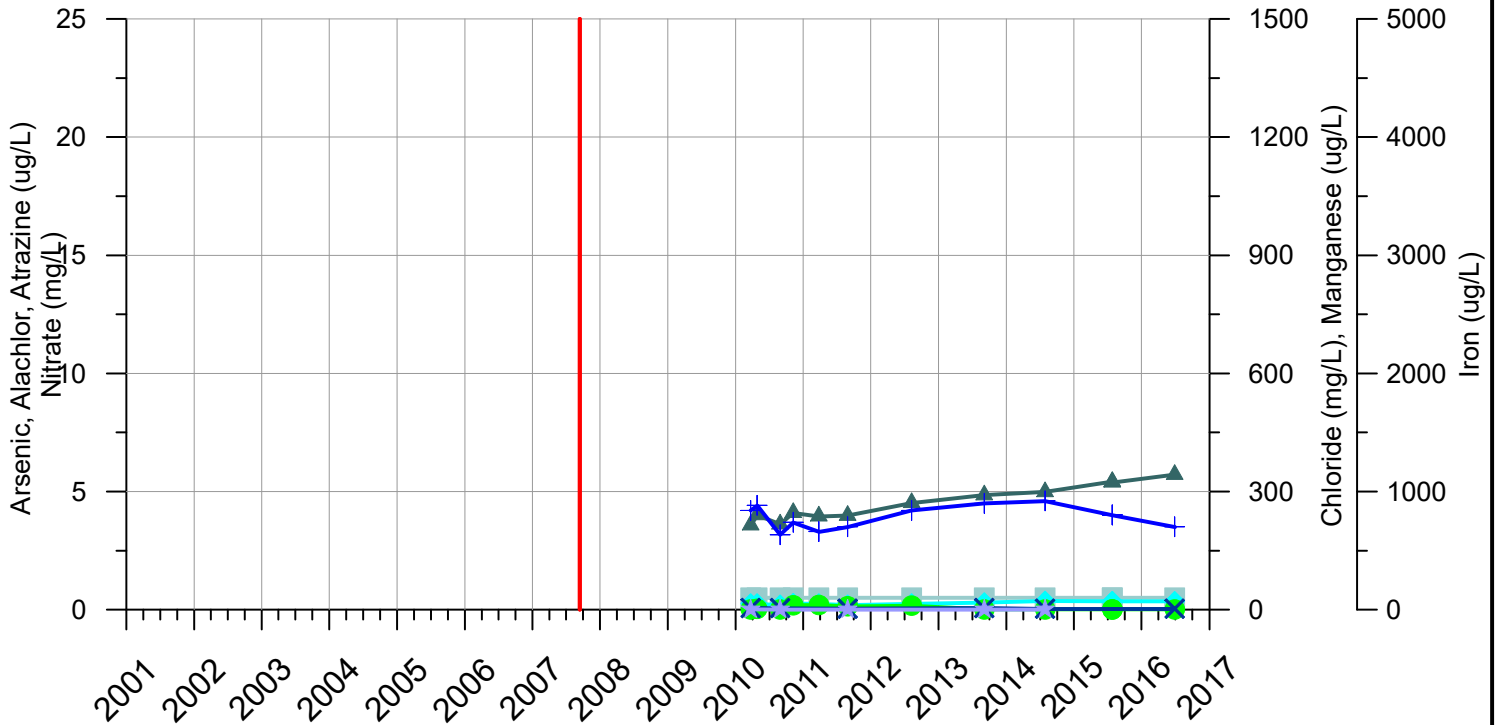


Figure E.21
INDEX WELL WATER QUALITY
CMW-03C & CMW-04C
2001 THROUGH 2016

CMW-05C



CMW-06C

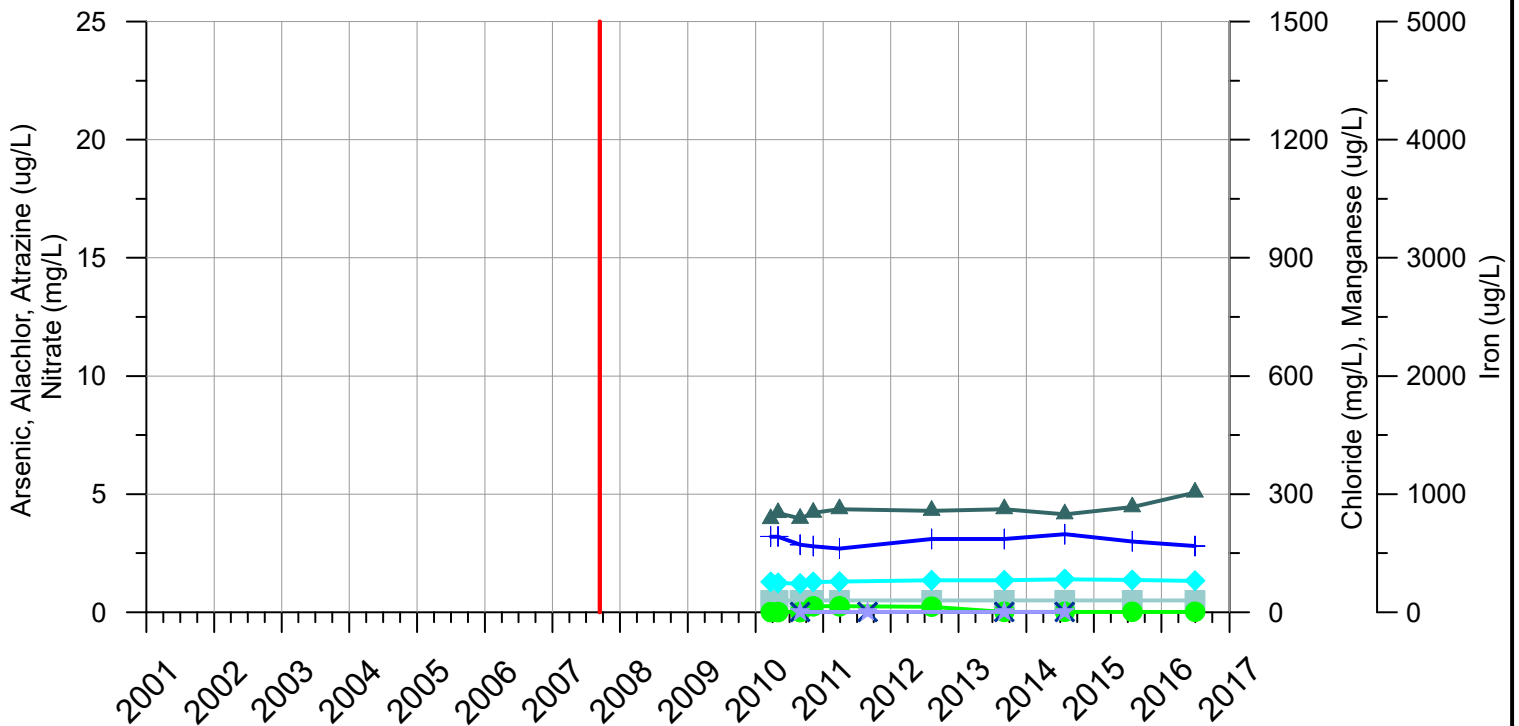


Figure E.22
INDEX WELL WATER QUALITY
CMW-05C & CMW-06C
2001 THROUGH 2016

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	11/19/01	1050	3.33	1465.27						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	11/19/01	1051			< 1	11	2.04	56.6	< 5	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/27/02	945	3.07	1465.53					< 0.007	< 0.0045
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/27/02	946			< 1	10	0.71	94.3	< 5	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/27/02	948							< 0.05	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/27/02	955								
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	02/11/03	1035	3.85	1470.12						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	02/11/03	1036			< 1	11	1	90.1	< 5	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/19/03	910	2.28	1471.69					< 0.007	< 0.0045
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/19/03	911			< 1	5	1.45	81	< 5	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/19/03	915	2.28	1471.69						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	01/13/04	1055	2.71	1471.26						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	01/13/04	1056			< 1	6		87.3	< 5	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	07/01/04	915	1.69	1472.28						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	07/01/04	916			< 1	7.1	1.18	80	< 5	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/28/05	1110	2.26	1471.71						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/28/05	1111			< 1	< 5	0.08	58	< 5	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	05/19/06	1020	4.05	1469.92					< 0.05	< 0.05
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	05/19/06	1021			< 1	< 5	0.76	82	< 50	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/19/07	1010	1.42	1472.55					< 0.007	< 0.005
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/19/07	1011			< 1	< 5	1.05	81	< 100	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/19/07	1015	1.42	1472.55						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/09/08	945	1.43	1472.54						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/09/08	946			< 1	< 5	1.43	72	< 100	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/03/09	1045	1.63	1472.34						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/03/09	1046			< 1	5	1.88	60	< 100	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/03/10	1015	2.33	147.64						
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/03/10	1016			0.222	< 5	0.6	88	< 100	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/03/10	1017							< 0.025	< 0.02
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/06/11	950	3.68	1470.29					< 0.008	< 0.008
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	06/06/11	951			0.5	< 0.5	0.84	87	< 100	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	08/06/14	930	3.48	1470.49					< 0.008	< 0.008
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	08/06/14	931			< 0.5	5.7	1.52	74	< 100	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	07/28/15	930	3.25	1470.72					< 0.008	< 0.008
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	07/28/15	931			< 0.5	5.2	1.59	62	< 100	
380421097385001	23S 03W 03CCCC01	IW-01A SHALLOW	07/26/16	1001	2.75	1471.22	< 0.5	< 5	1.6	51	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	11/15/01	1040	7.08	1440.87							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	11/15/01	1041			< 1	14	1.05	22.2	< 5		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/10/02	940	7.57	1440.38						< 0.007	< 0.0045
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/10/02	941			< 1	6	0.66	6.98	< 5		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/10/02	945									
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	02/10/03	1040	9.15	1435.23							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	02/10/03	1041			< 1	10	0.73	< 5	< 5		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/18/03	935	4.94	1444.44						< 0.007	< 0.0045
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/18/03	936			< 1	6	0.96	< 5	< 5		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/18/03	940	4.94	1444.44							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	01/14/04	1015	6.81	1442.57							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	01/14/04	1016			< 1	5		4	< 5		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/23/04	920	5.20	1444.18							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/23/04	921			< 1	5.2	0.9	3	< 5		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/30/05	930	3.61	1445.77							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/30/05	931			< 1	7.4	0.93	2	< 5		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	04/27/06	1050	8.46	1440.92							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	04/27/06	1051			< 1	< 5	0.88	< 5	< 50		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	09/13/06	1030	12.24	1437.14						< 0.007	< 0.005
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	09/13/06	1031			< 1	5.7	0.94	< 5	< 50		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	09/13/06	1035	12.24	1437.14							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	11/16/06	1020	12.98	1436.40							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	11/16/06	1021			< 1	< 5	1.08	< 5	< 50		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	03/05/07	1020	13.69	1435.69							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	03/05/07	1021			< 1	5.5	1.35	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	05/21/07	1040	6.47	1442.91							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	05/21/07	1041			< 1	5	3.78	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/19/07	1010	4.85	1444.53						< 0.007	< 0.005
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/19/07	1011			< 1	6	4.19	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/19/07	1015	4.85	1444.53							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	08/30/07	1025	9.38	1440.00							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	08/30/07	1026			< 1	5.5	4.15	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	02/20/08	1000	10.17	1439.21							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	02/20/08	1001			< 1	6.2	3.14	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/10/08	1010	6.95	1442.43						< 0.05	< 0.05
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/10/08	1011			< 1	< 5	3.07	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	08/12/08	1040	8.44	1440.94							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	08/12/08	1041			< 1	13.4	3.64	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/04/09	1010	6.65	1442.73							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/04/09	1011			< 1	18.5	2.95	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/03/10	1040	8.87	1440.51							
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/03/10	1041			< 0.1	15.3	1.63	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/06/11	925	11.07	1438.31						< 0.008	< 0.008
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/06/11	926			0.3	10	1.38	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/02/14	1030	10.42	1438.96						< 0.008	< 0.008
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	06/02/14	1031			< 0.5	11	2.22	< 5	< 100		
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	08/05/14	925	9.89	1439.49						< 0.008	< 0.008
380329097363701	23S 03W 12CCCC01 IW-02A SHALLOW	08/05/14	926			< 0.5	11	2.25	< 5	< 100		
380328097342501	23S 03W 12CCCC01 IW-02A SHALLOW	08/12/15	941			4.5	10	< 0.02	1490	2640		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	11/05/01	1100	11.27	1395.08						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	11/05/01	1101			1.31	28	< 0.01	953	3040	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/26/02	950	8.43	1397.92					< 0.007	< 0.0045
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/26/02	951			2.5	18	< 0.01	1170	2270	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/26/02	952							< 0.05	< 0.05
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/26/02	953							< 0.05	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/26/02	955								
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	02/12/03	1010	12.09	1395.10						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	02/12/03	1011			2.15	20	0.02	1170	2090	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/18/03	910	6.06	1401.13						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/18/03	911			3.31	20	0.01	1190	2340	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	01/21/04	1220	10.17	1397.02						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	01/21/04	1221			4.77	20		1390	2130	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/09/04	900	9.85	1397.34					< 0.007	< 0.005
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/09/04	901			4.56	17	< 0.01	1487	2653	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/09/04	905	9.85	1397.34						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	07/07/05	1055	5.91	1401.28						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	07/07/05	1056			3.02	7.3	0.07	1304	2358	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/15/06	1010	14.70	1392.49						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/15/06	1011			3.47	22.6	0.24	1332	2230	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/12/07	1010	5.44	1401.75						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/12/07	1011			3.8	< 5	< 0.01	1271	2050	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/10/08	935	6.32	1400.87					< 0.007	< 0.006
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/10/08	936			4.3	< 5	< 0.001	1158	2060	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/10/08	940	6.32	1400.87						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/04/09	955	5.30	1401.89						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/04/09	956			2.8	7	< 0.01	1246	2480	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/22/10	955	6.81	1400.38						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/22/10	956			3.97	< 5	< 0.01	1307	2420	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/22/10	957							< 0.025	< 0.02
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/01/11	940	10.35	1396.84						
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	06/01/11	941			3.2	6.3	0.26	1170	2530	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	08/06/14	935	13.89	1393.30					< 0.008	< 0.008
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	08/06/14	936			5.5	9.2	< 0.02	1410	2480	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	08/12/15	941	10.58	1396.61	4.5	10	< 0.02	1490	2640	
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	07/20/16	1010	7.02	1400.17					< 0.008	< 0.008
380328097342501	23S 02W 17BBBB01	IW-03A SHALLOW	07/20/16	1011			4.9	9.4	< 0.02	1630	2770	

Station ID	Name		Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
							ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	11/20/01	1100	10.36	1432.46							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	11/20/01	1101			55	56	< 0.01	1390	34500		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/11/02	1030	11.23	1431.59						0.302	< 0.0045
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/11/02	1031			37.4	61	0.02	1250	31100		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/11/02	1035									
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	02/14/03	1205	13.54	1428.19							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	02/14/03	1206			2.87	53	0.02	724	369		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/20/03	1300	10.20	1431.53						0.07	< 0.05
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/20/03	1301			3.54	53	1.65	104	16		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/20/03	1305	10.20	1431.53							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	01/20/04	1235	13.50	1428.23							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	01/20/04	1236			2.81	66		98.8	9.2		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/09/04	1145	12.14	1429.59						0.091	< 0.005
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/09/04	1146			4.33	62	0.61	235	6		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/09/04	1147								0.08	< 0.05
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/09/04	1150	12.14	1429.59							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/07/05	1005	7.95	1433.78						1.2	< 0.05
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/07/05	1006			14.1	53.2	0.03	309	2805		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/07/05	1011									
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/01/06	1115	12.27	1429.46							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/01/06	1116			18	72.4	0.2	827	19330		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/21/07	1215	8.12	1433.61						1.37	< 0.05
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/21/07	1216			6.7	21.4	< 0.01	262	0.3		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/11/08	1000	8.30	1433.43						0.231	< 0.006
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/11/08	1001			8.5	42.4	0.4	297	870		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/11/08	1005	8.30	1433.43							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/09/09	950	5.42	1436.31						0.08	< 0.05
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/09/09	951			15	41.1	0.19	580	3270		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/28/10	1010	7.32	1434.41						0.57	
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/28/10	1011			25.5	39.3	< 0.01	498	9910		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/28/10	1012									< 0.02
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/01/11	941			19.9	89	0.25	1000	30800		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	06/01/11	945	10.81	1430.92							
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	08/12/14	930	11.40	1430.33						0.276	< 0.008
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	08/12/14	931			17.4	57	0.03	668	4950		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	08/12/14	935			15.2	58.2	< 0.037	614	4580		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/29/15	936	10.02	1431.71	2.1	28	0.23	18	100		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/29/15	940			2	30	0.236	16.7	206		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/20/16	1000	7.12	1434.61						E 2.28	< 0.008
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/20/16	1001			6.5	18	< 0.02	269	< 100		
380130097385001	23S 03W 27BCBB01	IW-04A SHALLOW	07/20/16	1005			6.4	18.8	< 0.04	236	42		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	11/06/01	1030	26.78	1411.47							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	11/06/01	1031			1.12	34	0.12	289	61		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/10/02	945	25.70	1412.55						E 0.0053	< 0.0045
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/10/02	946			< 1	39	3.52	217	155		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/10/02	950									
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	02/13/03	955	27.78	1414.76							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	02/13/03	956			< 1	42	6.54	122	21.9		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/20/03	905	26.79	1415.75							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/20/03	906			< 1	47	6.61	263	51.4		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	02/17/04	1105	27.39	1415.15							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	02/17/04	1106			< 1	41	4.15	217.9	137.7		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	07/19/04	940	39.06	1403.48							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	07/19/04	941			< 1	54	5.49	126	11		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	07/15/05	925	31.87	1410.67							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	07/15/05	926			< 1	41.2	1.98	301	260		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	07/05/06	1010	36.47	1406.07						0.0113	E 0.0043
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	07/05/06	1011			< 1	52.3	5.51	223	70		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	07/05/06	1015	36.47	1406.07							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/14/07	1025	23.73	1418.81							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/14/07	1026			< 1	48.1	4.66	205	< 100		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/17/08	1010	25.15	1417.39							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/17/08	1011			< 1	44.7	4.14	235	< 100		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/08/09	1055	22.18	1420.36							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/08/09	1056			3.9	60	5.73	791	1200		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/29/10	1010	31.31	1411.23						0.0123	< 0.008
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/29/10	1011			1.16	63.4	4.47	163	< 100		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/29/10	1015	31.31	1411.23							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/02/11	940	24.94	1417.60							
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	06/02/11	941			1.1	84	7.66	298	< 100		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	10/20/14	945	28.72	1413.82						0.01	< 0.008
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	10/20/14	946			0.7	81	5.06	164	< 100		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	08/20/15	921	34.38	1408.16	1.1	99	8.15	99	< 100		
380144097371101	23S 03W 23DCCC01 IW-05A SHALLOW	10/17/16	1051	19.92	1422.62	1	99	10.8	110	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor	
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³	
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	11/06/01	1145	32.94	1398.16							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	11/06/01	1146									
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/24/02	1005	29.83	1401.27	< 2	41.6	22.87	17.823	< 10	0.0508	< 0.0045
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/24/02	1006			< 1	40	21.8	16.8	< 5		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/24/02	1007								0.05	< 0.05
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/24/02	1009								0.07	
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/24/02	1010									
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/24/02	1015									
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	02/20/03	1025	32.65	1399.55							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	02/20/03	1026				40	21.2	11.1	< 5		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/23/03	920	36.52	1395.68						0.0591	< 0.0045
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/23/03	921			< 1	59	23.01	16.9	< 5		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/23/03	925	36.52	1395.68							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	02/18/04	1025	30.04	1402.16						0.16	< 0.05
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	02/18/04	1026			< 1	43	21.3	6.5	< 5		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/17/04	930	35.36	1396.84						0.13	< 0.05
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/17/04	931			< 1	51	18.3	9	< 5		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/17/04	935	35.36	1396.84							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/19/04	1330	42.71	1389.49							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/14/05	1125	43.91	1388.29							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/14/05	1126			< 1	52.7	17.2	16	< 5		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/14/05	1131									
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/14/06	1020	46.38	1385.80						0.16	< 0.05
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/14/06	1021			10.5	45.5	22.01	11	< 50		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/20/07	1015	30.09	1402.11						0.136	< 0.005
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/20/07	1016			< 1	45.1	20	< 5	< 100		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/20/07	1017								0.08	< 0.05
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/20/07	1020	30.09	1402.11							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/18/08	1010	31.00	1401.20						0.1	< 0.05
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/18/08	1011			< 1	67.3	14.21	8	< 100		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/15/09	1015	27.84	1404.36						0.08	< 0.05
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/15/09	1016			< 1	44	18.4	< 5	< 100		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/20/10	1000	39.71	1392.49							
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	07/20/10	1001			1.51	51.3	20.3	6	< 100		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/08/11	1025	28.16	1404.40						0.062	< 0.008
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	06/08/11	1026			1.6	44	21.7	< 5	< 100		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	10/28/14	915	30.15	1402.41						0.027	< 0.008
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	10/28/14	916			1.4	61	17.1	< 5	< 100		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	08/19/15	935	36.47	1396.09						0.02	< 0.008
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	08/19/15	936			1.5	40	16	< 5	< 100		
380143097344201	23S 02W 30AAAB01	IW-06A SHALLOW	10/18/16	1021	22.78	1409.78	1.5	44	14.4	< 5	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	03/20/02	1045	43.42	1380.88						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	03/20/02	1046			9.97	11	< 0.01	363	120	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/11/02	905	42.12	1382.18					< 0.007	< 0.0045
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/11/02	906			11.1	8	0.01	369	170	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/11/02	910								
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	02/19/03	1035	45.07	1381.60						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	02/19/03	1036			9.78	10	< 0.01	356	94.3	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/24/03	855	49.27	1377.40						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/24/03	856			9.5	8	0.03	352	73.9	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	02/11/04	950	43.78	1382.89						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	02/11/04	951			13.9	7	0.08	346.9	83.6	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/24/04	915	44.99	1381.68						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/24/04	916			14.4	8	< 0.01	346	92	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/24/04	917							< 0.05	< 0.05
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/24/04	920	44.99	1381.68						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	07/08/05	910	49.47	1377.20						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	07/08/05	911			11.7	8.8	0.06	326	37	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/01/06	1010	47.78	1378.89						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/01/06	1011			16.4	8.3	0.11	347	180	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/13/07	1225	41.07	1385.60						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/13/07	1226			16	5	< 0.01	336	230	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/11/08	935	43.96	1382.71					< 0.007	< 0.006
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/11/08	936			16	< 5	< 0.01	310	230	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/11/08	940	43.96	1382.71						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/08/09	1020	40.94	1385.73						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/08/09	1021			12	5.7	< 0.01	358	140	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/28/10	1000	46.38	1380.29						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/28/10	1001			15.5	5.4	< 0.01	294	< 100	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/02/11	930	40.75	1385.92						
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	06/02/11	931			17.8	7	0.14	369	261	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	08/12/14	920	53.24	1373.43					< 0.008	< 0.008
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	08/12/14	921			10.7	9.7	0.03	42	< 100	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	08/26/15	926	46.65	1380.02					< 100	
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	08/01/16	1000	48.80	1377.87					< 0.008	< 0.008
380051097330901	23S 02W 28CCDC01	IW-07A SHALLOW	08/01/16	1001			11.1	8.4	0.02	129	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	11/07/01	1050	13.30	1424.65							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	11/07/01	1051			< 1	137	6.22	114	92.8		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/25/02	950	13.18	1424.77						0.028	< 0.0045
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/25/02	951			< 1	147	6.15	60.2	153		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/25/02	952								< 0.05	< 0.05
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/25/02	953								< 0.05	
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/25/02	955									
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	02/13/03	1035	14.03	1424.38							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	02/13/03	1036			< 1	154	3.87	84.6	170		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/19/03	850	13.84	1425.57						E 0.0067	< 0.0045
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/19/03	851			< 1	148	2.26	106	267		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/19/03	852									< 0.02
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/19/03	855	13.84	1425.57							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	01/21/04	1040	15.23	1424.18							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	01/21/04	1041			1.12	145		114	247		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/07/04	855	14.41	1425.00							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/07/04	856			< 1	152	2.99	97	265		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/18/05	1210	13.48	1425.93							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/18/05	1211			< 1	136	5.33	29	32		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/29/06	1000	13.77	1425.64							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/29/06	1001			< 1	154	3.79	61	200		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/26/07	1040	14.50	1424.91						E 0.0052	< 0.005
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/26/07	1041			< 1	161.3	1.89	85	290		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/26/07	1045	14.50	1424.91							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/26/07	1050	14.50	1424.91	0.78	160.746	1.938	89.67	294		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/08/08	950	12.18	1427.23						0.98	< 0.05
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/08/08	951			< 1	164.7	1.78	82	290		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/11/09	1040	10.86	1428.55							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/11/09	1041			< 1	185.5	2.1	66	280		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/19/10	1030	10.46	1428.95							
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/19/10	1031			2.02	193.8	3.46	33	< 100		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/14/11	915	11.58	1427.83						0.011	< 0.008
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	06/14/11	916			2.5	210	2.94	48	187		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	08/13/14	915	15.09	1424.32						0.005	< 0.008
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	08/13/14	916			1.4	200	1.48	105	260		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	08/13/14	920			0.6	185	1.57	106	256		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	08/26/15	935	14.87	1424.54						0.006	< 0.008
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	08/26/15	936			1.5	210	1.46	111	280		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	08/26/15	940			0.61	197	1.47	113	270		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/27/16	1006	12.58	1426.83	1.7	210	2.74	81	170		
380016097384901	23S 03W 34CBCB01 IW-08A SHALLOW	07/27/16	1010			0.62	215	2.94	82.5	161		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	03/19/02	1100	15.97	1412.03						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	03/19/02	1101			< 1	16	10.8	98.4	< 5	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/20/02	935	15.86	1412.14					0.011	< 0.0045
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/20/02	936			< 1	16	13.2	115	< 5	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/20/02	940								
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	02/14/03	1035	18.07	1413.53						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	02/14/03	1036			< 1	16	< 0.01	246	6	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/25/03	855	17.26	1414.34					0.009	< 0.0045
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/25/03	856			< 1	19	6.29	364	< 5	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/25/03	900	17.26	1414.34						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	02/10/04	1030	18.50	1413.10						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	02/10/04	1031			< 1	16	9	297.6	< 5	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/25/04	925	17.65	1413.95						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/25/04	926			1.23	15	6.96	326	< 5	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	07/11/05	1200	16.25	1415.35						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	07/11/05	1201			< 1	10.5	5.06	359	< 5	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/14/06	1045	16.91	1414.69						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/14/06	1046			< 1	20.6	11.4	172	< 50	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/20/07	1020	17.45	1414.15					0.0138	< 0.005
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/20/07	1021			< 1	11	5.62	26	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/20/07	1025	17.45	1414.15						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/12/08	940	14.86	1416.74						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/12/08	941			< 1	< 5	8.42	426	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	02/10/09	955	14.43	1417.17						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	02/10/09	956			< 1	15.9	6.53	339	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	04/02/09	1055	14.25	1417.35						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	04/02/09	1056			< 1	18.2	5.34	259	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	04/22/09	1020	14.00	1417.60						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	04/22/09	1021			< 1	17.8	5.36	255	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/10/09	955	12.98	1418.62						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/10/09	956			< 1	10.7	3.83	376	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	07/14/09	1020	13.96	1417.64						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	07/14/09	1021			< 1	11.6	3.74	345	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	08/19/09	1000	14.69	1416.91						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	08/19/09	1001			< 1	14.2	4.55	321	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	11/17/09	1005	14.17	1417.43						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	11/17/09	1006			< 1	20.8	4.36	295	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	03/09/10	1010	13.69	1417.91						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	03/09/10	1011			2.72	19.2	5.34	229	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/24/10	1005	13.27	1418.33						
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/24/10	1006			1.95	12.5	3.68	313	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/08/11	920	13.59	1418.01					0.014	< 0.008
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	06/08/11	921			2.3	27	5.98	175	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	08/13/14	900	17.18	1414.42					0.008	< 0.008
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	08/13/14	901			1.9	14	2.05	282	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	08/04/15	910	16.07	1415.53					0.008	< 0.008
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	08/04/15	911			2.3	13	1.95	201	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	08/13/15	921	16.24	1415.36	2.2	12	1.77	311	< 100	
375958097363801	24S 03W 02AAAA01	IW-09A SHALLOW	07/27/16	946	13.42	1418.18	2.1	11	1.59	302	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	03/22/02	1020	34.66	1397.49							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	03/22/02	1021			< 1	39	3.73	< 5	< 5		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/20/02	950	34.09	1398.06						0.22	< 0.0045
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/20/02	951			< 1	50	4.5	< 5	6.84		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/20/02	955									
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	02/21/03	955	36.60	1395.45							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	02/21/03	956			1.08	51	5.28	< 5	17.5		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/26/03	930	36.75	1395.30							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/26/03	931			< 1	55	5.29	< 5	< 5		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	02/17/04	1035	38.20	1393.85						0.21	< 0.05
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	02/17/04	1036			< 1	57	7.48	< 1	6.1		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/15/04	925	36.92	1395.13						0.27	< 0.05
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/15/04	926			< 1	61	6.73	< 1	< 5		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/21/05	1020	37.50	1394.55							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/21/05	1021			< 1	53	8.46	< 4	9		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/19/06	1005	38.10	1394.00						0.125	< 0.005
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/19/06	1006			< 1	60.4	9	< 5	< 50		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/19/06	1010	38.10	1394.00							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/14/07	1010	36.30	1395.75							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/14/07	1011			< 1	58.6	8.5	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/23/08	1005	34.17	1397.88						0.11	< 0.05
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/23/08	1006			< 1	63.1	7.88	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/29/09	1010	33.16	1398.89						0.08	< 0.05
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/29/09	1011			< 1	67.6	9.53	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/12/10	945	32.68	1399.37						0.0916	< 0.008
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/12/10	946			0.907	75.3	10.15	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/12/10	948								0.1	
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/12/10	949									< 0.02
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	07/12/10	950	32.68	1399.37							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/31/10	940	35.91	1396.14						0.0788	< 0.008
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/31/10	941			0.954	75.6	10.53	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/31/10	942								0.11	
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/31/10	945	35.91	1396.14							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/09/11	1010	30.13	1401.92							
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	06/09/11	1011			1.1	80	9.99	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/25/14	920	37.49	1394.56						0.036	< 0.008
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/25/14	921			0.8	97	9.52	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/25/14	925								0.034	< 0.008
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/25/14	926			0.9	95	9.57	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	09/10/15	931	33.05	1399.00	0.9	95	9.27	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	09/10/15	936			1	95	9.48	< 5	< 100		
375959097344201	23S 02W 31DDCC01 IW-10A SHALLOW	08/22/16	1001	31.19	1400.86	1	92	9.96	< 5	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
							ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	11/20/01	1000	36.98	1375.12							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	11/20/01	1001			11.6	11	0.28	244	369		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/26/02	915	36.03	1376.07						< 0.007	< 0.0045
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/26/02	916			12.3	19	0.02	317	1270		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/26/02	920									
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	02/21/03	955	36.36	1379.54							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	02/21/03	956			11.4	10	< 0.01	321	655		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/25/03	910	40.70	1375.18							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/25/03	911			10.8	8	0.15	309	891		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	02/24/04	955	37.62	1378.28							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	02/24/04	956			14.1	6	< 0.01	298.5	724.4		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/14/04	930	39.91	1375.99							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/14/04	931			12.9	7	< 0.01	313	1000		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/19/05	925	41.72	1374.18						< 0.007	< 0.005
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/19/05	926			10.4	6	0.1	327	623		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/19/05	930	41.72	1374.18							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/27/06	1015	39.41	1376.49						< 0.05	< 0.05
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/27/06	1016			12	8.1	0.65	332	770		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/18/07	1055	33.87	1382.03							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/18/07	1056			12	< 5	< 0.01	290	970		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/18/07	1100	33.87	1382.03	11.37	6.082	< 0.06	289	998.6		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/01/08	1300	35.70	1380.20							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/01/08	1301			11	5.4	< 0.01	325	940		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/15/09	950	39.28	1376.62						< 0.007	< 0.008
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/15/09	951			13	5.5	< 0.01	328	680		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/15/09	955	39.28	1376.62							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/30/10	950	36.64	1379.26							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/30/10	951			14.35	< 5	< 0.01	311	850		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/07/11	925	34.73	1381.17							
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	06/07/11	926			14.2	6.3	0.17	314	568		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	08/19/14	920	39.13	1376.77						< 0.008	< 0.008
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	08/19/14	921			11.3	9.2	< 0.02	328	870		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	08/13/15	921	35.49	1380.41	11.5	8.2	< 0.02	350	950		
375932097321301	24S 02W 03CBBB01	IW-11A-2 SHALLOW	07/28/16	926	36.57	1379.33	11.3	8.1	< 0.02	353	1070		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor	
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³	
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	11/16/01	1040	19.29	1368.01							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	11/16/01	1041			28.7	19	0.14	286	36.7		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/08/02	940	19.30	1368.00		6.3	E 0.292	22.347	69.91501	0.0642	0.007
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/08/02	941			4.82	7	0.33	25.3	76.5		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/08/02	942									< 0.05
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/08/02	943								0.06	
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/08/02	944								< 0.05	
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/08/02	945									
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	03/04/03	1005	19.69	1367.52							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	03/04/03	1006			6.29	32	0.05	376	68.2		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/26/03	900	18.81	1368.40						0.0448	< 0.0045
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/26/03	901			3.94	8	0.23	14.2	40.4		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/26/03	902									< 0.02
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/26/03	905	18.51	1368.40							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	02/09/04	1105	19.70	1367.51							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	02/09/04	1106			5.42	24	0.14	82.2	11		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	02/23/04	1015	19.50	1367.71							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	02/23/04	1016			6.26	36	0.3	275	18.7		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/06/04	920	17.64	1369.57							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/06/04	921			4.96	19	0.14	31	44		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/12/05	1215	16.31	1370.90							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/12/05	1216			4.61	10.4	0.48	4	24		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/28/06	1025	19.42	1367.79							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/28/06	1026			4.93	10.4	0.13	9	< 50		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/27/07	1010	16.19	1371.02						0.0094	< 0.005
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/27/07	1011			5.1	< 5	0.33	6	< 100		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/27/07	1015	16.19	1371.02							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/12/08	930	17.14	1370.07						0.45	< 0.05
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/12/08	931			6	< 5	0.69	< 5	< 100		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/15/09	1020	14.86	1372.35						< 0.05	< 0.05
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/15/09	1021			4	6	0.9	< 5	< 100		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/29/10	1035	16.27	1370.94							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/29/10	1036			8.66	5.9	< 0.01	10	< 100		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/14/11	925	19.54	1367.67						0.006	< 0.008
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	06/14/11	926			7	11	0.72	< 5	< 100		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	08/19/14	930	19.06	1368.15						0.321	< 0.008
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	08/19/14	931			5.4	8.2	0.94	< 5	< 100		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	08/11/15	925	17.31	1369.90						E 0.025	< 0.008
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	08/11/15	926			5.1	7.5	0.91	< 5	< 100		
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW	07/28/16	936	15.45	1371.76							
375958097300001	24S 02W 01BBBB01	IW-12A SHALLOW					5.1	7	0.48	< 5	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	12/05/01	1100	11.88	1421.12						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	12/05/01	1101			5.07	123	0.02	191	1600	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/27/02	905	11.78	1421.22	6.851268	127.82	< 0.05	162.464	1941.724	E 0.0049
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/27/02	906			6.36	132	0.03	171	2130	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/27/02	907								
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/27/02	910								
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	03/06/03	1000	12.75	1423.26						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	03/06/03	1001			6.35	126	< 0.01	170	2270	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/27/03	935	11.78	1424.50						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/27/03	936			6.33	143	< 0.01	160	2190	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	02/24/04	1000	13.00	1423.28						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	02/24/04	1001			7.77	114	< 0.01	154.2	2209	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/08/04	915	11.13	1425.15						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/08/04	916			8.22	155	< 0.01	153	2167	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	08/01/05	1145	10.61	1425.67						E 0.0048
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	08/01/05	1146			6.47	128	0.03	168	2490	< 0.005
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	08/01/05	1150	10.61	1425.67						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/29/06	1030	11.59	1424.69						< 0.05
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/29/06	1031			6.54	135	< 0.01	161	2270	< 0.05
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/25/07	1015	10.07	1426.21						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/25/07	1016			6.3	118.6	< 0.01	154	2140	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/23/08	1000	8.23	1428.05						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	06/23/08	1001			3.8	115.3	< 0.01	141	2210	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/27/09	1015	9.11	1427.17						< 0.007
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/27/09	1016			6.1	20.7	< 0.01	144	2190	< 0.008
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/27/09	1017								< 0.05
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/27/09	1020	9.11	1427.17						< 0.05
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/14/10	915	6.22	1430.06						
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	07/14/10	916			6.72	102.9	< 0.01	154	2210	
375815097385002	24S 03W 09DDDD02	IW-13A SHALLOW	06/09/11	955	10.09	1426.19						
375815097385003	24S 03W 09DDDD03	IW-13A SHALLOW	06/09/11	956			7.3	110	0.26	147	2270	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	08/20/14	905	11.24	1425.04						< 0.008
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	08/20/14	906			6.2	91	< 0.02	121	1930	< 0.008
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	10/21/14	906	11.86	1424.42	6.4	89	< 0.02	132	2070	
375815097385001	24S 03W 09DDDD01	IW-13A SHALLOW	08/24/16	951	7.77	1428.51	6.4	90	< 0.02	143	2070	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	12/06/01	1020	14.31	1406.49							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	12/06/01	1021			2.96	53	0.01	192	8150		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/25/02	910	14.54	1406.26						E 0.0045	< 0.0045
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/25/02	911			4.76	81	< 0.01	313	8440		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/25/02	915									
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	03/04/03	1025	16.20	1406.27							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	03/04/03	1026			3.16	59	< 0.01	162	5320		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/27/03	905	15.70	1406.77							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/27/03	906			3.17	74	< 0.01	166	5310		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	02/23/04	1030	16.61	1405.86							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	02/23/04	1031			8.12	118	< 0.01	347.2	3111.3		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/22/04	840	15.43	1407.04							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/22/04	841			4.52	58	< 0.01	136	3514		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/19/05	1120	13.97	1408.50						E 0.0064	< 0.005
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/19/05	1121			3.96	43	< 0.01	131	2440		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/26/05	1115	14.10	1408.37							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/26/05	1116			4.55	45	< 0.01	136	2870		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/13/06	1035	14.75	1407.72						0.05	< 0.05
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/13/06	1036			6.67	58.8	< 0.01	196	3690		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/21/07	1015	12.85	1409.62							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/21/07	1016			2	29.6	< 0.01	84	1390		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/01/08	955	11.67	1410.80							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/01/08	956			< 1	17.6	< 0.01	46	620		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/15/09	1015	10.63	1411.84						0.314	0.0098
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/15/09	1016			< 1	8	< 0.01	22	310		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/15/09	1017								0.22	< 0.05
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/15/09	1020	10.63	1411.84							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/12/10	940	5.69	1416.78							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	07/12/10	941			1.28	11.1	< 0.01	23	240		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/16/11	955	10.87	1411.60							
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	06/16/11	956			7.1	46	0.19	287	2980		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	08/20/14	905	12.17	1410.30						0.042	< 0.008
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	08/20/14	906			2.2	36	< 0.02	138	650		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	10/21/14	931	12.68	1409.79	2.5	49	0.02	409	1330		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	09/09/15	941	11.24	1411.23	2.7	42	< 0.02	285	1550		
375748097363801	24S 03W 14ADDD01 IW-14A SHALLOW	08/30/16	941	5.11	1417.36	1.2	6.5	0.04	10	120		

Station ID	Name		Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
							ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	12/07/01	1035	30.12	1388.08							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	12/07/01	1036			11.9	77	< 0.01	994	6440		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/01/02	1010	30.60	1387.60						0.0221	< 0.0045
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/01/02	1011			14.1	102	0.02	907	6780		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/01/02	1015									
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	03/07/03	1005	31.49	1388.65							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	03/07/03	1006			14.3	68	< 0.01	1000	7530		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/30/03	930	32.09	1388.05							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/30/03	931			12.9	72	< 0.01	952	7050		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/30/03	935	32.09	1388.05							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	02/18/04	1040	31.95	1388.19							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	02/18/04	1041			16.3	63	< 0.01	871.7	6721.3		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/19/04	1050	32.81	1387.33							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/19/04	1051				66	< 0.01	940	6677		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/20/05	1050	32.12	1388.02							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/20/05	1051			15.1	61	< 0.01	1035	8197		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/20/05	1056									
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/11/06	1010	30.77	1389.37						E 0.006	< 0.005
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/11/06	1011			16.8	56.1	0.14	1016	7520		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/11/06	1015	30.77	1389.37							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/02/07	1025	30.46	1389.68							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/02/07	1026			15	41.1	< 0.01	1027	7710		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/26/08	935	29.12	1391.02							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/26/08	936			14	< 5	< 0.01	1038	8050		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/30/09	1000	28.05	1392.09							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/30/09	1001			13	35.2	< 0.01	1084	8150		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/13/10	940	26.16	1393.98						E 0.0057	< 0.008
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/13/10	941			17	25.9	< 0.01	1126	8170		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	07/13/10	945	26.16	1393.98							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/15/11	930	25.91	1394.23							
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	06/15/11	931			18.8	40	0.14	1070	7620		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	08/27/14	920	28.81	1391.33						< 0.008	< 0.008
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	08/27/14	921			15.7	52	0.1	972	7470		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	09/15/15	926	25.99	1394.15	13.6	42	< 0.02	1030	7980		
375814097342701	24S 02W 18AAAA01	IW-15A SHALLOW	08/22/16	951	23.67	1396.47	14.2	42	< 0.02	1120	8640		

Station ID	Name		Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
							ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	12/17/01	1035	22.28	1378.52							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	12/17/01	1036			4.91	17	0.01	727	7540		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/02/02	930	23.48	1377.32						< 0.007	< 0.0045
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/02/02	931			4.71	16	< 0.01	698	7910		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/02/02	935									
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	03/07/03	1010	24.11	1378.87							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	03/07/03	1011			4.32	16	< 0.01	737	8260		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/30/03	945	25.87	1377.11							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/30/03	946			4.13	15	0.01	706	7860		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/30/03	950	25.87	1377.11							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	02/25/04	1000	23.75	1379.23							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	02/25/04	1001			5.46	14	< 0.01	738.1	8547.7		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/04/04	910	25.15	1377.83							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/04/04	911			6.27	17	< 0.01	762	9045		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/02/05	1045	24.69	1378.29						< 0.007	< 0.005
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/02/05	1046				15	< 0.01	776	8792		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/02/05	1050	24.69	1378.29							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/07/06	950	25.71	1377.27							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/07/06	951			5.29	16.1	< 0.01	846	9880		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/18/07	1040	21.56	1381.42							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/18/07	1041			5.3	14.8	< 0.01	939	10970		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/26/08	940	21.02	1381.96							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/26/08	941			3.7	< 5	< 0.01	1121	14770		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/27/09	1015	20.11	1382.87						< 0.007	< 0.008
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/27/09	1016			4.4	105.9	< 0.01	1124	14260		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/27/09	1017								< 0.05	< 0.05
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/27/09	1020	20.11	1382.87							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/13/10	955	18.41	1384.57							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	07/13/10	956			5.33	35.1	< 0.01	1127	14280		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/15/11	920	20.59	1382.39							
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	06/15/11	921			5.4	33	0.05	1160	16200		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/27/14	915	21.12	1381.86						0.005	< 0.008
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/27/14	916			4.8	58	< 0.1	1150	14600		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	09/14/15	941	16.90	1386.08	5	63	< 0.02	1100	13900		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/18/16	951	17.40	1385.58	5.3	60	< 0.02	1210	14600		
375814097324701	24S 02W 16BAAA01	IW-16A SHALLOW	08/18/16	956			5.3	60	< 0.02	1210	14700		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	12/13/01	925	18.19	1366.01							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	12/13/01	926			9.83	11	0.02	171	1940		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/10/02	920	22.05	1362.15						< 0.007	< 0.0045
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/10/02	921			7.17	10	0.08	182	1560		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/10/02	925									
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	03/10/03	1040	19.32	1367.31							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	03/10/03	1041			8.91	11	< 0.01	159	1650		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/02/03	900	23.25	1363.38							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/02/03	901			9.08	9	< 0.01	159	1350		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	04/05/04	1020	17.66	1368.97							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	04/05/04	1021			10.5	8	< 0.01	156	1435		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	04/20/04	1010	16.68	1369.95							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/20/04	900	21.82	1364.81						< 0.007	< 0.005
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/20/04	901			10.3	9	< 0.01	143	1520		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/20/04	905	21.82	1364.81							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/21/05	1110	20.33	1366.30							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/21/05	1111			11.1	9	< 0.01	128	1447		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/20/06	930	24.60	1362.03							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/20/06	931			8.88	8.5	< 0.01	126	1480		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	06/27/07	1010	15.76	1370.87							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	06/27/07	1011			8.8	< 5	< 0.01	142	1390		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	06/24/08	930	13.10	1373.53						< 0.007	< 0.006
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	06/24/08	931			7.4	< 5	< 0.01	138	1380		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	06/24/08	935	13.10	1373.63							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/23/09	1030	16.12	1370.51							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/23/09	1031			10	5	0.41	137	1380		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/15/10	950	11.16	1375.47							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	07/15/10	951			10.1	< 5	< 0.01	135	790		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	06/16/11	945	16.75	1369.88							
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	06/16/11	946			13.8	5.1	0.34	115	1240		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	09/16/14	945	18.95	1367.68						< 0.008	< 0.008
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	09/16/14	946			12.6	7.3	< 0.02	118	1190		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	09/16/14	950								< 0.008	< 0.008
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	09/16/14	951			12.6	7.9	< 0.02	118	1190		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	09/21/15	941	18.23	1368.40	10	6.9	< 0.02	126	1260		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	09/21/15	946			10	6.9	< 0.02	126	1250		
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	08/01/16	1000	12.08	1374.55						< 0.008	< 0.008
375814097300001	24S 02W 13BBBB01 IW-17A SHALLOW	08/01/16	1001			10.6	6.8	< 0.02	150	66		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	03/25/02	1040	9.00	1422.15						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	03/25/02	1041			< 1	151	0.05	25.7	264	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/15/02	945	9.70	1421.45					E 0.0064	< 0.0045
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/15/02	946			< 1	143	0.12	21.1	271	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/15/02	950								
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	03/11/03	1040	9.49	1427.55						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	03/11/03	1041			< 1	136	0.03	22.4	269	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/01/03	910	9.11	1422.93						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/01/03	911			< 1	144	0.04	14.6	254	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	04/06/04	1015	9.07	1422.97						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	04/06/04	1016			< 1	116	0.01	16	242	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	04/20/04	1105	9.24	1422.80						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/21/04	855	8.80	1423.24					0.007	< 0.005
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/21/04	856			< 1	140	0.01	14	256	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/21/04	900	8.80	1423.24						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/22/05	905	6.88	1425.16						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/22/05	906			< 1	147	0.08	17	214	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/06/06	1010		1422.95						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/06/06	1011			< 1	194	0.32	10	200	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/02/07	1020	6.50	1425.54						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/02/07	1021			< 1	120.3	0.02	14	200	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	06/24/08	945	6.11	1425.93					E 0.0049	< 0.006
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	06/24/08	946			< 1	117.1	0.1	< 5	110	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	06/24/08	950	6.11	1425.93						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/23/09	1015	6.91	1425.13						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/23/09	1016			< 1	129.3	0.47	< 5	< 100	
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/15/10	1000	4.14	1427.90						
375642097385304	24S 03W 21DDAA04	IW-18A SHALLOW	07/15/10	1001			0.995	141.9	< 0.01	< 5	< 100	
375642097385304	24S 03W 21DDAA05	IW-18A SHALLOW	06/29/11	940	8.42	1423.62						
375642097385304	24S 03W 21DDAA06	IW-18A SHALLOW	06/29/11	941			3	150	1.64	< 5	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	03/27/02	1020	11.41	1406.59							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	03/27/02	1021			3.82	178	< 0.01	326	2440		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/01/02	1005	12.46	1405.54						0.0235	< 0.0045
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/01/02	1006			3.94	134	0.02	340	2620		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/01/02	1010									
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	03/12/03	1010	12.62	1406.59							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	03/12/03	1011			3.79	148	< 0.01	335	2810		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/02/03	920	12.88	1406.33							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/02/03	921			3.92	160	< 0.01	301	2680		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/02/03	925	12.88	1406.33							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	02/25/04	950	13.45	1405.76							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	02/25/04	951			5.56	146	< 0.01	326.1	2978.2		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/03/04	1015	12.52	1406.69							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/03/04	1016			4.58	163	0.01	327	2937		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/28/05	920	11.97	1407.24							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/28/05	921			4.34	141	< 0.01	249	2466		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/12/06	945	11.80	1407.41						0.0221	< 0.005
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/12/06	946			4.02	140	< 0.01	217	2110		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/12/06	950	11.80	1407.41							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/16/07	1025	9.00	1410.21							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/16/07	1026			3.1	127.5	< 0.01	265	2220		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/02/08	1015	8.42	1410.79							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/02/08	1016			2.8	131.3	< 0.01	255	2440		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/04/09	1100	9.67	1409.54							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/04/09	1101			2.9	129.3	0.35	304	2400		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/20/10	935	8.46	1410.75						E 0.0059	< 0.008
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/20/10	936			5.1	110.7	< 0.01	253	2080		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	07/20/10	940	8.46	1410.75							
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	06/23/11	941			4	110	0.36	274	2270		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	06/23/11	943	10.75	1408.46	3.7	110	< 0.019	235	1970		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/26/14	920	12.84	1406.37						0.005	< 0.008
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/26/14	921			3.4	120	< 0.02	206	1750		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/26/14	925			3	112	< 0.04	206	1650		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/20/15	901	10.46	1408.75	3.3	100	< 0.02	236	1850		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/20/15	902			3.1	102	< 0.04	214	1650		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/17/16	935	6.42	1412.79	2.9	76	< 0.02	194	1300		
375604097363601	24S 03W 25BCCB01 IW-19A SHALLOW	08/17/16	936			2.9	79	< 0.038	197	1280		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	12/13/01	1110	24.39	1388.56							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	12/13/01	1111			5.59	88	0.01	1070	40700		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/02	905	24.85	1388.10						< 0.007	< 0.0045
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/02	906			3.79	87	< 0.01	1010	38000		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/02	907								< 0.05	< 0.05
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/02	908								< 0.05	
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/02	915									
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	03/27/03	1015	26.00	1390.16							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	03/27/03	1016			3.44	82	0.04	938	36700		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/08/03	925	26.27	1389.89						< 0.007	< 0.0045
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/08/03	926				76	< 0.01	1040	37300		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/08/03	927								< 0.05	< 0.05
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/08/03	930	26.27	1389.89							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	03/01/04	1005	26.73	1389.43							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	03/01/04	1006			4.82	86	0.01	920.4	36325.3		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	03/01/04	1010	26.73	1389.43							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/20/04	855	26.37	1389.79							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/20/04	856			4.26	82	< 0.01	931	35390		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/29/05	925	24.73	1391.43							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/29/05	926			3.39	71	< 0.01	864	34900		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	08/01/06	1100	25.13	1391.03							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	08/01/06	1101			4.22	65.6	< 0.01	827	36500		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/07	1030	23.84	1392.32						< 0.007	< 0.005
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/07	1031			4.1	62.6	< 0.01	762	39400		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/10/07	1035	23.84	1392.32							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/07/08	1010	22.79	1393.37							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/07/08	1011			3.2	59.3	< 0.01	762	39160		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/22/09	955	22.21	1393.95							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/22/09	956			4.1	54.5	< 0.01	717	34520		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/21/10	930	19.71	1396.45							
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	07/21/10	931			4.96	51.4	< 0.01	687	31070		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	06/27/11	1015	22.02	1394.14						< 0.008	< 0.008
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	06/27/11	1016			4.9	56	0.15	696	32000		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	09/17/14	915	23.43	1392.73						< 0.008	< 0.008
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	09/17/14	916			6.4	66	< 0.1	785	33100		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	08/11/15	915	22.20	1393.96						< 0.008	< 0.008
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	08/11/15	916			5.7	63	< 0.02	820	34800		
375630097342701	24S 02W 19DDDD01 IW-20A SHALLOW	08/25/16	936	17.08	1399.08	5.8	68	0.05	860	34900		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	12/18/01	1025	56.31	1379.44						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	12/18/01	1026			3.37	53	< 0.01	529	8800	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/02/02	935	28.97	1378.23					0.0093	< 0.0045
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/02/02	936			2.71	45	< 0.01	413	7460	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/02/02	940								
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	03/14/03	1010	29.29	1377.43						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	03/14/03	1011			2.14	38	< 0.01	405	7340	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/01/03	915	29.91	1376.81						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/01/03	916			2.45	47	< 0.01	385	6870	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	03/02/04	1005	29.71	1377.01						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	03/02/04	1006			2.57	52	< 0.01	390	7534.3	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/21/04	925	30.81	1375.91						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/21/04	926			3.36	53	< 0.01	401	7427	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/27/05	940	29.60	1377.12					0.0111	< 0.005
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/27/05	941			2	75	0.06	454	9134	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/27/05	950	29.60	1377.12						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/18/06	1005	28.91	1377.81						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/18/06	1006			13.3	69.4	< 0.01	431	9240	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/05/07	1015	27.90	1378.82						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/05/07	1016			2.4	61.6	< 0.01	442	9740	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/02/08	935	26.95	1379.77						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/02/08	936			1.1	64.7	< 0.01	434	10710	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/21/09	1000	26.57	1380.15					< 0.007	< 0.008
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/21/09	1001			< 1	87.5	< 0.01	563	14020	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/21/09	1005	26.57	1380.15						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/21/10	930	25.64	1381.08						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	07/21/10	931			2.17	81.2	< 0.01	539	13200	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	06/29/11	955	25.94	1380.78						
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	06/29/11	956			2.5	70	0.23	493	11600	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	09/17/14	905	25.53	1381.19					< 0.008	< 0.008
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	09/17/14	906			2.6	65	< 0.1	429	9950	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	09/16/15	941	23.72	1383.00	2.5	60	< 0.1	534	11400	
375629097323501	24S 02W 21DCDC01	IW-21A SHALLOW	08/23/16	921	18.96	1387.76	2.8	46	0.03	666	13200	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor	
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³	
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	12/19/01	1005	20.58	1363.57							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	12/19/01	1006									
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/11/02	930	20.67	1363.43	< 2	24.14	E 0.032	55.164	78.22708	0.0838	< 0.0045
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/11/02	931			< 1	24	0.05	64.1	82.4		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/11/02	932								0.09	< 0.05
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/11/02	933								0.06	
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/11/02	934									
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/11/02	935									
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	03/25/03	1035	22.01	1363.59							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	03/25/03	1036			< 1	20	< 0.01	80.1	195		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/08/03	910	21.40	1364.20						0.047	< 0.0045
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/08/03	911			< 1	27	0.04	76.6	187		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/08/03	912								0.08	< 0.05
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/08/03	913									< 0.02
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/08/03	915	21.40	1364.20							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	03/15/04	1035	22.21	1363.39							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	03/15/04	1036			< 1	24	< 0.01	72.8	209.6		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/28/04	920	21.62	1363.98							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/28/04	921			1.73	28	< 0.01	55	172		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/28/05	1045	18.90	1366.70							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/28/05	1046			< 1	25	< 0.01	54	172		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/17/06	1000	19.95	1365.65							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/17/06	1001			8.65	20.6	< 0.01	70	210		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/17/07	945	19.57	1366.03						E 0.0077	< 0.005
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/17/07	946			< 1	18.9	0.02	73	220		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/17/07	950	19.57	1366.03							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/09/08	935	19.77	1365.83							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/09/08	936			< 1	21.4	< 0.01	74	180		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/28/09	940	17.51	1368.09							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/28/09	941			< 1	19.2	< 0.01	100	300		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/19/10	1045	16.50	1369.10							
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	07/19/10	1046			1.46	20.2	< 0.01	79	230		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	06/27/11	910	18.63	1366.97						0.011	< 0.008
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	06/27/11	911			1.8	26	0.42	127	364		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	09/23/14	905	19.89	1365.71						0.021	< 0.008
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	09/23/14	906			2	23	< 0.03	108	330		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	09/23/14	910								0.022	< 0.008
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	09/23/14	911			2	22	0.02	108	330		
375629097293701	24S 02W 25BBAB02	IW-22A SHALLOW	08/18/15	915	16.72	1368.88						0.021	< 0.008
375629097293701	24S 02W 25BBAB03	IW-22A SHALLOW	08/18/15	916			2.5	21	0.19	126	400		
375629097293701	24S 02W 25BBAB04	IW-22A SHALLOW	08/18/15	920								0.02	< 0.008
375629097293701	24S 02W 25BBAB05	IW-22A SHALLOW	08/18/15	921			2.5	21	0.19	130	400		
375629097293701	24S 02W 25BBAB01	IW-22A SHALLOW	08/24/16	941	12.92	1372.68	3	22	0.16	160	540		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	03/27/02	1100	21.75	1356.40						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	03/27/02	1101			7.97	16	0.01	733	801	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/09/02	925	29.21	1348.94					< 0.007	< 0.0045
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/09/02	926			6.9	12	< 0.01	795	1490	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/09/02	930								
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	03/28/03	1000	19.19	1360.45						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	03/28/03	1001			7.47	15	0.01	951	1810	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/14/03	900	29.20	1350.44						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/14/03	901			7.78	14	< 0.01	923	1580	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	04/07/04	955	18.87	1360.77						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	04/07/04	956			8.78	18	< 0.01	933	1866	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	04/20/04	1205	19.25	1360.40						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	08/02/04	930	21.51	1358.13					< 0.007	< 0.005
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	08/02/04	931			8.17	17	< 0.01	965	1829	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	08/02/04	935	21.51	1358.13						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/29/05	1025	27.69	1351.95						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/29/05	1026			5.67	14.9	< 0.01	936	1756	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/20/06	945	29.95	1349.69						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/20/06	946			6.04	16	< 0.01	976	1870	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/10/07	1045	15.10	1364.54						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/10/07	1046			7.2	10.5	< 0.01	931	1840	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/08/08	920	24.35	1355.29					< 0.007	< 0.006
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/08/08	921			6	10.8	< 0.01	1018	2000	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/08/08	925	24.35	1355.29						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/28/09	945	25.22	1354.42						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/28/09	946			6.4	11.3	< 0.01	1138	2240	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/22/10	945	26.25	1353.39						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	07/22/10	946			8.46	13.3	< 0.01	1081	2130	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	06/23/11	1030	25.05	1354.59						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	06/23/11	1031			7	12	0.25	1160	2250	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	09/24/14	1005	24.19	1355.45					< 0.008	< 0.008
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	09/24/14	1006			9.1	19	< 0.02	1290	2530	
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	09/21/15	921	23.92	1355.72						
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	08/02/16	925	23.43	1356.21					< 0.008	< 0.008
375629097274801	24S 01W 29BBBB01	IW-23A SHALLOW	08/02/16	926			6.3	20	< 0.02	1660	313	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	03/28/02	1025	8.39	1418.71							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	03/28/02	1026			< 1	100	6.78	< 5	< 5		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/16/02	950	9.23	1417.87						< 0.007	< 0.0045
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/16/02	951			< 1	101	7.79	< 5	< 5		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/16/02	952								< 0.05	< 0.05
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/16/02	953								< 0.05	
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/16/02	955									
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	03/27/03	955	7.30	1420.71							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	03/27/03	956			< 1	90	7.37	< 5	< 5		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/09/03	915	8.78	1419.23						< 0.05	< 0.05
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/09/03	916			< 1	98	7.51	< 5	< 5		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/09/03	920	8.78	1419.23							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/09/03	921									
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/09/03	921									
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	04/12/04	955	7.67	1420.35							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	04/12/04	956			< 1	89	8.96	1	< 5		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	04/21/04	945	7.72	1420.29							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	08/05/04	855	7.21	1420.80						< 0.007	< 0.005
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	08/05/04	856			< 1	101	8.94	< 1	< 5		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	08/05/04	900	7.21	1420.80							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	08/04/05	1040	7.78	1420.23							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	08/04/05	1041			< 1	101	< 0.01	< 1	< 5		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/18/06	950	8.59	1419.42							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/18/06	951			< 1	84.5	9.99	< 5	< 50		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/18/07	1005	5.11	1422.90							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/18/07	1006			< 1	75.8	9.19	< 5	< 100		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/09/08	1000	6.46	1421.55							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/09/08	1001			< 1	79.1	10.2	< 5	< 100		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/15/08	930	6.76	1421.25						< 0.007	< 0.006
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/15/08	931			< 1	79.2	10.1	< 5	< 100		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/15/08	935	6.76	1421.25							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	09/23/08	925	7.11	1420.90							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	09/23/08	926			< 1	87.5	10.2	< 5	< 100		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/29/09	1050	7.20	1420.81							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	07/29/09	1051			< 1	87.8	10.6	< 5	< 100		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	08/05/10	935	6.48	1421.53							
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	08/05/10	936									
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	06/30/11	940	8.70	1419.31	1.3	79.5	9.46	< 5	< 100		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	06/30/11	000			1.1	86	8.58	< 100	< 100		
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	09/29/14	915	9.25	1418.76						< 0.008	< 0.008
375446097390701	24S 03W 33DDCC01 IW-24A SHALLOW	09/29/14	916			1	94	9.42	< 5	< 100		
375629097293701	24S 03W 33DDCC01 IW-24A SHALLOW	08/18/15	915								0.021	< 0.008
375629097293701	24S 03W 33DDCC01 IW-24A SHALLOW	08/18/15	916			2.5	21	0.19	126	400	0.02	< 0.008
375629097293701	24S 03W 33DDCC01 IW-24A SHALLOW	08/18/15	920									
375629097293701	24S 03W 33DDCC01 IW-24A SHALLOW	08/18/15	921			2.5	21	0.19	130	400		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	12/20/01	1035	8.45	1407.70						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	12/20/01	1036			< 1	28	0.01	15.1	< 5	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/17/02	915	10.98	1405.17					0.0074	< 0.0045
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/17/02	916			< 1	56	< 0.01	< 5	< 5	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/17/02	920								
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	03/31/03	1025	10.69	1408.42						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	03/31/03	1026			< 1	54	2.46	< 5	< 5	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/09/03	940	10.73	1408.38					0.0129	< 0.0045
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/09/03	941			< 1	54	2.21	< 5	< 5	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/09/03	945	10.73	1408.38						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	03/16/04	945	10.85	1408.26						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	03/16/04	946			< 1	56	2.19	< 1	< 5	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/04/04	930	9.56	1409.55						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/04/04	931			< 1	64	2.41	2	< 5	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/05/05	1025	9.07	1410.04						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/05/05	1026			< 1	67.5	3.95	< 1	< 5	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/21/06	955	10.37	1408.74						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/21/06	956			< 1	65.2	3.52	< 5	< 50	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/17/07	1010	6.96	1412.15					E 0.006	< 0.005
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/17/07	1011			< 1	53.9	3.72	< 5	< 100	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/17/07	1015	6.96	1412.15						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/10/08	935	8.34	1410.77						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/10/08	936			< 1	51.7	3.09	< 5	< 100	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/10/09	945	9.24	1409.87						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/10/09	946			< 1	66.8	4.5	< 5	< 100	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/22/10	930	6.74	1412.37						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	07/22/10	931			2.21	83.8	4.89	< 5	< 100	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	06/28/11	926			2.3	70	3.53	< 5	< 100	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	06/28/11	930	10.40	1408.71						
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	09/30/14	910	10.92	1408.19					< 0.008	< 0.008
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	09/30/14	911			2.1	74	4.88	< 5	< 100	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/19/15	1050	9.64	1409.47					0.005	< 0.008
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	08/19/15	1051			3.7	79	2.31	< 5	< 100	
375445097365404	24S 03W 35DCDD04	IW-25A SHALLOW	09/06/16	1001	6.03	1413.08	2.9	62	3.89	< 5	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	03/29/02	1045	13.21	1393.09							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	03/29/02	1046			< 1	9	3.71	< 5	< 5		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/15/02	930	13.20	1393.10						< 0.007	< 0.0045
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/15/02	931			< 1	6	< 0.01	< 5	< 5		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/15/02	935									
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	03/26/03	1040	14.40	1394.33							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	03/26/03	1041			< 1	9	5.18	< 5	10.3		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/10/03	925	14.31	1394.42							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/10/03	926			< 1	10	3.9	< 5	< 5		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/10/03	930	14.31	1394.42							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	03/03/04	1020	15.21	1393.52							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	03/03/04	1021			< 1	12	6.12	< 1	< 5		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/11/04	945	12.19	1396.54							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/11/04	946			< 1	13	2.38	< 1	< 5		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/05/05	1005	9.81	1398.92							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/05/05	1006			< 1	17	3.75	< 1	< 5		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/19/06	1030	11.70	1397.03						< 0.007	< 0.005
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/19/06	1031			< 1	9.3	4.71	< 5	< 50		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/19/06	1035	11.70	1397.03							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/16/07	945	10.68	1398.05							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/16/07	946			< 1	6.9	5.24	< 5	< 100		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/14/08	1000	11.65	1397.08							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	07/14/08	1001			< 1	6.1	3.42	< 5	< 100		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/05/09	1015	10.79	1397.94							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/05/09	1016			< 1	13	3.25	< 5	< 100		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/09/10	925	9.36	1399.37						< 0.007	< 0.008
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/09/10	926			1.82	8.6	4.25	< 5	< 100		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/09/10	930	9.36	1399.37							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	06/30/11	915	12.71	1396.02							
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	06/30/11	916			1.6	9.1	5.1	< 5	< 100		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	10/01/14	900	12.55	1396.18						0.011	< 0.008
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	10/01/14	901			3.5	28	4.62	< 5	< 100		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	09/17/15	918	10.81	1397.92	1.4	9.7	4.77	< 5	< 100		
375508097342401	24S 02W 32CBBB01 IW-26A SHALLOW	08/25/16	920	8.03	1400.70	1.4	7.3	8.25	< 5	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	03/29/02	1035	17.43	1378.47						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	03/29/02	1036			< 1	21	1.71	< 5	< 5	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/16/02	1000	18.05	1377.85					< 0.007	< 0.0045
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/16/02	1001			< 1	24	1.61	< 5	< 5	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/16/02	1005								
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	03/26/03	1010	18.75	1377.90						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	03/26/03	1011			< 1	20	1.65	< 5	< 5	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/11/03	855	19.05	1377.60						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/11/03	856			< 1	22	1.59	< 5	< 5	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	03/31/04	1020	18.85	1377.80						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	03/31/04	1021			< 1	24	2.24	< 1	< 5	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/05/04	910	17.96	1378.69					< 0.007	< 0.005
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/05/04	911			< 1	28	2.49	1	< 5	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/05/04	915	17.96	1378.69						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/12/05	920	13.85	1382.80						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/12/05	921			< 1	32.7	2.05	2	< 5	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/21/06	1145	16.65	1380.00						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/21/06	1146			< 1	22.9	5.44	< 5	< 50	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/06/07	1050	16.52	1380.13						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/06/07	1051			< 1	14.1	2.04	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/16/08	940	16.85	1379.80					< 0.007	< 0.006
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/16/08	941			< 1	19	2.46	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/16/08	945	16.85	1379.80						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	09/23/08	930	17.08	1379.57						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	09/23/08	931			< 1	17.8	2.93	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/29/09	1005	15.24	1381.41						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/29/09	1006			< 1	19.4	2.6	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/05/10	930	14.07	1382.58						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/05/10	931			1.4	18.6	2.99	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/05/11	1055	16.79	1379.86						
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	07/05/11	1056			1.7	25	1.7	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	09/30/14	905	16.93	1379.72					< 0.008	< 0.008
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	09/30/14	906			1.2	22	2.19	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	09/17/15	943	14.33	1382.32	1	20	2.27	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/03/16	930	9.96	1386.69					0.008	< 0.008
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/03/16	931			1.3	24	2.25	< 5	< 100	
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/03/16	932							0.007	< 0.008
375434097321301	25S 02W 04AADA01	IW-27A SHALLOW	08/03/16	933			1.3	24	2.25	< 5	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	04/04/02	950	22.40	1363.70						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	04/04/02	951			< 1	26	0.31	8.23	< 5	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/17/02	905	23.39	1362.71					E 0.0046	< 0.0045
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/17/02	906			1.06	28	0.22	< 5	< 5	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/17/02	910								
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	04/01/03	1005	24.92	1363.18						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	04/01/03	1006			< 1	29	0.17	< 5	< 5	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/11/03	925	25.71	1362.39						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/11/03	926			< 1	28	0.46	< 5	< 5	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	03/17/04	1000	25.48	1362.62						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	03/17/04	1001			< 1	24	1.01	< 1	< 5	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	08/09/04	1130	25.32	1362.78						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	08/09/04	1131			1.36	33	0.71	< 1	< 5	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/26/05	915	22.16	1365.94					0.0087	< 0.005
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/26/05	916			< 1	29	2.42	< 1	< 5	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/26/05	920	22.16	1365.94						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/31/06	950	24.19	1363.91						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/31/06	951			< 1	24.2	4.98	< 5	< 50	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/18/07	1025	23.41	1364.69					< 0.05	< 0.05
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/18/07	1026			< 1	21.9	5.62	< 5	< 100	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/10/08	935	24.20	1363.90						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/10/08	936			< 1	19.2	6.59	< 5	< 100	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	08/03/09	1005	21.52	1366.58					0.0107	< 0.008
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	08/03/09	1006			< 1	21.8	6.38	< 100	< 100	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	08/03/09	1010	21.52	1366.58						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/29/10	930	20.86	1367.24						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/29/10	931			4.2	21.3	5.97	< 5	< 100	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/06/11	925	23.14	1364.96						
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	07/06/11	926			4.2	22	5.7	< 5	< 100	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	10/06/14	920	24.94	1363.16					0.007	< 0.008
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	10/06/14	921			13.4	22	< 0.02	641	4460	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	09/28/15	926	21.31	1366.79	1.9	17	7.02	< 5	< 100	
375420097300201	25S 02W 02ADDA01	IW-28A SHALLOW	09/15/16	915	15.38	1372.72	1.7	15	8.54	< 5	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	04/11/02	940	17.49	1355.86						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	04/11/02	941			6.95	25	< 0.01	738	1520	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/18/02	830	20.22	1353.13					0.0147	0.0129
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/18/02	831			8.05	26	< 0.01	776	2520	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/18/02	835								
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	10/17/02	1030	19.39	1353.96	9.758897	21.64	< 0.054	809.958	3387.228	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	10/17/02	1031			8.96	59	< 0.01	811	3650	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	10/17/02	1032								
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	04/02/03	1005	18.19	1357.68	8.788572	21.72	< 0.053	757.495	3802.034	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	04/02/03	1006			10.3	35	< 0.01	808	4120	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	04/02/03	1007								
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/15/03	845	21.35	1354.52						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/15/03	846			11.2	22	< 0.01	877	4260	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	03/22/04	1000	17.70	1358.17						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	03/22/04	1001			10.6	20	< 0.01	903	4872	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/06/04	835	18.71	1357.16						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/06/04	836			11.4	20	< 0.01	908	4832	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/04/05	900	17.48	1358.39						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/04/05	901			10.1	17.7	< 0.01	880	5344	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/24/06	950	20.28	1355.59					0.0141	E 0.0072
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/24/06	951			12.2	19.9	< 0.01	899	5990	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/24/06	955	20.28	1355.59						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/11/07	945	15.59	1360.28						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/11/07	946			11	15.9	< 0.01	946	6170	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/09/08	1225	18.11	1357.76						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/09/08	1226			10	17.6	< 0.01	918	6460	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/13/09	935	16.53	1359.34						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/13/09	936			9.6	18	< 0.01	899	6270	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/10/10	915	16.35	1359.52					0.0111	< 0.008
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/10/10	916			13.5	19.3	0.07	797	5740	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/10/10	920	16.35	1359.52						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	08/11/10	1105	16.45	1359.42						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/07/11	930	20.66	1355.21						
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	07/07/11	931			14.3	20	< 0.01	859	6210	
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	10/06/14	920	19.24	1356.63					0.006	< 0.008
375445097274801	24S 01W 32CCCC01	IW-29A SHALLOW	10/06/14	921			2.5	20	4.86	< 5	< 100	
375629097274801	24S 01W 32CCCC01	IW-29A SHALLOW	09/21/15	935	15.74	1360.13	6	19	< 0.02	1660	3220	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	04/04/02	1010	13.66	1384.34						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	04/04/02	1011								
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/18/02	850	15.20	1382.80	< 2	205	14.3	< 5	< 5	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/18/02	851			< 1	146.91	16.73	0.521	< 10	0.0216
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/18/02	852				157	0.04	< 5	16.9	< 0.05
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/18/02	853							< 0.05	< 0.05
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/18/02	854							< 0.05	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/18/02	855								
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	04/01/03	940	13.06	1390.65						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	04/01/03	941			< 1	169	12.1	< 5	8.98	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/16/03	915	15.57	1388.14						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/16/03	916			< 1	157	12.9	< 5	< 5	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/16/03	920	15.57	1388.14		147.77	14.53	0.371	E 5.0349	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/16/03	921								
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	03/23/04	940	13.02	1390.69						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	03/23/04	941			< 1	181	8.81	< 1	< 5	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/09/04	915	14.17	1389.54					< 0.05	< 0.05
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/09/04	916			< 1	151	9.31	< 1	< 5	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	09/01/05	855	12.29	1391.42					0.05	< 0.05
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	09/01/05	856			< 1	169	11.4	< 1	< 5	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	09/01/05	901								
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/24/06	950	14.75	1388.96					0.0137	< 0.005
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/24/06	951			< 1	161	12.7	< 5	< 50	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/24/06	955	14.75	1388.96						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/23/07	1005	10.59	1393.12						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/23/07	1006			< 1	149.1	8.99	< 5	< 100	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/14/08	945	12.11	1391.60						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/14/08	946			< 1	144.9	13	< 5	< 100	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/14/09	940	14.16	1389.55						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/14/09	941			< 1	167	11.9	< 5	< 100	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/09/10	945	13.67	1390.04					0.0106	< 0.008
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/09/10	946			0.754	165.6	11.3	< 5	< 100	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/09/10	950	13.67	1390.04						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/11/11	950	15.04	1388.67						
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	07/11/11	951			0.7	170	11.7	< 5	< 100	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	10/07/14	905	15.35	1388.36					0.006	< 0.008
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	10/07/14	906			0.7	230	8.59	< 5	< 100	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	09/24/15	856	13.24	1390.47	0.5	240	8.64	< 5	< 100	
375258097340601	25S 02W 17BBAA01	IW-30A SHALLOW	08/18/16	931	10.86	1392.85	0.6	240	10.8	< 5	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	04/18/02	1005	9.32	1379.03						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	04/18/02	1006			< 1	188	15.1	< 5	< 5	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/23/02	910	9.18	1379.17					0.212	0.0116
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/23/02	911			< 1	132	16.8	< 5	< 5	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/23/02	915								
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	04/02/03	925	8.77	1382.20						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	04/02/03	926			< 1	148	17.17	< 5	< 5	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/17/03	730	9.42	1381.55						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/17/03	731			< 1	137	< 0.01	< 5	< 5	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	04/13/04	935	8.63	1382.34					0.06	< 0.05
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	04/13/04	936			< 1	134	13	< 1	< 5	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	04/21/04	1040	8.61	1382.36						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/04	840	8.01	1382.96					0.101	< 0.005
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/04	841			< 1	112	9.53	< 1	< 5	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/04	845	8.01	1382.96						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/05	1125	8.35	1382.62						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/05	1126			< 1	102	7.44	< 1	< 5	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/05	1131								
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/02/06	925	8.97	1382.00						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/02/06	926			< 1	109	20.2	< 5	< 50	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/19/07	950	5.29	1385.68					0.06	< 0.05
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/19/07	951			< 1	76.3	7.64	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/15/08	920	7.45	1383.52					0.0476	< 0.006
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/15/08	921			< 1	82	13.1	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/15/08	925	7.45	1383.52						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/07/09	1010	7.73	1383.24					< 0.05	< 0.05
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/07/09	1011			< 1	82	11.9	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/09	935	7.99	1382.98					< 0.05	< 0.05
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/11/09	936			< 1	80.8	10.8	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/18/10	1010	7.35	1383.62					0.32	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/18/10	1011			0.76	87.3	12.9	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/18/10	1012								< 0.02
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/13/11	940	9.87	1381.10						
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	07/13/11	941			0.3	110	19.3	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	10/07/14	845	10.40	1380.57					0.067	< 0.008
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	10/07/14	846			< 0.5	34	6.8	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	09/23/15	906	8.00	1382.97	< 0.5	48	6.12	< 5	< 100	
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/09/16	1020	4.90	1386.07					0.061	< 0.008
375300097321101	25S 02W 15BBBB01	IW-31A SHALLOW	08/09/16	1021			< 0.5	63	12	< 5	< 100	

Station ID	Name		Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
							ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	04/05/02	955	15.96	1362.39							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	04/05/02	956			< 1	19	4.8	23.1	< 5		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/23/02	830	16.53	1361.82					< 0.007	< 0.0045	
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/23/02	831			< 1	20	3.66	23.1	8.29		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/23/02	835									
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	04/07/03	920	16.86	1365.89							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	04/07/03	921			< 1	33	1.39	10.9	< 5		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/18/03	840	17.85	1364.90							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/18/03	841			< 1	36	0.91	17.2	< 5		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	03/24/04	1005	16.88	1365.87							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	03/24/04	1006			< 1	46	0.73	17	6		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/17/04	1135	16.05	1366.70							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/17/04	1136			< 1	56	1.3	15	5		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/08/05	940	13.51	1369.24						E 0.0041	< 0.005
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/08/05	941			< 1	61	3.43	10	5		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/08/05	945	13.51	1369.24							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/02/06	930	16.58	1366.17							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/02/06	931			< 1	41.2	4.84	10	< 50		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/24/07	1005	15.32	1367.43					< 0.05	< 0.05	
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/24/07	1006			< 1	57.1	1.46	9	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/15/08	1130	15.87	1366.88							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/15/08	1131			< 1	63.2	1.68	8	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/11/09	935	14.11	1368.64					< 0.007	< 0.008	
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/11/09	936			< 1	81.9	1.93	15	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/11/09	940	14.11	1368.64							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/26/10	935	13.70	1369.05							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/26/10	936			1.47	61.6	1.33	23	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/14/11	1010	17.07	1365.68							
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	07/14/11	1011			0.9	38	3.67	< 5	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	10/08/14	855	19.16	1363.59					< 0.008	< 0.008	
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	10/08/14	856			1	130	3.08	9	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	10/08/14	900							< 0.008	< 0.008	
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	10/08/14	901			1	130	3.06	9	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	09/24/15	856	15.37	1367.38	1.1	99	7.04	6	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	09/24/15	901			1.1	100	6.62	6	< 100		
375247097300101	25S 02W 13BCBB01	IW-32A SHALLOW	08/30/16	926	10.96	1371.79	1.7	70	4.15	44	320		

Station ID	Name		Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
							ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	04/15/02	1050	20.28	1353.02							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	04/15/02	1051			< 1	9	18.7	< 5	< 5		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/24/02	900	22.11	1351.19						0.0311	< 0.0045
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/24/02	901			< 1	9	20.2	< 5	< 5		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/24/02	905									
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	04/10/03	1035	22.50	1354.09							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	04/10/03	1036			< 1	13	20.8	< 5	15.1		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/22/03	930	23.47	1353.12							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/22/03	931			< 1	6	16.5	< 5	< 5		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	04/05/04	1010	21.76	1354.83						< 0.05	< 0.05
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	04/05/04	1011			< 1	6	19.9	< 1	< 5		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/16/04	1035	21.20	1355.39							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/16/04	1036			< 1	6	17.9	< 1	< 5		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/02/05	915	19.68	1356.91							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/02/05	916			< 1	< 5	< 0.01	< 1	< 5		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/02/05	921									
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/25/06	955	22.69	1353.90						0.0115	< 0.005
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/25/06	956			< 1	< 5	20.3	< 5	< 50		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/25/06	1000	22.69	1353.90							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/19/07	1005	21.32	1355.27						< 0.05	< 0.05
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/19/07	1006			< 1	< 5	23.6	< 5	< 100		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/17/08	900	21.74	1354.85							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/17/08	901			< 1	< 5	24	< 5	< 100		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/10/09	950	19.32	1357.27							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/10/09	951			< 1	7.1	12.8	< 5	< 100		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/11/10	920	19.30	1357.29						0.0094	< 0.008
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/11/10	921			0.623	< 5	10.1	< 5	< 100		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/11/10	925	19.30	1357.29							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/12/11	935	22.69	1353.90							
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	07/12/11	936			0.7	8.8	20.7	< 5	< 100		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	10/08/14	845	23.27	1353.32						0.007	< 0.008
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	10/08/14	846			0.5	27	18.9	< 5	< 100		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	09/29/15	941	17.75	1358.84	0.6	8.1	4.95	< 5	< 100		
375326097274501	25S 01W 08CBBB01	IW-33A SHALLOW	08/23/16	836	14.61	1361.98	< 0.5	8.4	42.6	< 5	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	05/03/02	1005	16.16	1347.04						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	05/03/02	1006			7.49	17	< 0.01	49.2	464	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/22/02	940	16.76	1346.44					E 0.0062	< 0.0045
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/22/02	941			5.95	19	0.02	24.4	457	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/22/02	945								
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	04/03/03	955	16.18	1348.11						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	04/03/03	956			3.45	22	0.02	10.9	408	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/23/03	900	16.76	1347.63						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/23/03	901			5.99	20	< 0.01	10	402	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	04/06/04	950	14.86	1349.43						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	04/06/04	951			3.98	23	0.01	10	381	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	04/20/04	1440	15.00	1349.29						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/18/04	910	14.47	1349.82						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/18/04	911			E 3.26	E 28	E 0.07	E 9	E 425	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/01/05	935	14.23	1350.06					E 0.0043	< 0.005
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/01/05	936			2.92	34	< 0.01	10	407	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/01/05	940	14.23	1350.06						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/04/06	940	17.26	1347.03						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/04/06	941			2.33	28.9	< 0.01	8	380	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/24/07	1015	15.45	1348.84						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/24/07	1016			2.5	23.5	< 0.01	7	390	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/24/08	915	16.11	1348.18						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	07/24/08	916			1.4	17.2	0.05	7	380	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/25/09	950	14.54	1349.75					E 0.0029	< 0.008
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/25/09	951			2.2	27	< 0.01	6	350	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/25/09	955	14.54	1349.75						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/12/10	835	14.44	1349.85						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/12/10	836			3.49	25.7	< 0.01	7	360	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/16/11	910	18.36	1345.93						
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	08/16/11	911			2.8	27	< 0.01	8	370	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	10/27/14	905	17.96	1346.33					< 0.008	< 0.008
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	10/27/14	906			3	30	< 0.02	6	330	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	09/22/15	906	15.63	1348.66	2.7	23	< 0.02	6	300	
375300097255801	25S 01W 09DCDD01	IW-34A SHALLOW	09/01/16	951	12.62	1351.67	2.7	24	< 0.02	< 5	320	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/30/02	955	5.38	1375.47						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/30/02	956			< 1	773	0.94	495	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/24/02	905	5.51	1375.34					0.0541	< 0.0045
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/24/02	906			< 1	345	1.07	512	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/24/02	910								
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	10/16/02	1045	5.24	1375.61	< 1.9	390.76	1.191	522.001	< 10	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	10/16/02	1046			< 1	380	1.5	545	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	10/16/02	1047								
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/09/03	945	4.11	1377.75	< 1.9	396.69	1.606	529.099	14.00894	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/09/03	946			< 1	386	1.45	546	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/09/03	947								
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/22/03	855	5.75	1376.11						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/22/03	856			< 1	384	0.78	563	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/13/04	945	4.27	1377.59						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/13/04	946			< 1	409	0.93	575	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	04/21/04	1125	6.31	1375.55						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/12/04	835	4.18	1377.68						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/12/04	836			< 1	436	1	592	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/08/05	1230	4.50	1377.36					0.0509	< 0.005
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/08/05	1231			< 1	374	0.44	528	< 5	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/08/05	1235	4.50	1377.36						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/08/05	1241								
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/07/06	925	5.86	1376.00					0.11	< 0.05
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/07/06	926			< 1	376	0.46	549	< 50	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/26/07	1000	3.21	1378.65					0.09	< 0.05
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/26/07	1001			< 1	338.8	0.68	600	< 100	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/16/08	915	3.95	1377.91						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/16/08	916			< 1	271.9	1.1	575	< 100	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/12/09	1005	5.02	1376.84					0.0535	< 0.008
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/12/09	1006			< 1	314.9	1.46	638	< 100	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	08/12/09	1010	5.02	1376.84						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	09/08/10	930	5.29	1376.57						
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	09/08/10	931			0.89	298.3	1.2	616	< 100	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/14/11	931			0.9	370	0.63	651	< 100	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	07/14/11	935	6.13	1375.73	0.35	351	0.541	634	3.2	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	10/15/14	900	6.64	1375.22					0.029	< 0.008
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	10/15/14	901			0.9	420	0.59	650	< 100	
375115097313601	25S 02W 22DCDC01	IW-35A SHALLOW	10/15/14	905			0.4	368	0.535	619	< 8	
375116097274701	25S 02W 22DCDC01	IW-35A SHALLOW	09/30/15	936			1.1	110	10.7	122	350	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	05/01/02	1010	9.37	1363.53						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	05/01/02	1011				12.24	< 5	< 5		
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/25/02	855	9.76	1363.14	< 1				0.0514	< 0.0045
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/25/02	856			< 1	328	13	< 5	< 5	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/25/02	900								
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	10/17/02	1235	9.38	1363.52	E 0.921832	349.68	12.87	0.986	< 10	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	10/17/02	1236			< 1	314	12.3	< 5	< 5	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	10/17/02	1237								
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	04/10/03	950	8.69	1366.29	< 1.9	368.1	13.21	0.979	< 10	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	04/10/03	951			< 1	363	12.9	< 5	< 5	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	04/10/03	952								
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/23/03	850	9.76	1365.22						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/23/03	851			< 1	385	20.7	< 5	< 5	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	04/12/04	1005	8.41	1366.57					< 0.05	< 0.05
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	04/12/04	1006			< 1	364	13.2	< 1	< 5	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	04/21/04	1245	8.41	1366.57						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/18/04	845	7.91	1367.07					0.038	< 0.005
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/18/04	846			< 1	364	17	< 1	< 5	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/18/04	850	7.91	1367.07						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/18/05	1025	7.72	1367.26					0.13	< 0.05
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/18/05	1026			< 1	325	19.7	< 1	< 5	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/18/05	1031								
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/27/06	935	9.59	1365.39						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/27/06	936			< 1	303	17.5	< 5	< 50	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/25/07	1020	6.93	1368.05					0.06	< 0.05
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/25/07	1021			< 1	284.8	12.59	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/22/08	920	8.08	1366.90					0.0412	< 0.006
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/22/08	921			< 1	300.5	12.8	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/22/08	925	8.08	1366.90						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/24/09	925	7.80	1367.18						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/24/09	926			< 1	292.7	16.3	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	09/02/10	915	7.96	1367.02						
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	09/02/10	916			0.62	250	18.31	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/13/11	1011			0.7	250	76.8	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	07/13/11	1015	9.92	1365.06	0.42	255	75.1	< 0.13	< 3.2	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	10/14/14	910	11.73	1363.25					0.009	< 0.008
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	10/14/14	911			0.6	260	18	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	10/14/14	915			0.42	260	17.4	< 0.4	< 4	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/24/15	916	8.55	1366.43	0.7	230	15.2	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/24/15	920			0.4	243	15.6	< 0.4	< 4	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/08/16	945	7.38	1367.60					0.009	< 0.008
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/08/16	946			0.7	240	19.4	< 5	< 100	
375115097294601	25S 02W 25BBAA01	IW-36A SHALLOW	08/08/16	950			0.34	256	19.4	< 0.4	6.8	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	04/12/02	1110	14.53	1353.72						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	04/12/02	1111			< 1	98	11.3	< 5	< 5	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/25/02	900	15.63	1352.62					< 0.007	< 0.0045
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/25/02	901			< 1	101	11.1	< 5	5.16	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/25/02	902							< 0.05	< 0.05
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/25/02	903							< 0.05	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/25/02	905								
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	04/11/03	950	14.35	1355.62						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	04/11/03	951			< 1	106	14.3	< 5	< 5	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/24/03	855	14.73	1355.24					< 0.05	< 0.05
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/24/03	856			< 1	117	15.6	< 5	< 5	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/24/03	857								< 0.02
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	04/07/04	1010	13.77	1356.20						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	04/07/04	1011			< 1	106	16.3	< 1	< 5	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	04/20/04	1530	13.67	1356.30						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/13/04	840	12.82	1357.15						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/13/04	841			< 1	122	16.3	< 1	< 5	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/12/05	915	12.41	1357.56						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/12/05	916			< 1	102	13.7	< 1	< 5	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/26/06	940	15.01	1354.96					E 0.005	< 0.005
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/26/06	941			< 1	103	12.8	< 5	< 50	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/26/06	945	15.01	1354.96						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/26/07	1025	13.69	1356.28						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/26/07	1026			< 1	177.1	17.47	< 5	< 100	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/17/08	915	13.51	1356.46						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/17/08	916			< 1	172.6	17.7	< 5	< 100	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/13/09	935	19.17	1350.80						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/13/09	936			< 1	172	15.8	< 5	< 100	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/10/10	925	11.57	1353.40					< 0.007	< 0.008
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/10/10	926			0.675	113.7	6.36	< 5	< 100	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	08/10/10	930	11.57	1358.40						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/19/11	955	15.54	1354.43						
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	07/19/11	956			0.7	98	12.2	< 5	< 100	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	10/15/14	905	16.87	1353.10					< 0.008	< 0.008
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	10/15/14	906			0.7	140	14.5	< 5	< 100	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	09/30/15	936	13.02	1356.95	1.1	110	10.7	122	350	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	09/07/16	956	11.02	1358.95	1	92	8.67	46	260	
375116097274701	25S 01W 20CCCC01	IW-37A SHALLOW	09/07/16	1001			1	92	8.65	47	250	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	05/02/02	1020	15.41	1351.69						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	05/02/02	1021			3.32	17	0.13	548	390	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/22/02	935	18.34	1348.76					< 0.007	< 0.0045
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/22/02	936			3.53	17	0.03	522	367	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/22/02	940								
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	04/03/03	920	13.85	1348.25						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	04/03/03	921			3.8	20	0.03	652	966	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/24/03	840	18.52	1343.58					< 0.007	< 0.0045
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/24/03	841			3.86	18	0.05	512	493	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/24/03	845	18.52	1343.58						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	04/14/04	950	13.74	1348.36						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	04/14/04	951			3.94	17	< 0.01	557	912	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	04/21/04	1325	13.80	1348.30						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/17/04	1055	14.05	1348.05						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/17/04	1056			4.4	15	< 0.01	529	691	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/18/05	915	14.28	1347.82						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/18/05	916			5.3	13.5	< 0.01	555	787	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/18/05	921								
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/03/06	935	18.43	1343.67						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/03/06	936			3.88	30.3	< 0.01	529	860	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/25/07	950	15.71	1346.39					E 0.0072	< 0.005
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/25/07	951			3.66	14.3	< 0.01	523	830	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/25/07	955	15.71	1346.39						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/06/07	1250	16.77	1345.33						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/24/08	925	14.09	1348.01						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/24/08	926			3.1	15	< 0.01	576	960	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/17/09	1110	13.96	1348.14						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/17/09	1111			3.5	12.1	< 0.01	563	920	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	09/02/10	930	15.42	1346.68						
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	09/02/10	931			4.77	9.3	0.29	551	900	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/26/11	925	19.55	1342.55					0.007	< 0.008
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	07/26/11	926			4.5	12	0.34	558	950	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	10/14/14	900	17.12	1344.98					0.005	< 0.008
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	10/14/14	901			4.6	15	< 0.02	519	0.6	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/24/15	925	13.15	1348.95					< 0.008	< 0.008
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/24/15	926			4.5	12	< 0.02	590	860	
375141097253801	25S 01W 21DAAA01	IW-38A SHALLOW	08/31/16	926	11.57	1350.53	5.2	9.5	< 0.02	649	930	

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	03/16/10	950	27.69							
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	03/16/10	951		1.14	45.8	13.5	82	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	04/19/10	945	27.43							
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	04/19/10	946		1	43.6	9.2	89	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	08/23/10	945	29.73						0.0114	< 0.008
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	08/23/10	946		1.53	52.4	10.06	29	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	08/23/10	950	29.73							
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	11/02/10	1045	28.57							
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	11/02/10	1046		0.818	< 5	2.39	30	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	03/21/11	1005	26.52							
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	03/21/11	1006		0.87	36.8	2.38	81.4	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	08/24/11	935	30.83							
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	08/24/11	936		2.7	59	24	6	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	09/06/11	930	31.56						0.014	< 0.008
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	09/06/11	931		2.8	59	23.7	8	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	07/15/14	1005	29.19						0.008	< 0.008
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	07/15/14	1006		0.7	42	2.82	49	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	07/21/15	1010	26.82						E 0.009	< 0.008
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	07/21/15	1011		1.2	42	9.38	62	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	07/21/15	1015							E 0.009	< 0.008
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	07/21/15	1016		1.3	42	8.92	63	< 100		
375920097342601	24S 02W 05CCBB01	CMW-01 SHALLOW ASR-P2	06/23/16	1041	24.89	1.1	38	7.79	119	< 100		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	03/17/10	950	14.96							
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	03/17/10	951		10.4	55.6	< 0.01	640	4420		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	04/21/10	930	14.88							
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	04/21/10	931		12.98	57.2	0.01	589	5750		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	08/18/10	920	12.27						< 0.007	< 0.008
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	08/18/10	921		10.7	54.6	< 0.01	485	6190		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	08/18/10	925	12.27							
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	11/03/10	1005	13.10							
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	11/03/10	1006		9.61	55	0.16	483	6570		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	03/22/11	1015	13.98							
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	03/22/11	1016		12.3	53	0.24	474	6160		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	08/24/11	920	15.30						< 0.008	< 0.008
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	08/24/11	921		9.8	50	0.19	478	6460		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	08/24/11	930	15.30	9.5	49.3	< 0.02	460	5840		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	07/23/14	920	15.58						< 0.008	< 0.008
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	07/23/14	921		11	52	< 0.02	421	5540		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	07/23/14	925							< 0.008	< 0.008
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	07/23/14	926		11	49	< 0.02	412	5520		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	07/23/15	911		10.1	52	< 0.02	405	5510		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	06/22/16	1005	11.26						< 0.008	< 0.008
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	06/22/16	1006		10.1	52	< 0.02	459	5890		
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	06/22/16	1010							< 0.008	< 0.008
375722097360601	24S 03W 13CDDDD01	CMW-02 SHALLOW ASR-P2	06/22/16	1011		10.1	52	< 0.02	467	5920		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	03/18/10	945	17.75							
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	03/18/10	946		22.9	26.4	0.01	748	21800		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	04/26/10	1000	18.27							
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	04/26/10	1001		29.4	29.4	< 0.01	769	23110		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	08/23/10	945	16.23						0.026	< 0.008
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	08/23/10	946		16.7	25.6	< 0.01	327	8040		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	08/23/10	950	16.23							
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	11/04/10	955	16.92							
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	11/04/10	956		19.9	32.2	0.18	591	16890		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	03/23/11	945	18.42							
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	03/23/11	946		25.9	25	0.18	419	12500		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	08/25/11	910	20.03						0.014	< 0.008
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	08/25/11	911		43.4	39	0.26	633	18300		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	08/25/11	920	20.03	45.7	37.7	< 0.02	580	17000		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	07/22/14	940	19.35						0.028	< 0.008
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	07/22/14	941		38.4	12	< 0.02	231	7690		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	07/23/15	901	17.14	54.9	41	< 0.02	736	22900		
375722097333601	24S 02W 17DCDD01	CMW-03 SHALLOW ASR-P2	06/27/16	1016	13.45	50	23	< 0.02	485	13800		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	03/23/10	1000	13.67							
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	03/23/10	1001		2.2	100.4	3	133	1260		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	04/27/10	955	13.73							
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	04/27/10	956		2.27	101.4	2.82	166	1890		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	08/30/10	935	11.85						E 0.0058	< 0.008
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	08/30/10	936		1.14	66.9	3.59	93	< 100		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	08/30/10	940	11.85							
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	11/08/10	955	12.36							
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	11/08/10	956		1.23	65.9	3.12	57	< 100		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	03/24/11	955	13.18							
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	03/24/11	956		2.15	81.9	3.6	46.2	< 100		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	08/29/11	925	15.27						0.024	< 0.008
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	08/29/11	926		1.8	66	5.02	54	< 100		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	07/23/14	935	14.77						0.005	< 0.008
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	07/23/14	936		1.2	71	1.16	26	< 100		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	07/22/15	1100	14.61						< 0.008	< 0.008
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	07/22/15	1101		1.2	70	1.5	54	< 100		
375630097353601	24S 03W 24DDDC01	CMW-04 SHALLOW ASR-P2	06/27/16	1011	11.40	1	72	0.96	23	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic	Chloride	Nitrate	Manganese	Iron	Atrazine	Alachlor
						ug/L ³	mg/L ⁴	mg/L ⁴	ug/L ³	ug/L ³	ug/L ³	ug/L ³
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	03/24/10	945	22.96							
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	03/24/10	946		3	13.5	12.4	33	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	04/28/10	930	23.43							
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	04/28/10	931		2.58	13.6	13	32	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	08/30/10	930	23.95						0.0227	< 0.008
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	08/30/10	931		1.94	13.1	9.33	32	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	08/30/10	935	23.95							
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	11/09/10	920	23.60							
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	11/09/10	921		2.58	16.4	10.73	30	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	03/28/11	945	23.13							
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	03/28/11	946		2.2	16	12.9	31.1	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	08/29/11	935	27.23						0.019	< 0.008
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	08/29/11	936		2.3	15	9.94	32	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	07/30/14	915	24.89						0.009	< 0.008
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	07/30/14	916		2.1	23	12.3	32	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	07/27/15	916	22.63	3.1	25	13	32	< 100		
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	06/29/16	945	18.32						0.009	< 0.008
375629097312301	24S 02W 22DCDD01	CMW-05 SHALLOW ASR-P2	06/29/16	946		2.6	26	13.2	38	< 100		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	03/25/10	950	21.34							
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	03/25/10	951		8.4	7	< 0.01	645	680		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	05/03/10	925	21.77							
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	05/03/10	926		8.82	7.8	< 0.01	628	1060		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	08/31/10	920	23.50						< 0.007	< 0.008
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	08/31/10	921		7.29	6.6	< 0.01	525	1810		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	08/31/10	925	23.50							
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	11/10/10	1000	20.76							
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	11/10/10	1001		7.09	7.4	0.2	581	1530		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	03/30/11	1000	21.44							
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	03/30/11	1001		7.3	7.4	0.2	518	2470		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	08/30/11	910	27.60						< 0.008	< 0.008
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	08/30/11	911		7.3	6.4	0.18	519	2780		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	08/30/11	921		7.1	6.4	0.17	524	2830		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	07/29/14	935	24.20						< 0.008	< 0.008
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	07/29/14	936		9.2	11	< 0.02	460	3220		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	07/28/15	906	21.99	8.3	9.8	< 0.02	492	3410		
375537097314201	24S 02W 27CDDD01	CMW-06 SHALLOW ASR-P2	06/30/16	931	16.09	7.9	9	< 0.02	548	310		

fbg¹ - feet below grade
 NGVD29² - National Geodetic Vertical Datum 1929

ug/L³ - micrograms per liter
 mg/L⁴ - milligrams per liter

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	11/19/01	1235	56.40	1411.50							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	11/19/01	1236			12	6	0.07	144	20.2		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/27/02	1205	55.23	1412.67						< 0.05	< 0.05
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/27/02	1206			12.1	< 5	0.04	164	37		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/27/02	1207								0.06	
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	02/11/03	1220	57.92	1416.19							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	02/11/03	1221			13	8	0.03	230	75.9		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/19/03	1105	51.32	1422.79						< 0.007	< 0.0045
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/19/03	1106			12.1	< 5	0.05	243	83		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	01/13/04	1240	56.63	1417.48							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	01/13/04	1241			15.1	< 5		251.9	92.1		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	07/01/04	1105	55.19	1418.92							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	07/01/04	1106			16.2	< 5	0.05	280	181		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/28/05	1255	50.10	1424.01							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/28/05	1256			14.4	< 5	1.94	297	192		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	05/19/06	1225	56.69	1417.42						< 0.05	< 0.05
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	05/19/06	1226			19.9	< 5	0.12	312	230		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/19/07	1215	50.30	1423.81						< 0.007	< 0.005
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/19/07	1216			15	< 5	0.01	296	180		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/09/08	1105	50.82	1423.29							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/09/08	1106			15	< 5	0.01	310	200		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/03/09	1200	48.88	1425.23							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/03/09	1201			15	< 5	< 0.01	327	290		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/03/10	1135	52.27	1421.84							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/03/10	1136			15.9	< 5	< 0.01	308	320		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/06/11	1200	57.03	1417.08						< 0.008	< 0.008
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/06/11	1201			17.5	< 5	< 0.01	336	376		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/13/12	1140	61.51	1412.60							
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	06/13/12	1141			15.6	< 5	0.11	336	390		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	07/10/13	1046	68.33	1405.78	16.1	< 5	0.01	334	320		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	08/06/14	1100	64.53	1409.58						< 0.008	< 0.008
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	08/06/14	1101			15.2	6.4	< 0.02	336	400		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	07/28/15	1110	61.06	1413.05						< 0.008	< 0.008
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	07/28/15	1111			15.1	5.5	< 0.02	350	430		
380421097385002	23S 03W 03CCCC02	IW-01C DEEP	07/26/16	1131	56.55	1417.56	14.8	5.3	< 0.02	368	450		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	11/15/01	1215	36.68	1411.12						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	11/15/01	1216								
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/10/02	1150	36.14	1411.66	2.03	8	0.04	158	178	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/10/02	1151			1.42	6	0.03	146	383	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	02/10/03	1210	37.90	1411.60						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	02/10/03	1211			1.48	9	0.03	124	460	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/18/03	1155	33.43	1416.07					< 0.007	< 0.0045
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/18/03	1156			1.28	6	0.05	125	506	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	01/14/04	1140	36.94	1412.56						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	01/14/04	1141			1.37	< 5		111.3	566.6	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/23/04	1035	37.02	1412.48						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/23/04	1036			< 1	< 5	0.01	106	565	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/30/05	1045	35.05	1414.45						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/30/05	1046			< 1	6	0.08	98	636	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	04/27/06	1240	39.17	1410.33						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	04/27/06	1241			1.65	9.3	0.12	101	730	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	09/13/06	1205	48.76	1400.74					< 0.007	< 0.005
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	09/13/06	1206			1.6	5.2	0.09	97	690	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	11/16/06	1135	40.60	1408.90						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	11/16/06	1136			1.1	5.3	0.13	98	700	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	03/05/07	1130	40.12	1409.38						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	03/05/07	1131			1.7	10	0.06	112	840	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	05/21/07	1205	31.05	1418.45						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	05/21/07	1206			2.22	< 5	< 0.01	160	890	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/19/07	1210	27.53	1421.97					0.0518	< 0.005
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/19/07	1211			1.6	< 5	< 0.01	168	910	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	08/30/07	1135	46.87	1402.63						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	08/30/07	1136			1.7	< 5	< 0.01	168	870	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	02/20/08	1120	32.20	1417.30						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	02/20/08	1121			< 1	< 5	< 0.01	142	730	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/10/08	1135	33.45	1416.05						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/10/08	1136			< 1	< 5	< 0.01	161	750	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	08/12/08	930	40.69	1408.81						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	08/12/08	931			< 1	6	< 0.01	161	770	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/04/09	1125	31.55	1417.95						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/04/09	1126			< 1	< 5	< 0.01	93	510	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/03/10	1205	32.61	1416.89						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/03/10	1206			0.706	5.2	< 0.01	64	440	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/06/11	1120	37.13	1412.37					0.008	0.009
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/06/11	1121			1.3	20	< 0.01	80.4	779	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/13/12	1130	44.77	1404.73						
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/13/12	1131			1.2	9	0.13	73	740	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	07/10/13	1031	51.42	1398.08	1.5	12	< 0.01	75	880	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/02/14	1230	36.80	1412.70					< 0.008	< 0.008
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	06/02/14	1231			1.3	15	< 0.02	71	940	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	08/05/14	1045	51.93	1397.57					< 0.008	< 0.008
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	08/05/14	1046			1.4	11	0.02	79	910	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	07/29/15	1100	47.42	1402.08					< 0.008	< 0.008
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	07/29/15	1101			1.3	14	< 0.02	75	980	
380329097363702	23S 03W 12CCCC02	IW-02C DEEP	07/26/16	1131	45.81	1403.69	1.3	12	< 0.02	79	960	

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³	
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	11/05/01	1230	12.06	1393.87							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	11/05/01	1231									
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/26/02	1150	12.13	1393.80	9.223043	5.4	< 0.05	191.942	35.59607	< 0.05	< 0.05
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/26/02	1151			9.3	5	< 0.01	210	37.8		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/26/02	1152								< 0.05	
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	02/12/03	1135	12.55	1394.89							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	02/12/03	1136			9.08	9	< 0.01	227	43.4		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/18/03	1040	9.14	1398.30							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/18/03	1041			8.59	6	< 0.01	229	46.8		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	01/21/04	1100	11.16	1396.28							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	01/21/04	1101			10.4	5		218.7	44.2		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/09/04	1050	15.47	1391.97						< 0.007	< 0.005
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/09/04	1051			9.38	5	< 0.01	232	47		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	07/07/05	930	10.18	1397.26							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	07/07/05	931			8.45		< 0.01	234	47		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/15/06	1145	20.64	1386.80							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/15/06	1146			9.6	5.3	0.14	234	60		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/12/07	1130	12.07	1395.37							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/12/07	1131			8.6	< 5	< 0.01	232	< 100		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/10/08	1115	10.49	1396.95						< 0.007	< 0.006
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/10/08	1116			9.2	< 5	< 0.01	240	< 100		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/04/09	1110	9.01	1398.43							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/04/09	1111			8.7	< 5	< 0.01	240	100		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/22/10	1110	10.79	1396.65							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/22/10	1111			10.7	< 5	< 0.01	235	110		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/01/11	1120	12.51	1394.93							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/01/11	1121			10.2	< 5	0.13	243	105		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/25/12	1110	16.86	1390.58							
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	06/25/12	1111			9.5	< 5	0.12	249	110		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	07/11/13	1041	27.56	1379.88	9.9	< 5	< 0.01	241	< 100		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	08/06/14	1120	21.18	1386.26						< 0.008	< 0.008
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	08/06/14	1121			9.3	7.7	< 0.02	241	110		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	08/12/15	1051	14.03	1393.41	9.4	6.7	< 0.02	248	120		
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	07/20/16	1215	14.16	1393.28						< 0.008	< 0.008
380328097342502	23S 02W 17BBBB02	IW-03C DEEP	07/20/16	1216			9	6.7	< 0.02	261	120		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	11/20/01	1255	20.75	1422.27							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	11/20/01	1256			6.48	112	< 0.01	515	290		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/11/02	1300	20.73	1422.29							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/11/02	1301			6.74	131	< 0.01	534	317		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	02/20/03	1055	22.47	1419.89							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	02/20/03	1056			7.72	95	1.83	549	426		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/20/03	940	20.92	1421.44							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/20/03	941			7.37	123	0.04	528	376		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	01/20/04	1025	22.07	1420.29							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	01/20/04	1026			8.03	116		492	442		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/09/04	940	25.28	1417.08						< 0.007	< 0.005
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/09/04	941				122	< 0.01	562	508		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	07/07/05	1155	21.08	1421.28							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	07/07/05	1156			6.09	134.4	< 0.01	559	512		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/01/06	1305	22.92	1419.44							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/01/06	1306			7.73	134	< 0.01	577	530		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/21/07	1035	19.70	1422.66							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/21/07	1036			8.1	139.1	< 0.01	549	510		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/11/08	1205	18.75	1423.61						< 0.007	< 0.006
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/11/08	1206			8.3	156.7	< 0.01	624	590		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/09/09	1145	16.79	1425.57							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/09/09	1146			6.3	152.3	< 0.01	642	630		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/28/10	1140	20.53	1421.83							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/28/10	1141			8.9	148.3	< 0.01	605	600		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/01/11	1136	19.71	1422.65							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/26/12	1205	26.91	1415.45							
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	06/26/12	1210			6.5	153	< 0.04	602	627		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	07/11/13	1146	32.65	1409.71			< 0.01	612	670		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	08/12/14	1145	26.97	1415.39						< 0.008	< 0.008
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	08/12/14	1146			7.2	160	< 0.02	597	660		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	08/25/15	0941	25.61	1416.75			< 0.02	698	740		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	08/25/15	0945			6.7	160	< 0.04	628	658		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	07/20/16	1150	21.64	1420.72						< 0.008	< 0.008
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	07/20/16	1151			7.4	170	< 0.02	723	680		
380130097385002	23S 03W 27BCBB02	IW-04C DEEP	07/20/16	1155			6.6	169	< 0.04	646	634		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	11/06/01	1240	26.80	1411.65							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	11/06/01	1241			6.62	64	< 0.01	449	556		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/10/02	1210	25.72	1412.73							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/10/02	1211			4.76	94	0.02	512	691		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	02/13/03	1155	27.78	1414.80							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	02/13/03	1156			5.41	146	0.2	711	838		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/20/03	1055	26.58	1416.00							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/20/03	1056			5.36	145	0.19	676	938		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	02/17/04	1250	27.33	1415.25							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	02/17/04	1251			5.78	168	0.11	752.2	1025.7		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	07/19/04	1130	39.65	1402.93							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	07/19/04	1131			5.9	176	0.37	775	993		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	07/15/05	1130	31.41	1411.17							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	07/15/05	1131			4.84	174	0.095	800	1168		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	07/05/06	1210	36.03	1406.55						0.0093	< 0.005
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	07/05/06	1211			5.42	155	0.08	787	1000		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/14/07	1155	23.70	1418.88							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/14/07	1156			5.7	190	0.01	793	1190		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/17/08	1220	25.07	1417.51							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/17/08	1221			3.7	145.8	0.01	725	1150		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/08/09	1225	22.11	1420.47							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/08/09	1226			< 1	176.6	0.1	234	100		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/29/10	1205	31.13	1411.45						0.0112	< 0.008
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/29/10	1206			6.4	183.6	< 0.01	763	1230		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/02/11	1115	24.85	1417.73							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/02/11	1116			6.5	200	0.16	833	1350		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/28/12	1205	35.93	1406.65							
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	06/28/12	1206			6.3	230	0.19	911	1460		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	07/18/13	1101	39.30	1403.28	6.1	230	< 0.01	877	1410		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	10/20/14	1135	28.60	1413.98						0.009	< 0.008
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	10/20/14	1136			5.6	260	0.02	1040	1670		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	08/20/15	1101	33.40	1409.18	6.1	230	< 0.02	1060	1700		
380144097371102	23S 03W 23DCCC02	IW-05C DEEP	10/17/16	1221	20.04	1422.54	6.4	270	< 0.02	1090	1610		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
380143097344202	23S 02W 30AAB02	IW-06C DEEP	11/06/01	1320	33.78	1397.27							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	11/06/01	1321			6.67	9	1.2	213	513		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/24/02	1225	30.79	1400.26						< 0.05	< 0.05
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/24/02	1226			5.39	6	0.26	240	288		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/24/02	1227								< 0.05	
380143097344202	23S 02W 30AAB02	IW-06C DEEP	02/20/03	1140	33.61	1398.72							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	02/20/03	1141			5.89	11	0.41	279	487		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/23/03	1105	38.38	1393.95						< 0.007	< 0.0045
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/23/03	1106			5.36	8	0.9	278	531		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	02/18/04	1155	30.90	1401.43							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	02/18/04	1156			6.72	6	0.14	267.7	422.7		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/17/04	1105	36.26	1396.07							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/17/04	1106			5.9	6	0.22	290	597		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	07/14/05	950	45.59	1386.74							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	07/14/05	951			4.8	14.8	0.14	299	721		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	07/14/06	1150	48.07	1384.26							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	07/14/06	1151			14.1	7.1	0.65	299	590		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/20/07	1225	31.88	1400.45						< 0.007	< 0.005
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/20/07	1226			5.3	< 5	0.05	292	560		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/18/08	1145	31.94	1400.39							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/18/08	1146			4	< 5	0.04	296	640		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/15/09	1140	28.67	1403.66							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/15/09	1141			< 1	< 5	0.04	307	850		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	07/20/10	1225	41.61	1390.72							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	07/20/10	1226			6.05	< 5	0.03	304	800		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/08/11	1225	29.34	1402.99						< 0.008	< 0.008
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/08/11	1226			5.4	5.4	0.11	308	601		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/28/12	1100	43.53	1388.80							
380143097344202	23S 02W 30AAB02	IW-06C DEEP	06/28/12	1101			4.6	5.6	0.2	274	320		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	07/18/13	1021	53.53	1378.80	4.7	6.4	0.08	294	460		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	10/28/14	1050	31.24	1401.09						< 0.008	< 0.008
380143097344202	23S 02W 30AAB02	IW-06C DEEP	10/28/14	1051			4.6	8.4	0.07	265	420		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	08/19/15	1115	37.78	1394.55						< 0.008	< 0.008
380143097344202	23S 02W 30AAB02	IW-06C DEEP	08/19/15	1116			4.5	7.3	0.04	313	550		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	08/19/15	1120								< 0.008	< 0.008
380143097344202	23S 02W 30AAB02	IW-06C DEEP	08/19/15	1121			4.6	7.3	0.04	309	550		
380143097344202	23S 02W 30AAB02	IW-06C DEEP	10/18/16	1146	23.75	1408.58	4.9	7.1	0.04	293	460		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	03/20/02	1300	44.10	1380.25							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	03/20/02	1301			13	12	< 0.01	315	35.3		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/11/02	1125	42.22	1382.13							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/11/02	1126			12	9	< 0.01	307	45.6		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	02/19/03	1220	45.34	1381.23							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	02/19/03	1221			12.3	12	< 0.01	304	46		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/24/03	1030	51.36	1375.21							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/24/03	1031			12.2	10	0.01	292	39.9		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	02/11/04	1135	44.92	1381.65							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	02/11/04	1136			13.8	9	0.05	270.3	51.5		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/24/04	1115	44.88	1381.69						0.0071	< 0.005
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/24/04	1116			12.4	10	< 0.01	265	46		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	07/08/05	1050	50.18	1376.39							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	07/08/05	1051			10.9	8.9	< 0.01	272	44		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/01/06	1135	47.86	1378.71							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/01/06	1136			13	9	< 0.01	253	< 50		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/13/07	1350	41.00	1385.57							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/13/07	1351			13	5.7	< 0.01	244	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/11/08	1110	45.83	1380.74						< 0.007	< 0.006
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/11/08	1111			13	< 5	< 0.01	248	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/08/09	1145	40.89	1385.68							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/08/09	1146			12	6.1	< 0.01	251	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/28/10	1150	46.44	1380.13							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/28/10	1151			14.5	6	< 0.01	250	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/02/11	1120	41.30	1385.27							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	06/02/11	1121			13.9	8.4	0.12	279	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	07/09/12	1150	62.39	1364.18							
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	07/09/12	1151			13.6	8.4	0.11	240	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	09/18/13	1150	49.79	1376.78	13.7	9.5	< 0.02	248	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	08/12/14	1100	53.88	1372.69						< 0.008	< 0.008
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	08/12/14	1100			12.4	12	< 0.02	255	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	08/26/15	1051	45.69	1380.88	11.5	11	< 0.02	286	< 100		
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	08/01/16	1200	50.84	1375.73						< 0.008	< 0.008
380051097330902	23S 02W 28CCDC02	IW-07C DEEP	08/01/16	1201			12.5	9.4	< 0.02	297	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	11/07/01	1255	14.21	1423.89							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	11/07/01	1256			14.1		< 0.01	1420	15800		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/25/02	1245	14.46	1423.64	10.3	1283.75	< 0.034	1313.33	15498.17	< 0.05	< 0.05
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/25/02	1246			10.3	E 865	0.13	1310	15400		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/25/02	1247								< 0.05	
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	10/16/02	1005	16.24	1421.86	10.80143	1252.57	0.959	1291.66	14314.59		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	10/16/02	1006			10.8	1413	0.85	1320	15300		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	02/13/03	1235	15.88	1423.76		1294.23	< 0.051	1297.13	15194.39		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	02/13/03	1236			10.6	E 1458	0.85	1360	15600		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/19/03	1210	14.84	1424.80						< 0.007	< 0.0045
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/19/03	1211			10.4	1324	0.88	1320	14900		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	01/21/04	1215	16.01	1423.63							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	01/21/04	1216			14.9	1290		1282.2	15277.9		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/07/04	1030	14.92	1424.72							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/07/04	1031				1288	0.31	1285	15289		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/18/05	1045	13.77	1425.87							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/18/05	1046			9.04	1288	< 0.01	1251	14821		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/29/06	1125	15.16	1424.48							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/29/06	1126			11	1228	0.04	1167	13860		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/26/07	1235	14.97	1424.67						< 0.007	< 0.005
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/26/07	1236			9.7	1186	0.37	1124	13700		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/08/08	1120	13.03	1426.61							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/08/08	1121			6	1174.7	0.39	1068	13620		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/11/09	1210	11.16	1428.48							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/11/09	1211			10	1084.9	0.36	1029	13040		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/19/10	1205	10.90	1428.74							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/19/10	1206			13	1063.1	0.73	970	12250		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/14/11	1145	12.39	1427.25						< 0.008	< 0.008
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	06/14/11	1146			16.4	1100	0.41	916	11600		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/05/12	1220	16.69	1422.95							
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/05/12	1221			16.1	1100	< 0.05	863	10800		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	11/13/13	1121	15.93	1423.71	14.4	1100	< 0.02	883	11000		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	08/13/14	1100	15.74	1423.90						< 0.008	< 0.008
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	08/13/14	1101			13.2	1100	< 0.1	826	10600		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	08/26/15	1120	15.37	1424.27						< 0.008	< 0.008
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	08/26/15	1121			12.6	1100	< 0.1	843	10500		
380016097384902	23S 03W 34CBCB02	IW-08C DEEP	07/27/16	1216	13.07	1426.57	14.5	1000	< 0.1	885	10400		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	03/19/02	1305	23.10	1404.70						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	03/19/02	1306			16.9	22	0.02	399	84.5	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/24/02	1045	26.23	1401.57						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/24/02	1046			17	31	0.41	409	97.5	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	02/14/03	1335	26.68	1404.53						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	02/14/03	1336			16.6	29	0.31	435	119	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/25/03	1135	27.15	1404.06					< 0.007	< 0.0045
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/25/03	1136			16.2	30	0.03	383	74.4	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	02/10/04	1225	29.13	1402.08						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	02/10/04	1226			19.5	49	< 0.01	429.7	102.4	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/25/04	1130	27.38	1403.83						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/25/04	1131			21	51	0.13	428	98	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	07/11/05	1030	29.33	1401.88						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	07/11/05	1031			14	47.5	0.36	417	76	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/14/06	1235	27.68	1403.53						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/14/06	1236			18.3	49.8	0.3	450	100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/20/07	1220	27.01	1404.20					< 0.007	< 0.005
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/20/07	1221			19	42.4	< 0.01	421	< 100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/12/08	1110	25.00	1406.21						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/12/08	1111			21	55.4	0.06	469	< 100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	02/10/09	1125	22.97	1408.24						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	02/10/09	1126			14	57.8	0.17	469	110	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	04/02/09	1215	21.08	1410.13						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	04/02/09	1216			13	55.5	0.18	486	110	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	04/22/09	1200	23.14	1408.07						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	04/22/09	1201			17	57.8	< 0.01	472	< 100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/10/09	1120	23.03	1408.18						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/10/09	1121			16	56.8	< 0.01	459	< 100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	07/14/09	1150	24.26	1406.95						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	07/14/09	1151			18	58.4	< 0.01	473	110	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	08/19/09	1150	26.18	1405.03						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	08/19/09	1151			16	66.9	< 0.01	473	< 100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	11/17/09	1145	21.30	1409.91						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	11/17/09	1146			17	55.6	0.16	485	100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	03/09/10	1155	20.90	1410.31						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	03/09/10	1156			19.2	73.5	0.01	517	120	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/24/10	1145	21.18	1410.03						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/24/10	1146			22	70.8	< 0.01	502	< 100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/08/11	1120	24.03	1407.18						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/08/11	1121			21.1	60	0.14	510	125	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/14/12	1125	29.42	1401.79						
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	06/14/12	1126			18.3	75	0.14	498	< 100	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	07/17/13	1036	32.11	1399.10	20.1	57	0.02	458	0.1	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	08/13/14	1100	26.87	1404.34					< 0.008	< 0.008
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	08/13/14	1101			17.8	71	< 0.02	506	150	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	08/04/15	1055	24.76	1406.45					< 0.008	< 0.008
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	08/04/15	1056			17.6	62	< 0.02	510	150	
375958097363802	24S 03W 02AAAA02	IW-09C DEEP	07/27/16	1111	26.16	1405.05	17.1	67	< 0.02	550	180	

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	03/22/02	1210	35.63	1396.62							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	03/22/02	1211			8.8	14	0.02	252	695		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/20/02	1150	34.91	1397.34							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/20/02	1151			8.94	14	0.07	242	674		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	02/21/03	1210	38.83	1393.15							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	02/21/03	1211			8.5	16	0.11	258	791		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/26/03	1130	38.03	1393.95							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/26/03	1131			8.33	17	< 0.01	246	793		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	02/17/04	1215	38.98	1393.00							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	02/17/04	1216			9.78	17	0.06	243.7	891.4		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/15/04	1105	37.99	1393.99							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/15/04	1106			8.78	21	0.46	243	860		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/21/05	1200	40.28	1391.70							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/21/05	1201			8.01	18	0.03	254	898		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/19/06	1155	40.93	1391.05						0.0145	< 0.005
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/19/06	1156			8.73	21.1	0.3	242	820		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/14/07	1130	38.31	1393.67							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/14/07	1131			8.1	16.3	< 0.01	244	850		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/23/08	1115	35.35	1396.63							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/23/08	1116			6.7	20.5	< 0.01	252	1030		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/29/09	1125	34.23	1397.75						< 0.05	< 0.05
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/29/09	1126			7.4	18.6	< 0.01	256	940		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/12/10	1225	34.73	1397.25						0.0144	< 0.008
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/12/10	1226			9.39	20.2	< 0.01	256	960		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	08/31/10	1150	37.87	1394.11						0.0133	< 0.008
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	08/31/10	1151			8.73	18.2	< 0.01	250	950		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/09/11	1200	31.11	1400.87							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	06/09/11	1201			9.4	23	< 0.01	261	1040		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	08/09/12	1010	42.87	1389.11							
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	08/09/12	1011			9.4	23	< 0.01	246	900		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	07/16/13	1031	42.72	1389.26	9.7	28	0.07	249	960		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	08/25/14	1130	39.71	1392.27						0.009	< 0.008
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	08/25/14	1131			8.2	32	< 0.02	263	1030		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	09/10/15	1116	34.39	1397.59	7.8	30	< 0.02	263	1110		
375959097344202	23S 02W 31DDCC02 IW-10C DEEP	08/22/16	1131	31.87	1400.11	8.1	34	< 0.02	297	1300		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	11/20/01	1145	36.85	1374.75							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	11/20/01	1146			8.23	10	0.02	94.5	17.4		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/26/02	1135	35.93	1375.67							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/26/02	1136			12.1	7	< 0.01	206	54.6		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	02/21/03	1115	36.27	1379.50							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	02/21/03	1116			10.8	10	< 0.01	217	58		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/25/03	1050	40.53	1375.24							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/25/03	1051			11.8	8	0.02	238	62.3		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	02/24/04	1130	37.54	1378.23							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	02/24/04	1131			15.2	7	< 0.01	247.5	91.5		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/14/04	1105	39.81	1375.96							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/14/04	1106			14.2	7	< 0.01	261	114		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/19/05	1125	41.47	1374.30						< 0.007	< 0.005
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/19/05	1126			12.4	7	< 0.01	275	137		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/27/06	1135	39.36	1376.41							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/27/06	1136			13.4	6.6	< 0.01	280	140		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/18/07	1220	33.77	1382.00							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/18/07	1221			14	5.1	< 0.01	272	150		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/02/08	1215	35.42	1380.35							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/02/08	1216			11	5.9	< 0.01	288	180		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/15/09	1130	39.17	1376.60						< 0.007	< 0.008
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/15/09	1131			13	6	0.04	281	200		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/30/10	1115	36.58	1379.19							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/30/10	1116			15.12	5.4	< 0.01	279	210		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/07/11	1115	34.68	1381.09							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/07/11	1116			14.2	6.8	0.12	306	228		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/14/12	1115	40.83	1374.94							
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	06/14/12	1116			13.5	6.7	0.14	298	210		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	09/24/13	1110	40.80	1374.97						< 0.008	< 0.008
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	09/24/13	1111			13.5	8.8	< 0.02	291	240		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	08/19/14	1100	39.06	1376.71						< 0.008	< 0.008
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	08/19/14	1101			12.8	9.6	< 0.02	294	240		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	08/13/15	1036	35.46	1380.31	13.3	8.6	< 0.02	307	270		
375932097321302	24S 02W 03CBBB02	IW-11C DEEP	07/28/16	1041	36.43	1379.34	12.6	8.5	< 0.02	320	310		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	11/16/01	1210	19.75	1367.60							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	11/16/01	1211			17.4	77	0.57	1400	1590		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/08/02	1200	19.85	1367.50						< 0.05	< 0.05
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/08/02	1201			15.1	78	0.05	1400	1960		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/08/02	1202								< 0.05	
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	03/04/03	1140	20.10	1367.29							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	03/04/03	1141			16.3	68	< 0.01	1390	2150		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/26/03	1050	19.32	1368.07						< 0.007	< 0.0045
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/26/03	1051			15.2	75	0.02	1300	1940		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	02/09/04	1225	20.10	1367.29							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	02/09/04	1226			19	82	< 0.01	1440	2290		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	02/23/04	1155	19.84	1367.55							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	02/23/04	1156			18.8	83	< 0.01	1445.7	2351.4		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/06/04	1105	18.17	1369.22							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/06/04	1106			19.1	79	< 0.01	1352	2145		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/12/05	1055	16.99	1370.40							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/12/05	1056			14.4	71.8	0.06	1181	1912		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/28/06	1200	19.98	1367.41							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/28/06	1201			15.5	66.5	1.18	1289	2130		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/27/07	1205	16.84	1370.55						< 0.007	< 0.005
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/27/07	1206			16	71.7	< 0.01	1261	2080		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/12/08	1035	17.83	1369.56							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/12/08	1036			20	69.8	< 0.01	1241	2180		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/15/09	1135	16.66	1370.73							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/15/09	1136			12	67.8	0.27	1156	2100		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/29/10	1200	17.03	1370.36							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/29/10	1201			19.13	67.6	< 0.01	1140	2040		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/14/11	1140	20.11	1367.28						< 0.008	< 0.008
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/14/11	1141			18.1	78	0.32	1350	2320		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/21/12	1050	20.60	1366.79							
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	06/21/12	1051			18.2	77	0.3	1300	2320		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/17/13	1041	21.92	1365.47	20.1	85	< 0.02	1230	2200		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	08/19/14	1115	19.66	1367.73						< 0.008	< 0.008
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	08/19/14	1116			14.6	75	< 0.02	1220	2300		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	08/11/15	1050	17.99	1369.40						< 0.008	< 0.008
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	08/11/15	1051			14.2	66	< 0.02	1280	2270		
375958097300002	24S 02W 01BBBB02	IW-12C DEEP	07/28/16	1111	16.23	1371.16	14.7	60	< 0.02	1260	217		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	12/05/01	1230	12.00	1420.70							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	12/05/01	1231			15.5	156	< 0.01	528	1670		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/27/02	1205	11.87	1420.83							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/27/02	1206			17.8	158	0.02	502	1960		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	03/06/03	1140	13.08	1423.47							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	03/06/03	1141			17.1	159	< 0.01	512	2160		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/27/03	1120	12.12	1424.43							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/27/03	1121			18	165	0.01	490	2060		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	02/24/04	1135	13.32	1423.23							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	02/24/04	1136			20.6	138	< 0.01	488.8	2187.2		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	07/08/04	1100	11.46	1425.09							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	07/08/04	1101				164	< 0.01	496	2208		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	08/01/05	940	10.96	1425.59						< 0.007	< 0.005
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	08/01/05	941			17	148	< 0.01	502	2167		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/29/06	1205	11.89	1424.66							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/29/06	1206			19.5	139	< 0.01	486	2210		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/25/07	1130	10.39	1426.16							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/25/07	1131			17	146	< 0.01	484	2200		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/23/08	1125	8.59	1427.96							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/23/08	1126			12	142.9	< 0.01	464	2250		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	07/27/09	1205	9.46	1427.09						< 0.007	< 0.008
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	07/27/09	1206			17	18.6	< 0.01	461	2220		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	07/14/10	1035	6.57	1429.98							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	07/14/10	1036			17.1	142.8	< 0.01	481	2310		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/09/11	1140	10.39	1426.16							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/09/11	1141			19.7	140	0.25	484	2280		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/20/12	1125	12.44	1424.11							
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	06/20/12	1126			18.1	140	0.2	471	2240		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	09/10/13	1050	11.54	1425.01						< 0.008	< 0.008
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	09/10/13	1051			18.5	140	< 0.02	456	2200		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	08/20/14	1050	11.55	1425.00						< 0.008	< 0.008
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	08/20/14	1051			16.3	140	0.02	433	2120		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	10/21/14	1026	12.17	1424.38	16.2	140	< 0.02	474	2250		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	09/09/15	1046	11.57	1424.98	15.1	130	< 0.02	458	2230		
375815097385002	24S 03W 09DDDD02	IW-13C DEEP	08/24/16	1111	8.13	1428.42	15.9	130	< 0.02	498	2310		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	12/06/01	1205	17.85	1402.85						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	12/06/01	1206								
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/25/02	1105	17.35	1403.35	14.8	130	< 0.01	1070	1940	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/25/02	1106			16.1	135	0.09	1040	2070	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	03/04/03	1150	20.36	1402.21						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	03/04/03	1151			16.5	118	0.01	1030	2090	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/27/03	1100	20.38	1402.19						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/27/03	1101			14.5	124	0.01	966	1900	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	02/23/04	1205	20.59	1401.98						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	02/23/04	1206			18.5	118	< 0.01	978.3	2095.8	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/22/04	1020	21.22	1401.35						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/22/04	1021			19	125	< 0.01	1003	2124	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/19/05	925	17.82	1404.75					0.0085	< 0.005
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/19/05	926			16.2	117	< 0.01	1014	2245	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/26/05	940	19.28	1403.29						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/26/05	941			17.9	116	< 0.01	1027	2244	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/13/06	1205	18.85	1403.72					< 0.05	< 0.05
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/13/06	1206			15.9	126	< 0.01	1042	2370	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/21/07	1140	16.35	1406.22						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/21/07	1141			17	121.8	< 0.01	1041	2440	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/01/08	1110	13.32	1409.25						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/01/08	1111			14	125.1	< 0.01	1160	2800	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/15/09	1210	15.58	1406.99					0.0258	< 0.008
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/15/09	1211			16	125.4	0.05	1186	2850	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/12/10	1105	10.44	1412.13						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	07/12/10	1106			21.81	119.9	< 0.01	725	1920	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/20/11	1040	13.75	1408.82						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/20/11	1041			16.6	120	0.18	1090	2680	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/21/12	1145	16.13	1406.44						
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	06/21/12	1146			17.5	120	0.18	959	2330	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	09/10/13	1120	14.31	1408.26					0.009	< 0.008
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	09/10/13	1121			16.4	130	< 0.02	863	2030	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	08/20/14	1040	15.22	1407.35					0.01	< 0.008
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	08/20/14	1041			15.5	130	< 0.02	919	2170	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	10/21/14	1106	15.40	1407.17	16	120	< 0.02	941	2180	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	09/09/15	1106	13.74	1408.83	14.4	120	< 0.02	796	1800	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	09/09/15	1111			14.1	120	< 0.02	803	1830	
375748097363802	24S 03W 14ADDD02	IW-14C DEEP	08/30/16	1106	9.31	1413.26	15	120	< 0.02	829	1760	

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	12/07/01	1255	30.55	1387.75							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	12/07/01	1256			8.13	76	< 0.01	497	13.5		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/01/02	1220	32.31	1385.99							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/01/02	1221			6.59	82	< 0.01	475	17.1		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	03/07/03	1145	31.50	1387.97							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	03/07/03	1146			5.87	71	< 0.01	495	19.3		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/30/03	1125	33.03	1386.44							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/30/03	1126			6.29	82	< 0.01	462	15.1		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	02/18/04	1230	32.09	1387.38							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	02/18/04	1231			7.47	76	< 0.01	479.9	25.9		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/19/04	1225	35.28	1384.19							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/19/04	1226				79	< 0.01	491	19		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/20/05	930	33.68	1385.79							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/20/05	931			7.3	83	< 0.01	459	18		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/11/06	1230	31.00	1388.47						< 0.007	< 0.005
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/11/06	1231			6.58	74.1	< 0.01	483	< 50		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/02/07	1145	30.99	1388.48							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/02/07	1146			6.2	65.8	< 0.01	503	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/26/08	1105	30.40	1389.07							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/26/08	1106			5.2	60	< 0.01	576	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/30/09	1140	29.87	1389.60							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/30/09	1141			3.9	60.2	< 0.01	567	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/13/10	1135	26.62	1392.85						< 0.007	< 0.008
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/13/10	1136			7.4	24.5	< 0.01	530	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/15/11	1120	27.63	1391.84							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	06/15/11	1121			8.2	66	0.19	498	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/02/12	1110	31.02	1388.45							
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	07/02/12	1111			7.5	60	0.12	551	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	09/19/13	1046	32.01	1387.46	7.4	65	< 0.02	536	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	08/27/14	1100	29.91	1389.56						< 0.008	< 0.008
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	08/27/14	1101			6.4	60	< 0.02	596	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	09/15/15	1051	26.76	1392.71	6.6	57	< 0.02	556	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	08/22/16	1121	23.43	1396.04	7.2	60	< 0.02	575	< 100		
375814097342702	24S 02W 18AAAA02	IW-15C DEEP	08/22/16	1126			7.1	60	< 0.02	564	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	12/17/01	1155	22.60	1378.50							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	12/17/01	1156			5.5	22	< 0.01	940	3110		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/02/02	1115	23.96	1377.14							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/02/02	1116			6	19	0.02	810	3890		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	03/07/03	1150	24.59	1378.28							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	03/07/03	1151			5.83	18	< 0.01	836	4250		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/30/03	1135	26.79	1376.08							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/30/03	1136			5.51	20	0.02	811	4120		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	02/25/04	1135	23.99	1378.88							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	02/25/04	1136			6.71	16	< 0.01	859.1	4601		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	08/04/04	1045	26.32	1376.55							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	08/04/04	1046			6.95	18	< 0.01	941	5126		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	08/02/05	900	26.04	1376.83						E 0.0039	< 0.005
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	08/02/05	901			5.95	18	< 0.01	976	5844		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/07/06	1110	26.97	1375.90							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/07/06	1111			7.09	17	< 0.01	1003	6140		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/18/07	1200	21.98	1380.89							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/18/07	1201			5.9	14	< 0.01	1063	6390		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/26/08	1110	21.87	1381.00							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/26/08	1111			5.4	< 5	< 0.01	1184	7390		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/27/09	1155	21.02	1381.85						< 0.007	< 0.008
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/27/09	1156			5.5	137.3	< 0.01	1248	8040		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/13/10	1110	19.11	1383.76							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/13/10	1111			6.43	64.1	< 0.01	1299	8470		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/15/11	1100	21.09	1381.78							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	06/15/11	1101			7.1	34	0.07	1350	9270		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/23/12	1215	24.68	1378.19							
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	07/23/12	1216			6.6	41	< 0.01	1300	9400		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	09/11/13	1120	26.77	1376.10						0.005	< 0.008
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	09/11/13	1121			7.2	46	< 0.02	1350	9750		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	08/27/14	1050	21.87	1381.00						0.006	< 0.008
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	08/27/14	1051			6.6	65	< 0.1	1450	9890		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	09/14/15	1121	16.99	1385.88	5.9	69	< 0.02	1580	10100		
375814097324702	24S 02W 16BAAA02	IW-16C DEEP	08/18/16	1136	18.56	1384.31	6.4	62	< 0.02	1640	10000		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	12/13/01	1040	18.64	1365.56							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	12/13/01	1041			20.6	14	< 0.01	355	819		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/10/02	1110	22.74	1361.46							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/10/02	1111			20.6	12	< 0.01	334	793		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	03/10/03	1215	19.86	1366.86							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	03/10/03	1216			22.3	14	< 0.01	347	863		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/02/03	1050	26.52	1360.20							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/02/03	1051			20.4	13	0.01	329	728		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	04/05/04	1205	18.16	1368.56							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	04/05/04	1206			23.9	11	< 0.01	344	858		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	04/20/04	1020	18.26	1368.46							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/20/04	1105	22.77	1363.95						< 0.007	< 0.005
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/20/04	1106			22.3	12	< 0.01	363	927		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/21/05	950	21.63	165.09							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/21/05	951			21.1	11	< 0.01	362	964		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/20/06	1045	27.74	1358.98							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/20/06	1046			21.2	11	< 0.01	353	980		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/20/06	1051									
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	06/27/07	1125	16.63	1370.09							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	06/27/07	1126			21	8.1	< 0.01	371	980		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	06/24/08	1055	14.03	1372.69						< 0.007	< 0.006
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	06/24/08	1056			20	< 5	< 0.01	358	1020		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/23/09	1145	16.65	1370.07							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/23/09	1146			22	9.1	< 0.01	355	1010		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/15/10	1110	12.09	1374.63							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/15/10	1111			21.9	8.3	< 0.01	363	1020		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	06/16/11	1235	18.25	1368.47							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	06/16/11	1236			22.7	9.5	0.17	364	996		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/16/12	1140	28.26	1358.46							
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	07/16/12	1141			22.8	11	0.17	336	940		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	10/29/13	1146	18.31	1368.41	21.9	12	< 0.02	361	1010		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	09/16/14	1135	19.63	1367.09						< 0.008	< 0.008
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	09/16/14	1136			20.9	14	< 0.02	368	1010		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	09/21/15	1121	18.23	1368.49	18.7	11	< 0.02	375	1040		
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	08/01/16	1140	13.07	1373.65						< 0.008	< 0.008
375814097300002	24S 02W 13BBBB02	IW-17C DEEP	08/01/16	1141			19.7	11	< 0.02	409	1070		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	03/25/02	1200	9.10	1422.30						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	03/25/02	1201		2.13	114	0.01	271	294		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/15/02	1135	9.81	1421.59						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/15/02	1136		1.98	120	0.02	270	417		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	03/11/03	1210	9.51	1422.59						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	03/11/03	1211		1.53	110	< 0.01	266	537		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/01/03	1100	9.10	1423.00						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/01/03	1101		1.8	117	< 0.01	255	514		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	04/06/04	1145	9.08	1423.02						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	04/06/04	1146		2.26	113	< 0.01	261	582		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	04/20/04	1115	9.25	1422.85						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/21/04	1055	8.83	1423.27					< 0.007	< 0.005
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/21/04	1056		2.99	124	< 0.01	263	584		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/22/05	1025	6.88	1425.22						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/22/05	1026		1.92	115	< 0.01	258	591		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/06/06	1130	9.11	1422.99						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/06/06	1131		2.51	111	0.88	258	620		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/02/07	1130	6.52	1425.58						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/02/07	1131		2.2	109.9	< 0.01	257	630		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	06/24/08	1150	6.13	1425.97					E 0.0063	< 0.006
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	06/24/08	1151		< 1	111	< 0.01	258	680		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/23/09	1235	6.92	1425.18						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/23/09	1236		1.9	114.2	0.33	261	680		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/15/10	1120	4.12	1427.98						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/15/10	1121		2.33	113.9	< 0.01	265	680		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	06/29/11	1115	8.45	1423.65						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	06/29/11	1116		2.4	110	0.26	266	680		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/23/12	955	11.49	1420.61						
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	07/23/12	956		2.3	110	0.21	261	650		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	11/07/13	0956	8.20	1423.90	2.6	120	< 0.02	256	680	
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	08/26/14	0945	9.17	1422.93					0.006	< 0.008
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	08/26/14	0946		2.2	120	0.02	262	690		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	09/10/15	0956	8.88	1423.22	2	110	< 0.02	267	710	
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	08/02/16	1000	5.07	1427.03					0.006	< 0.008
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	08/02/16	1001		2.2	110	< 0.02	300	760		
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	08/02/16	1005							< 0.008	< 0.008
375642097385305	24S 03W 21DDAA05	IW-18C DEEP	08/02/16	1006		2.3	110	< 0.02	290	750		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	03/27/02	1215	11.47	1406.73							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	03/27/02	1216			2.56	112	< 0.01	516	137		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/01/02	1225	12.50	1405.63							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/01/02	1226			2.54	110	0.02	521	133		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	03/12/03	1140	12.86	1406.52							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	03/12/03	1141				100	< 0.01	549	140		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/02/03	1115	13.11	1406.27							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/02/03	1116			2.17	108	< 0.01	520	142		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	02/25/04	1105	13.73	1405.65							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	02/25/04	1106			2.09	94	< 0.01	520.9	132.8		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/03/04	1200	12.78	1406.60							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/03/04	1201			2.59	113	< 0.01	538	141		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/28/05	1055	12.20	1407.18							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/28/05	1056			2.22	96	< 0.01	510	62		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/12/06	1140	11.98	1407.38						< 0.007	< 0.005
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/12/06	1141			2.38	104	< 0.01	526	100		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/16/07	1150	8.99	1410.39							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/16/07	1151			1.5	85.7	< 0.01	521	144		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/02/08	1155	8.63	1410.75							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/02/08	1156			1.1	95.3	< 0.01	527	150		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/04/09	1240	9.89	1409.49							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/04/09	1241			2.3	96.2	< 0.01	523	160		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/20/10	1125	8.70	1410.68						0.008	< 0.008
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/20/10	1126			3.2	92.3	< 0.01	509	< 100		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/20/10	1130	8.70	1410.68							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	06/23/11	1121	10.95	1408.43	2.8	98	0.26	585	112		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/05/12	1105	14.80	1404.58							
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	07/05/12	1106			3.1	99	0.22	521	130		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	11/06/13	1136	11.26	1408.12	3.3	100	< 0.02	544	130		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/26/14	1055	13.09	1406.29						< 0.008	< 0.008
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/26/14	1056			2.7	100	< 0.02	545	160		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/20/15	1026	10.76	1408.62	2.7	98	< 0.02	591	140		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/20/15	1030			2.4	99.1	< 0.04	523	123		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/17/16	1111	6.62	1412.76	2.6	94	< 0.02	509	< 100		
375604097363602	24S 03W 25BCCB02	IW-19C DEEP	08/17/16	1115			2.5	96.7	< 0.039	515	12.3		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	12/13/01	1300	26.69	1386.71						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	12/13/01	1301								
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/10/02	1150	28.59	1384.81	12.2	59	< 0.01	1100	1640	< 0.05 < 0.05
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/10/02	1151			15.2	45	0.09	1140	1420	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/10/02	1152								< 0.05
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	10/16/02	1225	28.11	1385.39	12.96208	51.83	< 0.06	1188.204	1631.753	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	10/16/02	1226			12.3	105	< 0.01	1250	1730	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	10/16/02	1227								
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	03/27/03	1210	27.74	1388.38	10.30036	54.64	< 0.06	1130.66	1470.928	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	03/27/03	1211			13.1	50	< 0.01	1170	1640	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	03/27/03	1212								
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/08/03	1140	30.88	1385.24						< 0.007 < 0.0045
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/08/03	1141			11.8	52	< 0.01	1390	2190	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	03/01/04	1225	28.41	1387.71						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	03/01/04	1226			15.7	57	< 0.01	1278.6	2232.9	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/20/04	1050	31.66	1384.46						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/20/04	1051			15.6	59	< 0.01	1329	2255	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/20/04	1056								
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/29/05	1100	30.81	1385.31						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/29/05	1101			11.4	56	< 0.01	1153	2182	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	08/01/06	1225	30.69	1385.43						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	08/01/06	1226			12.2	55.8	< 0.01	1163	2230	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/10/07	1215	25.52	1390.60						< 0.007 < 0.005
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/10/07	1216			12	51.1	< 0.01	1178	2250	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/07/08	1145	25.85	1390.27						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/07/08	1146			10	49	< 0.01	1480	3400	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/22/09	1130	24.39	1391.73						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/22/09	1131			12	51.3	< 0.1	1342	3030	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/21/10	1110	25.11	1391.01						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/21/10	1111			12.4	52.1	< 0.01	1323	3220	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	06/27/11	1230	26.94	1389.18					< 0.008 < 0.008	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	06/27/11	1231			11.6	54	0.12	1340	3840	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/12/12	1240	30.17	1385.95						
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	07/12/12	1241			13.1	55	0.12	1240	3640	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	11/05/13	1106	25.82	1390.30	13.2	55	< 0.02	1180	2970	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	09/17/14	1050	25.90	1390.22					< 0.008 < 0.008	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	09/17/14	1051			12.1	62	< 0.1	1120	3030	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	08/11/15	1105	23.34	1392.78					< 0.008 < 0.008	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	08/11/15	1106			11.5	58	< 0.02	1130	2770	
375630097342702	24S 02W 19DDDD02	IW-20C DEEP	08/25/16	1101	18.43	1397.69	11.2	57	< 0.04	1200	2480	

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	12/18/01	1145	27.74	1379.36							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	12/18/01	1146			6.3	112	< 0.01	1210	7600		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/02/02	1135	28.97	1378.13							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/02/02	1136			7.32	108	< 0.01	1110	9510		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	03/14/03	1130	29.01	1377.58							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	03/14/03	1131			7.81	113	< 0.01	1100	11100		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/01/03	1125	29.65	1376.94							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/01/03	1126			6.71	119	< 0.01	1070	10800		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	03/02/04	1135	29.46	1377.13							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	03/02/04	1136			9.3	124	< 0.01	1024.3	11509.4		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/21/04	1100	30.58	1376.01							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/21/04	1101			8.92	113	< 0.01	1069	11096		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/27/05	1145	29.32	1377.27						< 0.007	< 0.005
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/27/05	1146			6.65	99	< 0.01	999	10906		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/27/05	1156									
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	08/03/05	1310	29.70	1376.89							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	08/03/05	1311			6.94	91.4	< 0.01	1004	11000		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/18/06	1120	28.63	1377.96							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/18/06	1121			7.22	107	< 0.01	1000	11270		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/05/07	1145	27.67	1378.92							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/05/07	1146			7.5	110.2	< 0.01	1074	12700		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/02/08	1045	26.71	1379.88							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/02/08	1046			5.5	127.5	< 0.01	1226	15400		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/21/09	1150	26.30	1380.29						E 0.0041	< 0.008
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/21/09	1151			6	127.7	< 0.01	1235	15620		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/21/10	1050	25.38	1381.21							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/21/10	1051			7.07	132.6	< 0.01	1270	16600		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	06/29/11	1150	25.69	1380.90							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	06/29/11	1151			7.5	140	0.19	1390	18000		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/02/12	1105	28.11	1378.48							
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	07/02/12	1106			6.6	130	0.18	1140	16200		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	09/11/13	1135	29.80	1376.79						0.005	< 0.008
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	09/11/13	1136			7	130	< 0.02	1220	17700		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	09/17/14	1030	25.31	1381.28						0.005	< 0.008
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	09/17/14	1031			6.2	110	< 0.1	1150	17600		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	09/16/15	1106	23.45	1383.14	5.1	100	< 0.1	1250	17400		
375629097323502	24S 02W 21DCDC02	IW-21C DEEP	08/23/16	1051	18.69	1387.90	5.2	97	< 0.1	1200	1550		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	12/19/01	1140	21.09	1363.26							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	12/19/01	1141			15	23	< 0.01	437	596		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/11/02	1200	21.00	1363.10						< 0.05	< 0.05
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/11/02	1201			14.8	23	< 0.01	466	768		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/11/02	1202								< 0.05	
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	03/25/03	1225	22.32	1363.63							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	03/25/03	1226			15.6	18	< 0.01	464	841		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/08/03	1135	21.85	1364.10						0.0128	< 0.0045
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/08/03	1136			14.6	20	< 0.01	487	903		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	03/15/04	1220	22.33	1363.62							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	03/15/04	1221			16.8		< 0.01	450.3	1022.6		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/28/04	1100	21.99	1363.96							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/28/04	1101			16.8	22	< 0.01	454	1039		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/28/05	920	19.33	1366.62							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/28/05	921			17.3	21	< 0.01	449	1124		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/17/06	1135	20.92	1365.00							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/17/06	1136			10.6	19.5	< 0.01	418	1080		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/17/07	1120	19.72	1366.23						0.0089	< 0.005
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/17/07	1121			15	16.2	< 0.01	433	1210		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/09/08	1055	20.13	1365.82							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/09/08	1056			14	16.3	< 0.01	430	1290		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/28/09	1100	18.09	1367.86							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/28/09	1101			15	16.4	< 0.01	461	1400		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/19/10	1200	16.93	1369.02							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	07/19/10	1201			15.5	16.3	< 0.01	419	1260		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	06/27/11	1130	19.23	1366.72						0.01	< 0.008
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	06/27/11	1131			14.2	19	0.22	417	1310		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	06/07/12	1145	21.87	1364.08							
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	06/07/12	1146			15.3	19	0.23	394	1220		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	11/05/13	1116	21.45	1364.50	16.1	18	< 0.02	377	1220		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	09/23/14	1110	20.48	1365.47						0.006	< 0.008
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	09/23/14	1111			14.6	20	< 0.02	392	1240		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	08/18/15	1110	17.31	1368.64						0.006	< 0.008
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	08/18/15	1111			14	18	< 0.02	416	1320		
375629097293702	24S 02W 25BBAB02	IW-22C DEEP	08/24/16	1101	13.50	1372.45	13.9	17	< 0.02	413	1260		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	03/27/02	1245	21.77	1356.58							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	03/27/02	1246			15.2	31	< 0.01	490	501		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/09/02	1140	29.05	1349.30							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/09/02	1141			14.3	32	< 0.01	497	487		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	03/28/03	1130	19.21	1360.45							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	03/28/03	1131			14.7	26	< 0.01	471	433		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/14/03	1045	29.10	1350.56							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/14/03	1046			15.8	30	< 0.01	518	444		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	04/07/04	1125	18.89	1360.77							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	04/07/04	1126			16.6	31	< 0.01	483	478		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	04/20/04	1220	19.26	1360.40							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	08/02/04	1140	21.55	1358.11						< 0.007	< 0.005
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	08/02/04	1141			14.9	33	< 0.01	495	520		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/29/05	901			15	30.4	< 0.01	517	718		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/20/06	1105	29.95	1349.71							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/20/06	1106			14.4	29	< 0.01	512	790		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/10/07	1200	15.19	1364.47							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/10/07	1201			13	24.6	< 0.01	522	900		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/08/08	1115	24.30	1355.36						< 0.007	< 0.006
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/08/08	1116			11	24.6	< 0.01	542	910		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/28/09	1110	25.22	1354.44							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/28/09	1111			14	25.8	< 0.01	584	1030		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/22/10	1110	26.29	1353.37							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/22/10	1111			16.8	25.1	< 0.01	554	980		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	06/23/11	1215	25.14	1354.52							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	06/23/11	1216			14.6	26	0.25	593	1010		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/18/12	1220	31.00	1348.66							
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	07/18/12	1225			14.8	26	0.28	552	950		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	11/12/13	1206	18.85	1360.81	15.3	25	< 0.02	581	1020		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	09/24/14	1145	24.11	1355.55						< 0.008	< 0.008
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	09/24/14	1146			16.2	25	< 0.02	561	960		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	09/21/15	1041	24.03	1355.63	12.5	24	< 0.02	596	1030		
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	08/02/16	1115	23.56	1356.10						< 0.008	< 0.008
375629097274802	24S 01W 29BBBB02	IW-23C DEEP	08/02/16	1116			13.2	21	< 0.02	656	1150		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	03/28/02	1200	7.80	1419.00						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	03/28/02	1201		< 1	215	0.23	124	< 5		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/16/02	1140	10.33	1416.47					< 0.05	< 0.05
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/16/02	1141		< 1	181	0.02	106	7.16		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/16/02	1143							< 0.05	
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	03/27/03	1150	7.03	1421.10						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	03/27/03	1151		< 1	192	0.1	94.5	18.2		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/09/03	1135	12.32	1415.81						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/09/03	1136		< 1	203	0.29	91.5	5.87		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/09/03	1140	12.32	1415.81		170.89	E 0.112	89.434	E 4.074	
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/09/03	1141								
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	04/12/04	1130	7.59	1420.54						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	04/12/04	1131		< 1	191	0.14	81	< 5		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/05/04	1115	10.29	1417.84					< 0.007	< 0.005
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/05/04	1116		< 1	191	0.28	75	< 5		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/04/05	915	10.69	1417.44						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/04/05	916		< 1	170	0.15	64	< 5		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/18/06	1115	12.04	1416.10						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/18/06	1116		< 1	164	0.55	57	< 50		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/18/07	1135	5.25	1422.88						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/18/07	1136		< 1	172.4	0.12	57	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/09/08	1155	6.84	1421.29					< 0.007	< 0.006
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/09/08	1156		< 1	163.6	0.1	53	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	09/23/08	1055	7.18	1420.95						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	09/23/08	1056		< 1	170.5	0.14	55	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/29/09	1220	7.59	1420.54						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/29/09	1221		< 1	161.5	0.33	56	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/05/10	1055	10.68	1417.45						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/05/10	1056		0.72	156.7	0.32	50	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	06/30/11	1125	11.87	1416.26						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	06/30/11	1126		0.6	160	0.11	49	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/24/12	1140	13.80	1414.33						
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	07/24/12	1141		0.6	160	0.3	46	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	11/13/13	1046	7.45	1420.68	0.6	170	0.14	44	< 100	
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	09/29/14	1040	9.70	1418.43					< 0.008	< 0.008
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	09/29/14	1041		0.6	170	0.14	41	< 100		
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	09/22/15	1051	9.28	1418.85	0.5	170	0.07	43	< 100	
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/03/16	1135	7.79	1420.34					< 0.008	< 0.008
375446097390702	24S 03W 33DDCC02	IW-24C DEEP	08/03/16	1136		0.6	170	0.1	43	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	12/20/01	1155	8.25	1407.95						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	12/20/01	1156		< 1		< 0.01	136	9.14		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/17/02	1140	11.89	1404.31						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/17/02	1141		< 1	94	< 0.01	76	< 5		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	10/17/02	1245	11.07	1405.13	E 1.499417	99	< 0.06	51.408	< 10	
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	10/17/02	1246		< 1	126	0.06	56.6	< 5		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	10/17/02	1247								
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	03/31/03	1145	10.45	1408.59	< 1.9	99.04	< 0.06	38.381	< 10	
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	03/31/03	1146		< 1	97	0.12	40.2	< 5		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	03/31/03	1147								
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/09/03	1205	10.75	1408.29					0.0134	< 0.0045
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/09/03	1206		< 1	96	0.08	56.9	< 5		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	03/16/04	1100	10.65	1408.39						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	03/16/04	1101		< 1	E 105	< 0.01	39.7	< 5		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/04/04	1100	10.42	1408.62						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/04/04	1101		< 1	107	0.05	55	< 5		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/05/05	910	9.17	1409.87						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/05/05	911		< 1	103	0.11	70	< 5		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/21/06	1105	11.31	1407.73						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/21/06	1106		< 1	103	0.09	74	< 50		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/17/07	1200	7.09	1411.95					< 0.007	< 0.005
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/17/07	1201		< 1	100.3	< 0.01	38	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/10/08	1110	8.19	1410.85						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/10/08	1111		< 1	100.5	< 0.01	36	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/10/09	1100	10.24	1408.80						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/10/09	1101		< 1	100.7	< 0.01	75	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/22/10	1050	7.75	1411.29						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/22/10	1051		1.28	102.5	< 0.01	53	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	06/28/11	1140	11.41	1407.63					0.007	< 0.008
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	06/28/11	1141		0.8	110	0.28	64	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/26/12	1100	14.32	1404.72						
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	07/26/12	1101		1.1	110	0.23	102	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	11/07/13	1041	9.70	1409.34	1.2	< 0.02	60	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	09/30/14	1040	10.82	1408.22					< 0.008	< 0.008
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	09/30/14	1041		1	100	0.04	50	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/19/15	1220	9.68	1409.36					< 0.008	< 0.008
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	08/19/15	1221		1.1	110	< 0.02	79	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	09/06/16	1121	5.95	1413.09	1	< 0.02	40	< 100		
375445097365405	24S 03W 35DCDD05	IW-25C DEEP	09/06/16	1126		1.1	100	< 0.02	40	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/15/02	1200	28.09	1378.31							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/15/02	1201			2.57	95	< 0.01	229	8.46		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	03/26/03	1225	25.16	1383.53							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	03/26/03	1226			2.03	81	< 0.01	222	< 5		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/10/03	1110	31.41	1377.28							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/10/03	1111			2.56	87	< 0.01	237	< 5		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	03/03/04	1200	26.21	1382.48							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	03/03/04	1201			2.77	104	< 0.01	220.9	< 5		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/11/04	1135	29.19	1379.50							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/11/04	1136			2.87	99	< 0.01	225	< 5		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/05/05	1130	36.44	1372.25							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/05/05	1131			2.25	86.7	0.12	222	< 5		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/19/06	1225	34.74	1373.95					< 0.007	< 0.005	
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/19/06	1226			2.52	87.1	0.13	214	< 50		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/16/07	1115	23.86	1384.83							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/16/07	1116			2.1	96.7	< 0.01	223	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/14/08	1115	28.49	1380.20					< 0.05	< 0.05	
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/14/08	1116			1.9	86.6	< 0.01	234	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/05/09	1150	22.76	1385.93							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/05/09	1151			2.8	87.7	0.24	234	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/09/10	1150	31.14	1377.55					< 0.007	< 0.008	
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/09/10	1151			3.49	87.2	0.03	236	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	06/30/11	1055	28.88	1379.81							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	06/30/11	1056			3.5	90	0.27	240	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/19/12	1055	29.27	1379.42							
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	07/19/12	1056			3.4	91	0.24	242	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	11/14/13	1051	23.89	1384.80	3.9	96	0.06	253	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	10/01/14	1045	24.02	1384.67					< 0.008	< 0.008	
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	10/01/14	1046			3.4	92	0.06	253	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	09/17/15	1036	26.45	1382.24	2.7	86	< 0.02	254	< 100		
375508097342402	24S 02W 32CBBB02	IW-26C DEEP	08/25/16	1041	16.21	1392.48	3.1	87	< 0.02	263	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375434097321302	25S 02W 04AADA02	IW-27C DEEP	03/29/02	1255	19.71	1375.79							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	03/29/02	1256			1.27	62	0.06	192	8.56		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/16/02	1150	22.54	1372.96							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/16/02	1151			1.33	64	0.1	186	< 5		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	03/26/03	1215	22.14	1374.55							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	03/26/03	1216				51	0.16	177	< 5		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/11/03	1105	24.38	1372.31							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/11/03	1106			1.36	55	0.06	187	6.08		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	03/31/04	1210	22.10	1374.59							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	03/31/04	1211			1.31	60	< 0.01	170	< 5		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/05/04	1140	23.62	1373.07					< 0.007	< 0.005	
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/05/04	1141				65	0.06	172	< 5		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/12/05	1050	21.19	1375.50							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/12/05	1051			< 1	53.1	0.35	174	13		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/21/06	1030	23.26	1373.43							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/21/06	1031			< 1	58.7	0.04	163	< 50		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/06/07	1225	19.57	1377.12							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/06/07	1226			< 1	54	< 0.01	161	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/16/08	1135	20.62	1376.07					< 0.007	< 0.006	
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/16/08	1136			< 1	53.3	< 0.01	167	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	09/23/08	1125	20.83	1375.86							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	09/23/08	1126			< 1	54.6	< 0.01	176	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/29/09	1125	19.41	1377.28							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/29/09	1126			< 1	53.1	< 0.01	167	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/05/10	1055	20.36	1376.33							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/05/10	1056			1.8	50.6	< 0.01	166	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/05/11	1240	22.06	1374.63							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/05/11	1241			1.7	52	0.26	162	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/25/12	1040	25.25	1371.44							
375434097321302	25S 02W 04AADA02	IW-27C DEEP	07/25/12	1041			1.5	52	0.23	160	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	11/14/13	1051	21.45	1375.24	1.8	47	0.02	160	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	09/30/14	1055	20.09	1376.60					< 0.008	< 0.008	
375434097321302	25S 02W 04AADA02	IW-27C DEEP	09/30/14	1056			1.4	46	< 0.02	160	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	09/17/15	1046	17.45	1379.24	1.3	37	< 0.02	156	< 100		
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/03/16	1140	14.48	1382.21					< 0.008	< 0.008	
375434097321302	25S 02W 04AADA02	IW-27C DEEP	08/03/16	1141			1.4	36	< 0.02	162	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	04/04/02	1135	27.21	1358.99						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	04/04/02	1136			3.11	75	0.21	209	< 5	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/17/02	1100	32.38	1353.82						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/17/02	1101			2.4	78	0.06	189	< 5	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	04/01/03	1150	31.05	1357.39						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	04/01/03	1151			1.56	65	0.02	173	< 5	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/11/03	1110	36.08	1352.36						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/11/03	1111			1.96	71	0.05	190	< 5	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	03/17/04	1140	29.35	1359.09						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	03/17/04	1141			1.96	73	< 0.01	163	< 5	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	08/09/04	950	32.34	1356.10						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	08/09/04	951			2.19	85	0.09	173	< 5	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/26/05	1120	31.98	1356.46					< 0.007	< 0.005
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/26/05	1121			1.99	73	< 0.01	165	< 5	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/31/06	1125	35.11	1353.33						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/31/06	1126			1.8	72.5	0.19	157	< 50	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/18/07	1155	28.06	1360.38						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/18/07	1156			1.5	70.8	< 0.01	163	< 100	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/10/08	1040	30.00	1358.44						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/10/08	1041			1.4	70.9	< 0.01	163	< 100	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	08/03/09	1150	26.77	1361.67					< 0.007	< 0.008
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	08/03/09	1151			1.9	72.4	< 0.01	163	< 100	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/29/10	1050	29.32	1359.12						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/29/10	1051			2.9	94.3	0.41	160	< 100	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/06/11	1100	29.48	1358.96						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/06/11	1101			2.7	74	0.28	163	< 100	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/26/12	1210	37.56	1350.88						
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	07/26/12	1211			2.2	80	0.25	167	< 100	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	10/22/13	1150	31.02	1357.42					< 0.008	< 0.008
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	10/22/13	1151			2.6	83	< 0.02	164	< 100	
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	10/06/14	1100	30.91	1357.53					< 0.008	< 0.008
375420097300202	25S 02W 02ADDA02	IW-28C DEEP	10/06/14	1101			2.4	79	< 0.02	175	< 100	
375434097321302	25S 02W 02ADDA02	IW-28C DEEP	09/17/15	1046			1.3	37	< 0.02	156	< 100	

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	04/11/02	1125	18.58	1354.77							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	04/11/02	1126			13.3	43	< 0.01	501	1320		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/18/02	1040	21.39	1351.96							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/18/02	1041			11.6	47	0.16	550	1410		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	04/02/03	1150	18.91	1356.75							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	04/02/03	1151			12.3	36	< 0.01	575	1720		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/15/03	1040	22.61	1353.05							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/15/03	1041			15.2	38	< 0.01	610	1710		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	03/22/04	1130	17.77	1357.89							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	03/22/04	1131			13.2	44	< 0.01	553	1815		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/06/04	1015	19.36	1356.30							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/06/04	1016				53	< 0.01	563	1781		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/04/05	1020	18.22	1357.44							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/04/05	1021			11.6	42.9	< 0.01	549	1997		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/24/06	1210	21.81	1353.85						< 0.007	< 0.005
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/24/06	1211			14.5	42.9	< 0.01	544	2390		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/11/07	1100	16.12	1359.54							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/11/07	1101			13	29.2	< 0.01	605	2790		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/10/08	1220	18.54	1357.12							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/10/08	1221			11	45.2	< 0.01	549	2730		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/13/09	1115	17.76	1357.90							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/13/09	1116			11	40	< 0.01	588	3010		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/10/10	1105	17.61	1358.05						E 0.0065	E 0.0064
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/10/10	1106			15.3	24.7	0.06	730	3800		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/07/11	1120	21.93	1353.73							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	07/07/11	1121			16.1	26	0.22	807	4490		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	09/04/12	1105	24.83	1350.83							
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	09/04/12	1106			16.8	34	0.51	844	4910		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	11/12/13	1111	19.21	1356.45	15.3	45	< 0.02	654	3650		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	10/06/14	1045	20.34	1355.32						0.006	< 0.008
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	10/06/14	1046			13.8	46	< 0.02	731	4170		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	09/23/15	1031	15.74	1359.92	13.4	28	< 0.02	910	5160		
375445097274802	24S 01W 32CCCC02	IW-29C DEEP	08/29/16	1136	11.55	1364.11	14	21	< 0.02	1050	5460		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	04/04/02	1140	13.65	1384.20						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	04/04/02	1141		< 1		< 0.01	318	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/18/02	1105	13.85	1384.00					< 0.05	< 0.05
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/18/02	1106		< 1	203	< 0.01	329	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/18/02	1107							< 0.05	
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	10/17/02	1115	14.49	1383.36	E 1.424399	193.34	E 0.042	321.867	< 10	
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	10/17/02	1116		< 1	184	< 0.01	331	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	10/17/02	1118								
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	04/01/03	1120	13.40	1390.39	< 1.9	189.54	< 0.06	327.99	< 10	
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	04/01/03	1121		< 1	219	0.71	328	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	04/01/03	1122								
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/16/03	1130	14.44	1389.35						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/16/03	1131		< 1		0.26	341	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/16/03	1135	14.44	1389.35		197.89	< 0.06	311.183	E 4.8272	
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/16/03	1136								
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	03/23/04	1125	13.60	1390.19						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	03/23/04	1126		< 1	199	< 0.01	314	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/09/04	1100	13.72	1390.07						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/09/04	1101		< 1	212	0.1	323	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	09/01/05	1030	12.60	1391.19						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	09/01/05	1031		< 1	194	0.22	307	< 5		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/24/06	1130	13.69	1390.10					< 0.007	< 0.005
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/24/06	1131		< 1	204	0.16	306	< 50		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/24/06	1135	13.69	1390.10						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/23/07	1125	11.33	1392.46						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/23/07	1126		< 1	193.5	< 0.01	311	< 100		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/14/08	1105	12.22	1391.57						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/14/08	1106		< 1	196.2	< 0.01	296	< 100		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/14/09	1110	13.23	1390.56						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/14/09	1111		< 1	201	< 0.01	308	< 100		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/09/10	1125	12.62	1391.17					< 0.007	< 0.008
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/09/10	1126		0.768	197.6	< 0.01	309	< 100		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/11/11	1125	14.28	1389.51						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	07/11/11	1126		0.7	200	< 0.01	314	< 100		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/30/12	1105	17.29	1386.50						
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/30/12	1106		0.8	200	0.14	293	< 100		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	11/19/13	1046	13.79	1390.00	0.7	200	0.05	308	< 100	
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	10/07/14	1045	15.10	1388.69					< 0.008	< 0.008
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	10/07/14	1046		0.6	200	< 0.02	309	< 100		
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	09/24/15	1011	13.24	1390.55	0.6	200	0.02	309	< 100	
375258097340602	25S 02W 17BBAA02	IW-30C DEEP	08/18/16	1101	10.86	1392.93	0.7	200	0.02	339	< 100	

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	04/18/02	1410	21.50	1366.75						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	04/18/02	1411		1.72	130	0.63	318	< 5		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/23/02	1110	31.75	1356.50	E 1.409212	112.86	< 0.05	289.091	< 10	
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/23/02	1111		1.56	120	0.05	312	< 5		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/23/02	1112								
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	04/02/03	1125	23.67	1367.39						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	04/02/03	1126		1.09	111	< 0.01	300	5.14		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/17/03	940	37.39	1353.67						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/17/03	941		1.16	117	0.23	314	5.42		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	04/13/04	1115	23.70	1367.36						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	04/13/04	1116		1.08	123	0.01	294	8		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	04/21/04	1055	22.80	1368.26						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/11/04	1115	29.42	1361.64					< 0.007	< 0.005
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/11/04	1116		1.66	125	0.06	287	6		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/11/05	1005	28.08	1362.98						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/11/05	1006		1.5	111	0.01	290	< 5		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/02/06	1120	33.25	1357.80						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/02/06	1121		1.28	117	< 0.01	274	< 50		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/19/07	1115	23.70	1367.36						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/19/07	1116		1.3	112.1	< 0.01	277	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/19/07	1120	23.70	1367.36						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/19/07	1121		1.3	112	< 0.01	278	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/15/08	1055	24.02	1367.04					< 0.007	< 0.006
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/15/08	1056		< 1	111.8	< 0.01	276	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	09/24/08	1000	22.63	1368.43						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	09/24/08	1001		1	114	< 0.01	295	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/07/09	1130	22.36	1368.70						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/07/09	1131		1.3	113.5	< 0.01	278	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/18/10	1135	26.18	1364.88						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/18/10	1136		2.04	116.9	0.23	275	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/13/11	1130	34.71	1356.35						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/13/11	1131		1.6	120	0.3	284	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/25/12	1145	39.06	1352.00						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	07/25/12	1146		1.7	120	0.22	272	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	11/19/13	1046	24.38	1366.68						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	10/07/14	1015	26.90	1364.16					< 0.008	< 0.008
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	10/07/14	1016		1.6	120	< 0.02	275	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	09/23/15	1041	22.93	1368.13						
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	09/23/15	1046		1.6	110	< 0.02	279	< 100		
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/09/16	1155	23.87	1367.19					< 0.008	< 0.008
375300097321102	25S 02W 15BBBB02	IW-31C DEEP	08/09/16	1156		1.5	110	< 0.02	293	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	04/05/02	1125	16.27	1361.68							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	04/05/02	1126			< 1	62	1.67	68.5	< 5		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/23/02	1055	19.71	1358.24							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/23/02	1056			1.17	70	2.18	52.1	< 5		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	04/07/03	1315	17.44	1365.17							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	04/07/03	1316			< 1	62	1.84	56.9	< 5		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/18/03	1055	22.10	1360.51							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/18/03	1056			< 1	50	< 0.01	46.5	< 5		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	03/24/04	1145	17.33	1365.28							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	03/24/04	1146			< 1	63	2.48	61	< 5		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/17/04	1315	16.84	1365.77							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/17/04	1316			1.1	67	2.59	61	< 5		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/08/05	1155	16.82	1365.79						E 0.0039	< 0.005
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/08/05	1156			< 1	59	2.93	50	< 5		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/02/06	1050	19.62	1362.99							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/02/06	1051			< 1	60.2	< 0.01	41	< 50		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/24/07	1130	17.73	1364.88							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/24/07	1131			< 1	56.7	2.28	45	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/15/08	1300	16.68	1365.93							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/15/08	1301			< 1	57.5	2.47	45	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/11/09	1120	16.44	1366.17						0.0097	< 0.008
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/11/09	1121			< 1	56.9	3.25	36	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/26/10	1110	14.53	1368.08							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/26/10	1111			1.96	52.7	3.63	39	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/14/11	1220	20.41	1362.20							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	07/14/11	1221			1.5	58	3.54	35	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	09/05/12	1035	22.20	1360.41							
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	09/05/12	1036			1.8	61	3.6	31	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	09/25/13	1120	20.90	1361.71						0.005	< 0.008
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	09/25/13	1121			1.9	64	3.4	42	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	10/08/14	1050	19.63	1362.98						0.005	< 0.008
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	10/08/14	1051			1.4	66	3.42	32	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	09/24/15	1031	16.73	1365.88	1.4	67	3.22	27	< 100		
375247097300102	25S 02W 13BCBB02	IW-32C DEEP	08/30/16	1041	11.33	1371.28	1.5	70	2.78	26	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	04/15/02	1300	20.49	1352.71							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	04/15/02	1301			3.39	60	0.35	160	13.7		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/24/02	1115	22.32	1350.88							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/24/02	1116			2.78	62	< 0.01	162	15.9		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	04/10/03	1150	22.79	1354.11							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	04/10/03	1151			1.87	60	0.71	174	12.2		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/22/03	1140	23.70	1353.20							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/22/03	1141			1.76	59	0.43	141	< 5		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	04/05/04	1155	22.07	1354.83							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	04/05/04	1156			2.32	63	0.25	162	< 5		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/16/04	1215	21.52	1355.38							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/16/04	1216			2.22	66	0.22	152	< 5		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/02/05	1050	20.05	1356.85							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/02/05	1051			1.87	60	1.18	162	< 5		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/25/06	1150	23.18	1353.72					< 0.008		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/25/06	1151			1.84	61.9	0.36	155	< 50		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/25/06	1152							< 0.05	< 0.05	
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/19/07	1125	21.70	1355.20							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/19/07	1126			1.7	59.7	0.14	159	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/17/08	1020	22.18	1354.72							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/17/08	1021			< 1	59.2	0.21	158	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/10/09	1115	19.57	1357.33							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/10/09	1116			1.5	58.4	0.63	157	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/11/10	1145	19.62	1357.28					< 0.007	< 0.008	
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/11/10	1146			2.34	58.5	0.67	160	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/12/11	1130	22.99	1353.91							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	07/12/11	1131			2.1	60	0.72	152	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	09/04/12	1035	28.07	1348.83							
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	09/04/12	1036			2.3	68	0.92	137	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	11/20/13	1041	25.17	1351.73	2.4	63	0.52	143	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	10/08/14	1010	23.61	1353.29					< 0.008	< 0.008	
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	10/08/14	1011			1.9	61	0.26	144	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	09/29/15	1101	17.99	1358.91	1.8	55	0.12	146	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	09/29/15	1106			1.7	56	0.12	150	< 100		
375326097274502	25S 01W 08CBBB02	IW-33C DEEP	08/23/16	1001	14.94	1361.96	1.7	54	0.16	155	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	05/03/02	1125	16.04	1346.76							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	05/03/02	1126			3.89	48	0.13	188	< 5		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/22/02	1145	16.72	1346.08							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/22/02	1146			3.79	56	0.27	184	< 5		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	04/03/03	1125	16.14	1348.15							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	04/03/03	1126			3.2	53	0.06	189	< 5		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/23/03	1050	16.67	1347.62							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/23/03	1051			4.16	49	0.41	172	< 5		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	04/06/04	1155	14.84	1349.45							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	04/06/04	1156			4.09	53	0.09	183	< 5		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	04/20/04	1455	14.98	1349.31							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/18/04	1055	14.48	1349.81							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/18/04	1056			E 4.1	E 57	E 0.26	E 164	< 5		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/01/05	1125	14.37	1349.92						E 0.0053	< 0.005
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/01/05	1126			3.6	50	0.51	113	< 5		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/04/06	1115	17.27	1347.02							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/04/06	1116			3.18	51.3	0.54	116	< 50		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/24/07	1230	15.49	1348.80							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/24/07	1231			3.13	47.8	0.41	0.114	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/24/08	1045	16.18	1348.11							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	07/24/08	1046			2.1	47.4	1.02	99	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/25/09	1210	14.59	1349.70						< 0.007	< 0.008
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/25/09	1211			3	47.2	0.81	117	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/12/10	1005	14.47	1349.82							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/12/10	1006			4.6	46.1	0.97	107	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/16/11	1050	18.34	1345.95							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/16/11	1051			3.7	48	0.75	81	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/16/12	1000	19.67	1344.62							
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	08/16/12	1001			4.5	49	0.96	78	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	10/23/13	1120	17.05	1347.24						0.005	< 0.008
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	10/23/13	1121			4.4	53	0.25	93	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	10/27/14	1040	17.94	1346.35						< 0.008	< 0.008
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	10/27/14	1041			3.9	53	0.41	160	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	09/22/15	1036	15.70	1348.59	3.8	46	0.57	174	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	09/01/16	1111	12.61	1351.68	3.7	46	0.57	194	< 100		
375300097255802	25S 01W 09DCDD02	IW-34C DEEP	09/01/16	1116			3.6	46	0.57	195	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/30/02	1130	8.01	1372.74							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/30/02	1131			1.2		0.04	43.4	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/24/02	1110	10.57	1370.18							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/24/02	1111			1.66	256	0.03	27.9	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	10/16/02	1220	7.88	1372.87	2.344041	258.48	E 0.032	24.793	< 10		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	10/16/02	1221			1.38	266	< 0.01	26.6	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	10/16/02	1222									
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/09/03	1115	7.29	1374.44	E 1.571177	263.27	< 0.06	20.974	< 10		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/09/03	1116			1.34	263	0.03	20.5	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/09/03	1117									
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/22/03	1030	10.81	1370.92							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/22/03	1031			2.07	266	0.01	15	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/13/04	1135	7.33	1374.40							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/13/04	1136			1.72	292	< 0.01	15	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	04/21/04	1135	4.50	1377.23							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/12/04	1005	7.53	1374.20							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/12/04	1006			1.89	318	0.02	12	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/08/05	1045	8.22	1373.51					< 0.007	< 0.005	
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/08/05	1046			2.22	256	0.46	9	< 5		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/08/05	1050	8.22	1373.51							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/07/06	1045	9.00	1372.73							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/07/06	1046			1.75	311	< 0.01	9	< 50		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/26/07	1130	8.00	1373.73							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/26/07	1131			1.74	311.3	< 0.01	9	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/16/08	1045	8.29	1373.44							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/16/08	1046			1.1	322.2	< 0.01	8	100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/12/09	1210	10.03	1371.70					< 0.0098	< 0.008	
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/12/09	1211			1.7	334.4	< 0.01	8	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	09/08/10	1115	9.64	1372.09							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	09/08/10	1116			2.26	335.9	< 0.01	7	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/14/11	1126			2.2	360	0.24	7	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	07/14/11	1130	12.46	1369.27	2.3	364	< 0.019	6.83	3.8		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/28/12	1115	10.47	1371.26							
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/28/12	1116			2.7	370	< 0.01	7	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	10/22/13	1135	8.93	1372.80					< 0.008	< 0.008	
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	10/22/13	1136			2.9	380	< 0.02	7	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	10/15/14	1115	9.82	1371.91					< 0.008	< 0.008	
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	10/15/14	1116			2	400	< 0.02	7	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/25/15	1041	7.77	1373.96	2	380	< 0.1	7	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/25/15	1045			2.1	378	< 0.04	7.16	4.7		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/17/16	1046	3.56	1378.17	2.2	400	< 0.04	7	< 100		
375115097313602	25S 02W 22DCDC02	IW-35C DEEP	08/17/16	1050			2.2	385	< 0.039	6.71	7.4		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	05/01/02	1145	10.59	1362.66							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	05/01/02	1146			1.11	157	4.93	34.7	< 5		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/25/02	1105	20.77	1352.48							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/25/02	1106			< 1	176	7.11	6.54	< 5		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	04/10/03	1200	10.08	1364.85							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	04/10/03	1201			< 1	167	5.88	8.42	< 5		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/23/03	1035	15.30	1359.63							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/23/03	1036			1.14	258	6.67	< 5	< 5		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	04/12/04	1200	9.81	1365.12							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	04/12/04	1201			< 1	216	9.61	3	< 5		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	04/21/04	1255	9.78	1365.15							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/18/04	1035	9.66	1365.27					0.0352	< 0.005	
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/18/04	1036			1.13	249	6.14	1	< 5		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/18/04	1040	9.66	1365.27							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/18/05	915	9.93	1365.00					0.07	< 0.05	
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/18/05	916			2.38	285	7.31	< 1	< 5		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/27/06	1105	16.38	1358.55					0.09	< 0.05	
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/27/06	1106			1	351	7.3	< 5	< 50		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/25/07	1205	18.19	1356.74					0.05	< 0.05	
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/25/07	1206			< 1	327	5.63	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/22/08	1130	18.31	1356.62					0.0472	< 0.006	
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/22/08	1131			< 1	362.1	6.78	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/24/09	1050	9.14	1365.79							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/24/09	1051			< 1	408.1	7.87	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	09/02/10	1050	10.65	1364.28							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	09/02/10	1051			1.52	388.1	8.83	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	07/13/11	1216	20.09	1354.84	1.5	410	7.26	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/29/12	1050	14.25	1360.68							
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/29/12	1051			1.7	390	11.3	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	09/26/13	1031	12.84	1362.09	1.8	380	9.98	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	10/14/14	1105	13.23	1361.70					0.023	< 0.008	
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	10/14/14	1106			1.4	400	10.9	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/24/15	1051	10.92	1364.01	1.4	380	10.2	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/24/15	1055			1	364	10.6	< 1.2	< 4		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/08/16	1145	10.40	1364.53					0.019	< 0.008	
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/08/16	1146			1.6	370	10.6	< 5	< 100		
375115097294602	25S 02W 25BBAA02	IW-36C DEEP	08/08/16	1150			1.1	384	10.8	< 0.4	6.8		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	04/12/02	1305	14.25	1353.60							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	04/12/02	1306			< 1	61	3.37	333	< 5		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/25/02	1130	15.52	1352.33						< 0.05	< 0.05
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/25/02	1131			< 1	72	4.09	311	< 5		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/25/02	1132								< 0.05	
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	04/11/03	1125	14.32	1355.58							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	04/11/03	1126			< 1	65	3.58	329	< 5		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/24/03	1040	14.81	1355.09							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/24/03	1041			1.16	62	4.26	345	< 5		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	04/07/04	1205	13.74	1356.16							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	04/07/04	1206			1	65	3.89	325	< 5		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	04/20/04	1545	13.65	1356.25							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/13/04	1005	12.82	1357.08							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/13/04	1006			1.11	73	3.92	326	< 5		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/12/05	1040	12.43	1357.47							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/12/05	1041			< 1	75.4	7.09	325	< 5		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/26/06	1130	15.16	1354.74						< 0.007	< 0.005
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/26/06	1131			< 1	67.7	6.13	314	< 50		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/26/06	1135	15.16	1354.74							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/26/07	1155	13.72	1356.18							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/26/07	1156			< 1	69.9	3.56	309	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/17/08	1025	13.54	1356.36							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/17/08	1026			1	73.3	3.32	338	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/13/09	1105	12.13	1357.77							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/13/09	1106			< 1	77.8	5.8	333	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/10/10	1105	11.61	1358.29						< 0.007	< 0.008
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/10/10	1106			1.52	74.1	< 0.01	337	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/19/11	1130	15.65	1354.25							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	07/19/11	1131			1.8	81	4.7	356	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/30/12	1040	18.24	1351.66							
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	08/30/12	1041			2	89	6.19	346	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	11/21/13	1146	16.43	1353.47	2.1	96	5.27	360	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	10/15/14	1035	16.83	1353.07						0.005	< 0.008
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	10/15/14	1036			1.4	95	5.57	349	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	09/30/15	1056	13.33	1356.57	1.5	94	5.79	373	< 100		
375116097274702	25S 01W 20CCCC02	IW-37C DEEP	09/07/16	1131	11.01	1358.89	1.6	110	6.75	410	< 100		

Station ID	Name		Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	05/02/02	1145	15.60	1351.70							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	05/02/02	1146			< 1	21	< 0.01	289	5.63		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/22/02	1155	18.52	1348.78							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/22/02	1156			< 1	26	0.02	289	7.86		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	04/03/03	1110	14.05	1348.17							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	04/03/03	1111			< 1	22	< 0.01	321	10		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/24/03	1035	18.72	1343.50						< 0.007	< 0.0045
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/24/03	1036			< 1	22	0.01	329	10.9		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/24/03	1040	18.72	1343.50							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	04/14/04	1125	13.95	1362.22							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	04/14/04	1126			< 1	26	< 0.01	311	10		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	04/21/04	1335	14.02	1348.20							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/17/04	1215	14.32	1347.90							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/17/04	1216			< 1	27	< 0.01	301	13		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/17/04	1220	14.32	1347.90							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/18/05	1140	14.70	1347.52							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/18/05	1141			< 1	37.8	0.3	302	12		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/03/06	1050	18.63	1343.59							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/03/06	1051			< 1	23.8	< 0.01	286	< 50		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/25/07	1140	16.03	1346.19						E 0.0054	< 0.005
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/25/07	1141			< 1	20.4	< 0.01	283	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/25/07	1145	16.03	1346.19							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/24/08	1040	14.30	1347.92							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/24/08	1041			< 1	20.8	< 0.01	320	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/17/09	1305	14.24	1347.98							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/17/09	1306			< 1	20.5	< 0.01	302	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	09/02/10	1105	15.76	1346.46							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	09/02/10	1106			0.59	16.2	< 0.01	294	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/26/11	1220	19.84	1342.38						< 0.008	< 0.008
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	07/26/11	1221			< 0.3	19	0.26	316	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	09/05/12	1110	20.52	1341.70							
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	09/05/12	1111			0.7	22	0.22	299	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	11/21/13	1026	16.07	1346.15	0.9	22	< 0.02	333	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	10/14/14	1045	17.29	1344.93						0.007	< 0.008
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	10/14/14	1046			0.5	22	< 0.02	310	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/24/15	1055	13.32	1348.90						0.006	< 0.008
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/24/15	1056			0.5	20	< 0.02	355	< 100		
375141097253802	25S 01W 21DAAA02	IW-38C DEEP	08/31/16	1056	11.76	1350.46	0.5	18	< 0.02	344	< 100		

Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	03/16/10	0000	30.51							
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	03/16/10	1111		8.21	10.2	0.01	127	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	04/19/10	1115	31.66							
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	04/19/10	1116		8.96	10.2	< 0.01	149	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	08/23/10	1145	36.34						< 0.007	< 0.008
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	08/23/10	1146		9.07	12.2	< 0.01	187	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	11/02/10	1235	31.65							
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	11/02/10	1236		9.12	< 5	0.18	188	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	03/21/11	1215	28.65							
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	03/21/11	1216		11.2	11.1	0.18	199	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	08/24/11	1130	35.86						< 0.008	< 0.008
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	08/24/11	1131		9.3	11	< 0.01	201	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	08/06/12	1130		10.9	11	0.17	196	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	08/06/12	1135	41.83							
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	08/27/13	1130		9.2	11.6	< 0.04	186	16.6	< 0.008	< 0.008
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	07/15/14	1205	35.57						< 0.008	< 0.008
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	07/15/14	1206		9.7	12	0.03	181	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	07/21/15	1200	31.75						< 0.008	< 0.008
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	07/21/15	1201		9.3	12	< 0.02	203	< 100		
375920097342602	24S 02W 05CCBB02	CMW-01 DEEP ASR-P2	06/23/16	1221	29.21	9.2	12	< 0.02	217	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	03/17/10	1115	24.97							
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	03/17/10	1116		2.06	87.4	0.01	112	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	04/21/10	1050	25.40							
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	04/21/10	1051		2.06	87.6	0.01	113	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	08/18/10	1125	24.69						< 0.007	< 0.008
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	08/18/10	1126		1.82	89.7	< 0.01	116	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	11/03/10	1130	23.08							
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	11/03/10	1131		1.82	86.6	0.22	118	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	03/22/11	1155	22.64							
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	03/22/11	1156		2.54	86.7	0.2	121	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	08/24/11	1120	27.46						< 0.008	< 0.008
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	08/24/11	1121		1.8	90	0.2	123	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	08/07/12	1045	29.70							
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	08/07/12	1046		1.9	92	0.18	125	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	08/27/13	1100	28.35	1.8	93.5	< 0.04	123	4.1	< 0.008	< 0.008
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	07/23/14	1135	27.85						< 0.008	< 0.008
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	07/23/14	1136		2	93	0.02	122	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	07/23/15	1031	25.17	1.9	86	< 0.02	121	< 100		
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	06/22/16	1220	21.37						< 0.008	< 0.008
375722097360602	24S 03W 13CDDD02	CMW-02 DEEP ASR-P2	06/22/16	1221		1.9	84	< 0.02	138	< 100		

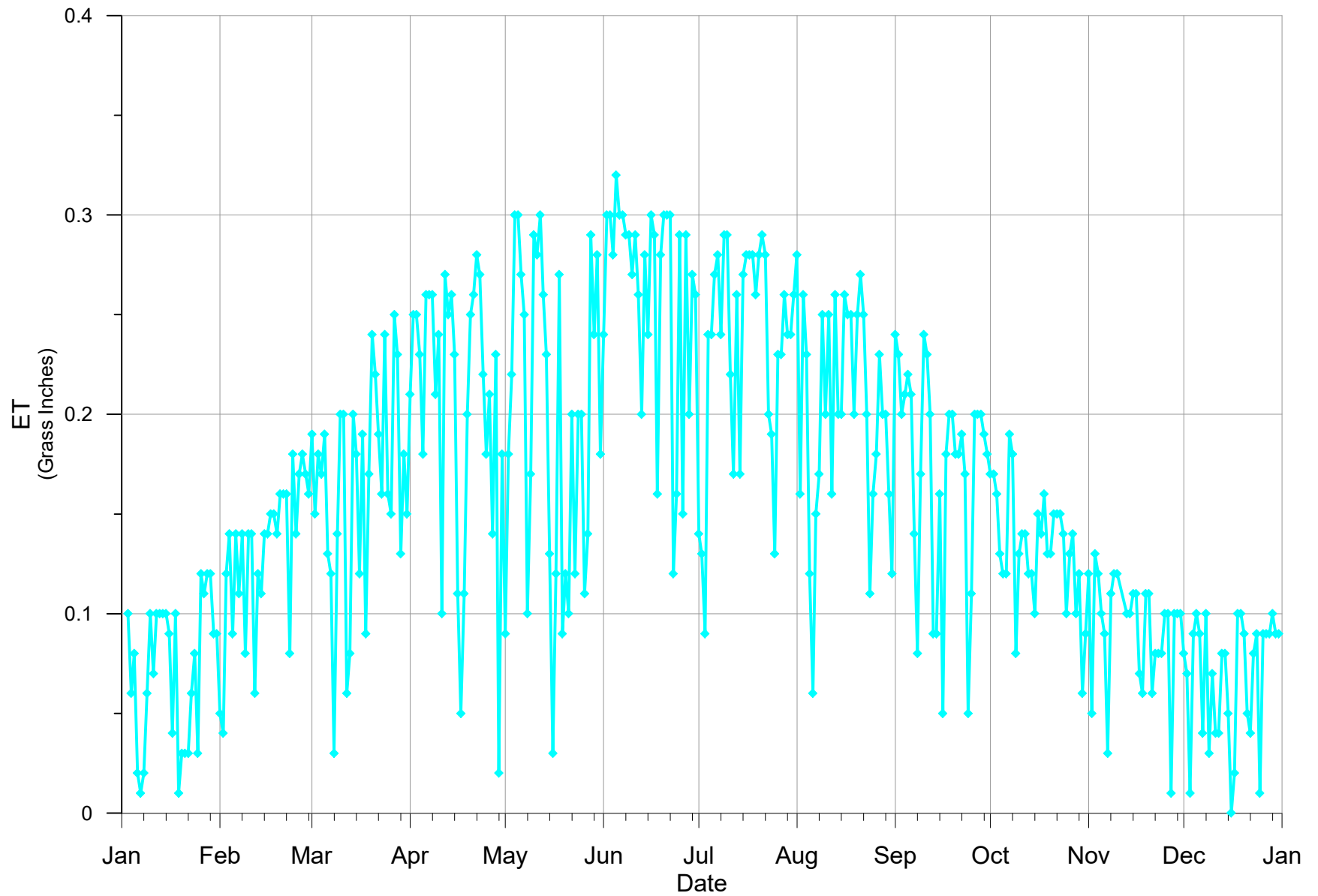
Station ID	Name	Sample Date	Sample Time	Depth to Water ftg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	03/18/10	1105	19.83							
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	03/18/10	1106		2.54	39	0.01	226	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	04/26/10	1140	22.45							
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	04/26/10	1141		2.67	38.3	0.01	227	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	08/23/10	1205	21.48						< 0.007	< 0.008
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	08/23/10	1206		2.29	38.3	0.35	232	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	11/04/10	1125	18.75							
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	11/04/10	1126		2.46	41	0.2	236	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	03/23/11	1125	18.91							
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	03/23/11	1126		2.2	41	0.23	235	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	08/25/11	1130	25.44						< 0.008	< 0.008
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	08/25/11	1131		2.2	44	0.19	241	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	08/07/12	1045	29.70							
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	08/07/12	1046		1.9	92	0.18	125	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	08/28/13	1120	22.03	2.3	43.8	< 0.04	221	< 4	< 0.008	< 0.008
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	07/22/14	1125	20.90						< 0.008	< 0.008
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	07/22/14	1126		2.6	47	< 0.02	232	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	07/23/15	1031	18.74	2.3	44	< 0.02	241	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	06/27/16	1201	15.00	2.3	43	< 0.02	262	< 100		
375722097333602	24S 02W 17DCDD02	CMW-03 DEEP ASR-P2	06/27/16	1206		2.3	43	< 0.02	262	< 100		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	03/23/10	1210	16.75							
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	03/23/10	1211		8.1	71.8	< 0.01	927	370		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	04/27/10	1120	16.43							
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	04/27/10	1121		8.41	70.9	0.01	967	370		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	08/30/10	1235	16.25						< 0.007	< 0.008
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	08/30/10	1236		8.33	67.3	< 0.01	1164	860		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	11/08/10	1135	16.19							
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	11/08/10	1136		8.21	69.4	0.14	1220	1070		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	03/24/11	1135	15.88							
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	03/24/11	1136		11.2	73.1	0.2	1180	1270		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	08/29/11	1115	19.76						< 0.008	< 0.008
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	08/29/11	1116		8.5	74	0.18	1270	1590		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	08/07/12	1110	22.77							
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	08/07/12	1111		9.2	79	0.18	1230	1800		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	08/28/13	1130	20.48	8.8	75.3	< 0.04	1130	1870	< 0.008	< 0.008
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	07/23/14	1135	18.94						< 0.008	< 0.008
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	07/23/14	1136		10.7	78	< 0.02	1180	2410		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	10/22/14	0921	19.00	10.1	110	0.05	1330	2590		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	07/22/15	1255	18.38						< 0.008	< 0.008
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	07/22/15	1256		9.3	76	< 0.02	1140	2330		
375630097353602	24S 03W 24DDDC02	CMW-04 DEEP ASR-P2	06/27/16	1141	7.68	9.1	77	< 0.02	1230	2450		


Station ID	Name	Sample Date	Sample Time	Depth to Water fbg ¹	Water Surface Elevation NGVD29 ²	Arsenic ug/L ³	Chloride mg/L ⁴	Nitrate mg/L ⁴	Manganese ug/L ³	Iron ug/L ³	Atrazine ug/L ³	Alachlor ug/L ³
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	03/24/10	1130	22.87							
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	03/24/10	1131		4.2	15.2	< 0.01	214	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	03/24/10	1132							0.07	< 0.02
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	04/28/10	1135	23.29							
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	04/28/10	1136		4.41	14.8	0.03	240	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	08/30/10	1115	24.73						0.0606	< 0.008
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	08/30/10	1116		3.17	12.2	< 0.01	217	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	08/30/10	1120	24.73							
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	11/09/10	1105	23.65							
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	11/09/10	1106		3.69	16.1	0.19	246	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	03/28/11	1130	23.01							
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	03/28/11	1131		3.3	15	0.2	237	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	08/29/11	1145	29.39						0.039	< 0.008
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	08/29/11	1146		3.5	12	0.14	239	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	08/08/12	1115	28.38							
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	08/08/12	1116		4.2	15	0.17	271	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	09/04/13	1100	27.25						0.067	< 0.008
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	09/04/13	1101		4.5	18	< 0.02	291	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	07/30/14	1110	26.59						0.036	< 0.008
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	07/30/14	1111		4.6	22	< 0.02	299	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	07/27/15	1041	24.44	4	21	< 0.02	325	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	07/27/15	1046		4	21	< 0.02	323	< 100		
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	06/29/16	1135	20.36						0.031	< 0.008
375629097312302	24S 02W 22DCDD02	CMW-05 DEEP ASR-P2	06/29/16	1136		3.5	21	0.02	343	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	03/25/10	1110	22.09							
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	03/25/10	1111		3.2	76.4	< 0.01	237	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	05/03/10	1045	21.98							
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	05/03/10	1046		3.2	74.7	< 0.01	252	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	08/31/10	1210	21.82						< 0.007	< 0.008
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	08/31/10	1211		2.86	72.5	< 0.01	238	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	11/10/10	1135	20.13							
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	11/10/10	1136		2.79	76.7	0.26	253	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	03/30/11	1205	20.87							
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	03/30/11	1206		2.7	78	0.26	262	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	08/30/11	1130	29.66						< 0.008	< 0.008
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	08/08/12	1045	29.78							
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	08/08/12	1046		3.1	81	0.23	258	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	09/04/13	1110	31.46						< 0.008	< 0.008
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	09/04/13	1111		3.1	81	< 0.02	262	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	07/29/14	1115	24.59						< 0.008	< 0.008
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	07/29/14	1116		3.3	84	< 0.02	249	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	07/28/15	1031	23.01	3	82	< 0.02	267	< 100		
375537097314202	24S 02W 27CDDD02	CMW-06 DEEP ASR-P2	06/30/16	1051	17.13	2.8	80	< 0.02	304	< 100		

fbg¹ - feet below grade
 NGVD29² - National Geodetic Vertical Datum 1929

ug/L³ - micrograms per liter
 mg/L⁴ - milligrams per liter

**APPENDIX F –
2016 MONTHLY PRECIPITATION & EVAPOTRANSPIRATION DATA**



Legend
 Daily Calculated Evapotranspiration Value

Data from Kansas State University Mesonet
<http://mesonet.k-state.edu/weather/historical/>



Figure F.1
 Daily ET Value
 January - December 2016

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Jan-16	42.60	18.70	85.60	0.00	0.40	0.40	301.00	0.10	43.60	43.70	43.50	1412.30
2-Jan-16	46.70	20.20	80.90	0.00	0.40	0.40	305.30	0.10	43.70	43.80	43.60	1412.20
3-Jan-16	41.60	23.20	88.50	0.00	0.40	0.40	299.00	0.10	43.60	43.70	43.50	1412.30
4-Jan-16	28.70	16.50	100.00	0.00	0.40	0.40	189.70	0.06	43.50	43.50	43.40	1412.30
5-Jan-16	39.20	17.90	97.40	0.00	0.40	0.40	241.30	0.08	43.60	43.60	43.50	1412.30
6-Jan-16	39.30	31.90	100.00	0.03	0.40	0.40	47.50	0.02	43.70	43.70	43.60	1412.30
7-Jan-16	42.80	37.40	100.00	0.49	0.40	1.60	26.70	0.01	43.80	43.80	43.70	1412.10
8-Jan-16	39.20	31.10	100.00	0.00	0.50	14.00	59.90	0.02	43.60	43.80	43.50	1412.30
9-Jan-16	31.50	12.40	94.80	0.00	0.40	18.20	173.30	0.06	43.40	43.60	43.30	1412.60
10-Jan-16	29.20	2.30	90.00	0.00	0.40	0.40	307.20	0.10	43.30	43.30	43.20	1412.90
11-Jan-16	45.70	23.20	85.30	0.00	0.40	0.40	239.10	0.07	43.30	43.40	43.30	1412.70
12-Jan-16	37.40	21.90	91.30	0.00	0.40	0.40	309.30	0.10	43.20	43.30	43.10	1412.90
13-Jan-16	56.90	21.10	82.50	0.00	0.40	0.40	309.30	0.10	43.30	43.40	43.20	1412.80
14-Jan-16	58.70	28.30	84.40	0.00	0.40	0.40	313.40	0.10	43.50	43.60	43.40	1412.40
15-Jan-16	40.80	26.10	90.80	0.00	0.40	0.40	305.30	0.10	43.30	43.50	43.20	1412.70
16-Jan-16	40.50	23.40	90.40	0.00	0.40	0.40	288.80	0.09	43.10	43.20	43.10	1412.90
17-Jan-16	27.00	11.30	85.80	0.00	0.40	0.40	134.10	0.04	42.90	43.10	42.70	1413.00
18-Jan-16	30.60	12.60	69.90	0.00	0.40	0.40	292.80	0.10	42.80	42.90	42.70	1413.20
19-Jan-16	28.30	22.10	91.70	0.00	0.40	0.40	37.20	0.01	42.80	42.80	42.70	1413.10
20-Jan-16	29.60	17.50	100.00	0.00	0.40	0.60	96.90	0.03	42.80	42.90	42.70	1413.20
21-Jan-16	29.60	26.50	100.00	0.00	0.40	0.40	90.70	0.03	42.60	42.70	42.50	1413.30
22-Jan-16	27.90	22.30	99.00	0.00	0.40	0.40	84.50	0.03	42.50	42.50	42.40	1413.70
23-Jan-16	36.40	22.30	98.30	0.01	0.40	0.40	197.90	0.06	42.60	42.80	42.40	1413.30
24-Jan-16	51.30	26.00	91.10	0.00	0.40	0.60	266.10	0.08	42.90	43.00	42.70	1413.10
25-Jan-16	43.10	28.50	96.60	0.00	0.40	0.70	90.70	0.03	42.80	43.00	42.50	1413.10
26-Jan-16	45.60	22.10	86.50	0.00	0.40	0.40	350.60	0.12	42.50	42.50	42.40	1413.50
27-Jan-16	58.00	20.80	77.60	0.00	0.40	0.40	327.90	0.11	42.50	42.60	42.40	1413.30
28-Jan-16	57.90	30.30	81.90	0.00	0.40	0.40	352.50	0.12	42.50	42.60	42.50	1413.30
29-Jan-16	65.30	30.40	79.60	0.00	0.40	0.40	348.40	0.12	42.70	42.90	42.60	1413.20
30-Jan-16	59.60	28.30	87.10	0.00	0.40	0.40	286.60	0.09	42.70	42.80	42.60	1413.20
31-Jan-16	53.40	35.70	84.10	0.00	0.40	0.60	278.30	0.09	42.40	42.60	42.20	1413.70

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Feb-16	52.10	30.70	83.20	0.12	4.80	24.60	177.30	0.05	42.30	42.60	42.20	1413.80
2-Feb-16	41.50	30.50	97.40	0.45	16.30	35.80	134.10	0.04	42.40	42.60	42.00	1413.70
3-Feb-16	36.60	20.10	83.40	0.00	14.50	31.80	369.20	0.12	41.90	42.00	41.80	1414.00
4-Feb-16	47.50	16.80	78.70	0.00	6.70	22.20	393.80	0.14	41.80	41.90	41.70	1414.10
5-Feb-16	49.10	20.60	84.10	0.00	2.90	11.60	268.00	0.09	41.70	41.80	41.70	1414.20
6-Feb-16	51.70	23.30	83.10	0.00	6.70	16.30	395.90	0.14	41.70	41.80	41.60	1414.20
7-Feb-16	53.60	34.50	68.00	0.00	12.10	32.10	327.90	0.11	41.70	41.80	41.70	1414.20
8-Feb-16	42.60	28.40	63.20	0.00	19.10	40.30	408.40	0.14	41.70	41.70	41.60	1414.30
9-Feb-16	38.00	22.80	71.70	0.00	12.00	26.10	249.40	0.08	41.60	41.70	41.50	1414.30
10-Feb-16	71.40	22.70	70.60	0.00	8.80	22.70	412.40	0.14	41.70	41.90	41.60	1414.20
11-Feb-16	46.80	25.20	88.60	0.00	5.70	15.00	391.90	0.14	41.60	41.70	41.50	1414.30
12-Feb-16	36.50	26.90	94.50	0.00	9.30	21.50	193.80	0.06	41.40	41.60	41.30	1414.70
13-Feb-16	39.90	17.90	64.00	0.00	9.90	22.20	363.00	0.12	41.40	41.60	41.30	1414.40
14-Feb-16	55.80	17.40	68.90	0.00	5.30	19.50	342.20	0.11	41.60	41.70	41.50	1414.30
15-Feb-16	59.60	35.40	67.10	0.00	8.00	16.80	410.30	0.14	41.70	41.80	41.60	1414.30
16-Feb-16	53.50	27.90	79.40	0.02	11.00	35.00	402.10	0.14	41.50	41.70	41.40	1414.50
17-Feb-16	66.00	28.20	71.20	0.00	7.60	21.40	424.80	0.15	41.50	41.60	41.40	1414.40
18-Feb-16	76.70	46.00	64.60	0.00	22.00	39.50	431.00	0.15	41.70	41.90	41.50	1414.30
19-Feb-16	69.70	42.40	40.50	0.00	9.50	29.90	395.90	0.14	41.50	41.80	41.40	1414.50
20-Feb-16	71.20	35.40	61.10	0.00	7.00	21.40	443.40	0.16	41.50	41.50	41.40	1414.60
21-Feb-16	58.00	31.00	79.20	0.00	10.60	27.10	457.80	0.16	41.30	41.40	41.20	1414.80
22-Feb-16	55.00	23.10	82.30	0.00	4.80	14.30	445.30	0.16	41.30	41.40	41.20	1414.80
23-Feb-16	52.90	30.80	80.00	0.00	11.10	28.90	249.40	0.08	41.30	41.30	41.20	1414.80
24-Feb-16	55.90	22.60	72.40	0.00	10.30	32.40	490.70	0.18	41.20	41.30	41.10	1414.90
25-Feb-16	42.40	22.60	74.20	0.00	11.30	26.60	410.30	0.14	41.00	41.10	40.90	1415.00
26-Feb-16	62.40	18.70	66.80	0.00	6.90	23.20	484.50	0.17	41.10	41.20	40.90	1415.00
27-Feb-16	74.00	25.00	52.60	0.00	12.30	30.80	505.30	0.18	41.20	41.40	41.10	1414.90
28-Feb-16	66.50	35.90	61.70	0.00	15.10	34.40	486.60	0.17	41.20	41.40	41.00	1414.90
29-Feb-16	72.00	30.90	66.00	0.00	11.60	42.70	457.80	0.16	41.20	41.40	41.00	1414.90

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Mar-16	52.10	28.40	69.70	0.00	12.20	34.60	519.60	0.19	41.00	41.20	40.90	1415.00
2-Mar-16	67.80	30.20	66.40	0.00	12.50	36.00	420.80	0.15	41.20	41.30	41.00	1414.90
3-Mar-16	60.50	35.60	74.20	0.00	10.50	27.20	513.40	0.18	41.00	41.30	40.90	1415.00
4-Mar-16	72.90	27.60	68.90	0.00	10.20	33.40	476.40	0.17	41.00	41.20	40.90	1415.00
5-Mar-16	68.60	27.00	62.40	0.00	5.50	16.00	517.70	0.19	40.90	41.00	40.80	1415.10
6-Mar-16	71.50	46.00	66.20	0.00	19.10	41.70	383.50	0.13	41.20	41.30	41.00	1415.00
7-Mar-16	74.70	60.30	93.00	0.00	21.50	38.00	354.70	0.12	41.30	41.30	41.20	1414.80
8-Mar-16	64.50	40.70	96.20	0.03	8.90	28.40	78.30	0.03	41.20	41.30	41.10	1414.90
9-Mar-16	62.00	35.30	91.20	0.00	4.80	13.30	402.10	0.14	41.00	41.10	40.90	1415.00
10-Mar-16	69.30	31.70	71.50	0.00	4.30	12.80	540.30	0.20	41.00	41.10	40.90	1415.00
11-Mar-16	71.00	32.00	65.10	0.00	6.00	22.20	536.00	0.20	41.10	41.20	41.00	1415.00
12-Mar-16	61.80	46.70	97.90	0.01	9.00	20.20	167.10	0.06	41.10	41.20	41.10	1415.00
13-Mar-16	64.80	48.90	97.20	0.36	5.00	16.70	249.40	0.08	41.10	41.10	41.00	1415.00
14-Mar-16	77.60	41.00	87.90	0.01	7.40	27.60	529.80	0.20	41.10	41.20	41.00	1415.00
15-Mar-16	64.70	42.70	71.00	0.00	14.80	35.50	505.30	0.18	40.90	41.10	40.80	1415.00
16-Mar-16	61.90	32.60	58.00	0.00	8.60	25.90	342.20	0.12	40.70	40.90	40.60	1415.20
17-Mar-16	64.40	27.40	60.10	0.00	5.40	22.70	523.90	0.19	40.70	40.90	40.60	1415.20
18-Mar-16	47.40	29.30	88.30	0.18	12.60	27.10	264.00	0.09	40.50	40.70	40.40	1415.50
19-Mar-16	44.60	19.30	75.90	0.00	9.70	31.90	476.40	0.17	40.40	40.50	40.40	1415.70
20-Mar-16	48.60	23.80	73.00	0.00	7.50	21.90	627.00	0.24	40.40	40.50	40.30	1415.60
21-Mar-16	69.90	29.70	58.90	0.00	17.30	34.80	593.80	0.22	40.60	40.80	40.50	1415.30
22-Mar-16	78.60	48.20	57.70	0.00	19.40	34.10	527.90	0.19	40.90	41.00	40.70	1415.10
23-Mar-16	76.80	39.00	65.60	0.00	21.80	44.50	466.10	0.16	40.80	41.00	40.50	1415.00
24-Mar-16	52.60	31.30	65.50	0.00	17.50	38.00	628.90	0.24	40.50	40.60	40.40	1415.50
25-Mar-16	63.20	22.60	60.10	0.00	10.50	27.20	472.30	0.16	40.60	40.80	40.40	1415.30
26-Mar-16	55.80	36.90	87.80	0.14	12.70	27.20	432.90	0.15	40.60	40.80	40.50	1415.30
27-Mar-16	58.50	24.00	77.10	0.09	6.70	22.00	655.80	0.25	40.60	40.70	40.50	1415.30
28-Mar-16	66.10	29.70	68.90	0.00	11.00	29.90	616.50	0.23	40.70	40.80	40.60	1415.30
29-Mar-16	66.90	42.70	65.10	0.00	17.30	34.10	363.00	0.13	40.80	41.00	40.70	1415.10
30-Mar-16	78.80	57.00	68.70	0.00	14.60	34.40	490.70	0.18	41.00	41.10	40.90	1415.00
31-Mar-16	62.10	35.70	75.10	0.00	12.30	26.90	428.90	0.15	40.80	40.90	40.60	1415.10

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Apr-16	54.80	29.10	65.40	0.00	10.60	27.60	569.20	0.21	40.50	40.60	40.50	1415.50
2-Apr-16	69.90	27.40	58.60	0.00	7.50	21.00	666.10	0.25	40.60	40.80	40.50	1415.30
3-Apr-16	82.70	38.90	51.40	0.00	10.40	30.40	676.40	0.25	40.80	41.00	40.70	1415.10
4-Apr-16	73.20	41.70	60.00	0.00	7.00	16.50	624.80	0.23	40.80	41.10	40.60	1415.20
5-Apr-16	86.50	47.30	56.40	0.02	17.80	47.50	505.30	0.18	41.30	41.50	41.00	1414.80
6-Apr-16	68.30	45.20	59.90	0.03	15.60	40.50	680.40	0.26	41.00	41.10	40.90	1415.00
7-Apr-16	69.90	41.10	49.40	0.00	13.30	36.00	686.60	0.26	41.00	41.10	40.90	1415.00
8-Apr-16	71.20	31.40	51.40	0.00	6.40	21.40	682.60	0.26	41.00	41.20	40.80	1415.10
9-Apr-16	73.90	36.30	56.30	0.00	17.10	36.10	581.40	0.21	41.20	41.40	41.10	1414.90
10-Apr-16	78.50	54.60	74.00	0.00	13.80	37.80	639.10	0.24	41.20	41.30	40.90	1414.90
11-Apr-16	58.70	40.70	56.20	0.00	8.90	28.40	292.80	0.10	41.00	41.20	40.80	1415.00
12-Apr-16	67.20	30.60	53.50	0.00	6.60	21.00	707.40	0.27	41.20	41.40	41.00	1415.00
13-Apr-16	70.80	35.80	76.90	0.00	7.60	21.40	670.20	0.25	41.60	41.70	41.40	1414.40
14-Apr-16	72.70	37.90	83.00	0.00	9.30	23.90	690.70	0.26	41.40	41.50	41.30	1414.70
15-Apr-16	76.00	50.70	79.20	0.00	15.70	32.90	612.40	0.23	41.40	41.50	41.30	1414.70
16-Apr-16	72.20	58.70	88.90	0.00	19.30	34.10	288.80	0.11	41.30	41.40	41.20	1414.70
17-Apr-16	63.60	58.00	99.80	1.11	11.50	32.30	127.90	0.05	41.10	41.20	41.10	1414.90
18-Apr-16	60.60	46.20	99.20	0.59	8.30	19.40	317.70	0.11	41.00	41.10	40.90	1415.00
19-Apr-16	66.70	41.20	94.20	0.57	6.80	22.70	542.20	0.20	41.00	41.10	40.90	1415.00
20-Apr-16	66.50	49.20	89.60	0.16	8.90	22.70	661.80	0.25	41.00	41.00	40.90	1415.00
21-Apr-16	71.20	44.50	83.00	0.00	8.60	23.70	686.60	0.26	40.90	41.00	40.80	1415.00
22-Apr-16	71.30	45.30	83.30	0.00	5.50	15.20	746.50	0.28	40.70	40.80	40.70	1415.20
23-Apr-16	78.50	46.50	78.40	0.00	13.70	33.60	705.30	0.27	40.70	40.80	40.60	1415.20
24-Apr-16	79.60	60.40	78.80	0.00	21.70	42.00	612.40	0.22	40.80	40.90	40.70	1415.10
25-Apr-16	79.00	60.20	87.00	0.00	5.50	17.80	486.60	0.18	40.70	40.80	40.60	1415.30
26-Apr-16	85.30	60.00	85.60	0.39	13.80	39.80	552.70	0.21	40.70	40.80	40.50	1415.20
27-Apr-16	63.50	46.80	88.10	0.00	10.70	24.20	406.20	0.14	40.40	40.60	40.20	1415.70
28-Apr-16	62.60	42.80	84.60	0.07	8.60	19.70	614.60	0.23	40.10	40.20	40.00	1415.90
29-Apr-16	52.80	44.20	100.00	1.33	12.40	28.90	59.90	0.02	40.10	40.20	40.00	1416.00
30-Apr-16	58.50	45.10	94.20	0.03	9.70	21.40	484.50	0.18	40.00	40.10	39.80	1416.00

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-May-16	52.80	41.60	96.90	0.00	10.60	23.40	226.70	0.09	39.60	39.80	39.50	1416.30
2-May-16	63.00	45.70	83.50	0.00	7.20	18.20	495.00	0.18	39.50	39.60	39.40	1416.50
3-May-16	71.10	38.10	77.80	0.00	5.20	15.50	591.90	0.22	39.40	39.40	39.30	1416.70
4-May-16	72.10	48.40	69.90	0.00	9.30	24.20	779.50	0.30	39.30	39.30	39.20	1416.80
5-May-16	78.50	40.40	68.20	0.00	3.20	9.60	777.30	0.30	39.20	39.30	39.00	1417.00
6-May-16	83.20	47.60	65.60	0.00	9.50	24.90	719.60	0.27	39.10	39.30	39.00	1417.00
7-May-16	83.60	54.10	71.10	0.00	11.40	26.20	680.40	0.25	39.40	40.10	39.10	1416.60
8-May-16	72.70	60.60	96.50	0.03	13.80	46.50	290.70	0.10	39.30	39.40	39.20	1416.80
9-May-16	80.50	53.80	89.00	0.06	13.30	37.00	451.60	0.17	39.50	40.20	39.20	1416.50
10-May-16	84.80	48.50	76.00	0.00	6.00	17.00	773.30	0.29	39.90	40.40	39.50	1416.10
11-May-16	74.00	55.00	84.20	0.00	14.10	34.10	748.40	0.28	39.30	39.50	39.10	1416.70
12-May-16	75.90	47.80	66.20	0.00	6.10	19.00	795.90	0.30	39.20	39.30	39.10	1417.00
13-May-16	86.90	48.60	69.90	0.00	14.60	38.60	707.40	0.26	39.20	39.30	39.10	1416.80
14-May-16	60.10	40.30	64.90	0.00	8.70	25.20	612.40	0.23	39.20	39.40	39.10	1416.90
15-May-16	61.60	46.50	64.80	0.00	6.70	17.20	348.40	0.13	39.30	39.40	39.20	1416.70
16-May-16	58.10	49.70	99.10	0.55	9.50	18.30	88.80	0.03	39.40	39.40	39.20	1416.70
17-May-16	63.40	49.10	95.20	0.01	10.10	21.40	350.60	0.12	39.10	39.20	39.00	1416.90
18-May-16	66.90	40.20	84.80	0.00	4.10	14.70	723.90	0.27	39.00	39.10	39.00	1417.00
19-May-16	60.40	45.30	98.10	0.15	5.60	14.50	231.00	0.09	39.10	39.10	39.00	1417.00
20-May-16	68.30	53.50	95.10	0.00	6.90	13.50	342.20	0.12	39.00	39.10	39.00	1417.00
21-May-16	73.30	55.20	95.90	0.00	11.50	23.00	290.70	0.10	39.10	39.20	39.00	1417.00
22-May-16	82.60	63.30	89.20	0.00	16.30	28.90	534.10	0.20	39.20	39.40	39.20	1416.90
23-May-16	73.80	60.40	98.10	0.87	13.10	30.90	323.60	0.12	39.30	39.40	39.20	1416.80
24-May-16	81.20	61.40	94.30	0.67	12.60	37.50	552.70	0.20	39.10	39.20	38.90	1417.00
25-May-16	88.50	62.80	93.30	0.10	11.50	26.10	542.20	0.20	39.00	39.00	38.90	1417.00
26-May-16	82.90	57.50	98.10	2.49	10.10	48.00	280.40	0.11	38.80	38.90	38.40	1417.10
27-May-16	73.20	57.90	99.50	0.29	11.20	30.40	371.10	0.14	38.40	38.70	38.00	1417.60
28-May-16	77.90	56.30	86.90	0.00	6.70	17.80	771.10	0.29	37.50	38.00	37.00	1418.60
29-May-16	83.70	59.50	89.30	0.18	5.40	23.40	632.90	0.24	36.70	37.00	36.50	1419.30
30-May-16	82.30	60.60	85.00	0.00	8.10	21.50	736.00	0.28	36.40	36.50	36.20	1419.70
31-May-16	74.70	60.70	95.70	0.50	5.50	22.90	501.20	0.18	36.00	36.20	35.80	1420.00

Annual Climate Data Summary
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	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Jun-16	78.50	58.90	84.30	0.00	5.50	15.30	649.60	0.24	35.70	35.80	35.60	1420.30
2-Jun-16	82.50	56.50	74.60	0.00	6.00	18.00	781.60	0.30	35.60	35.60	35.50	1420.30
3-Jun-16	85.70	55.50	80.00	0.00	3.90	20.40	781.60	0.30	35.50	35.50	35.40	1420.50
4-Jun-16	83.10	61.50	69.10	0.00	10.40	29.80	740.30	0.28	35.40	35.40	35.30	1420.70
5-Jun-16	83.60	55.00	68.30	0.00	5.80	18.90	824.80	0.32	35.30	35.40	35.30	1420.70
6-Jun-16	91.50	59.80	62.80	0.00	3.80	12.60	791.90	0.30	35.40	35.50	35.30	1420.60
7-Jun-16	85.30	61.00	65.80	0.00	6.70	17.20	789.70	0.30	35.40	35.50	35.30	1420.70
8-Jun-16	95.30	65.30	64.50	0.00	11.80	27.90	773.30	0.29	35.50	35.80	35.40	1420.40
9-Jun-16	93.20	70.50	65.20	0.00	15.20	28.20	760.90	0.29	36.20	36.50	35.80	1419.90
10-Jun-16	94.80	72.20	70.90	0.00	12.90	26.40	727.90	0.27	36.60	36.80	36.40	1419.30
11-Jun-16	94.60	72.00	72.70	0.00	10.70	21.40	758.90	0.29	37.20	37.40	36.80	1418.90
12-Jun-16	93.10	68.10	81.40	0.00	8.30	19.20	705.30	0.26	37.50	37.60	37.30	1418.50
13-Jun-16	89.30	68.10	86.70	0.00	5.00	18.20	546.50	0.20	37.60	38.50	37.30	1418.40
14-Jun-16	94.00	69.50	74.80	0.00	7.90	23.90	736.00	0.28	39.10	39.50	38.50	1417.10
15-Jun-16	101.30	65.70	80.60	0.15	8.90	43.50	616.50	0.24	39.50	39.90	38.90	1416.50
16-Jun-16	95.10	68.60	84.60	0.00	9.60	20.00	779.50	0.30	39.40	41.40	38.50	1416.60
17-Jun-16	96.10	76.10	83.20	0.00	8.10	21.90	752.70	0.29	42.40	43.10	41.40	1413.60
18-Jun-16	88.50	65.40	94.50	1.60	7.90	53.10	410.30	0.16	41.10	43.10	39.50	1414.90
19-Jun-16	89.30	68.60	92.20	0.00	7.50	18.20	750.60	0.28	39.20	39.50	38.80	1416.90
20-Jun-16	94.90	73.60	83.30	0.00	7.40	17.50	777.30	0.30	38.60	38.80	38.50	1417.30
21-Jun-16	96.50	72.80	68.70	0.00	9.70	25.10	785.70	0.30	38.40	38.70	38.20	1417.60
22-Jun-16	100.70	74.00	66.30	0.00	12.40	26.90	785.70	0.30	38.40	39.20	38.10	1417.60
23-Jun-16	89.50	68.40	94.40	0.94	5.80	43.70	303.10	0.12	39.30	39.60	38.70	1416.60
24-Jun-16	88.20	69.90	94.60	0.00	8.20	20.70	435.10	0.16	38.20	38.60	37.90	1417.90
25-Jun-16	94.60	73.50	78.60	0.00	11.40	23.20	769.20	0.29	37.70	37.90	37.40	1418.30
26-Jun-16	84.70	69.30	91.10	0.00	3.90	19.00	420.80	0.15	37.40	37.50	37.30	1418.70
27-Jun-16	92.00	67.70	85.80	0.00	3.10	11.50	773.30	0.29	37.50	37.60	37.40	1418.40
28-Jun-16	88.30	67.80	83.40	0.00	5.40	21.00	534.10	0.20	37.70	38.70	37.50	1418.30
29-Jun-16	91.20	66.20	83.90	0.00	2.80	9.60	721.70	0.27	39.50	40.10	38.70	1416.50
30-Jun-16	92.40	67.70	74.80	0.00	4.40	14.20	703.10	0.26	40.70	41.00	40.10	1415.30

Annual Climate Data Summary
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	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Jul-16	77.90	69.40	94.10	0.11	6.50	16.80	387.60	0.14	41.30	41.70	41.00	1414.50
2-Jul-16	85.80	67.00	99.40	3.19	7.60	38.80	363.00	0.13	40.80	41.70	39.50	1415.20
3-Jul-16	76.10	67.30	100.00	0.01	5.50	17.80	266.10	0.09	38.90	39.50	38.30	1417.00
4-Jul-16	88.10	67.70	96.60	0.00	4.30	17.20	631.00	0.24	37.90	38.30	37.50	1417.90
5-Jul-16	94.10	75.40	90.60	0.00	7.90	18.50	643.40	0.24	37.20	37.50	36.90	1418.80
6-Jul-16	92.60	67.60	91.70	0.10	6.50	36.00	717.70	0.27	36.70	36.90	36.50	1419.30
7-Jul-16	95.60	74.80	91.00	0.00	10.10	25.20	730.10	0.28	36.20	36.50	36.00	1419.90
8-Jul-16	89.70	72.60	87.60	0.00	4.60	13.80	639.10	0.24	35.80	36.00	35.70	1420.00
9-Jul-16	91.50	71.20	88.70	0.00	6.30	16.00	756.80	0.29	36.50	37.60	35.60	1419.60
10-Jul-16	92.50	71.80	85.40	0.00	10.70	24.60	763.00	0.29	38.20	38.70	37.60	1417.70
11-Jul-16	91.40	76.00	86.30	0.00	14.70	29.20	606.20	0.22	38.90	39.50	38.70	1417.10
12-Jul-16	85.60	67.80	96.00	0.04	8.60	31.90	453.70	0.17	39.70	40.20	39.50	1416.30
13-Jul-16	95.00	68.80	88.80	0.04	7.20	21.90	688.80	0.26	40.50	40.90	40.20	1415.50
14-Jul-16	83.30	67.00	93.80	0.35	5.40	26.20	455.60	0.17	39.80	40.90	38.50	1416.10
15-Jul-16	86.20	64.50	89.90	0.00	4.20	15.50	713.40	0.27	38.10	38.50	37.80	1417.90
16-Jul-16	89.30	69.70	87.90	0.00	7.80	20.40	732.00	0.28	38.20	39.40	37.60	1417.80
17-Jul-16	96.80	74.60	77.80	0.00	11.90	28.20	748.40	0.28	39.80	40.20	39.40	1416.30
18-Jul-16	96.90	72.30	77.80	0.00	9.60	20.90	742.20	0.28	40.40	40.90	40.10	1415.50
19-Jul-16	94.20	73.50	82.30	0.00	8.50	19.90	680.40	0.26	42.40	45.10	40.90	1413.60
20-Jul-16	97.80	74.70	77.80	0.00	10.40	20.70	752.70	0.28	46.20	47.00	45.10	1409.80
21-Jul-16	99.80	75.60	74.10	0.00	9.00	21.40	754.70	0.29	47.50	48.10	47.00	1408.50
22-Jul-16	101.50	76.30	70.00	0.00	8.50	21.00	746.50	0.28	48.70	49.30	48.10	1407.40
23-Jul-16	99.80	71.90	71.40	0.00	7.00	22.50	556.80	0.20	48.60	49.50	48.10	1407.40
24-Jul-16	97.60	75.10	76.30	0.00	5.60	15.50	521.70	0.19	48.00	48.10	47.80	1408.00
25-Jul-16	83.90	69.20	97.00	0.26	6.50	24.40	348.40	0.13	47.50	48.40	46.30	1408.50
26-Jul-16	88.90	67.90	91.80	0.00	3.70	14.50	628.90	0.23	46.30	46.70	46.20	1409.70
27-Jul-16	91.80	68.50	89.80	0.00	2.70	10.10	618.60	0.23	48.20	49.90	46.70	1407.80
28-Jul-16	92.30	67.00	87.10	0.46	5.00	36.30	676.40	0.26	50.00	50.50	49.80	1406.00
29-Jul-16	87.60	66.80	91.90	0.17	4.00	16.00	632.90	0.24	47.80	49.80	46.20	1408.20
30-Jul-16	87.30	68.00	90.60	0.00	4.30	13.20	628.90	0.24	45.60	46.20	45.30	1410.50
31-Jul-16	93.70	70.70	87.70	0.05	9.20	19.00	690.70	0.26	46.00	47.90	45.40	1410.00

Annual Climate Data Summary
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	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Aug-16	97.80	74.40	79.70	0.00	9.60	19.50	727.90	0.28	49.50	50.40	47.90	1406.60
2-Aug-16	93.10	72.90	82.50	0.00	5.60	18.20	431.00	0.16	51.00	51.80	50.40	1405.00
3-Aug-16	98.00	72.10	78.20	0.00	5.40	17.80	699.00	0.26	52.50	52.90	51.80	1403.50
4-Aug-16	93.10	74.40	78.40	0.00	7.60	23.20	608.40	0.23	52.90	53.10	52.70	1403.10
5-Aug-16	79.70	71.30	99.80	0.30	7.50	36.80	344.40	0.12	49.80	52.90	48.20	1406.20
6-Aug-16	76.20	70.30	99.90	0.02	6.10	20.50	185.70	0.06	47.90	48.20	47.40	1408.00
7-Aug-16	82.20	68.10	99.00	0.68	5.50	17.70	412.40	0.15	46.90	47.40	46.60	1409.00
8-Aug-16	84.50	69.30	99.60	1.62	4.10	15.50	466.10	0.17	45.60	46.70	44.50	1410.30
9-Aug-16	90.90	72.40	92.30	0.00	5.50	16.80	682.60	0.25	44.20	44.50	43.90	1411.90
10-Aug-16	92.10	73.00	92.60	0.00	8.20	20.50	534.10	0.20	43.80	43.90	43.60	1412.20
11-Aug-16	95.40	74.70	89.30	0.15	8.60	19.40	659.90	0.25	43.50	43.60	43.30	1412.60
12-Aug-16	83.70	67.70	96.50	0.76	6.30	16.50	426.70	0.16	43.10	43.40	42.90	1412.90
13-Aug-16	87.50	62.50	86.50	0.00	4.40	14.50	703.10	0.26	42.80	42.90	42.70	1413.00
14-Aug-16	87.20	64.60	88.00	0.00	3.10	12.80	546.50	0.20	42.60	42.70	42.50	1413.40
15-Aug-16	85.40	67.20	84.80	0.00	3.30	12.00	532.00	0.20	42.40	42.50	42.30	1413.70
16-Aug-16	89.00	63.70	85.30	0.00	6.50	17.70	680.40	0.26	42.20	42.60	42.10	1413.90
17-Aug-16	90.20	64.90	84.10	0.00	6.80	19.20	672.30	0.25	43.40	43.90	42.60	1412.50
18-Aug-16	88.30	68.70	90.50	0.00	6.20	16.50	657.80	0.25	44.60	63.60	43.30	1411.40
19-Aug-16	89.60	66.90	94.30	1.60	7.50	21.40	542.20	0.20	44.50	44.80	43.40	1411.50
20-Aug-16	75.00	59.30	91.10	0.00	7.30	22.50	661.80	0.25	42.40	43.40	41.90	1413.60
21-Aug-16	80.90	54.70	82.90	0.00	3.00	12.10	707.40	0.27	41.70	41.90	41.50	1414.20
22-Aug-16	82.70	58.20	82.30	0.00	7.60	19.70	657.80	0.25	41.40	41.50	41.30	1414.70
23-Aug-16	88.20	70.00	91.60	0.00	13.50	29.40	563.00	0.20	41.30	41.30	41.20	1414.70
24-Aug-16	84.70	69.10	94.90	0.15	6.30	16.20	315.50	0.11	41.10	41.20	40.90	1415.00
25-Aug-16	77.50	64.70	98.20	0.19	5.80	21.20	435.10	0.16	40.80	41.00	40.70	1415.00
26-Aug-16	80.80	64.00	95.60	0.99	3.60	15.00	501.20	0.18	40.70	40.80	40.60	1415.20
27-Aug-16	86.70	63.70	92.20	0.00	4.20	14.00	612.40	0.23	40.60	40.70	40.50	1415.40
28-Aug-16	88.20	69.10	92.60	0.00	4.80	20.40	542.20	0.20	40.30	40.50	40.20	1415.70
29-Aug-16	87.60	66.00	91.90	0.00	3.60	14.00	527.90	0.20	40.10	40.20	40.00	1416.00
30-Aug-16	86.70	67.80	95.80	0.13	3.60	23.00	437.20	0.16	39.90	40.00	39.80	1416.00
31-Aug-16	79.90	67.20	100.00	0.66	3.80	15.50	344.40	0.12	39.70	39.80	39.60	1416.30

Annual Climate Data Summary
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	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Sep-16	79.50	62.90	88.50	0.00	5.90	16.30	637.20	0.24	39.50	39.60	39.40	1416.50
2-Sep-16	78.60	57.50	88.50	0.00	4.70	14.70	624.80	0.23	39.30	39.40	39.30	1416.70
3-Sep-16	82.80	59.20	90.00	0.00	7.70	20.40	538.20	0.20	39.30	39.30	39.20	1416.80
4-Sep-16	88.80	66.00	86.90	0.00	11.90	27.10	567.10	0.21	39.20	39.20	39.10	1416.90
5-Sep-16	91.00	72.20	84.90	0.00	14.30	29.10	600.00	0.22	39.40	41.50	39.00	1416.70
6-Sep-16	90.60	74.00	85.90	0.00	12.80	26.70	563.00	0.21	42.90	43.90	41.50	1413.10
7-Sep-16	90.60	75.40	90.30	0.00	11.40	26.60	389.70	0.14	44.60	45.20	43.90	1411.40
8-Sep-16	81.00	69.30	99.80	0.54	8.40	29.20	204.10	0.08	43.80	45.30	41.40	1412.20
9-Sep-16	88.00	64.50	95.90	0.96	9.20	28.10	459.90	0.17	40.60	41.40	39.90	1415.50
10-Sep-16	75.00	53.20	83.50	0.00	6.00	16.80	631.00	0.24	39.70	40.00	39.50	1416.20
11-Sep-16	79.40	53.80	83.70	0.00	7.90	22.70	612.40	0.23	39.40	39.50	39.30	1416.70
12-Sep-16	87.80	65.50	83.40	0.00	12.40	29.90	556.80	0.20	39.20	39.30	39.00	1416.90
13-Sep-16	74.20	57.90	97.60	0.00	6.70	14.70	264.00	0.09	38.70	39.00	38.50	1417.20
14-Sep-16	74.50	56.20	100.00	0.23	4.20	12.80	259.90	0.09	38.50	38.50	38.40	1417.50
15-Sep-16	84.60	62.80	95.40	0.00	7.60	21.40	453.70	0.16	38.40	38.50	38.30	1417.70
16-Sep-16	72.10	60.10	100.00	0.64	6.00	20.90	171.10	0.05	38.20	38.30	38.00	1417.90
17-Sep-16	83.50	57.10	90.60	0.00	2.60	11.00	488.80	0.18	38.00	38.10	37.90	1418.00
18-Sep-16	86.50	60.50	90.40	0.02	5.20	17.80	556.80	0.20	37.90	38.00	37.80	1418.00
19-Sep-16	94.30	65.80	89.80	0.00	3.90	13.50	548.40	0.20	37.70	37.80	37.60	1418.30
20-Sep-16	95.70	66.40	84.20	0.00	5.60	20.50	490.70	0.18	37.60	37.60	37.50	1418.30
21-Sep-16	94.70	72.50	84.90	0.00	9.80	22.50	503.10	0.18	37.60	37.70	37.50	1418.30
22-Sep-16	92.80	67.60	79.90	0.00	9.60	21.90	513.40	0.19	37.80	38.00	37.70	1418.10
23-Sep-16	88.60	63.40	83.10	0.00	9.10	24.70	478.30	0.17	38.00	38.10	37.90	1418.00
24-Sep-16	81.90	66.60	99.00	1.09	9.00	26.20	138.20	0.05	37.80	37.90	37.50	1418.10
25-Sep-16	73.20	53.20	85.80	0.00	7.40	20.90	317.70	0.11	37.40	37.60	37.20	1418.70
26-Sep-16	75.20	44.00	75.90	0.00	3.70	12.60	552.70	0.20	37.20	37.20	37.10	1418.90
27-Sep-16	85.90	52.10	74.30	0.00	4.40	12.60	538.20	0.20	37.20	37.40	37.10	1419.00
28-Sep-16	74.80	52.40	78.50	0.00	7.30	20.70	542.20	0.20	37.10	37.50	36.80	1418.90
29-Sep-16	69.00	44.70	87.70	0.00	4.50	15.00	529.80	0.19	36.70	36.80	36.60	1419.30
30-Sep-16	73.70	44.00	83.10	0.00	2.30	12.00	505.30	0.18	36.60	36.70	36.50	1419.30

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Oct-16	76.90	47.60	82.30	0.00	3.20	14.30	470.20	0.17	36.50	36.60	36.50	1419.40
2-Oct-16	81.70	55.80	83.00	0.00	5.90	17.00	476.40	0.17	36.50	36.50	36.40	1419.60
3-Oct-16	82.10	57.30	78.70	0.00	13.10	32.40	455.60	0.16	36.50	36.60	36.40	1419.30
4-Oct-16	80.20	57.60	88.90	0.32	16.60	46.00	367.10	0.13	36.50	36.70	36.30	1419.50
5-Oct-16	73.10	44.80	97.70	0.00	4.10	14.20	336.00	0.12	36.30	36.30	36.20	1419.80
6-Oct-16	84.40	45.60	95.60	0.00	14.90	39.10	360.90	0.12	36.20	36.40	35.90	1419.70
7-Oct-16	63.90	38.80	80.50	0.00	9.00	21.70	515.50	0.19	35.90	36.00	35.80	1420.00
8-Oct-16	72.60	39.10	77.50	0.00	5.20	18.00	492.80	0.18	35.90	36.00	35.90	1420.00
9-Oct-16	73.90	49.30	79.10	0.00	6.30	20.40	224.80	0.08	35.90	36.00	35.90	1420.00
10-Oct-16	72.20	52.80	80.80	0.31	13.00	32.30	373.30	0.13	36.00	36.00	35.90	1420.00
11-Oct-16	80.30	53.00	83.70	0.00	9.90	27.60	404.10	0.14	36.00	36.00	35.90	1420.00
12-Oct-16	60.00	42.50	88.80	0.00	13.90	29.40	404.10	0.14	35.70	35.90	35.70	1420.20
13-Oct-16	60.80	34.00	85.80	0.00	4.20	13.20	346.50	0.12	36.00	36.60	35.70	1420.00
14-Oct-16	76.60	50.90	93.50	0.00	13.20	27.70	336.00	0.12	35.90	36.00	35.90	1420.00
15-Oct-16	82.40	63.70	91.50	0.00	17.30	36.10	292.80	0.10	36.00	36.00	35.90	1420.00
16-Oct-16	89.80	65.80	84.90	0.00	15.10	30.30	435.10	0.15	36.00	36.10	35.90	1420.00
17-Oct-16	90.10	63.00	70.50	0.00	18.30	35.10	400.00	0.14	36.10	36.20	35.90	1420.00
18-Oct-16	74.30	50.60	60.40	0.00	9.40	23.20	449.60	0.16	35.80	36.00	35.70	1420.10
19-Oct-16	75.30	44.70	85.10	0.00	7.10	21.70	387.60	0.13	35.80	35.90	35.70	1420.10
20-Oct-16	62.00	42.70	87.70	0.00	8.70	21.40	367.10	0.13	35.60	35.70	35.60	1420.30
21-Oct-16	69.10	37.90	77.60	0.00	8.70	25.10	435.10	0.15	35.80	35.90	35.70	1420.20
22-Oct-16	78.60	39.00	73.70	0.00	7.70	20.90	432.90	0.15	35.80	35.90	35.70	1420.10
23-Oct-16	76.50	48.80	76.30	0.00	6.00	19.20	418.60	0.15	35.70	35.80	35.60	1420.30
24-Oct-16	76.50	43.70	86.30	0.00	5.90	18.50	406.20	0.14	35.60	35.70	35.60	1420.30
25-Oct-16	79.80	56.00	90.60	0.00	12.70	31.60	309.30	0.10	35.70	35.80	35.70	1420.20
26-Oct-16	75.30	53.00	90.40	0.55	7.40	24.90	369.20	0.13	35.60	35.70	35.60	1420.30
27-Oct-16	77.30	46.40	88.10	0.00	5.40	15.30	408.40	0.14	35.60	35.70	35.50	1420.30
28-Oct-16	82.70	59.90	86.20	0.00	13.70	28.60	292.80	0.10	35.70	35.80	35.70	1420.20
29-Oct-16	84.30	61.20	77.10	0.00	14.30	33.30	350.60	0.12	35.70	35.80	35.60	1420.20
30-Oct-16	61.80	49.10	97.90	0.00	9.00	23.90	185.70	0.06	35.50	35.60	35.40	1420.30
31-Oct-16	82.60	48.80	83.50	0.00	15.00	32.40	286.60	0.09	35.70	35.80	35.60	1420.20

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Nov-16	80.40	55.30	77.20	0.00	8.30	23.90	346.50	0.12	35.70	35.70	35.60	1420.30
2-Nov-16	72.60	56.10	96.30	0.00	7.60	16.80	173.30	0.05	35.50	35.60	35.40	1420.60
3-Nov-16	73.70	48.70	79.40	0.00	6.40	16.70	375.20	0.13	35.40	35.40	35.30	1420.70
4-Nov-16	72.20	40.00	80.40	0.00	2.20	9.00	354.70	0.12	35.40	35.40	35.30	1420.70
5-Nov-16	71.90	47.20	85.10	0.00	4.60	14.70	313.40	0.10	35.40	35.40	35.30	1420.70
6-Nov-16	68.90	51.70	73.90	0.00	7.50	19.50	284.50	0.09	35.40	35.40	35.40	1420.70
7-Nov-16	59.50	51.20	99.80	0.18	4.20	12.80	92.80	0.03	35.30	35.40	35.20	1420.70
8-Nov-16	61.00	40.50	92.70	0.00	10.50	22.90	332.00	0.11	35.20	35.30	35.10	1420.90
9-Nov-16	63.40	32.10	82.70	0.00	3.00	7.80	369.20	0.12	35.20	35.30	35.10	1420.90
10-Nov-16	71.50	34.20	86.00	0.00	6.70	24.90	358.70	0.12	35.30	35.30	35.20	1420.80
11-Nov-16												
12-Nov-16												
13-Nov-16	65.50	32.30	89.30	0.00	8.70	24.40	311.50	0.10	35.30	35.40	35.20	1420.80
14-Nov-16	69.40	36.50	83.10	0.00	4.90	15.00	305.30	0.10	35.30	35.30	35.20	1420.80
15-Nov-16	78.50	38.70	77.10	0.00	2.60	8.00	332.00	0.11	35.40	35.50	35.30	1420.70
16-Nov-16	81.40	37.40	70.30	0.00	11.40	30.10	329.80	0.11	35.50	35.60	35.40	1420.40
17-Nov-16	72.50	47.70	65.30	0.00	17.70	30.30	226.70	0.07	35.60	35.60	35.50	1420.40
18-Nov-16	48.10	29.40	79.70	0.00	17.60	35.00	197.90	0.06	35.10	35.50	35.00	1420.90
19-Nov-16	47.70	19.40	77.70	0.00	5.40	16.80	338.20	0.11	35.10	35.20	35.00	1421.00
20-Nov-16	58.30	31.30	68.60	0.00	9.20	24.60	329.80	0.11	35.30	35.40	35.20	1420.80
21-Nov-16	61.80	31.00	76.60	0.00	6.40	21.70	195.90	0.06	35.30	35.40	35.20	1420.80
22-Nov-16	68.10	46.50	88.00	0.08	16.20	30.80	261.80	0.08	35.40	35.50	35.20	1420.70
23-Nov-16	51.50	30.90	93.70	0.00	12.00	28.70	264.00	0.08	35.20	35.20	35.10	1420.90
24-Nov-16	58.40	27.70	92.70	0.00	11.10	24.70	239.10	0.08	35.20	35.30	35.00	1420.80
25-Nov-16	57.10	25.90	85.70	0.00	5.70	19.90	315.50	0.10	35.10	35.20	35.00	1421.00
26-Nov-16	61.10	33.20	81.80	0.00	11.20	24.90	315.50	0.10	35.20	35.30	35.10	1420.90
27-Nov-16	59.00	49.00	96.20	0.05	19.00	39.00	26.70	0.01	35.50	35.70	35.30	1420.40
28-Nov-16	61.00	37.80	68.40	0.00	9.50	25.70	296.90	0.10	35.60	35.70	35.50	1420.40
29-Nov-16	51.80	33.40	65.80	0.00	10.20	25.70	303.10	0.10	35.40	35.50	35.30	1420.70
30-Nov-16	49.70	24.90	73.60	0.00	9.50	28.10	307.20	0.10	35.30	35.40	35.20	1420.70

Annual Climate Data Summary
January through December 2016

	Air Temperature		Relative Humidity	Precipitation	Wind Speed		Solar Radiation	ETo	Water Level			Water Elevation
	max °F	min °F	avg %	total inches	avg mph	max mph	Total ly	grass inches	avg ft	max ft	min ft	avg ft
1-Dec-16	53.10	17.70	78.00	0.00	2.30	9.60	266.10	0.08	35.20	35.30	35.20	1420.90
2-Dec-16	52.10	18.20	79.60	0.00	3.80	10.50	235.10	0.07	35.10	35.20	35.00	1421.00
3-Dec-16	41.00	34.30	94.70	0.28	3.70	10.50	37.20	0.01	35.20	35.30	35.10	1420.90
4-Dec-16	51.90	31.80	93.60	0.24	5.00	15.00	268.00	0.09	35.20	35.30	35.20	1420.90
5-Dec-16	53.00	30.50	92.20	0.00	10.40	31.40	296.90	0.10	35.40	35.50	35.20	1420.70
6-Dec-16	39.60	26.30	80.80	0.00	9.40	31.30	290.70	0.09	35.10	35.30	35.00	1421.00
7-Dec-16	32.10	17.80	93.50	0.00	9.30	23.40	138.20	0.04	35.00	35.20	34.90	1421.00
8-Dec-16	26.60	10.20	83.50	0.00	9.20	21.00	307.20	0.10	34.90	34.90	34.80	1421.10
9-Dec-16	28.50	10.20	84.40	0.00	8.00	23.00	92.80	0.03	35.00	35.10	34.90	1421.00
10-Dec-16	44.00	17.20	81.10	0.00	11.50	27.60	235.10	0.07	35.10	35.40	35.00	1421.00
11-Dec-16	46.20	21.30	93.80	0.00	13.40	28.90	150.60	0.04	35.20	35.40	35.00	1420.80
12-Dec-16	35.40	16.70	87.60	0.00	4.60	13.80	132.00	0.04	35.10	35.20	35.00	1421.00
13-Dec-16	27.40	13.70	80.20	0.00	9.40	24.20	264.00	0.08	35.00	35.10	34.90	1421.00
14-Dec-16	31.70	12.20	74.00	0.00	7.00	22.70	247.50	0.08	35.00	35.10	34.90	1421.00
15-Dec-16	30.30	16.80	65.90	0.00	9.30	25.40	169.00	0.05	35.00	35.20	34.90	1421.00
16-Dec-16	40.50	31.40	100.00	0.01	9.70	21.40	22.70	0.00	35.20	35.50	0.00	1412.70
17-Dec-16	31.80	1.80	100.00	0.00	21.40	33.30	49.40	0.02	34.90	35.30	34.70	1421.00
18-Dec-16	13.20	-10.80	90.40	0.00	5.60	16.70	307.20	0.10	34.80	34.80	34.70	1421.20
19-Dec-16	27.90	-2.50	84.90	0.00	9.50	20.40	301.00	0.10	34.90	35.00	34.70	1421.10
20-Dec-16	42.60	13.40	84.10	0.00	5.00	20.40	276.40	0.09	35.00	35.00	34.90	1421.00
21-Dec-16	50.20	24.20	89.70	0.00	6.70	26.90	179.50	0.05	35.00	35.10	34.70	1421.00
22-Dec-16	41.20	22.90	90.30	0.00	3.60	9.50	127.90	0.04	34.80	35.00	34.70	1421.10
23-Dec-16	55.40	30.20	92.60	0.03	9.80	28.10	259.90	0.08	35.10	35.20	35.00	1421.00
24-Dec-16	55.50	19.50	93.00	0.00	6.30	18.30	274.20	0.09	35.00	35.10	34.90	1421.00
25-Dec-16	64.90	43.20	97.30	0.16	17.50	44.50	57.80	0.01	35.20	35.30	35.00	1420.90
26-Dec-16	46.00	26.10	79.40	0.00	6.00	18.90	288.80	0.09	34.90	35.00	34.80	1421.00
27-Dec-16	47.70	19.70	86.60	0.00	5.10	17.80	286.60	0.09	34.90	35.10	34.80	1421.10
28-Dec-16	57.80	25.60	80.80	0.00	6.90	21.40	272.10	0.09	35.00	35.10	34.70	1421.00
29-Dec-16	49.40	27.10	55.00	0.00	11.00	31.60	301.00	0.10	34.70	34.80	34.60	1421.30
30-Dec-16	57.80	25.70	58.60	0.00	13.40	31.90	292.80	0.09	35.10	35.20	34.80	1421.00
31-Dec-16	44.60	22.90	75.60	0.00	8.90	25.40	290.70	0.09	35.00	35.20	34.90	1421.00
summary	70	46.4	82.8	32.55	8.2	53.1	445.7	58.62	39.6	39.8	39.2	1416.4

**APPENDIX G –
2016 WITHDRAWALS FROM NON-DOMESTIC WELLS**

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IND01066	38.0719	-97.8853	0.00
IND01775	38.1043	-98.0406	0.00
IND02245	37.6707	-97.3500	0.07
IND02349	37.8814	-97.4498	63.33
IND02857	37.8618	-97.6637	1.00
IND02910	38.1042	-98.0350	0.09
IND03320	38.0247	-97.9863	1.98
IND03978	38.0404	-97.9175	312.69
IND04114	38.1153	-97.5622	0.00
IND04299	38.0327	-97.9715	1.37
IND04386	38.0414	-97.9521	12.38
IND04626	37.7911	-97.5220	107.11
IND04931	38.0588	-97.8667	0.00
IND05622	38.0491	-97.9006	0.00
IND05827	38.0513	-97.9010	0.00
IND06262	37.7881	-97.5178	156.96
IND06569	37.7863	-97.5331	0.00
IND07224	38.0855	-97.5653	0.00
IND07231	37.6554	-97.3945	0.83
IND07347	38.0597	-97.8607	25.48
IND07905	37.7803	-97.5173	221.48
IND09055	38.0653	-97.8664	0.00
IND10807	38.0393	-97.9190	502.56
IND11244	38.1261	-97.8036	3.36
IND11547	38.0749	-97.3564	0.00
IND11657	38.0855	-97.5654	1.72
IND11774	37.7853	-97.4811	11.70
IND11882	38.2021	-97.5006	0.42
IND13091	37.6551	-97.3950	65.00
IND13157	37.7853	-97.5178	0.00
IND15880	38.0719	-97.8870	216.80
IND16502	38.0597	-97.8663	0.00
IND16846	38.1290	-97.5272	5.61
IND16882	38.0855	-97.5653	0.95
IND17065	38.0510	-97.8974	0.00
IND17235	37.7940	-97.5220	161.48
IND17402	38.0152	-97.9248	0.40
IND17950	37.7248	-97.3325	0.00
IND18272	38.0294	-97.9755	5.71
IND18329	38.0473	-97.9435	0.00
IND19505	38.0416	-97.9537	345.88
IND19527	37.7841	-97.4855	0.52
IND20561	37.9659	-97.8284	34.00
IND21498	38.0720	-97.8916	215.89
IND21719	38.0351	-97.8981	87.50
IND22544	38.0589	-97.8676	0.00
IND24357	38.0793	-97.8826	0.60
IND24531	37.7926	-97.5199	0.00
IND26232	37.7849	-97.4100	150.00
IND27045	37.7853	-97.5220	144.58
IND27124	37.9234	-97.7154	50.00
IND27900	37.6637	-97.3244	0.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR62071	37.9379	-97.6880	89.00
IRR62084	38.1885	-97.7318	27.76
IRR62124	37.9746	-97.9446	161.00
IRR62146	37.8801	-97.7310	87.00
IRR62197	37.8866	-97.4128	247.00
IRR62200	38.1919	-97.6821	74.00
IRR62206	37.7008	-97.4226	0.00
IRR62207	37.7005	-97.4228	1.28
IRR62208	37.7010	-97.4224	1.22
IRR62267	37.9376	-97.5413	55.00
IRR62367	38.1230	-97.7248	58.00
IRR62375	37.8705	-97.4849	15.00
IRR62381	37.8213	-97.5410	101.00
IRR62391	37.9743	-97.7155	24.00
IRR62399	37.9598	-97.7338	11.00
IRR62444	37.9997	-97.9586	61.00
IRR62457	37.9871	-97.7361	0.00
IRR62546	37.9671	-97.7339	17.61
IRR62575	37.9376	-97.7889	44.96
IRR62621	37.6713	-97.4840	174.29
IRR62640	37.8152	-97.4269	22.00
IRR62659	37.9939	-97.7822	127.00
IRR62905	37.9747	-97.9618	0.00
IRR62987	37.9885	-97.8159	82.00
IRR63101	37.9449	-97.8251	58.00
IRR63102	37.9454	-97.8251	0.00
IRR63103	37.9444	-97.8251	0.00
IRR63135	37.7815	-97.5040	29.75
IRR63149	37.8758	-97.5596	82.00
IRR63191	37.9516	-97.7613	100.00
IRR63199	37.9704	-97.7089	71.00
IRR63256	37.9814	-97.4454	35.00
IRR63355	38.0614	-97.5316	2.75
IRR63429	38.0123	-97.4454	0.00
IRR63569	37.9669	-97.6330	54.00
IRR63670	37.9605	-97.6354	15.00
IRR63746	37.9760	-97.9624	0.00
IRR63747	37.9754	-97.9621	77.22
IRR63907	37.8012	-97.5498	49.00
IRR63983	37.9811	-97.9077	65.00
IRR64065	37.9889	-97.7476	22.00
IRR64120	37.9888	-97.7170	0.00
IRR64121	37.9888	-97.7152	0.00
IRR64174	38.0247	-97.7796	99.00
IRR64211	38.0262	-97.7157	55.00
IRR64327	37.9520	-97.7522	28.00
IRR64477	37.9830	-97.8321	0.00
IRR64478	37.9826	-97.8317	0.00
IRR64516	38.0279	-97.5094	29.00
IRR64517	38.0283	-97.5105	0.00
IRR64518	38.0272	-97.5092	0.00
IRR64560	38.0393	-97.6960	24.76

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IND28585	37.7656	-97.5120	33.00
IND29206	38.0311	-97.9744	73.16
IND29519	38.1946	-97.5714	34.10
IND30415	38.0488	-97.8974	0.00
IND31467	38.0413	-97.9554	355.01
IND32003	38.0588	-97.8667	0.00
IND32033	38.0507	-97.8950	0.00
IND32181	38.0416	-97.9533	0.00
IND32696	38.0764	-97.3565	0.00
IND33549	37.7244	-97.3285	0.00
IND33904	38.0343	-97.9716	0.00
IND34662	37.7881	-97.5260	0.00
IND34727	38.0320	-97.9743	125.64
IND34873	37.7725	-97.5168	110.61
IND36274	37.7762	-97.5257	170.55
IND36862	37.7853	-97.5261	85.30
IND37623	38.0419	-97.9528	21.79
IND37700	37.7667	-97.5168	93.76
IND37784	38.1000	-97.6100	11.00
IND38880	37.7910	-97.5178	252.91
IND39338	38.0086	-97.8834	21.95
IND41685	38.0581	-97.8564	0.00
IND41775	38.1293	-97.5257	10.21
IND42851	38.0728	-97.8895	131.13
IND46426	37.7235	-97.3273	0.00
IND46770	38.0751	-97.8877	310.19
IND47386	38.0726	-97.8789	0.00
IND50356	38.1292	-97.5265	0.00
IND51201	37.7553	-97.5107	0.00
IND51285	37.7727	-97.5257	205.06
IND51420	37.7847	-97.4043	0.00
IND51629	38.0588	-97.8667	0.00
IND51763	38.0750	-97.3564	0.00
IND52466	38.0761	-97.8789	0.09
IND53012	38.0444	-97.8951	0.00
IND53269	38.0779	-97.5548	0.00
IND53274	37.7625	-97.5171	4.68
IND54442	38.0515	-97.9907	164.67
IND54834	37.8992	-97.7848	6.94
IND62936	38.0393	-97.8711	112.50
IND63340	37.7452	-97.4031	189.25
IND63661	37.7849	-97.4793	0.00
IND64221	37.7414	-97.4022	0.00
IND66361	37.9376	-97.8675	2.78
IND66484	38.0409	-97.9506	1.09
IND66574	37.7636	-97.4391	48.33
IND66899	38.0243	-97.8891	9.42
IND66924	37.7348	-97.4217	0.11
IND67540	38.0425	-97.9175	920.91
IND67822	38.0732	-97.6026	0.00
IND68718	38.0086	-97.8833	0.00
IND68949	37.6668	-97.3765	57.88

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR64571	38.0779	-97.8921	0.58
IRR64575	37.9812	-97.8159	0.00
IRR64702	37.9812	-97.8070	135.00
IRR64718	37.8562	-97.6261	20.00
IRR64779	38.0105	-97.6313	0.00
IRR64780	38.0105	-97.6331	0.00
IRR64825	37.9848	-97.5003	49.00
IRR64886	38.1630	-97.6884	42.00
IRR64926	37.9452	-97.7430	56.00
IRR64990	37.8888	-97.6833	165.00
IRR65005	37.8851	-97.5639	31.00
IRR65006	38.1165	-97.5156	0.00
IRR65023	37.9887	-97.7567	34.00
IRR65041	37.9343	-97.7386	3.00
IRR65211	37.7936	-97.5407	50.00
IRR65219	37.6991	-97.4210	0.12
IRR65396	37.9879	-97.7159	0.00
IRR65490	38.0316	-97.5420	45.85
IRR65498	37.8053	-97.5766	23.00
IRR65579	37.7229	-97.4767	5.25
IRR65583	37.7257	-97.4776	5.75
IRR65584	37.7240	-97.4726	1.60
IRR65585	37.7278	-97.4741	1.19
IRR65586	37.7314	-97.4746	3.40
IRR65602	38.0662	-97.9831	0.00
IRR65727	37.9953	-97.9557	0.00
IRR65728	37.9953	-97.9538	0.00
IRR65730	37.9953	-97.9547	34.00
IRR65731	37.9915	-97.7110	70.00
IRR65732	37.9923	-97.7110	0.00
IRR65733	37.9907	-97.7110	0.00
IRR65734	37.9477	-97.9642	0.00
IRR65735	37.9477	-97.9651	6.00
IRR65736	37.9477	-97.9632	8.00
IRR65919	38.1376	-97.6049	42.00
IRR65981	37.9004	-97.7059	7.00
IRR65987	37.9884	-97.9078	94.26
IRR65991	37.9532	-97.9587	44.00
IRR65992	37.9540	-97.9588	0.00
IRR65993	37.9535	-97.9587	0.00
IRR65994	37.9530	-97.9587	0.00
IRR65995	37.9525	-97.9587	0.00
IRR66082	37.9920	-97.9077	49.63
IRR66083	37.9936	-97.9077	0.00
IRR66093	37.9160	-97.5598	33.00
IRR66097	37.8539	-97.4728	38.00
IRR66186	37.9477	-97.9642	1.00
IRR66190	37.9718	-97.4979	19.00
IRR66331	37.8723	-97.4676	31.81
IRR66458	38.1736	-97.7245	118.12
IRR66462	37.9550	-97.7657	20.00
IRR66474	38.1477	-98.0550	59.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IND69562	37.7705	-97.4033	120.50
IND71401	38.0643	-97.8805	0.00
IND71656	37.9968	-98.0289	0.00
IND71657	37.9969	-98.0291	4.04
IND71658	37.9966	-98.0286	7.66
IND71660	37.8285	-97.4402	1.83
IND72099	37.9918	-98.0150	1.55
IND72377	37.7667	-97.4454	0.43
IND72420	37.7676	-97.4463	5.06
IND72743	37.6666	-97.3767	0.00
IND73933	38.0339	-97.6676	0.00
IND74291	38.0771	-97.3580	0.21
IND74850	38.0208	-97.9920	4.91
IND74918	38.1426	-98.0773	4.40
IND74919	38.1423	-98.0772	1.31
IND75089	38.0407	-97.9557	130.64
IND76323	37.7350	-97.4024	62.50
IND76505	37.7485	-97.3940	0.00
IND77268	37.7903	-97.3482	0.00
IND77954	37.6682	-97.3897	2.90
IND78016	38.0210	-97.9991	1.30
IND78171	38.1915	-97.5164	0.00
IND78172	38.1914	-97.5154	0.00
IND78173	38.1915	-97.5159	6.49
IND78579	37.6676	-97.3763	7.63
IND78728	38.0218	-97.8978	0.00
IND79203	37.9659	-97.9443	0.03
IND79732	38.0754	-97.3564	3.07
IND79802	38.1418	-98.0761	3.59
IND79803	38.1422	-98.0767	0.00
IND80099	37.9657	-97.9411	0.00
IND80319	38.0397	-97.9176	1609.39
IND81196	37.6643	-97.3849	15.43
IND81197	37.6641	-97.3854	0.00
IND81198	37.6649	-97.3856	0.00
IND81199	37.6641	-97.3847	0.00
IND81200	37.6641	-97.3841	0.00
IND81484	38.0309	-97.9755	178.98
IND81983	37.6674	-97.3763	190.14
IND81984	37.6671	-97.3764	0.00
IND82038	38.0057	-97.5109	0.00
IND82039	37.8854	-97.5260	1.00
IND82180	37.7702	-97.4124	0.00
IND83927	38.0504	-97.8680	0.06
IND83931	38.0718	-97.8941	125.32
IND84508	37.7993	-97.4454	66.58
IND84510	37.7583	-97.5025	0.00
IND84895	37.7642	-97.4132	13.33
IND85371	37.7765	-97.4396	41.67
IND85620	38.0395	-97.9143	0.00
IRR00035	38.1231	-97.6238	42.40
IRR00063	37.8066	-97.5721	6.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR66562	38.0105	-97.6007	37.00
IRR66665	37.9451	-97.7525	39.00
IRR66679	38.1742	-97.6011	0.00
IRR66690	38.1523	-98.0436	75.00
IRR66691	37.9303	-97.4687	54.00
IRR66724	37.7248	-97.4751	7.74
IRR66868	38.0522	-97.5776	18.40
IRR66988	37.8287	-97.6559	59.75
IRR66992	38.0614	-97.5225	62.00
IRR66996	38.0350	-97.7486	0.00
IRR67064	38.1170	-97.6041	61.78
IRR67084	38.1331	-97.6229	67.00
IRR67151	38.0050	-97.6372	43.00
IRR67152	37.8502	-97.6512	66.00
IRR67192	38.0794	-97.5458	59.00
IRR67210	38.1805	-97.6608	88.62
IRR67216	37.9479	-97.9542	19.00
IRR67217	37.9479	-97.9564	22.00
IRR67221	38.0176	-97.6516	0.00
IRR67262	38.1717	-98.0452	9.07
IRR67308	38.0201	-97.6561	17.19
IRR67383	37.6767	-97.4667	3.74
IRR67384	37.6788	-97.4706	0.31
IRR67395	38.1431	-97.5961	88.78
IRR67507	37.8832	-97.5734	68.00
IRR67518	37.9018	-97.6608	21.00
IRR67705	38.1288	-97.7121	54.10
IRR67713	37.9377	-97.4634	63.00
IRR67732	38.0029	-98.0351	76.22
IRR67739	37.8650	-97.4219	59.00
IRR67790	37.8707	-97.6522	29.00
IRR67824	37.9885	-97.7160	23.24
IRR67829	38.0688	-97.5351	86.00
IRR67851	38.0505	-97.5965	59.58
IRR67885	38.0274	-97.8392	40.00
IRR67915	38.0905	-97.5689	73.00
IRR67926	37.9885	-97.8251	92.00
IRR67989	38.1545	-97.5854	0.00
IRR68017	37.9743	-97.6155	69.00
IRR68031	38.1189	-97.5594	57.00
IRR68049	37.9015	-97.6330	56.00
IRR68076	37.9871	-97.7370	0.00
IRR68247	38.0067	-97.8455	0.00
IRR68248	38.0066	-97.8445	0.00
IRR68250	38.0066	-97.8383	0.00
IRR68252	38.0067	-97.8364	0.00
IRR68302	38.1335	-97.5787	48.62
IRR68324	38.0643	-97.7663	60.57
IRR68332	38.0044	-97.5549	68.87
IRR68442	38.1197	-97.5596	0.00
IRR68443	38.1181	-97.5592	0.00
IRR68654	38.0414	-97.6332	14.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR00073	38.0175	-97.4951	88.16
IRR00102	38.1190	-97.6960	94.00
IRR00172	37.8134	-97.6274	2.00
IRR00181	37.9384	-97.7432	0.00
IRR00188	37.8440	-97.6557	36.00
IRR00219	37.8437	-97.4418	78.00
IRR00250	37.7730	-97.4849	52.00
IRR00255	38.0358	-97.4452	0.00
IRR00292	37.9379	-97.6925	46.92
IRR00301	37.7901	-97.5777	105.00
IRR00470	37.9195	-97.4406	26.00
IRR00574	37.8576	-97.4355	66.00
IRR00614	38.0046	-97.9103	36.45
IRR00630	37.7683	-97.5581	88.00
IRR00661	37.9014	-97.7625	29.00
IRR00684	37.9885	-97.4864	39.42
IRR00694	37.9319	-97.5799	43.00
IRR01330	38.0824	-97.9931	16.66
IRR01462	37.9556	-97.9236	0.00
IRR01503	37.7817	-97.4956	30.00
IRR01566	37.9919	-97.9488	300.23
IRR01579	38.1176	-97.9807	40.00
IRR01706	37.8613	-97.6557	17.00
IRR01710	37.8012	-97.5580	43.00
IRR01804	37.9771	-98.0089	25.00
IRR01809	37.9341	-97.6149	26.00
IRR01835	37.9569	-97.7607	0.00
IRR01958	37.9486	-97.4816	37.83
IRR01978	37.9452	-97.7245	39.00
IRR02031	37.9085	-97.6466	87.00
IRR02072	37.9156	-97.6330	0.00
IRR02147	37.7648	-97.5487	95.00
IRR02185	38.0323	-97.5730	58.61
IRR02442	37.9888	-97.6064	36.43
IRR02448	37.9633	-97.6354	20.00
IRR02791	37.7282	-97.4325	160.26
IRR02796	37.9797	-97.5783	46.00
IRR02823	37.9161	-97.5194	45.00
IRR02884	37.8031	-97.5685	54.00
IRR02985	37.7882	-97.5385	0.00
IRR03021	37.8872	-97.7424	14.00
IRR03044	37.9305	-97.5963	20.00
IRR03078	38.1268	-97.5830	0.00
IRR03115	37.9455	-97.6241	53.00
IRR03122	37.8144	-97.3991	78.00
IRR03306	37.9377	-97.5872	42.00
IRR03370	37.9965	-97.7307	0.00
IRR03556	37.8361	-97.6146	91.00
IRR03575	37.7539	-97.5216	0.00
IRR03717	37.9046	-97.6424	55.00
IRR03768	37.8137	-97.6020	141.00
IRR03771	37.9997	-97.4862	52.20

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR68702	37.9576	-97.5482	42.00
IRR68722	38.1336	-97.5778	0.00
IRR68723	38.1334	-97.5797	1.97
IRR68729	37.9779	-97.7614	21.00
IRR68750	38.0360	-97.4851	26.00
IRR68759	38.0281	-97.8392	0.00
IRR68760	38.0267	-97.8392	0.00
IRR68761	38.0066	-97.8383	59.00
IRR68762	38.0066	-97.8445	35.00
IRR68764	37.8553	-97.5001	24.30
IRR68828	38.0648	-97.7668	0.00
IRR68829	38.0641	-97.7661	0.00
IRR68830	38.0643	-97.7670	0.00
IRR68831	38.0639	-97.7652	0.00
IRR68841	37.9378	-97.6240	57.00
IRR68875	37.9415	-97.7471	78.00
IRR68903	37.9574	-97.5182	101.00
IRR68926	37.9004	-97.5916	48.00
IRR69057	38.1196	-97.5701	76.00
IRR69215	37.9479	-97.9502	0.00
IRR69397	38.0389	-97.6835	69.00
IRR69457	38.1584	-97.5764	0.00
IRR69491	37.9599	-97.7522	25.00
IRR69506	38.0461	-97.5146	0.00
IRR69507	38.0454	-97.5144	0.00
IRR69508	38.0454	-97.5136	0.00
IRR69517	38.1021	-97.6277	51.00
IRR69543	38.0270	-97.4910	0.00
IRR69544	38.0270	-97.4908	73.44
IRR69561	38.1341	-97.6424	54.00
IRR69626	37.8439	-97.5690	32.00
IRR69627	37.8344	-97.5756	30.00
IRR69735	38.1480	-98.0184	69.00
IRR69736	38.0679	-97.9920	86.00
IRR69737	38.1479	-98.0275	69.00
IRR69749	37.7432	-97.5399	99.00
IRR69759	37.9079	-97.7241	12.00
IRR69771	37.8460	-97.3700	0.62
IRR69778	37.7379	-97.5412	5.51
IRR69780	37.7383	-97.5401	0.00
IRR69781	37.7388	-97.5405	0.00
IRR69782	37.7389	-97.5418	2.03
IRR69805	37.9930	-97.8984	0.00
IRR69806	37.9930	-97.8975	0.00
IRR69807	37.9930	-97.8995	0.00
IRR69811	37.9809	-97.8889	72.00
IRR69812	37.9809	-97.8893	0.00
IRR69813	37.9809	-97.8884	0.00
IRR69821	37.9597	-97.6423	77.00
IRR69855	38.0746	-97.9991	80.00
IRR69924	37.8832	-97.5232	51.79
IRR69934	37.9378	-97.6147	10.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR03876	37.9866	-97.8411	0.00
IRR03909	37.8121	-97.5498	54.00
IRR03955	37.9949	-97.7298	0.00
IRR04114	38.1153	-97.5622	0.00
IRR04214	38.1992	-97.6891	77.00
IRR04241	38.1777	-97.6700	69.25
IRR04262	38.0470	-97.6563	26.00
IRR04411	38.1267	-97.6507	0.00
IRR04418	37.9194	-97.7981	0.00
IRR04491	37.8959	-97.5499	5.00
IRR04492	37.9866	-97.8412	35.00
IRR04505	38.1447	-97.6564	72.17
IRR04592	37.8723	-97.3855	0.00
IRR04601	38.0588	-97.6593	0.00
IRR04609	38.1376	-97.6816	27.74
IRR04687	37.8217	-97.4357	16.00
IRR04814	37.9343	-97.6657	0.00
IRR04862	37.7749	-97.5809	9.00
IRR04863	37.8615	-97.6466	19.00
IRR04877	37.6611	-97.3146	3.26
IRR05093	37.9743	-97.8074	0.00
IRR05105	37.9866	-97.8412	0.00
IRR05115	37.9750	-97.6607	55.00
IRR05200	38.0031	-97.5780	40.00
IRR05247	38.2019	-97.5353	0.00
IRR05315	37.9578	-97.9573	0.26
IRR05506	37.9123	-97.7287	0.00
IRR05662	37.9072	-97.5980	0.00
IRR05678	37.9681	-97.8686	55.00
IRR05739	38.0051	-97.4258	0.00
IRR05741	37.8943	-97.4249	0.28
IRR05768	37.8729	-97.5045	75.00
IRR05816	38.0319	-97.5320	69.00
IRR05913	37.7620	-97.5570	53.00
IRR05942	37.9598	-97.6701	68.00
IRR06088	37.9817	-97.6971	49.02
IRR06116	38.1575	-97.6709	22.16
IRR06151	37.7924	-97.3853	51.00
IRR06178	38.0103	-97.7246	54.27
IRR06245	38.1389	-97.6698	84.33
IRR06280	37.8655	-97.5183	110.00
IRR06281	37.9958	-97.7315	0.00
IRR06359	37.9813	-97.8249	0.00
IRR06377	37.9814	-97.4680	41.00
IRR06486	38.1566	-97.6072	13.00
IRR06546	37.9959	-97.5688	39.00
IRR06655	37.8353	-97.3915	30.00
IRR06682	37.8441	-97.3684	5.37
IRR06853	38.1204	-97.6700	4.00
IRR06885	37.9868	-97.5118	0.00
IRR07050	38.1812	-97.6898	87.75
IRR07069	37.9555	-97.9247	0.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR69991	37.9937	-97.9079	0.00
IRR70007	37.9871	-97.7365	8.03
IRR70164	38.0366	-97.4846	61.00
IRR70165	38.0373	-97.4841	0.00
IRR70185	38.0608	-97.5406	49.00
IRR70202	37.7384	-97.5415	0.00
IRR70247	37.8905	-97.3991	28.00
IRR70250	37.9487	-97.6513	16.00
IRR70264	38.0104	-97.4496	20.00
IRR70276	37.8723	-97.5414	21.00
IRR70326	38.0687	-97.9919	0.00
IRR70327	38.0680	-97.9930	0.00
IRR70328	38.0671	-97.9922	0.00
IRR70329	38.0679	-97.9910	0.00
IRR70368	37.7461	-97.4225	1.47
IRR70411	38.0762	-97.9992	0.00
IRR70412	38.0753	-97.9982	0.00
IRR70413	38.0745	-97.9991	0.00
IRR70414	38.0753	-98.0002	0.00
IRR70460	38.0396	-97.6835	0.00
IRR70461	38.0382	-97.6836	0.00
IRR70468	37.9390	-97.7954	16.00
IRR70482	38.1742	-97.6016	29.61
IRR70483	38.1742	-97.6021	0.00
IRR70539	37.9378	-97.4681	46.00
IRR70553	37.9450	-97.4681	84.00
IRR70554	38.1318	-97.5694	0.00
IRR70559	38.1342	-97.6566	86.14
IRR70565	37.9306	-97.4637	71.00
IRR70766	37.9559	-97.6491	11.00
IRR70832	38.0211	-97.8118	53.00
IRR70837	37.9599	-97.7571	2.00
IRR70954	38.0099	-97.9173	46.00
IRR70961	37.9957	-97.8070	76.00
IRR71084	37.9529	-97.8804	0.00
IRR71085	37.9531	-97.8811	30.00
IRR71127	38.1162	-97.5165	89.08
IRR71128	38.1160	-97.5175	0.00
IRR71243	38.0028	-97.8069	6.00
IRR71422	38.0099	-97.9162	0.00
IRR71423	38.0099	-97.9183	0.00
IRR71520	37.8941	-97.4039	110.00
IRR71582	37.7470	-97.4367	3.97
IRR71597	37.9915	-97.7110	0.00
IRR71614	38.0174	-97.8573	31.00
IRR71671	37.6650	-97.4780	2.48
IRR71730	37.9614	-97.5415	71.00
IRR71756	37.9451	-97.7153	19.92
IRR71771	37.9231	-97.4498	0.00
IRR71803	37.7895	-97.3768	0.00
IRR72028	38.0177	-97.8573	0.00
IRR72029	38.0181	-97.8573	0.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR07101	38.0229	-97.4634	18.00
IRR07195	37.7308	-97.4670	0.00
IRR07201	37.9810	-97.8984	95.27
IRR07319	38.0251	-97.6089	49.00
IRR07330	37.8649	-97.4964	61.00
IRR07339	37.9811	-97.7987	108.00
IRR07373	37.9377	-97.6009	13.15
IRR07597	38.1795	-97.5981	23.48
IRR07612	37.8829	-97.4053	3.00
IRR07701	37.9270	-97.5229	0.00
IRR07737	38.0360	-97.6515	14.14
IRR07948	37.8434	-97.6238	67.00
IRR07951	38.0039	-97.4243	0.00
IRR08097	38.0461	-97.9098	0.00
IRR08157	37.9532	-97.8817	0.00
IRR08200	37.9703	-97.6649	66.00
IRR08216	38.0248	-97.5138	5.00
IRR08267	37.9556	-97.9241	0.00
IRR08377	37.9743	-97.8072	0.00
IRR08378	38.1363	-97.4124	0.00
IRR08390	37.8088	-97.4130	32.00
IRR08478	38.0186	-97.6053	54.00
IRR08540	37.8651	-97.4912	16.00
IRR08592	37.8704	-97.6444	43.00
IRR08694	37.8796	-97.5415	0.00
IRR08797	37.7650	-97.5237	0.00
IRR08829	37.8314	-97.3958	0.00
IRR08842	37.7971	-97.5944	59.00
IRR08882	37.9232	-97.6146	8.00
IRR08973	37.8503	-97.4588	48.00
IRR09146	37.9341	-97.5139	40.00
IRR09262	38.0129	-97.5003	14.00
IRR09308	37.8369	-97.5031	41.00
IRR09388	37.7145	-97.3228	0.00
IRR09466	37.9888	-97.6514	76.00
IRR09504	38.1961	-97.6707	59.17
IRR09560	37.9969	-97.7953	6.00
IRR09702	37.8358	-97.4219	38.00
IRR09711	37.9750	-97.9124	87.00
IRR09831	37.9672	-97.7429	37.00
IRR09958	38.0372	-97.5417	20.38
IRR10281	38.2086	-97.6883	0.00
IRR10288	37.8831	-97.5796	0.00
IRR10357	37.6796	-97.4547	26.00
IRR10364	37.9444	-97.9587	0.00
IRR10545	37.9598	-97.6607	67.00
IRR10567	38.1846	-97.4219	0.00
IRR10597	38.1694	-97.6689	26.61
IRR10603	38.1180	-98.0466	52.00
IRR10611	37.7789	-97.4885	38.00
IRR10735	37.9772	-97.8210	7.00
IRR10912	37.8445	-97.6720	26.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR72030	38.0171	-97.8573	0.00
IRR72031	38.0168	-97.8573	0.00
IRR72090	37.7579	-97.4518	0.00
IRR72138	38.1176	-97.5981	87.86
IRR72139	38.1179	-97.5990	0.00
IRR72140	38.1172	-97.5974	0.00
IRR72181	37.7548	-97.4584	3.92
IRR72203	37.7441	-97.4620	2.42
IRR72205	37.7412	-97.4491	0.00
IRR72206	38.0075	-97.5279	21.00
IRR72210	37.7524	-97.4669	7.29
IRR72211	38.1237	-97.4860	16.33
IRR72257	38.1092	-97.6093	40.00
IRR72361	38.1268	-97.9994	23.00
IRR72471	37.9381	-97.4278	23.00
IRR72614	38.0474	-97.9104	0.00
IRR72636	37.7525	-97.4371	6.27
IRR72650	37.7579	-97.4442	6.39
IRR72664	38.1091	-97.6101	0.00
IRR72665	38.1092	-97.6086	0.00
IRR72722	37.9530	-97.9061	44.72
IRR72723	37.9535	-97.9065	0.00
IRR72724	37.9535	-97.9077	0.00
IRR72725	37.9524	-97.9078	0.00
IRR72726	37.9524	-97.9065	0.00
IRR72789	38.0419	-97.4751	0.00
IRR72973	37.8158	-97.5498	24.00
IRR73148	37.6919	-97.4370	20.54
IRR73153	37.9597	-97.9101	0.00
IRR73154	37.9588	-97.9083	0.00
IRR73201	38.0289	-97.8309	104.00
IRR73204	38.0289	-97.8300	0.00
IRR73205	38.0289	-97.8317	0.00
IRR73207	37.8219	-97.6033	44.79
IRR73226	37.8796	-97.6880	111.00
IRR73249	38.0861	-97.8772	3.60
IRR73257	37.9231	-97.7613	51.00
IRR73301	38.0856	-97.8779	1.10
IRR73414	37.9171	-97.6744	115.00
IRR73434	37.9233	-97.7047	24.00
IRR73448	37.9762	-97.9729	68.00
IRR73449	37.9768	-97.9732	0.00
IRR73450	37.9753	-97.9725	0.00
IRR73475	37.9305	-97.5690	58.00
IRR73542	38.1166	-97.9520	39.94
IRR73557	38.2084	-97.7017	53.42
IRR73640	37.9459	-97.9260	0.00
IRR73705	37.7581	-97.4521	0.00
IRR73706	37.7581	-97.4516	0.00
IRR73707	37.7578	-97.4520	0.68
IRR73708	37.7578	-97.4516	9.99
IRR73745	37.8928	-97.7192	14.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR10938	38.1905	-97.6032	36.17
IRR10951	37.9430	-97.7957	28.00
IRR10953	37.9580	-97.7246	37.37
IRR11088	37.8942	-97.6146	28.00
IRR11176	37.8942	-97.4956	16.00
IRR11219	37.7824	-97.3319	0.00
IRR11264	37.9955	-97.7556	1.00
IRR11267	37.9004	-97.6282	37.00
IRR11319	37.7542	-97.5359	5.22
IRR11454	37.8108	-97.5453	32.00
IRR11603	37.8509	-97.5048	93.00
IRR11633	38.1058	-98.0025	16.00
IRR11696	37.7261	-97.3708	0.00
IRR11712	37.9013	-97.4256	0.00
IRR11773	37.8358	-97.4632	56.00
IRR11807	37.7748	-97.4784	19.00
IRR11860	37.8001	-97.4103	0.00
IRR11991	38.1143	-98.0131	35.00
IRR12087	37.8450	-97.4751	10.00
IRR12172	38.1850	-97.6150	96.00
IRR12176	38.1738	-97.6885	64.00
IRR12292	37.8795	-97.4683	35.00
IRR12363	37.9743	-97.7339	86.00
IRR12381	37.9787	-97.9260	72.77
IRR12512	37.9076	-97.6100	69.00
IRR12545	38.1355	-97.4125	0.00
IRR12575	37.8649	-97.3855	61.38
IRR12654	37.9379	-97.7154	43.00
IRR12658	37.8467	-97.5002	0.00
IRR13000	37.9748	-97.9261	65.00
IRR13025	37.8798	-97.5507	127.00
IRR13118	37.8761	-97.7242	94.00
IRR13164	37.6961	-97.3478	0.00
IRR13429	37.8852	-97.7285	90.00
IRR13437	37.8461	-97.5814	0.00
IRR13516	37.8579	-97.5097	31.00
IRR13591	38.1267	-97.6151	39.90
IRR13637	38.0041	-98.0041	152.00
IRR13652	37.9013	-97.5779	77.00
IRR13881	37.8673	-97.6972	0.00
IRR13942	37.7881	-97.5723	59.00
IRR14103	38.0177	-97.7698	31.00
IRR14216	37.9679	-97.9081	109.00
IRR14278	37.9956	-97.7302	0.00
IRR14535	37.9950	-97.7287	0.00
IRR14669	37.8653	-97.7073	0.00
IRR14728	38.1624	-98.0734	61.26
IRR14819	37.9950	-97.7279	0.00
IRR15074	37.8724	-97.5233	71.00
IRR15108	37.9379	-97.7062	113.00
IRR15190	37.9737	-97.8619	0.00
IRR15193	37.8359	-97.4772	73.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR73779	38.1536	-97.6701	22.71
IRR73811	38.1455	-97.9951	42.00
IRR73833	38.1332	-98.0095	70.00
IRR73845	38.0968	-97.9908	3.68
IRR73899	37.8144	-97.3897	0.00
IRR73911	37.8176	-97.3875	0.00
IRR73918	37.9760	-97.9728	0.00
IRR73950	38.1478	-97.9998	37.00
IRR73951	37.8207	-97.5316	66.00
IRR74152	38.0388	-97.4777	11.74
IRR74301	37.9014	-97.4543	65.00
IRR74323	37.9560	-97.5417	36.00
IRR74465	37.8023	-97.4854	14.00
IRR74590	37.7961	-97.6355	8.66
IRR74591	37.7975	-97.6354	9.19
IRR74617	37.9084	-97.7694	39.00
IRR74689	37.9450	-97.4314	66.00
IRR74764	37.9085	-97.7613	36.00
IRR74828	37.8778	-97.5641	12.00
IRR74933	38.1398	-98.0106	39.00
IRR74967	38.1412	-97.7062	42.00
IRR74971	38.0710	-97.9152	3.23
IRR75007	38.0964	-97.4472	8.90
IRR75008	38.0971	-97.4479	0.00
IRR75009	38.0967	-97.4467	0.00
IRR75010	38.0959	-97.4466	0.00
IRR75011	38.0961	-97.4479	0.00
IRR75012	37.8975	-97.5536	2.86
IRR75053	37.7239	-97.5018	4.00
IRR75113	37.9159	-97.7612	0.00
IRR75138	37.9084	-97.7701	0.00
IRR75139	37.9008	-97.7701	0.00
IRR75146	38.0905	-97.5414	0.00
IRR75147	38.0922	-97.5413	0.00
IRR75148	38.0913	-97.5413	120.00
IRR75411	38.0363	-97.4451	0.00
IRR75412	38.0362	-97.4448	54.99
IRR75454	38.0325	-97.6239	75.89
IRR75461	37.8195	-97.3992	27.00
IRR75650	38.1141	-97.6288	29.03
IRR75656	37.8870	-97.6881	60.00
IRR75743	38.1991	-97.7234	39.00
IRR75784	37.9909	-97.4266	44.00
IRR75799	38.1565	-97.5278	110.00
IRR75894	38.0692	-97.9138	9.23
IRR75904	38.0677	-97.9132	2.82
IRR75905	38.0576	-97.9036	0.00
IRR75906	38.0576	-97.9036	0.00
IRR75945	38.0308	-97.4361	80.00
IRR75946	38.0311	-97.4361	0.00
IRR75947	38.0296	-97.4361	0.00
IRR76087	38.0181	-97.6509	46.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR15240	37.8320	-97.6637	0.00
IRR15627	38.0975	-98.0009	32.00
IRR15725	38.0468	-97.6239	60.00
IRR15789	37.8049	-97.5480	49.00
IRR15795	37.8906	-97.7104	31.00
IRR15847	37.9888	-97.6335	73.00
IRR15857	37.9816	-97.7338	32.00
IRR15905	37.9882	-97.8916	88.00
IRR16029	37.9305	-97.4497	29.00
IRR16052	37.6613	-97.4455	0.00
IRR16100	38.1997	-97.6380	36.87
IRR16109	38.0103	-97.5130	9.00
IRR16119	37.9669	-97.6701	17.08
IRR16129	37.8656	-97.4583	21.00
IRR16263	37.9377	-97.6056	26.00
IRR16360	37.9671	-97.6790	98.00
IRR16368	38.0758	-97.5684	69.00
IRR16384	38.1717	-98.0400	0.00
IRR16622	37.9342	-97.6665	0.00
IRR16773	38.1221	-98.0542	92.00
IRR16845	37.8128	-97.4059	36.00
IRR16862	38.0467	-97.4770	71.00
IRR16868	37.9743	-97.8073	0.00
IRR16886	37.6831	-97.3813	0.00
IRR16996	37.9518	-97.9009	0.00
IRR17021	37.9232	-97.5234	68.00
IRR17042	37.9087	-97.5049	62.00
IRR17055	37.8513	-97.4163	20.00
IRR17089	37.9161	-97.6880	60.00
IRR17368	37.8236	-97.5270	8.00
IRR17447	38.0282	-97.5092	0.00
IRR17450	38.0176	-97.5680	85.00
IRR17452	37.8815	-97.5643	16.00
IRR17482	37.8427	-97.3745	4.38
IRR17717	37.8768	-97.3900	30.78
IRR17832	37.9741	-97.5642	2.32
IRR17846	37.9667	-97.5114	67.00
IRR18053	38.1665	-97.6070	39.00
IRR18075	37.9586	-97.6846	0.00
IRR18197	37.9287	-97.6881	8.00
IRR18228	37.9377	-97.4978	2.00
IRR18650	38.0184	-97.5030	10.00
IRR18741	37.9269	-97.6926	15.35
IRR18817	37.7960	-97.3944	30.00
IRR18844	37.8155	-97.5545	35.00
IRR18987	38.0971	-98.0276	89.00
IRR19034	37.9888	-97.6698	69.00
IRR19291	37.9232	-97.5963	54.00
IRR19334	38.0105	-97.5962	74.00
IRR19404	37.9813	-97.8250	108.00
IRR19434	37.9895	-97.8436	18.00
IRR19625	37.7901	-97.5494	63.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR76088	38.0187	-97.6502	0.00
IRR76194	37.9930	-97.8985	60.00
IRR76201	38.1268	-97.5634	100.00
IRR76203	37.9342	-97.4315	31.00
IRR76206	37.9231	-97.5183	46.00
IRR76209	37.8579	-97.5323	42.00
IRR76287	38.1558	-97.5278	0.00
IRR76288	38.1572	-97.5278	0.00
IRR76291	37.8215	-97.5220	10.00
IRR76304	38.1848	-97.7265	58.72
IRR76335	38.0304	-97.4361	0.00
IRR76341	37.9990	-98.0086	2.00
IRR76510	37.9563	-97.5273	67.00
IRR76586	38.0421	-97.4758	47.00
IRR76587	38.0424	-97.4765	0.00
IRR76593	38.1044	-97.6161	85.00
IRR76715	37.9852	-97.5506	0.00
IRR76718	37.8830	-97.4111	52.00
IRR76766	37.9971	-97.4266	8.00
IRR76829	38.1244	-97.4860	0.00
IRR76830	38.1231	-97.4860	0.00
IRR76931	38.1631	-97.6516	96.01
IRR76933	38.1412	-97.9897	65.00
IRR77010	37.7520	-97.4547	3.86
IRR77087	37.7267	-97.5132	1.33
IRR77088	37.7240	-97.5098	8.13
IRR77148	37.7636	-97.4133	8.37
IRR77149	37.7651	-97.4151	5.23
IRR77156	38.0456	-97.5142	70.00
IRR77158	37.8833	-97.7406	0.00
IRR77159	37.8832	-97.7406	0.00
IRR77160	37.8833	-97.7387	0.00
IRR77163	38.1520	-97.7293	96.00
IRR77164	38.1557	-97.7293	69.00
IRR77166	38.1268	-97.5645	0.00
IRR77167	38.1268	-97.5634	0.00
IRR77168	38.1268	-97.5624	0.00
IRR77208	37.8097	-97.6285	23.00
IRR77227	37.9742	-97.7658	41.00
IRR77269	37.9664	-97.7623	96.00
IRR77300	37.7787	-97.3988	4.00
IRR77314	37.9479	-97.9204	71.89
IRR77315	37.9485	-97.9211	0.00
IRR77316	37.9485	-97.9196	0.00
IRR77317	37.9473	-97.9212	0.00
IRR77318	37.9473	-97.9196	0.00
IRR77517	37.9878	-97.5571	63.00
IRR77653	37.9814	-97.6698	86.00
IRR77663	37.8724	-97.6148	0.00
IRR77664	37.8717	-97.6158	0.00
IRR77665	37.8724	-97.6158	17.00
IRR77693	37.8651	-97.7154	0.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR19650	37.7764	-97.5029	4.00
IRR19724	37.7478	-97.4853	0.00
IRR19741	37.8248	-97.3989	56.00
IRR19832	38.1682	-97.7017	32.68
IRR20027	38.0725	-97.5364	64.40
IRR20245	38.1070	-97.9544	27.55
IRR20379	37.7775	-97.4397	0.00
IRR20380	37.9433	-97.5688	12.00
IRR20415	37.6840	-97.4553	29.00
IRR20420	37.9436	-97.9588	82.00
IRR20513	37.9051	-97.5872	53.00
IRR20520	37.9149	-97.6467	29.00
IRR20532	38.1087	-97.5690	41.52
IRR20574	37.9777	-97.9199	61.57
IRR20811	38.1920	-97.6883	115.00
IRR20933	37.9814	-97.5138	111.00
IRR20952	38.1669	-97.6069	0.00
IRR21061	37.7498	-97.4776	2.00
IRR21172	38.0047	-97.9124	41.03
IRR21175	37.9526	-97.5783	58.00
IRR21243	38.0059	-97.5539	7.37
IRR21254	37.9924	-97.6054	68.58
IRR21271	38.0905	-97.5599	72.02
IRR21308	38.0396	-97.5962	88.00
IRR21314	37.9288	-97.6151	23.00
IRR21363	37.7951	-97.6055	78.00
IRR21483	37.8600	-97.7057	16.00
IRR21578	37.9231	-97.4956	20.00
IRR21606	37.9214	-97.7733	49.00
IRR21626	37.8291	-97.5322	0.00
IRR21750	37.8431	-97.6601	76.00
IRR21969	37.8006	-97.6005	31.00
IRR22078	37.9771	-97.8988	112.76
IRR22079	37.8511	-97.6926	28.00
IRR22107	37.9625	-97.9185	0.00
IRR22303	37.9743	-97.7061	4.00
IRR22309	37.8491	-97.4226	72.00
IRR22316	37.9266	-97.4497	44.54
IRR22321	37.7675	-97.4591	6.08
IRR22345	38.0396	-97.5320	72.14
IRR22390	37.8761	-97.5277	2.00
IRR22462	37.9540	-97.4437	34.00
IRR22467	37.9632	-97.4981	26.00
IRR22622	37.9305	-97.6327	15.00
IRR23008	38.0359	-97.6079	84.98
IRR23111	37.8870	-97.6972	21.00
IRR23119	37.7737	-97.5763	24.00
IRR23143	38.1476	-97.5989	38.00
IRR23190	37.9451	-97.6331	80.00
IRR23220	38.1439	-97.6070	48.00
IRR23242	37.9576	-97.6331	23.00
IRR23406	38.0247	-97.7704	70.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR77694	37.8651	-97.7144	0.00
IRR77695	37.8651	-97.7134	0.00
IRR77696	37.8651	-97.7144	86.00
IRR77697	38.0176	-97.8796	0.00
IRR77698	38.0176	-97.8810	0.00
IRR77699	38.0175	-97.8803	72.02
IRR77700	38.0142	-97.8655	0.00
IRR77701	38.0141	-97.8651	0.00
IRR77702	38.0141	-97.8644	0.00
IRR77703	38.0142	-97.8641	0.00
IRR77704	38.0141	-97.8647	69.36
IRR77729	38.0176	-97.8442	0.00
IRR77730	38.0175	-97.8429	0.00
IRR77731	38.0169	-97.8443	0.00
IRR77732	38.0169	-97.8429	0.00
IRR77733	38.0174	-97.8436	106.80
IRR77738	38.1813	-97.5547	20.74
IRR77765	37.9486	-97.4281	93.93
IRR77766	37.9486	-97.4270	0.00
IRR77767	37.9486	-97.4277	0.00
IRR77768	37.9486	-97.4281	0.00
IRR77769	37.9486	-97.4291	0.00
IRR77802	37.9415	-97.5018	115.00
IRR77823	37.9995	-97.8434	124.19
IRR77825	38.1558	-97.6193	0.00
IRR77845	37.9994	-97.9077	5.00
IRR77846	37.9994	-97.9073	5.00
IRR77847	37.9994	-97.9075	0.00
IRR77875	37.8435	-97.3771	5.78
IRR77882	37.9815	-97.7113	12.56
IRR77912	37.7809	-97.5315	13.55
IRR77927	38.0434	-97.6290	64.83
IRR77944	38.0283	-97.7291	102.42
IRR77947	38.1123	-97.6752	112.75
IRR77988	37.7966	-97.6349	8.12
IRR77989	37.7968	-97.6353	0.00
IRR77995	37.9751	-97.5191	95.19
IRR78012	37.8898	-97.7332	39.65
IRR78052	37.8829	-97.7214	0.46
IRR78092	37.9865	-97.9472	55.00
IRR78155	37.9794	-97.9525	154.00
IRR78171	38.1915	-97.5164	0.00
IRR78172	38.1914	-97.5154	0.00
IRR78173	38.1915	-97.5159	0.00
IRR78200	37.9781	-97.7819	57.73
IRR78219	37.9850	-97.7783	116.34
IRR78294	37.9449	-97.8027	0.00
IRR78354	37.8325	-97.5276	63.00
IRR78396	37.8815	-97.7167	0.00
IRR78398	37.9846	-97.7705	114.36
IRR78400	37.9458	-97.9270	0.00
IRR78527	37.9524	-97.6790	15.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR23444	37.9815	-97.7891	80.00
IRR23565	37.9165	-97.7682	64.42
IRR23631	38.1017	-97.9889	19.02
IRR23672	38.1567	-97.6597	16.30
IRR23727	38.1630	-97.6242	43.50
IRR23734	38.2016	-97.5358	0.00
IRR23756	37.9320	-97.6974	33.00
IRR23764	37.8977	-97.6247	68.00
IRR23914	37.8531	-97.3888	0.00
IRR23947	37.9233	-97.6283	29.00
IRR24216	38.0319	-97.6097	92.09
IRR24221	38.0057	-97.4244	0.00
IRR24222	37.8797	-97.6971	96.00
IRR24365	38.0542	-97.6147	0.00
IRR24394	37.8876	-97.6099	82.00
IRR24479	37.9812	-97.8250	0.00
IRR24510	38.1343	-97.6805	107.17
IRR24630	37.9479	-97.9521	9.00
IRR24642	38.1485	-97.6970	35.00
IRR24682	38.0778	-97.8905	0.08
IRR24749	38.2094	-97.6948	112.86
IRR24873	38.1928	-97.6622	102.08
IRR24984	37.8871	-97.7063	53.00
IRR25068	38.0324	-97.5605	80.00
IRR25097	38.0543	-97.5309	54.13
IRR25103	37.8338	-97.4448	0.00
IRR25174	37.9107	-97.6790	0.00
IRR25245	37.9741	-97.4680	47.00
IRR25247	37.9954	-98.0180	51.00
IRR25337	38.0751	-97.9933	42.00
IRR25433	37.8504	-97.6604	34.00
IRR25450	37.8759	-97.4450	24.01
IRR25482	38.0126	-97.6071	48.00
IRR25534	37.8961	-97.7790	119.00
IRR25813	37.9014	-97.4681	84.00
IRR25886	37.9995	-97.9487	56.60
IRR25906	37.8942	-97.6972	29.00
IRR25907	37.8404	-97.3911	0.00
IRR25980	37.8504	-97.4957	87.00
IRR26014	37.9451	-97.6972	96.00
IRR26060	37.6615	-97.3547	0.00
IRR26258	38.0358	-97.6463	28.00
IRR26316	38.1243	-97.6972	0.00
IRR26418	37.9404	-97.5053	11.00
IRR26441	37.9628	-97.9189	0.00
IRR26506	37.8815	-97.6833	31.00
IRR26589	38.0710	-97.5458	65.00
IRR26673	37.8287	-97.6375	52.00
IRR26696	37.8503	-97.4679	32.54
IRR26703	38.0470	-97.6516	30.75
IRR26727	38.1737	-97.7197	115.35
IRR26739	38.1377	-97.6505	69.61

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR78530	37.8558	-97.6122	0.00
IRR78591	37.8868	-97.3946	57.00
IRR78806	38.0997	-97.5287	30.93
IRR78807	38.1776	-97.7311	96.84
IRR78852	37.9668	-97.4497	18.00
IRR78905	37.9876	-97.4300	19.00
IRR78907	37.9688	-97.8409	83.70
IRR78909	37.9738	-97.4359	64.00
IRR78911	37.9704	-97.4306	38.00
IRR78943	37.9918	-97.8880	60.00
IRR78944	37.9918	-97.8890	0.00
IRR78945	37.9918	-97.8880	0.00
IRR78946	37.9918	-97.8870	0.00
IRR79033	38.2067	-97.6247	37.00
IRR79046	38.0175	-97.8711	60.67
IRR79047	38.0181	-97.8718	0.00
IRR79048	38.0181	-97.8705	0.00
IRR79049	38.0176	-97.8703	0.00
IRR79050	38.0176	-97.8720	0.00
IRR79051	38.0793	-97.5410	55.00
IRR79096	37.9675	-97.7062	38.00
IRR79097	38.1846	-97.7313	103.00
IRR79113	38.2002	-97.6257	20.00
IRR79135	37.8549	-97.3696	0.00
IRR79136	37.8549	-97.3704	5.36
IRR79137	37.8550	-97.3688	3.15
IRR79228	37.8869	-97.5506	56.20
IRR79277	37.9706	-97.4432	10.00
IRR79309	37.9850	-97.7705	0.00
IRR79310	37.9842	-97.7706	0.00
IRR79311	37.8213	-97.5777	77.00
IRR79331	37.8358	-97.4404	61.13
IRR79365	38.1292	-97.9929	84.00
IRR79390	37.7390	-97.4696	1.88
IRR79470	38.0046	-98.0443	35.00
IRR79498	38.0029	-97.8573	72.73
IRR79499	38.0029	-97.8573	0.00
IRR79500	38.0039	-97.8572	0.00
IRR79501	38.0023	-97.8572	0.00
IRR79523	37.7031	-97.4364	0.43
IRR79524	37.7059	-97.4374	0.00
IRR79525	37.8227	-97.5590	29.73
IRR79611	37.9155	-97.4417	6.00
IRR79658	37.8869	-97.4775	93.00
IRR79675	38.1256	-97.7984	16.88
IRR79676	38.1258	-97.7980	0.00
IRR79677	38.1254	-97.7989	0.00
IRR79678	38.1254	-97.7970	0.00
IRR79697	38.1777	-97.5646	42.47
IRR79734	37.9171	-97.4301	7.00
IRR79742	37.8682	-97.7204	84.00
IRR79889	37.8068	-97.4857	17.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR26784	38.0538	-97.6654	0.00
IRR26970	37.7905	-97.3673	5.00
IRR26976	37.8068	-97.6232	71.00
IRR27052	37.8114	-97.6398	44.00
IRR27105	37.8458	-97.3934	0.00
IRR27125	37.6642	-97.3153	0.00
IRR27204	37.8292	-97.5322	0.00
IRR27235	37.9949	-97.7318	0.00
IRR27422	37.8040	-97.6306	50.00
IRR27452	38.1783	-97.7165	83.46
IRR27458	37.9092	-97.6054	0.00
IRR27465	37.9948	-97.9836	48.23
IRR27839	37.8942	-97.5871	88.00
IRR27873	37.9520	-97.9000	0.00
IRR27875	37.8796	-97.4428	24.20
IRR27913	37.9664	-97.8800	105.00
IRR27961	37.9451	-97.6147	15.00
IRR27994	37.8925	-97.5596	18.00
IRR28077	37.9379	-97.6972	30.00
IRR28082	37.8577	-97.6646	79.56
IRR28092	38.1410	-98.0639	92.00
IRR28142	38.0213	-97.6145	29.00
IRR28204	37.9524	-97.5505	79.00
IRR28298	37.9627	-97.9187	151.00
IRR28301	37.8536	-97.5139	32.12
IRR28355	37.8976	-97.6215	7.00
IRR28423	37.8468	-97.5002	0.00
IRR28715	37.8141	-97.5453	30.00
IRR28790	37.8504	-97.6466	36.00
IRR28808	37.8943	-97.5320	0.00
IRR28968	38.1827	-97.6659	38.88
IRR28978	37.9085	-97.6466	22.00
IRR29025	37.9306	-97.5321	68.00
IRR29196	38.1414	-97.6587	70.00
IRR29294	38.1557	-98.0548	84.00
IRR29326	38.0431	-97.5871	123.58
IRR29372	37.9868	-97.4763	26.00
IRR29390	37.8872	-97.4034	71.55
IRR29422	37.8379	-97.6082	34.00
IRR29446	37.9015	-97.4413	41.00
IRR29519	38.1946	-97.5714	21.39
IRR29708	38.1269	-97.5822	0.00
IRR29709	37.9803	-97.4899	6.00
IRR29976	37.8870	-97.5047	90.00
IRR29985	38.1615	-97.6011	13.00
IRR30027	37.8289	-97.6150	61.57
IRR30050	37.8285	-97.4541	32.00
IRR30051	37.7265	-97.4668	12.75
IRR30103	37.7973	-97.5684	42.00
IRR30121	37.8941	-97.4496	41.00
IRR30210	37.8417	-97.4541	8.00
IRR30293	37.9593	-97.8802	52.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR79945	37.9519	-97.8999	66.32
IRR79946	37.9523	-97.8991	0.00
IRR79966	37.9126	-97.6514	28.00
IRR79988	37.7374	-97.4731	36.65
IRR79989	37.7419	-97.4731	17.84
IRR79990	37.7420	-97.4793	11.65
IRR79992	38.1109	-97.5968	20.71
IRR79993	38.1104	-97.5967	0.00
IRR80027	37.8943	-97.5325	68.00
IRR80147	38.1558	-97.6201	0.00
IRR80148	38.1558	-97.6201	62.00
IRR80169	37.8431	-97.4957	79.00
IRR80179	38.1307	-97.5694	0.00
IRR80191	38.1425	-97.7258	36.46
IRR80232	37.8213	-97.4586	29.00
IRR80260	37.8870	-97.6385	11.00
IRR80282	37.9959	-97.7061	0.00
IRR80303	37.8925	-97.5483	0.00
IRR80324	37.9737	-97.8711	64.00
IRR80330	37.9168	-97.7611	0.00
IRR80331	37.9164	-97.7612	27.00
IRR80332	37.8472	-97.5048	80.49
IRR80436	38.1338	-98.0545	75.70
IRR80446	38.0358	-97.7485	0.00
IRR80447	38.0350	-97.7486	71.00
IRR80480	37.9948	-97.7302	0.00
IRR80503	37.9663	-97.5226	26.00
IRR80608	37.8825	-97.7396	0.00
IRR80609	37.8831	-97.7396	73.00
IRR80663	38.0113	-97.6322	0.00
IRR80664	38.0097	-97.6322	0.00
IRR80665	38.0105	-97.6322	0.00
IRR80725	37.9874	-97.4302	0.00
IRR80726	37.9873	-97.4312	0.00
IRR80727	37.9879	-97.4312	0.00
IRR80728	37.8687	-97.7198	0.00
IRR80729	37.8687	-97.7210	0.00
IRR80730	37.8678	-97.7198	0.00
IRR80731	37.8678	-97.7210	0.00
IRR80789	38.0898	-98.0142	0.00
IRR80792	37.9340	-97.7338	13.00
IRR80820	38.0892	-98.0057	0.00
IRR80881	38.1887	-97.7224	65.00
IRR80884	38.1975	-97.5356	47.11
IRR80885	38.1973	-97.5349	0.00
IRR80886	38.1973	-97.5363	0.00
IRR80989	38.1005	-97.4914	0.00
IRR80991	37.9957	-97.9168	0.00
IRR80998	37.9668	-97.5791	49.00
IRR81037	37.9230	-97.5505	16.00
IRR81043	38.0032	-97.7383	24.84
IRR81064	37.9743	-97.6700	22.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR30377	37.8075	-97.3992	64.00
IRR30413	38.1778	-97.6149	84.59
IRR30473	37.7551	-97.4850	13.00
IRR30529	37.7901	-97.5844	103.00
IRR30585	37.8869	-97.4681	17.33
IRR30701	37.9668	-97.4251	14.00
IRR30760	38.2008	-97.6748	65.66
IRR30770	37.9814	-97.4589	50.00
IRR30920	37.6741	-97.3741	0.00
IRR30958	37.8615	-97.4499	19.44
IRR31011	38.0780	-97.8874	0.00
IRR31059	37.8581	-97.5049	54.00
IRR31236	37.9438	-97.9588	0.00
IRR31269	37.8761	-97.7020	45.08
IRR31420	37.9885	-97.9341	0.00
IRR31466	37.8289	-97.5322	0.00
IRR31468	38.0129	-97.7899	0.00
IRR31582	37.8534	-97.5964	0.00
IRR31714	37.8395	-97.4907	93.00
IRR31721	38.1726	-97.7133	93.85
IRR31789	38.1403	-97.6252	26.00
IRR31794	38.1661	-98.0274	1.00
IRR31991	37.9651	-97.5052	0.00
IRR32020	38.1484	-97.6506	80.25
IRR32143	37.9054	-97.4469	57.00
IRR32429	37.9888	-97.7981	104.00
IRR32500	37.7909	-97.5143	90.00
IRR32554	37.8615	-97.5121	69.20
IRR32595	37.9353	-97.7430	0.00
IRR32708	38.1979	-97.5356	0.00
IRR32839	38.1853	-97.4242	0.00
IRR32923	37.9743	-97.8073	145.00
IRR32981	38.0323	-97.6146	45.42
IRR33003	37.6758	-97.3625	0.29
IRR33009	37.9199	-97.7999	0.00
IRR33031	37.9072	-97.4727	34.84
IRR33071	38.0778	-97.8922	0.00
IRR33172	38.0199	-97.5225	73.29
IRR33316	37.9796	-97.5226	21.19
IRR33322	37.8291	-97.5329	0.00
IRR33362	37.9353	-97.5498	19.00
IRR33424	37.8213	-97.6171	5.30
IRR33547	37.8394	-97.5750	32.94
IRR33582	38.1738	-97.6836	129.17
IRR33826	37.8514	-97.6869	36.91
IRR33864	38.1483	-97.7248	76.38
IRR33870	37.8937	-97.5672	80.33
IRR33924	37.8505	-97.6307	83.00
IRR33937	37.8054	-97.5887	20.96
IRR34076	38.1900	-97.6654	45.51
IRR34243	38.1973	-97.5356	0.00
IRR34318	38.2068	-97.5693	33.92

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR81100	38.0248	-97.4299	0.00
IRR81107	38.0094	-97.5554	80.00
IRR81118	37.9890	-97.7614	51.00
IRR81128	38.0470	-97.4684	0.00
IRR81134	37.8762	-97.6329	0.00
IRR81205	38.0668	-97.5199	7.00
IRR81235	38.1697	-97.6604	58.08
IRR81260	38.0393	-97.8251	22.00
IRR81261	38.0393	-97.8242	0.00
IRR81262	38.0393	-97.8246	0.00
IRR81263	38.0393	-97.8256	0.00
IRR81264	38.0393	-97.8263	0.00
IRR81585	38.1191	-97.9876	75.00
IRR81709	38.1958	-97.5511	52.00
IRR81732	37.8504	-97.5416	0.00
IRR81746	38.1272	-97.5827	0.00
IRR81747	38.1278	-97.5830	105.15
IRR81763	37.8580	-97.5467	0.00
IRR81765	37.8580	-97.5183	30.00
IRR81766	37.6618	-97.4287	0.00
IRR81767	37.6547	-97.4261	46.78
IRR81768	37.6561	-97.4319	39.15
IRR81769	37.6616	-97.4239	0.00
IRR81797	37.8871	-97.5420	56.00
IRR81800	38.1341	-97.7060	131.19
IRR81834	37.9268	-97.7558	3.00
IRR81839	37.9212	-97.7524	2.00
IRR81904	37.9744	-97.6971	42.00
IRR81958	37.9129	-97.4450	15.00
IRR81987	38.1560	-97.5428	51.41
IRR82011	38.0392	-97.6101	0.00
IRR82035	37.8428	-97.3642	51.35
IRR82037	38.1131	-97.9898	7.00
IRR82043	37.8410	-97.6831	0.00
IRR82044	37.8402	-97.6831	48.00
IRR82045	37.8418	-97.6831	0.00
IRR82051	37.9121	-97.7794	9.00
IRR82137	38.1557	-97.6886	85.25
IRR82213	37.8286	-97.4485	25.00
IRR82266	37.9925	-97.6515	65.68
IRR82338	37.9341	-97.7798	91.00
IRR82365	38.1011	-97.4907	0.00
IRR82366	38.1011	-97.4921	0.00
IRR82367	38.1000	-97.4907	0.00
IRR82368	38.1000	-97.4921	0.00
IRR82448	37.9555	-97.9142	82.44
IRR82449	37.9554	-97.9133	0.00
IRR82474	38.0447	-97.8224	85.00
IRR82516	38.0264	-97.4292	4.00
IRR82517	38.0263	-97.4293	0.00
IRR82541	37.9628	-97.8320	63.00
IRR82547	37.8849	-97.4458	0.82

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR34406	38.1093	-97.6970	78.53
IRR34458	38.1485	-97.6581	50.25
IRR34636	38.0393	-97.4683	11.00
IRR34699	37.8726	-97.5325	65.00
IRR34781	38.1099	-97.5967	25.76
IRR34818	38.1357	-97.4139	0.00
IRR34851	38.1431	-97.6686	70.05
IRR34891	38.0177	-97.5504	2.89
IRR34978	38.0251	-97.5687	100.00
IRR35018	37.9814	-97.5689	49.00
IRR35209	37.9305	-97.5599	37.00
IRR35245	37.9100	-97.6283	25.00
IRR35415	38.1577	-97.6976	33.00
IRR35450	38.0764	-97.8889	0.00
IRR35453	37.7998	-97.4036	30.00
IRR35496	38.1554	-98.0363	89.95
IRR35629	37.8831	-97.5596	64.00
IRR35656	38.0239	-97.7499	1.00
IRR35804	38.0397	-97.6148	39.20
IRR35911	37.9595	-97.5688	69.00
IRR36182	37.7482	-97.4530	25.82
IRR36199	38.1155	-97.7215	42.75
IRR36295	37.8870	-97.5780	39.00
IRR36401	37.9523	-97.6971	71.00
IRR36550	37.9305	-97.6507	0.00
IRR36585	37.9698	-97.8940	106.28
IRR36601	37.8661	-97.4404	12.00
IRR36713	37.7983	-97.5043	44.63
IRR36767	38.1553	-97.5957	87.39
IRR36888	37.9378	-97.7246	53.00
IRR36903	37.9428	-97.9588	0.00
IRR36977	37.8196	-97.5858	177.77
IRR37123	37.9654	-97.8236	10.00
IRR37142	37.9264	-97.4290	0.78
IRR37191	37.9948	-97.7312	63.83
IRR37248	37.8740	-97.6465	40.00
IRR37255	38.1540	-97.6106	35.06
IRR37265	38.1628	-98.0640	100.00
IRR37292	38.1557	-97.6506	62.63
IRR37414	38.0399	-97.6516	66.35
IRR37418	37.8523	-97.4268	23.00
IRR37446	38.1076	-97.9457	54.30
IRR37464	37.8568	-97.4220	21.00
IRR37470	37.7684	-97.5812	39.00
IRR37522	38.1306	-97.7292	112.15
IRR37816	37.8467	-97.4293	43.00
IRR37872	38.1867	-97.6647	98.94
IRR37936	37.9311	-97.4595	38.00
IRR37972	37.7776	-97.4126	19.00
IRR38048	37.9433	-97.9588	0.00
IRR38125	37.9233	-97.6805	66.00
IRR38133	37.9932	-97.5333	0.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR82618	37.8589	-97.5238	32.00
IRR82619	37.8654	-97.5232	39.00
IRR82740	38.0376	-97.3994	0.00
IRR82741	38.0381	-97.3994	0.00
IRR82742	38.0387	-97.3994	0.00
IRR82743	38.0392	-97.3994	0.00
IRR82744	38.0384	-97.3994	0.00
IRR82767	38.1560	-97.5418	0.00
IRR82768	38.1560	-97.5438	0.00
IRR82769	38.1568	-97.5428	0.00
IRR82770	38.1552	-97.5428	0.00
IRR82772	37.8774	-97.7068	0.17
IRR82793	38.0911	-97.5178	0.00
IRR82794	38.0919	-97.5178	0.00
IRR82795	38.0903	-97.5178	0.00
IRR82847	37.7111	-97.3449	0.00
IRR82863	37.6718	-97.3479	0.00
IRR82916	37.9924	-97.6422	15.00
IRR82979	37.9670	-97.6879	0.00
IRR83076	37.7915	-97.4420	0.00
IRR83080	37.7872	-97.4946	16.00
IRR83172	37.9953	-97.9631	132.01
IRR83195	37.9377	-97.4771	42.00
IRR83207	37.9455	-97.9265	70.00
IRR83209	37.9451	-97.9270	0.00
IRR83210	37.9451	-97.9261	0.00
IRR83323	37.8652	-97.7056	108.91
IRR83324	37.8653	-97.7073	0.00
IRR83339	38.0501	-97.6675	0.00
IRR83480	37.8542	-97.4220	52.00
IRR83577	37.9961	-97.7056	71.00
IRR83578	37.9961	-97.7056	0.00
IRR83615	38.1789	-97.4764	0.00
IRR83616	38.1789	-97.4763	0.00
IRR83617	38.1789	-97.4766	0.00
IRR83618	38.1793	-97.4763	0.00
IRR83619	38.1784	-97.4763	0.00
IRR83726	37.9524	-97.6331	15.00
IRR83832	37.9960	-97.7430	16.00
IRR83978	37.9463	-97.7980	0.00
IRR84151	38.0911	-97.5178	0.00
IRR84207	37.9593	-97.9092	67.00
IRR84208	37.9593	-97.9091	0.00
IRR84209	38.1311	-97.5691	127.67
IRR84210	38.1307	-97.5684	0.00
IRR84224	38.0452	-97.8230	0.00
IRR84225	38.0452	-97.8217	0.00
IRR84226	38.0441	-97.8231	0.00
IRR84227	38.0441	-97.8217	0.00
IRR84293	38.1700	-98.0549	92.00
IRR84294	38.1700	-98.0640	78.00
IRR84312	38.0464	-97.4681	3.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR38143	38.1195	-97.7249	51.58
IRR38193	37.9663	-97.8894	115.00
IRR38254	37.9014	-97.5963	74.00
IRR38264	37.6552	-97.4484	0.00
IRR38299	37.8217	-97.4495	18.00
IRR38324	37.9451	-97.6055	58.00
IRR38358	38.0488	-97.5621	77.00
IRR38551	38.1848	-97.4865	0.00
IRR38666	37.8870	-97.5827	51.08
IRR38723	37.8286	-97.4588	99.00
IRR38828	37.9014	-97.4864	52.00
IRR38915	37.9455	-97.7063	0.00
IRR38942	37.7998	-97.3944	63.00
IRR38996	37.9843	-97.4264	38.00
IRR39052	37.9808	-97.9447	56.00
IRR39241	38.1075	-97.7134	17.86
IRR39246	38.0265	-97.4906	0.00
IRR39457	38.0068	-97.5871	111.00
IRR39575	38.0970	-98.0191	91.00
IRR39599	37.8255	-97.5981	91.12
IRR39776	37.8359	-97.4678	75.00
IRR39794	38.1716	-98.0501	0.00
IRR39812	37.8872	-97.4871	54.00
IRR39860	38.0396	-97.5689	92.00
IRR39896	37.7209	-97.4384	0.39
IRR40043	37.9065	-97.6788	3.00
IRR40163	37.9743	-97.8074	0.00
IRR40361	37.9886	-97.5482	56.00
IRR40402	38.1406	-98.0317	22.00
IRR40403	37.9487	-97.6467	15.00
IRR40440	38.1192	-97.6522	40.42
IRR40482	37.9452	-97.5322	67.00
IRR40565	37.9051	-97.6054	0.00
IRR40618	37.9713	-97.7495	83.00
IRR40705	38.1464	-97.6156	8.42
IRR40714	37.6551	-97.4446	159.73
IRR40770	38.1404	-98.0277	88.00
IRR40773	37.9541	-97.6556	0.00
IRR41091	37.9312	-97.8005	85.21
IRR41144	37.8799	-97.4911	23.00
IRR41220	38.1889	-97.5675	42.25
IRR41287	37.7554	-97.4761	32.00
IRR41332	38.0250	-97.6237	22.00
IRR41339	38.0871	-97.9171	5.50
IRR41347	37.7701	-97.4762	7.85
IRR41453	37.8321	-97.4634	63.00
IRR41459	37.6779	-97.3487	1.48
IRR41488	37.8943	-97.5779	90.00
IRR41682	37.9441	-97.5234	81.00
IRR41692	38.1125	-97.7132	19.67
IRR41717	37.8239	-97.6552	73.00
IRR41719	37.9584	-97.8265	115.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR84313	38.0464	-97.4681	0.00
IRR84314	38.0458	-97.4691	0.00
IRR84394	37.9813	-97.8159	142.00
IRR84395	37.9814	-97.8159	0.00
IRR84415	37.9113	-97.7889	31.00
IRR84416	37.9121	-97.7889	0.00
IRR84417	37.9117	-97.7889	0.00
IRR84418	37.9109	-97.7889	0.00
IRR84419	37.9105	-97.7889	0.00
IRR84432	38.0178	-97.5779	50.43
IRR84510	37.7583	-97.5025	0.00
IRR84511	37.8795	-97.5826	54.00
IRR84567	38.0541	-97.5217	44.00
IRR84734	37.7541	-97.4208	6.75
IRR84832	37.9806	-97.6146	10.00
IRR84989	38.1552	-97.5854	101.67
IRR84990	38.1553	-97.5853	0.00
IRR85166	38.0615	-97.6125	0.00
IRR85190	37.9087	-97.6147	69.00
IRR85244	38.0937	-97.5757	54.99
IRR85264	38.1247	-97.5280	48.00
IRR85270	37.8981	-97.4079	39.00
IRR85271	37.8987	-97.4082	0.00
IRR85272	37.8979	-97.4082	0.00
IRR85273	37.8979	-97.4072	0.00
IRR85416	37.9598	-97.6795	50.00
IRR85430	38.2018	-97.5356	1.43
IRR85431	38.2018	-97.5357	0.00
IRR85506	37.9114	-97.6836	0.00
MUN00124	38.0095	-97.4598	72.53
MUN00714	37.9772	-97.5545	383.25
MUN00883	38.0116	-97.4569	80.88
MUN01436	38.1774	-97.7014	74.34
MUN01737	38.0493	-97.9183	0.01
MUN02080	38.0565	-97.9274	0.00
MUN02807	37.8693	-97.4632	386.59
MUN02841	37.7633	-97.3511	0.00
MUN03519	37.9932	-97.5742	364.43
MUN03783	38.0567	-97.8955	0.00
MUN04292	37.6951	-97.3634	1.46
MUN04508	37.7686	-97.3388	74.62
MUN05329	38.0229	-97.5519	7.76
MUN05705	37.8649	-97.4762	0.00
MUN05782	38.0952	-98.0063	0.00
MUN05980	37.8752	-97.4632	433.06
MUN06103	37.9421	-97.6103	172.45
MUN06240	37.7606	-97.3544	1.00
MUN07064	38.0179	-97.6701	0.00
MUN07394	37.9128	-97.4901	303.22
MUN07907	37.9043	-97.4829	162.00
MUN07908	38.0076	-97.4570	88.37
MUN07967	38.0680	-98.0139	0.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR41848	38.1559	-97.5853	0.00
IRR41851	38.1554	-98.0640	74.00
IRR41888	37.8705	-97.4423	37.89
IRR41977	38.1793	-97.5588	11.11
IRR42028	38.1882	-97.7143	144.83
IRR42189	37.9961	-97.7308	0.00
IRR42191	37.9376	-97.5322	94.00
IRR42273	37.9957	-97.7309	68.18
IRR42274	37.9108	-97.4725	18.00
IRR42278	37.9866	-97.8411	0.00
IRR42290	37.8734	-97.3900	43.76
IRR42385	38.1335	-98.0455	114.84
IRR42388	37.9523	-97.7062	38.00
IRR42425	38.1556	-97.7247	50.00
IRR42471	37.8701	-97.6931	40.00
IRR42605	37.8615	-97.6971	62.00
IRR42614	37.9288	-97.6832	29.00
IRR42655	38.0251	-97.6147	109.00
IRR42731	37.9587	-97.6873	0.00
IRR42785	37.9227	-97.6310	69.00
IRR43116	37.9450	-97.5505	65.00
IRR43264	37.9834	-97.7429	26.00
IRR43293	37.7923	-97.4977	0.00
IRR43331	37.9521	-97.8251	89.00
IRR43365	37.9667	-97.4265	14.00
IRR43499	37.7923	-97.3920	12.00
IRR43516	37.9814	-97.5596	160.00
IRR43537	37.9086	-97.4680	121.00
IRR43598	37.7689	-97.5225	0.00
IRR43617	37.9889	-97.5782	68.00
IRR43645	37.9015	-97.6514	50.00
IRR43674	37.7992	-97.5860	37.00
IRR43869	38.1995	-97.6153	7.82
IRR44020	37.9884	-97.8984	35.38
IRR44190	38.0103	-97.4952	21.34
IRR44198	38.1482	-98.0364	90.00
IRR44507	37.9090	-97.7332	34.00
IRR44552	37.9942	-97.7313	0.00
IRR44575	38.1120	-97.7061	37.43
IRR44743	37.8727	-97.6240	0.00
IRR44898	37.8432	-97.4679	41.00
IRR45017	38.0164	-97.7546	11.00
IRR45039	37.9989	-97.4486	22.67
IRR45095	37.8869	-97.4496	82.00
IRR45173	38.1633	-97.5712	44.90
IRR45174	37.9015	-97.6146	102.00
IRR45193	38.0018	-97.9214	85.56
IRR45263	37.9959	-97.6239	81.00
IRR45359	37.9523	-97.6606	30.00
IRR45533	38.0469	-97.6055	93.98
IRR45568	37.8075	-97.3831	31.36
IRR45806	37.7976	-97.5331	0.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
MUN08098	38.1175	-97.9763	757.86
MUN08990	37.9843	-97.9565	280.46
MUN09044	37.6579	-97.4723	157.33
MUN09263	37.7944	-97.6247	38.46
MUN10095	37.8975	-97.4919	491.20
MUN10257	37.8029	-97.3414	292.29
MUN10264	38.0706	-97.9369	401.81
MUN10410	37.9026	-97.7745	11.54
MUN10818	38.0584	-97.9367	0.00
MUN10872	37.7149	-97.4857	28.06
MUN11509	38.2031	-97.5698	87.13
MUN11608	37.9950	-97.4641	112.01
MUN11886	38.2031	-97.5717	104.72
MUN12049	37.8705	-97.6697	140.79
MUN12667	37.9802	-97.4311	164.12
MUN12860	38.0949	-98.0061	0.00
MUN13201	38.0186	-97.9810	0.00
MUN13414	38.0728	-97.9229	0.50
MUN13668	37.9634	-97.4290	114.49
MUN14271	38.1044	-97.9729	290.07
MUN15015	37.7649	-97.3545	0.00
MUN15115	37.6956	-97.3590	0.00
MUN15270	38.0856	-97.9124	3.68
MUN15415	38.1447	-97.5243	197.93
MUN15728	38.1743	-97.5421	138.37
MUN15798	37.8987	-97.4813	162.00
MUN16116	37.8578	-97.4693	0.00
MUN16215	37.8393	-97.3817	33.02
MUN16288	38.0482	-97.7581	0.14
MUN16393	38.0857	-97.9611	101.03
MUN16702	37.9065	-97.5731	181.30
MUN17266	38.0062	-97.5728	276.16
MUN17396	37.8976	-97.5172	377.64
MUN18134	37.9176	-97.4328	0.08
MUN18499	37.6959	-97.3651	6.81
MUN20536	37.8970	-97.4740	541.54
MUN22171	37.9120	-97.5098	320.07
MUN22308	37.7765	-97.4713	0.00
MUN22731	37.9845	-97.6104	651.88
MUN22885	38.0680	-98.0138	0.00
MUN23128	37.9053	-97.7831	54.75
MUN23333	38.0037	-97.4629	74.31
MUN23464	37.6614	-97.4795	184.77
MUN24088	37.7698	-97.3389	31.97
MUN24693	37.6955	-97.3670	0.94
MUN24715	37.7648	-97.3582	0.00
MUN24804	38.2023	-97.5683	0.00
MUN25317	38.1299	-97.9763	318.21
MUN25340	38.0089	-97.4628	105.39
MUN25367	38.0799	-97.9345	482.61
MUN25524	37.6957	-97.3581	0.00
MUN25542	37.9808	-97.9584	300.34

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR45875	37.8286	-97.4219	13.00
IRR45954	38.1159	-97.5691	8.72
IRR45987	37.8288	-97.6055	63.55
IRR46005	38.1423	-97.4104	0.00
IRR46114	38.1247	-97.7199	15.84
IRR46139	37.7480	-97.4671	7.00
IRR46145	38.0965	-97.5713	91.00
IRR46281	37.8795	-97.5688	42.00
IRR46331	37.8914	-97.5536	0.00
IRR46349	38.1520	-97.6835	128.48
IRR46545	37.6988	-97.3671	17.28
IRR46554	37.8468	-97.5001	0.00
IRR46637	38.0064	-97.4260	0.15
IRR46724	37.8651	-97.6786	68.00
IRR46733	37.9086	-97.7562	64.00
IRR46897	38.1087	-97.9544	82.00
IRR47119	37.9583	-97.8689	68.00
IRR47234	37.9959	-97.6698	86.00
IRR47457	37.8718	-97.4559	0.00
IRR47499	37.9945	-97.8026	71.00
IRR47546	37.8071	-97.5583	34.99
IRR47554	37.9228	-97.6880	74.00
IRR47603	37.7055	-97.3532	0.00
IRR47620	37.8432	-97.4587	50.00
IRR47696	37.9888	-97.7889	76.00
IRR47859	38.1597	-97.6167	49.70
IRR47925	37.9088	-97.6342	4.00
IRR48136	37.9523	-97.6423	53.00
IRR48293	37.8668	-97.4542	8.15
IRR48378	37.7930	-97.5606	40.00
IRR48411	37.7974	-97.5469	99.00
IRR48414	37.8682	-97.3919	0.00
IRR48420	37.8293	-97.6242	54.51
IRR48616	37.8805	-97.4347	50.00
IRR48673	37.7947	-97.4817	9.00
IRR48680	37.9378	-97.5691	78.00
IRR48760	37.9977	-97.6906	0.00
IRR48813	37.8503	-97.6695	99.69
IRR48862	38.1698	-97.5325	76.00
IRR48922	38.1932	-97.6694	28.01
IRR48943	37.9553	-97.9243	28.00
IRR49046	37.8708	-97.6972	53.00
IRR49092	37.8394	-97.6295	7.00
IRR49115	37.9379	-97.6645	0.00
IRR49136	37.6488	-97.3356	0.00
IRR49262	37.6688	-97.4753	0.94
IRR49272	37.9051	-97.5139	39.00
IRR49289	37.9813	-97.8250	0.00
IRR49327	37.8427	-97.6330	65.00
IRR49356	38.0054	-98.0547	7.00
IRR49458	37.9671	-97.7246	76.00
IRR49571	37.8577	-97.6788	89.32

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
MUN26079	37.7686	-97.3405	63.65
MUN26185	37.8450	-97.3809	42.27
MUN26393	38.0089	-97.4579	62.86
MUN26511	37.9918	-97.4813	153.28
MUN26890	38.1736	-97.5505	144.90
MUN27739	37.7685	-97.3421	101.25
MUN28415	37.9776	-97.4270	171.34
MUN28648	37.8827	-97.4644	271.27
MUN29095	38.0515	-97.4811	0.00
MUN30126	37.7926	-97.5084	0.00
MUN30129	37.9843	-97.9520	317.51
MUN30253	37.6948	-97.3577	0.00
MUN30294	37.9667	-97.4320	168.39
MUN30848	38.0547	-97.4792	50.06
MUN31240	38.0675	-98.0138	20.63
MUN31845	37.6956	-97.3567	0.00
MUN33207	37.7797	-97.5410	0.00
MUN33408	37.7950	-97.3390	95.83
MUN33690	38.0679	-98.0138	0.00
MUN34348	38.0857	-97.9415	478.16
MUN34440	38.2031	-97.5878	108.70
MUN35006	37.7950	-97.3413	19.44
MUN35499	37.8982	-97.5684	319.17
MUN35645	38.1740	-97.7014	126.35
MUN36027	37.9047	-97.7751	7.85
MUN37650	38.0009	-97.4629	89.41
MUN37772	37.7697	-97.3405	39.67
MUN38060	37.9121	-97.5172	234.39
MUN38135	38.0522	-97.8668	346.36
MUN38138	38.0810	-97.9664	86.88
MUN38748	37.9273	-97.5176	431.05
MUN39222	38.0938	-97.9690	317.11
MUN39385	37.8911	-97.4815	26.56
MUN40003	38.0146	-97.5743	469.26
MUN40512	37.9585	-97.5863	0.00
MUN40683	38.1519	-98.0799	28.03
MUN41347	37.7701	-97.4762	0.00
MUN42112	37.9699	-97.8735	12.02
MUN42367	37.8579	-97.4772	0.00
MUN42507	37.9629	-97.8673	28.36
MUN42835	38.0955	-98.0066	0.00
MUN43583	37.7936	-97.6248	36.96
MUN43709	37.9981	-97.4641	75.81
MUN43928	38.1454	-97.5339	122.27
MUN44133	38.0049	-97.4594	95.17
MUN44146	37.6636	-97.4794	199.30
MUN44420	37.9698	-97.8787	12.05
MUN44679	38.0282	-97.5730	18.94
MUN44841	37.9273	-97.5371	345.11
MUN44868	37.9708	-97.5377	275.41
MUN45639	37.9785	-97.5729	617.02
MUN45764	37.9626	-97.5543	555.56

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR49598	37.8213	-97.6125	35.00
IRR49834	37.8291	-97.5326	0.00
IRR49897	38.0258	-97.4772	0.00
IRR49922	38.0324	-97.5505	1.00
IRR49973	38.0018	-98.0214	25.40
IRR50040	38.0032	-97.6516	91.00
IRR50120	38.1492	-97.7107	86.59
IRR50437	37.8942	-97.4682	29.00
IRR50590	37.8960	-97.5233	14.00
IRR50621	37.9452	-97.6608	76.00
IRR50628	37.9307	-97.6928	35.00
IRR50674	37.9342	-97.6661	0.00
IRR50687	37.9614	-97.5095	0.00
IRR50722	37.9743	-97.8073	0.00
IRR50804	37.8650	-97.5322	99.00
IRR50934	37.9960	-97.6329	78.00
IRR51159	37.6770	-97.3489	0.08
IRR51164	38.1341	-97.5916	104.86
IRR51176	37.8908	-97.7424	32.70
IRR51201	37.7553	-97.5107	0.00
IRR51203	38.1089	-97.6839	54.44
IRR51241	37.6909	-97.3648	7.54
IRR51378	37.9597	-97.4792	55.00
IRR51388	37.9415	-97.4999	35.00
IRR51890	37.8943	-97.7240	58.00
IRR52376	38.1627	-98.0549	103.00
IRR52468	37.8470	-97.6961	0.00
IRR52494	37.9188	-97.6287	48.00
IRR52568	38.2034	-97.5790	64.00
IRR52600	37.6796	-97.4547	46.00
IRR52606	38.1613	-97.6700	48.00
IRR52680	38.0276	-97.4907	0.00
IRR52792	37.7979	-97.5517	34.00
IRR52944	37.9439	-97.6375	16.00
IRR52949	37.7689	-97.5226	0.00
IRR52965	37.7824	-97.5769	37.00
IRR53120	38.1662	-97.6072	0.00
IRR53174	37.9828	-97.8319	118.37
IRR53261	38.1359	-97.4129	0.00
IRR53304	38.0825	-98.0005	78.00
IRR53328	37.9866	-97.8412	0.00
IRR53458	37.9468	-97.5000	36.00
IRR53486	37.7590	-97.3556	1.82
IRR53574	38.1448	-97.5874	25.25
IRR53635	37.6823	-97.3452	0.00
IRR53786	37.8868	-97.5688	133.00
IRR53800	37.6764	-97.3625	0.00
IRR53854	37.9946	-97.7304	0.00
IRR53897	37.9288	-97.5916	8.00
IRR53899	38.0103	-97.5322	82.00
IRR54141	37.7689	-97.5226	0.00
IRR54170	37.7997	-97.3854	16.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
MUN45919	38.0064	-97.4628	51.78
MUN46190	37.7032	-97.3630	52.60
MUN46604	37.9047	-97.5623	542.48
MUN46981	38.1468	-97.5250	80.89
MUN47210	37.8700	-97.6639	0.00
MUN47789	37.6975	-97.3600	0.00
MUN48048	38.1004	-97.9427	303.45
MUN48321	37.9127	-97.5010	228.13
MUN48769	38.0073	-97.4587	1.49
MUN48936	38.1170	-97.9572	642.93
MUN49022	38.1457	-97.7028	0.00
MUN49133	38.0576	-97.6651	72.78
MUN49165	37.7670	-97.3532	0.00
MUN49568	38.1457	-97.7028	0.00
MUN50361	37.9083	-97.7753	53.30
MUN51466	38.1471	-97.5366	217.09
MUN51503	37.8286	-97.4038	0.00
MUN51550	37.9409	-97.5189	123.59
MUN51954	37.9992	-97.5101	0.00
MUN52869	37.7153	-97.4814	121.96
MUN53404	37.8827	-97.4723	340.36
MUN53460	38.0126	-97.4579	61.23
MUN53930	38.1432	-97.5244	136.52
MUN54488	37.7673	-97.4612	0.00
MUN54514	38.0724	-97.9461	0.42
MUN54608	37.9783	-97.5375	375.67
MUN54690	38.0114	-97.4630	62.31
MUN60809	37.7018	-97.3703	1.59
MUN61055	38.0998	-97.9595	426.12
MUN61069	37.7045	-97.3671	0.75
MUN61073	37.7720	-97.5687	0.00
MUN61188	37.7956	-97.3401	0.05
MUN61340	37.7720	-97.5698	75.52
MUN61632	37.9696	-97.5542	149.45
MUN61635	37.9119	-97.5727	81.01
MUN61636	37.9271	-97.5451	107.37
MUN62625	37.7720	-97.5677	45.96
MUN64080	37.7390	-97.4810	147.31
MUN64576	37.8029	-97.3375	125.63
MUN64885	37.8349	-97.3809	248.57
MUN64948	37.9775	-97.5641	59.52
MUN64949	37.9420	-97.5283	43.36
MUN64950	37.8976	-97.5102	80.78
MUN65283	37.9935	-97.4814	221.24
MUN65284	37.9927	-97.4814	0.00
MUN66276	37.7448	-97.4804	192.07
MUN68067	37.8379	-97.5177	208.98
MUN68068	37.8350	-97.5178	246.36
MUN68934	37.7659	-97.3479	428.24
MUN68997	38.0428	-97.6104	0.00
MUN69009	38.0581	-97.6098	0.00
MUN69411	37.7940	-97.6248	0.00

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR54303	37.9392	-97.7384	29.00
IRR54488	37.7673	-97.4612	0.00
IRR54582	38.0140	-97.7245	57.00
IRR54724	38.1779	-97.5874	97.00
IRR54743	37.7982	-97.3780	0.00
IRR54889	37.9667	-97.5881	103.00
IRR54915	37.9087	-97.6880	73.00
IRR60057	37.7922	-97.4542	0.00
IRR60058	37.7930	-97.4542	0.00
IRR60059	37.7925	-97.4542	4.58
IRR60060	37.7919	-97.4542	0.00
IRR60061	37.7913	-97.4542	0.00
IRR60072	37.9741	-97.7108	21.00
IRR60082	38.1330	-97.9912	35.00
IRR60102	37.8976	-97.6540	97.00
IRR60104	37.8907	-97.6926	48.00
IRR60127	37.9881	-97.9538	134.00
IRR60209	37.9552	-97.9507	43.00
IRR60338	37.9554	-97.9153	0.00
IRR60340	37.9555	-97.9142	0.00
IRR60343	37.8950	-97.5421	42.00
IRR60464	37.9546	-97.9247	0.00
IRR60511	38.0324	-97.6330	0.00
IRR60658	37.8126	-97.5274	56.67
IRR60772	37.9234	-97.5782	32.00
IRR60804	37.8222	-97.5491	63.00
IRR60835	37.7898	-97.4853	21.00
IRR60899	37.8577	-97.6420	30.00
IRR60949	38.1380	-97.6194	66.70
IRR60955	37.9023	-97.6702	43.00
IRR60956	37.9024	-97.6789	15.00
IRR60968	38.1414	-97.5785	0.00
IRR60991	37.8944	-97.7331	61.00
IRR61106	37.9740	-97.4452	11.00
IRR61143	37.9851	-97.7480	78.00
IRR61158	38.1421	-98.0446	0.00
IRR61194	37.9552	-97.9497	0.00
IRR61195	37.9552	-97.9504	0.00
IRR61196	37.9552	-97.9511	0.00
IRR61197	37.9552	-97.9517	0.00
IRR61214	37.9030	-97.6788	0.00
IRR61215	37.9036	-97.6788	6.00
IRR61262	38.1776	-97.6240	33.00
IRR61334	38.0251	-97.6321	31.00
IRR61395	37.8203	-97.5680	20.00
IRR61458	37.9779	-97.7875	86.00
IRR61476	37.9507	-97.8938	0.00
IRR61500	38.1922	-97.6149	96.00
IRR61530	38.1409	-97.5791	85.86
IRR61531	38.1404	-97.5798	0.00
IRR61532	37.9788	-97.7291	24.62
IRR61594	38.1707	-97.6239	21.02

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
MUN70850	38.1156	-97.4950	83.82
MUN70851	38.1087	-97.4880	84.56
MUN70852	38.1153	-97.4864	77.41
MUN71027	38.0757	-97.9271	1.67
MUN71030	38.0796	-97.9290	1.48
MUN71031	38.0779	-97.9238	2.16
MUN71057	38.0136	-97.6096	0.00
MUN71847	38.0292	-97.6096	0.00
MUN71870	38.0595	-97.7716	33.22
MUN71873	38.0601	-97.7709	0.00
MUN71874	38.0599	-97.7706	0.00
MUN71922	38.0429	-97.8791	546.73
MUN71923	38.0429	-97.8642	1.21
MUN72885	37.8031	-97.3465	106.55
MUN73474	37.6575	-97.4776	46.71
MUN73658	38.0144	-97.5651	167.23
MUN73659	38.0000	-97.5730	75.25
MUN73660	37.9846	-97.5731	165.84
MUN73661	37.9699	-97.5637	151.32
MUN73662	37.9628	-97.5374	91.61
MUN73664	37.9272	-97.5090	73.71
MUN73665	37.9205	-97.5008	74.16
MUN73666	37.9785	-97.6106	214.20
MUN73667	37.9710	-97.6106	42.75
MUN73668	37.9709	-97.6189	71.59
MUN73669	37.9482	-97.6106	0.00
MUN73671	37.9418	-97.6006	128.17
MUN73672	37.8981	-97.5600	448.61
MUN74836	37.8654	-97.6629	46.62
MUN75646	37.9846	-97.5653	192.50
MUN75647	37.9511	-97.5363	292.05
MUN75648	37.9337	-97.5373	110.82
MUN76016	38.0211	-97.5730	163.55
MUN77095	37.9992	-97.6103	0.00
MUN77132	37.9380	-97.5557	2.49
MUN77133	37.9479	-97.5548	7.72
MUN77134	37.9563	-97.5510	2.22
MUN77136	37.9563	-97.5922	18.03
MUN77137	37.9563	-97.6097	119.79
MUN77819	37.9555	-97.5742	1.19
MUN78564	37.7070	-97.3630	1.22
MUN78565	37.8973	-97.4995	501.24
MUN78566	37.6969	-97.3619	2.92
MUN78567	37.7060	-97.3644	0.30
MUN79100	37.7002	-97.3709	294.28
MUN79101	37.6981	-97.3704	253.11
MUN79102	37.6961	-97.3688	0.20
MUN79519	38.0506	-97.4657	72.16
MUN79520	38.0613	-97.4639	24.54
MUN79521	38.0597	-97.4639	12.88
MUN79522	38.0605	-97.4639	0.00
MUN80448	38.0428	-97.8459	1417.81

Model Area Non-Domestic Water Use

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
IRR61705	37.9878	-97.6650	29.00
IRR61741	37.9163	-97.7798	99.91
IRR61882	37.7405	-97.4761	11.74
IRR61932	37.9304	-97.4815	59.00
IRR62018	37.9597	-97.7704	58.00
IRR62036	37.9307	-97.6789	23.00

Well ID No.*	Latitude (NAD27)	Longitude (NAD27)	Reported Pumping (acre-feet)
MUN80504	38.0613	-97.7609	0.00
MUN80505	38.0617	-97.7616	0.00
MUN80506	38.0610	-97.7599	0.00
MUN80507	38.0614	-97.7607	0.00
MUN80508	38.0610	-97.7613	0.00
MUN80990	38.1122	-97.4923	22.55

**Well ID No. is composed of the DWR use code combined with the DWR PDIV ID.*

**APPENDIX H –
2016 ANNUAL STREAMFLOW, INCLUDING BASEFLOW & ABOVE BASEFLOW
STAGE**

Little Arkansas River
 USGS Daily Data for
 Gage 07143672
 L Arkansas R at Hwy 50 NR Halstead, KS

Little Arkansas River
 USGS Daily Data for
 Gage 07144200
 L Arkansas R at Valley Center, KS

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
1/1/2016	33.7	A	20
1/2/2016	32.5	A	20
1/3/2016	31.4	A	20
1/4/2016	29.7	A	20
1/5/2016	29.2	A	20
1/6/2016	30.1	A	20
1/7/2016	30.1	A	20
1/8/2016	76.6	A	20
1/9/2016	238	A	20
1/10/2016	241	A	20
1/11/2016	186	A	20
1/12/2016	122	A	20
1/13/2016	60.9	A	20
1/14/2016	47.5	A	20
1/15/2016	39.3	A	20
1/16/2016	33.6	A	20
1/17/2016	29	A	20
1/18/2016	28.3	A	20
1/19/2016	28.8	A	20
1/20/2016	26.1	A	20
1/21/2016	24.4	A	20
1/22/2016	22.8	A	20
1/23/2016	21.2	A	20
1/24/2016	23.2	A	20
1/25/2016	23	A	20
1/26/2016	21.5	A	20
1/27/2016	21.8	A	20
1/28/2016	22.7	A	20
1/29/2016	22.4	A	20
1/30/2016	22.6	A	20
1/31/2016	21.4	A	20
2/1/2016	21.3	A	20
2/2/2016	25.1	A	20
2/3/2016	24	A	20
2/4/2016	54.3	A	20
2/5/2016	87.9	A	20
2/6/2016	61.3	A	20
2/7/2016	43	A	20
2/8/2016	32.4	A	20
2/9/2016	27.1	A	20
2/10/2016	24.9	A	20
2/11/2016	23.4	A	20
2/12/2016	22.8	A	20
2/13/2016	21.7	A	20
2/14/2016	20.8	A	20
2/15/2016	21	A	20
2/16/2016	20.4	A	20
2/17/2016	20.6	A	20
2/18/2016	20.8	A	20
2/19/2016	19.6	A	20
2/20/2016	19	A	20
2/21/2016	18.6	A	20
2/22/2016	18.7	A	20

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
1/1/2016	168	A	30
1/2/2016	151	A	30
1/3/2016	141	A	30
1/4/2016	133	A	30
1/5/2016	126	A	30
1/6/2016	123	A	30
1/7/2016	123	A	30
1/8/2016	145	A	30
1/9/2016	239	A	30
1/10/2016	384	A	30
1/11/2016	295	A	30
1/12/2016	262	A	30
1/13/2016	190	A	30
1/14/2016	152	A	30
1/15/2016	137	A	30
1/16/2016	126	A	30
1/17/2016	115	A	30
1/18/2016	101	A	30
1/19/2016	105	A	30
1/20/2016	104	A	30
1/21/2016	98.8	A	30
1/22/2016	94.1	A	30
1/23/2016	90.8	A	30
1/24/2016	91.2	A	30
1/25/2016	90.6	A	30
1/26/2016	89.5	A	30
1/27/2016	86.3	A	30
1/28/2016	86	A	30
1/29/2016	86.3	A	30
1/30/2016	85.5	A	30
1/31/2016	84.7	A	30
2/1/2016	82.4	A	30
2/2/2016	89.1	A	30
2/3/2016	104	A	30
2/4/2016	117	A	30
2/5/2016	150	A	30
2/6/2016	152	A	30
2/7/2016	128	A	30
2/8/2016	110	A	30
2/9/2016	97.3	A	30
2/10/2016	89.2	A	30
2/11/2016	84.2	A	30
2/12/2016	81.3	A	30
2/13/2016	78.8	A	30
2/14/2016	77.3	A	30
2/15/2016	77	A	30
2/16/2016	75.8	A	30
2/17/2016	74.7	A	30
2/18/2016	74.1	A	30
2/19/2016	73.3	A	30
2/20/2016	71.3	A	30
2/21/2016	69.8	A	30
2/22/2016	68.4	A	30

Little Arkansas River
 USGS Daily Data for
 Gage 07143672
 L Arkansas R at Hwy 50 NR Halstead, KS

Little Arkansas River
 USGS Daily Data for
 Gage 07144200
 L Arkansas R at Valley Center, KS

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
2/23/2016	18.5	A	20
2/24/2016	19.8	A	20
2/25/2016	19.9	A	20
2/26/2016	19.5	A	20
2/27/2016	19.1	A	20
2/28/2016	18.1	A	20
2/29/2016	17.5	A	20
3/1/2016	16.9	A	20
3/2/2016	17.2	A	20
3/3/2016	16.5	A	20
3/4/2016	16.7	A	20
3/5/2016	16.6	A	20
3/6/2016	17.3	A	20
3/7/2016	17.1	A	20
3/8/2016	15.5	A	20
3/9/2016	15.6	A	20
3/10/2016	15.4	A	20
3/11/2016	15.4	A	20
3/12/2016	15.7	A	20
3/13/2016	16.8	A	20
3/14/2016	17.5	A	20
3/15/2016	16.4	A	20
3/16/2016	15.7	A	20
3/17/2016	15.7	A	20
3/18/2016	15.7	A	20
3/19/2016	15.9	A	20
3/20/2016	15.9	A	20
3/21/2016	16.2	A	20
3/22/2016	16.6	A	20
3/23/2016	16.4	A	20
3/24/2016	14.6	A	20
3/25/2016	14.8	A	20
3/26/2016	15.2	A	20
3/27/2016	16.4	A	20
3/28/2016	16.1	A	20
3/29/2016	15.9	A	20
3/30/2016	16	A	20
3/31/2016	15.4	A	20
4/1/2016	14.9	A	57
4/2/2016	14.6	A	57
4/3/2016	14.9	A	57
4/4/2016	14.8	A	57
4/5/2016	15.6	A	57
4/6/2016	15.3	A	57
4/7/2016	15.2	A	57
4/8/2016	15.3	A	57
4/9/2016	15.7	A	57
4/10/2016	16.1	A	57
4/11/2016	16.2	A	57
4/12/2016	15.9	A	57
4/13/2016	15.5	A	57
4/14/2016	16.3	A	57
4/15/2016	16.5	A	57

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
2/23/2016	43.5	A	30
2/24/2016	18.1	A	30
2/25/2016	47.3	A	30
2/26/2016	60.3	A	30
2/27/2016	69.4	A	30
2/28/2016	68.1	A	30
2/29/2016	35.5	A	30
3/1/2016	28.7	A	30
3/2/2016	4.76	A	30
3/3/2016	17.1	A	30
3/4/2016	19.8	A	30
3/5/2016	15.5	A	30
3/6/2016	19.3	A	30
3/7/2016	18.5	A	30
3/8/2016	14.5	A	30
3/9/2016	14.1	A	30
3/10/2016	13.4	A	30
3/11/2016	13	A	30
3/12/2016	13.1	A	30
3/13/2016	14.4	A	30
3/14/2016	20	A	30
3/15/2016	16.8	A	30
3/16/2016	13.6	A	30
3/17/2016	12.9	A	30
3/18/2016	11.7	A	30
3/19/2016	11.2	A	30
3/20/2016	10.9	A	30
3/21/2016	11.6	A	30
3/22/2016	11.6	A	30
3/23/2016	11.6	A	30
3/24/2016	10.3	A	30
3/25/2016	10.2	A	30
3/26/2016	9.93	A	30
3/27/2016	10.9	A	30
3/28/2016	13.5	A	30
3/29/2016	13.1	A	30
3/30/2016	68.2	A	30
3/31/2016	67.2	A	30
4/1/2016	60.8	A	30
4/2/2016	56.3	A	30
4/3/2016	54.7	A	30
4/4/2016	53.6	A	30
4/5/2016	52.5	A	30
4/6/2016	54.8	A	30
4/7/2016	50	A	30
4/8/2016	50	A	30
4/9/2016	49.2	A	30
4/10/2016	50.6	A	30
4/11/2016	51.7	A	30
4/12/2016	50.9	A	30
4/13/2016	48.1	A	30
4/14/2016	46.2	A	30
4/15/2016	46.6	A	30

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4/16/2016	16.5	A	57
4/17/2016	19.6	A	57
4/18/2016	21.8	A	57
4/19/2016	34.8	A	57
4/20/2016	110	A	57
4/21/2016	202	A	57
4/22/2016	270	A	57
4/23/2016	217	A	57
4/24/2016	93.4	A	57
4/25/2016	47	A	57
4/26/2016	31.7	A	57
4/27/2016	25.7	A	57
4/28/2016	21.4	A	57
4/29/2016	30.9	A	57
4/30/2016	348	A	57
5/1/2016	1550	A	57
5/2/2016	1080	A	57
5/3/2016	397	A	57
5/4/2016	180	A	57
5/5/2016	90.2	A	57
5/6/2016	61.7	A	57
5/7/2016	47.8	A	57
5/8/2016	38.6	A	57
5/9/2016	32.4	A	57
5/10/2016	27.5	A	57
5/11/2016	24.2	A	57
5/12/2016	22	A	57
5/13/2016	20.5	A	57
5/14/2016	18.8	A	57
5/15/2016	18.2	A	57
5/16/2016	19	A	57
5/17/2016	19.5	A	57
5/18/2016	18.6	A	57
5/19/2016	18.6	A	57
5/20/2016	19.1	A	57
5/21/2016	22.2	A	57
5/22/2016	20.5	A	57
5/23/2016	29	A	57
5/24/2016	44.8	A	57
5/25/2016	297	A	57
5/26/2016	455	A	57
5/27/2016	3250	A	57
5/28/2016	5180	A	57
5/29/2016	5740	A	57
5/30/2016	4940	A	57
5/31/2016	2020	A	57
6/1/2016	952	A	57
6/2/2016	1270	A	57
6/3/2016	668	A	57
6/4/2016	304	A	57
6/5/2016	187	A	57
6/6/2016	138	A	57
6/7/2016	105	A	57

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
4/16/2016	46	A	30
4/17/2016	61.2	A	30
4/18/2016	79.2	A	30
4/19/2016	86.5	A	30
4/20/2016	176	A	30
4/21/2016	293	A	30
4/22/2016	305	A	30
4/23/2016	327	A	30
4/24/2016	222	A	30
4/25/2016	150	A	30
4/26/2016	120	A	30
4/27/2016	163	A	30
4/28/2016	118	A	30
4/29/2016	101	A	30
4/30/2016	344	A	30
5/1/2016	1090	A	30
5/2/2016	1580	A	30
5/3/2016	781	A	30
5/4/2016	389	A	30
5/5/2016	251	A	30
5/6/2016	178	A	30
5/7/2016	161	A	30
5/8/2016	140	A	30
5/9/2016	136	A	30
5/10/2016	128	A	30
5/11/2016	115	A	30
5/12/2016	104	A	30
5/13/2016	95.7	A	30
5/14/2016	88	A	30
5/15/2016	83	A	30
5/16/2016	92.5	A	30
5/17/2016	173	A	30
5/18/2016	161	A	30
5/19/2016	128	A	30
5/20/2016	110	A	30
5/21/2016	99.4	A	30
5/22/2016	96.8	A	30
5/23/2016	226	A	30
5/24/2016	414	A	30
5/25/2016	1040	A	30
5/26/2016	1330	A	30
5/27/2016	2330	A	30
5/28/2016	3040	A	30
5/29/2016	2710	A	30
5/30/2016	2490	A	30
5/31/2016	2170	A	30
6/1/2016	1470	A	30
6/2/2016	1340	A	30
6/3/2016	1160	A	30
6/4/2016	670	A	30
6/5/2016	439	A	30
6/6/2016	322	A	30
6/7/2016	253	A	30

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6/8/2016	86.1	A:e	57
6/9/2016	70.7	A:e	57
6/10/2016	59.4	A	57
6/11/2016	50	A	57
6/12/2016	43.7	A	57
6/13/2016	39.2	A	57
6/14/2016	34.5	A	57
6/15/2016	174	A	57
6/16/2016	524	A	57
6/17/2016	200	A	57
6/18/2016	179	A	57
6/19/2016	489	A	57
6/20/2016	1060	A	57
6/21/2016	455	A	57
6/22/2016	148	A	57
6/23/2016	108	A	57
6/24/2016	283	A	57
6/25/2016	135	A	57
6/26/2016	65.5	A	57
6/27/2016	42.1	A	57
6/28/2016	32.6	A	57
6/29/2016	29	A	57
6/30/2016	26.8	A	57
7/1/2016	25.2	A	57
7/2/2016	498	A	57
7/3/2016	4810	A	57
7/4/2016	8020	A	57
7/5/2016	8360	A	57
7/6/2016	7520	A	57
7/7/2016	4890	A	57
7/8/2016	1880	A	57
7/9/2016	1310	A	57
7/10/2016	893	A	57
7/11/2016	513	A	57
7/12/2016	335	A	57
7/13/2016	239	A	57
7/14/2016	205	A	57
7/15/2016	366	A	57
7/16/2016	317	A	57
7/17/2016	188	A	57
7/18/2016	132	A	57
7/19/2016	100	A	57
7/20/2016	81.9	A	57
7/21/2016	69.5	A	57
7/22/2016	60.1	A	57
7/23/2016	53.3	A	57
7/24/2016	49.2	A	57
7/25/2016	46.8	A	57
7/26/2016	59.2	A	57
7/27/2016	50.1	A	57
7/28/2016	43.6	A	57
7/29/2016	47.6	A:e	57
7/30/2016	65.6	A	57

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
6/8/2016	217	A	30
6/9/2016	186	A	30
6/10/2016	158	A	30
6/11/2016	138	A	30
6/12/2016	137	A	30
6/13/2016	135	A	30
6/14/2016	124	A	30
6/15/2016	208	A	30
6/16/2016	2660	A	30
6/17/2016	1510	A	30
6/18/2016	794	A	30
6/19/2016	467	A	30
6/20/2016	1020	A	30
6/21/2016	889	A	30
6/22/2016	430	A	30
6/23/2016	235	A	30
6/24/2016	960	A	30
6/25/2016	542	A	30
6/26/2016	234	A	30
6/27/2016	163	A	30
6/28/2016	136	A	30
6/29/2016	127	A	30
6/30/2016	118	A	30
7/1/2016	111	A	30
7/2/2016	158	A	30
7/3/2016	2540	A	30
7/4/2016	3120	A	30
7/5/2016	2780	A	30
7/6/2016	2680	A	30
7/7/2016	2550	A	30
7/8/2016	1970	A	30
7/9/2016	1560	A	30
7/10/2016	1260	A	30
7/11/2016	847	A	30
7/12/2016	596	A	30
7/13/2016	481	A	30
7/14/2016	534	A	30
7/15/2016	957	A	30
7/16/2016	829	A	30
7/17/2016	500	A	30
7/18/2016	331	A	30
7/19/2016	236	A	30
7/20/2016	187	A	30
7/21/2016	159	A	30
7/22/2016	138	A	30
7/23/2016	136	A	30
7/24/2016	132	A	30
7/25/2016	125	A	30
7/26/2016	1110	A	30
7/27/2016	498	A	30
7/28/2016	244	A	30
7/29/2016	179	A	30
7/30/2016	144	A	30

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7/31/2016	48.1	A	57
8/1/2016	43	A	57
8/2/2016	41	A	57
8/3/2016	40.3	A	57
8/4/2016	38.4	A	57
8/5/2016	46	A	57
8/6/2016	70.7	A	57
8/7/2016	46.1	A	57
8/8/2016	582	A	57
8/9/2016	1180	A	57
8/10/2016	320	A	57
8/11/2016	118	A	57
8/12/2016	69.1	A	57
8/13/2016	87.6	A	57
8/14/2016	87	A	57
8/15/2016	61.3	A	57
8/16/2016	40	A	57
8/17/2016	32.7	A	57
8/18/2016	30	A	57
8/19/2016	43.2	A	57
8/20/2016	647	A	57
8/21/2016	559	A	57
8/22/2016	242	A	57
8/23/2016	103	A	57
8/24/2016	62.6	A	57
8/25/2016	59.7	A	57
8/26/2016	1080	A	57
8/27/2016	781	A	57
8/28/2016	289	A	57
8/29/2016	141	A	57
8/30/2016	115	A	57
8/31/2016	442	A	57
9/1/2016	1490	A	57
9/2/2016	1690	A	57
9/3/2016	1150	A	57
9/4/2016	353	A	57
9/5/2016	131	A	57
9/6/2016	80.2	A	57
9/7/2016	58.6	A	57
9/8/2016	244	A	57
9/9/2016	415	A	57
9/10/2016	861	A	57
9/11/2016	894	A	57
9/12/2016	333	A	57
9/13/2016	157	A	57
9/14/2016	91.9	A	57
9/15/2016	67	A	57
9/16/2016	88.8	A	57
9/17/2016	159	A	57
9/18/2016	97.7	A	57
9/19/2016	72.7	A	57
9/20/2016	64.6	A	57
9/21/2016	49	A	57

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
7/31/2016	151	A	30
8/1/2016	138	A	30
8/2/2016	117	A	30
8/3/2016	107	A	30
8/4/2016	99.9	A	30
8/5/2016	104	A	30
8/6/2016	138	A	30
8/7/2016	148	A	30
8/8/2016	432	A	30
8/9/2016	1780	A	30
8/10/2016	1230	A	30
8/11/2016	559	A	30
8/12/2016	322	A	30
8/13/2016	364	A	30
8/14/2016	285	A	30
8/15/2016	189	A	30
8/16/2016	140	A	30
8/17/2016	129	A	30
8/18/2016	114	A	30
8/19/2016	117	A	30
8/20/2016	1110	A	30
8/21/2016	1650	A	30
8/22/2016	925	A	30
8/23/2016	404	A	30
8/24/2016	220	A	30
8/25/2016	265	A	30
8/26/2016	1230	A	30
8/27/2016	2100	A	30
8/28/2016	1520	A	30
8/29/2016	788	A	30
8/30/2016	409	A	30
8/31/2016	1180	A	30
9/1/2016	2070	A	30
9/2/2016	1860	A	30
9/3/2016	1660	A	30
9/4/2016	1000	A	30
9/5/2016	448	A	30
9/6/2016	267	A	30
9/7/2016	206	A	30
9/8/2016	1090	A	30
9/9/2016	2190	A	30
9/10/2016	2120	A	30
9/11/2016	1820	A	30
9/12/2016	1220	A	30
9/13/2016	673	A	30
9/14/2016	435	A	30
9/15/2016	295	A	30
9/16/2016	406	A	30
9/17/2016	1560	A	30
9/18/2016	657	A	30
9/19/2016	361	A	30
9/20/2016	256	A	30
9/21/2016	189	A	30

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9/22/2016	41.3	A	57
9/23/2016	36.8	A	57
9/24/2016	122	A	57
9/25/2016	2620	A	57
9/26/2016	2650	A	57
9/27/2016	1270	A	57
9/28/2016	262	A	57
9/29/2016	122	A	57
9/30/2016	80	A	57
10/1/2016	62.9	A	57
10/2/2016	51.6	A	57
10/3/2016	44.9	A	57
10/4/2016	42.3	A	57
10/5/2016	46.4	A	57
10/6/2016	67.8	A	57
10/7/2016	62.9	A	57
10/8/2016	49.4	A	57
10/9/2016	42.1	A	57
10/10/2016	40.1	A	57
10/11/2016	37.5	A	57
10/12/2016	35.1	A	57
10/13/2016	34.2	A	57
10/14/2016	35.5	A	57
10/15/2016	38.1	A	57
10/16/2016	35.1	A	57
10/17/2016	33.3	A	57
10/18/2016	30.6	A	57
10/19/2016	29.7	A	57
10/20/2016	29.6	A	57
10/21/2016	29.9	A	57
10/22/2016	30.1	A	57
10/23/2016	29.4	A	57
10/24/2016	29.5	A	57
10/25/2016	29.3	A	57
10/26/2016	31	A	57
10/27/2016	54.4	A	57
10/28/2016	177	A	57
10/29/2016	115	A	57
10/30/2016	59.3	A	57
10/31/2016	45	A	57
11/1/2016	38.2	A	20
11/2/2016	33.9	A	20
11/3/2016	31.3	A	20
11/4/2016	30.1	A	20
11/5/2016	29.6	A	20
11/6/2016	29.5	A	20
11/7/2016	29.7	A	20
11/8/2016	29.1	A	20
11/9/2016	28.4	A	20
11/10/2016	29.1	A	20
11/11/2016	28.9	A	20
11/12/2016	28.8	A	20
11/13/2016	28.9	A:e	20

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
9/22/2016	168	A	30
9/23/2016	146	A	30
9/24/2016	136	A	30
9/25/2016	1250	A	30
9/26/2016	2040	A	30
9/27/2016	1720	A	30
9/28/2016	923	A	30
9/29/2016	395	A	30
9/30/2016	251	A	30
10/1/2016	209	A	30
10/2/2016	179	A	30
10/3/2016	155	A	30
10/4/2016	153	A	30
10/5/2016	170	A	30
10/6/2016	186	A	30
10/7/2016	265	A	30
10/8/2016	172	A	30
10/9/2016	141	A	30
10/10/2016	140	A	30
10/11/2016	136	A	30
10/12/2016	127	A	30
10/13/2016	119	A	30
10/14/2016	117	A	30
10/15/2016	117	A	30
10/16/2016	119	A	30
10/17/2016	117	A	30
10/18/2016	110	A	30
10/19/2016	104	A	30
10/20/2016	101	A	30
10/21/2016	98.1	A	30
10/22/2016	96.8	A	30
10/23/2016	96.6	A	30
10/24/2016	94.5	A	30
10/25/2016	93.2	A	30
10/26/2016	101	A	30
10/27/2016	98	A	30
10/28/2016	138	A	30
10/29/2016	228	A	30
10/30/2016	158	A	30
10/31/2016	132	A	30
11/1/2016	119	A	30
11/2/2016	110	A	30
11/3/2016	103	A	30
11/4/2016	98.8	A	30
11/5/2016	96.7	A	30
11/6/2016	95.4	A	30
11/7/2016	95.9	A	30
11/8/2016	94.8	A	30
11/9/2016	92.8	A	30
11/10/2016	91.7	A	30
11/11/2016	92.2	A	30
11/12/2016	90.5	A	30
11/13/2016	90.3	A	30

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11/14/2016	28.5	A:e	20
11/15/2016	28.8	A:e	20
11/16/2016	29.1	A	20
11/17/2016	29	A	20
11/18/2016	26.6	A	20
11/19/2016	25.8	A	20
11/20/2016	26.2	A	20
11/21/2016	26.3	A	20
11/22/2016	27.2	A	20
11/23/2016	26	A	20
11/24/2016	26.5	A	20
11/25/2016	26.5	A	20
11/26/2016	27.1	A	20
11/27/2016	28.4	A	20
11/28/2016	27.7	A	20
11/29/2016	27.2	A	20
11/30/2016	26.9	A	20
12/1/2016	27.1	A	20
12/2/2016	27.4	A	20
12/3/2016	28.8	A	20
12/4/2016	30.8	A	20
12/5/2016	31.1	A	20
12/6/2016	31.2	A	20
12/7/2016	31.4	A	20
12/8/2016	31.1	A	20
12/9/2016	30.8	A	20
12/10/2016	33.1	A	20
12/11/2016	32.9	A	20
12/12/2016	32.1	A	20
12/13/2016	32.1	A	20
12/14/2016	31.3	A	20
12/15/2016	33.4	A	20
12/16/2016	34.1	A	20
12/17/2016	33.1	A	20
12/18/2016	30.7	A	20
12/19/2016	34.1	A	20
12/20/2016	33.6	A	20
12/21/2016	33.4	A	20
12/22/2016	32.7	A	20
12/23/2016	32.3	A	20
12/24/2016	32.7	A	20
12/25/2016	35.1	A	20
12/26/2016	34.9	A	20
12/27/2016	35.5	A	20
12/28/2016	36.2	A	20
12/29/2016	38	A	20
12/30/2016	39.3	A	20

Date	Flow (cfs)	Qualification Code	ASR Trigger Value
11/14/2016	92.4	A	30
11/15/2016	92.6	A	30
11/16/2016	91.8	A	30
11/17/2016	91.1	A	30
11/18/2016	87.4	A	30
11/19/2016	86.5	A	30
11/20/2016	85.5	A	30
11/21/2016	86.7	A	30
11/22/2016	88.6	A	30
11/23/2016	87.8	A	30
11/24/2016	85.8	A	30
11/25/2016	85.8	A	30
11/26/2016	86	A	30
11/27/2016	87.7	A	30
11/28/2016	89.6	A	30
11/29/2016	88.9	A	30
11/30/2016	86.9	A	30
12/1/2016	85.6	A	30
12/2/2016	85.2	A	30
12/3/2016	86.3	A	30
12/4/2016	91.6	A	30
12/5/2016	95	A	30
12/6/2016	91.7	A	30
12/7/2016	89.3	A	30
12/8/2016	87.2	A	30
12/9/2016	84.9	A	30
12/10/2016	86.7	A	30
12/11/2016	89.6	A	30
12/12/2016	87.7	A	30
12/13/2016	85.8	A	30
12/14/2016	83.3	A	30
12/15/2016	83.9	A	30
12/16/2016	88.7	A	30
12/17/2016	88.3	A	30
12/18/2016	84.6	A	30
12/19/2016	85.5	A	30
12/20/2016	86.4	A	30
12/21/2016	85.3	A	30
12/22/2016	82.1	A	30
12/23/2016	85	A	30
12/24/2016	86.9	A	30
12/25/2016	89.9	A	30
12/26/2016	90.9	A	30
12/27/2016	88.4	A	30
12/28/2016	86.6	A	30
12/29/2016	84.6	A	30
12/30/2016	85.5	A	30

**APPENDIX I –
SUMMARY OF ASR OPERATIONS
2006 - 2016**

Summary of ASR Operations 2006 - 2016

	Year of Operation										
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<u>Annual Volume:</u>											
Diverted	0.00	1218.15	987.13	556.04	320.83	0.00	156.42	1097.51	1051.45	3161.83	8184.44
Recharged	3.44	1081.64	922.23	521.78	316.03	0.00	115.79	1014.97	951.67	1890.40	3026.94
Redeveloped	0.00	5.44	10.30	3.74	1.69	0.00	2.11	5.19	21.43	60.19	23.34
Transmitted to City WTP	---	---	---	---	---	---	12.68	---	84.53	1047.66	4301.51
System Operations Water	0.00	136.51	64.90	34.25	4.79	0.00	28.90	110.48	109.39	272.21	922.56
<u>Cumulative Volume:</u>											
Diverted	0.00	1218.15	2205.28	2761.32	3082.15	3082.15	3238.57	4336.08	5387.52	8549.35	16733.80
Recharged	3.44	1085.08	2007.31	2529.10	2845.13	2845.13	2960.92	3975.90	4927.56	6817.97	9844.90
Percent of Diverted Water Recharged or Sent to Town	---	89%	91%	92%	92%	92%	92%	92%	93%	92%	85%
<u>Updated Model</u>											
Annual Recharge Credits Allocated	3.39	968.12	767.55	436.31	242.51	-69.89	54.13	738.20	813.79	1024.06	1394.04
Total Recharge Credits Allocated	3.39	971.50	1739.05	2175.36	2417.87	2347.98	2402.11	3140.31	3954.10	4978.16	6372.20
Percent of Metered Recharge Allocated as Credit	99%	90%	87%	86%	85%	83%	81%	79%	80%	73%	65%