

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-91391. Owner City of Boise, Public Works DepartmentPhone No. 208-384-3920Current address 150 N. Capitol Blvd., PO Box 500, Boise, ID 83701-05002. Examiner's name Terry Scanlan, P.E., P.G.EXAM DATE October 27, 20173. Accompanied by Jon Gunnerson, P.E.Email Jgunnerson@cityofboise.orgAddress Same as aboveRelationship to permit holder City Geothermal CoordinatorPhone No. 208-608-71734. Source Ground Water

tributary to _____

B. OVERLAP REVIEW1. Other water rights with the same place of use Overlaps addressed in attached narrative2. Other water rights with the same source and point of diversion None**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
Well 2		NE	NE	NW	11	3N	2E	Ada	Aerial Photo, Exam
Well 3		NE	NE	NW	11	3N	2E	Ada	Aerial Photo, Exam
Well 4		SW	NW	NE	11	3N	2E	Ada	Aerial Photo, Exam

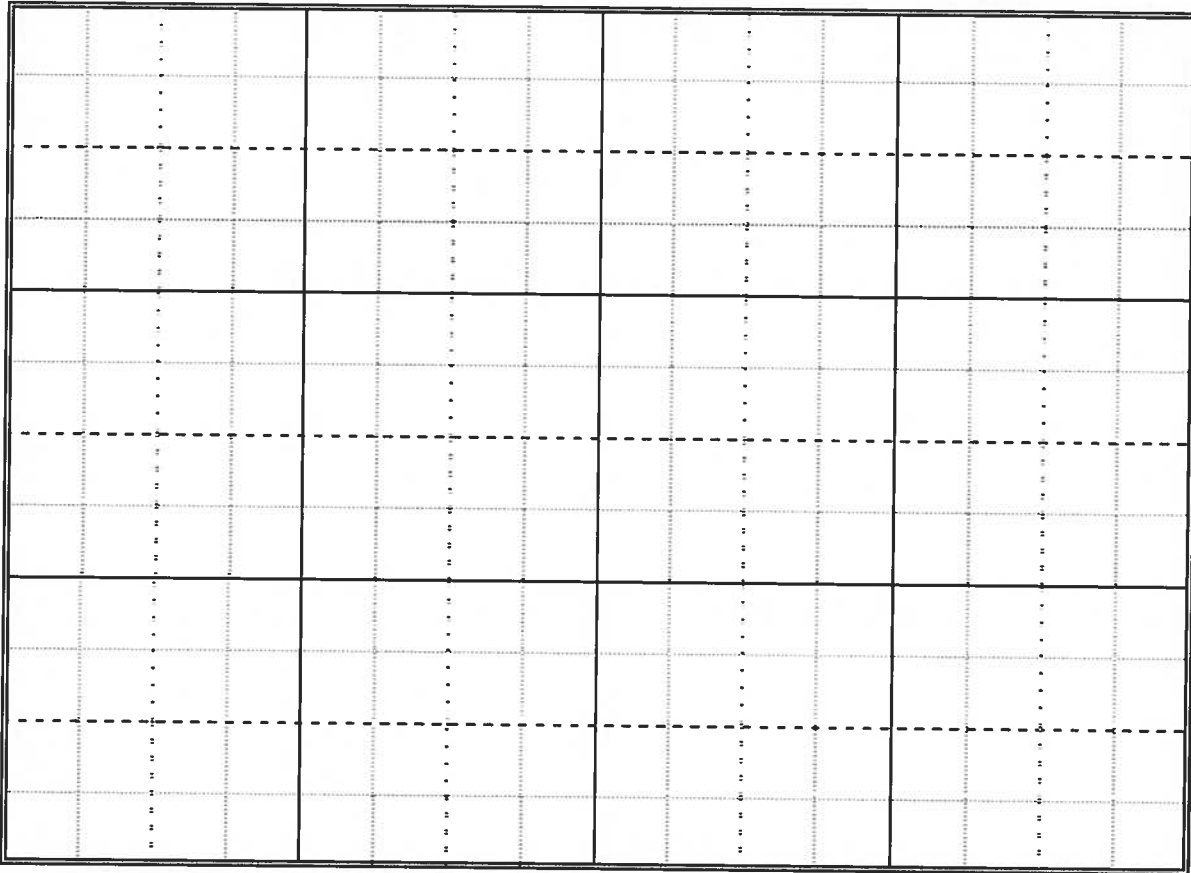
2. Place(s) of Use:

Method of determination GIS and City distribution system mapping

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

(see narrative and Attachments A and B for Place of Use Information)

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.



Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well 2	Yaskawa	125	00783111001	Unknown	8-inch
Well 3	Yaskawa	200	0071802103	Unknown	10-inch
Well 4	GE	50	23058465	Unknown	8-inch

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter	Mag	Fischer	10D1465	8709A2594B1	10-inch	unknown

2. **Measurements:** _____

Flow is measured continuously by SCADA system based on signal from the flow meter at the Well 2 well house. The flow meter measures combined flow from the three production wells.. Flow data are provided in Attachment D.

E. NARRATIVE/REMARKS/COMMENTS

Narrative attached.

Attachment A - Field Exam Maps and Place of Use Supplement

Attachment B - Service Area Maps and Place of Use Supplement

Attachment C - Well Driller Reports

Attachment D - 2017 Customer List

Attachment E - Intertie Agreements

Attachment F - Flow Rate and Volume Data

Attachment G - Heating Degree Day Data

Attachment H - Exam Photos

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

Production well flow meter reporting to SCADA system. Maximum recorded hourly average flow rate was 1695 gpm (3.78 cfs) from 07:37 to 08:36 on December 6, 2016. Maximum instantaneous flow rate was 1798 gpm (4.00 cfs) at 07:40 on December 6, 2016. System pumping capacity is approximately 8.9 cfs. See Attachment E.

Municipal diversion rate is estimated based on assumed filling rate for water trucks.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Total volume diverted in 2017 water year was 891.2 af. Adjusting for maximum HDD in past 50 years results in a adjusted volume of 369.3 Mgal (1,133.3 af), but volume as requested by City is limited to 310 Mgal (951.4 af) to maintain consistency with agreement with other users. Annual municipal use is estimated based on reported flows for filling water trucks and intertie flows to BWSWD; municipal volume is also included in heating volume. See narrative and attachments for details.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Heating	1/1	12/31	3.78	951.4
Municipal	1/1	12/31	1.00	0.5
Totals:			3.78	951.4

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

Field Examiner's Signature

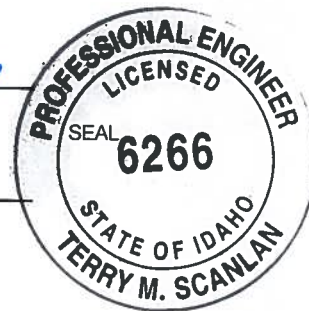
Terry M. Scanlan

Date

11/30/2017

Reviewer

Date



B1. Place of Use Overlap Review

Heating & Municipal Water Rights Found within Recommended POU Boundary for Permit 63-9139								
Water Right	Status	Priority Date	Owner	Water Use	Source	Div. Rate (cfs)	Div. Vol. (afa)	Geothermal Aquifer?
63-33245	PENDING LICENSE	3/23/2009	UNION BLOCK ASSOCIATES LLC	HEATING	GROUND WATER	0.41		no
				COOLING		0.15		
63-12593	LICENSE	7/28/2000	IDANHA ASSOCIATES LLC	COOLING	GROUND WATER	0.33	239	no
				HEATING	GROUND WATER			
63-5073	DECREE	11/5/1894	BOISE WARM SPRINGS WATER DISTRICT	HEATING	GROUND WATER	5.1	1039	yes
				DOMESTIC				
63-9160	PERMIT	6/27/1978	BOISE WARM SPRINGS WATER DISTRICT	HEATING	GROUND WATER	4.0		yes
				DOMESTIC				
63-9138	PERMIT	4/17/1978	CITY OF BOISE	HEATING, COOLING, IRRIGATION, COMMERCIAL, FISH PROP	GROUND WATER	8.0		yes
63-9341	DECREE	2/6/1980	STATE OF IDAHO	HEATING	GROUND WATER	2.19	680.1	yes
63-9890	DECREE	4/19/1982	DEPT OF VETERANS AFFAIRS MEDICAL CENTER	HEATING	GROUND WATER	1.43	628.6	yes
63-11993	LICENSE	2/12/1993	FRANKLIN PLAZA ASSOCIATES LLC	HEATING	GROUND WATER	0.17	9.2	no
				COOLING			7.9	
63-29710	DECREE	11/26/1910	VETERANS ADMINISTRATION MEDICAL CENTER	HEATING	GROUND WATER	0.13	67	
63-34326	PERMIT	12/9/2016	CITY OF BOISE	HEATING	GROUND WATER	12	230	yes
63-33454	LICENSE	11/22/2010	CITY OF BOISE	MUNICIPAL	GROUND WATER	0.15		no
SEVERAL		VARIOUS	SUEZ	MUNICIPAL	GROUND WATER	NOT CALCULATED		no
					BOISE RIVER			

The place of use overlap review was conducted by searching IDWR's online water rights database using spatial and text-based search tools. As advised by the Department, only water rights authorizing heating and municipal uses within the recommended place of use for permit 63-9139 were considered for purposes of overlap analysis.

C.2. Place of Use

The places of use served at the time of the beneficial use field exam are described on maps and a place of use supplement in Attachment A.

The place of use for permit 63-9139 is the service area for the City of Boise Geothermal Heating System. The service area map was updated by letter dated July 13, 2015 included in Attachment B. The service area boundary is shown relative to the Public Land Survey in Attachment B. A place of use supplement description is included in Attachment B.

E. Narrative/Remarks/Comments

Diversion Points, Distribution System, and Discharge Points. Three production wells (Wells 2, 3, and 4) equipped with electric-powered line-shaft turbine pumps supply a geothermal heating district operated by the City of Boise. Water from Wells 3 and 4 are pumped to the Well 2 well house, where supply from the three wells are combined and flow through a common flow meter, before discharging into the geothermal distribution system. Water from the wells typically ranges in temperature from 176°F to 178°F and is supplied to individual customers within the geothermal heating area through buried distribution piping. Well and piping locations are shown in Attachment A.

Customers withdraw heat from the water through heat exchangers, and return the spent water back to a geothermal collection system. Some customers utilize the lower-temperature spent water from the collection system (110°F to 130°F) through heat pumps or heat exchangers prior to the collection water being discharged. Collection system temperatures can be maintained above 110°F through cross-over valves connected to the supply system. The cross-over locations are shown in Attachment A.

The majority of the spent water is discharged by reinjection into the geothermal aquifer through a deep injection well located in the NWNWSE of Section 10, T3N, R2E. The injection well is authorized under injection well permit 63-W-135. If the injection well is off line for any reason, water can be discharged to an infiltration basin located near the production wells in the NENW of Section 11, T3N, R2E, or to a Boise River outfall located in the SWNE of Section 9, T3N, R2E under NPDES discharge permit ID-002548-8.

Well and Pump Information. Well construction information is provided in Attachment B. Pump performance curves were not available. Motor information was obtained from the nameplates.

Water Uses. Geothermal system customers are billed for water use based on individual flow meters. A customer list is provided as Attachment C.

The City maintains interties with Boise Warm Springs Water District (BWSWD) and with the State of Idaho heating systems. Interties locations are shown in Attachment A. The interties are used for emergency purposes only. Copies of the intertie agreements are provided in Attachment D.

- The City supplied 415,000 gallons BWSWD in the 2017 water year; from 2007 to 2016, average intertie delivery to BWSWD was less than 10,000 gallons per year. The place of use for BWSWD is the place of use authorized under decreed water right 63-5073, which is partially overlapped by the place of use recommended for this permit. Uses by BWSWD include space heating and heating-related municipal uses (domestic water supply, hot tubs, swimming pools).
- The City did not use the intertie with the State of Idaho heating system during the 2017 water year. The water is used for heating purposes only. The place of use for the State of Idaho heating system is the authorized place of use for decreed water right 63-9341. This place of use is overlapped by the place of use recommended for this permit.

The permit authorizes uses for heating, cooling, irrigation, and municipal purposes.

- The vast majority of the use is for space heating. There is also pre-heating of potable hot water.
- The permit holder is not aware of any irrigation or cooling uses.
- Municipal uses include wastewater treatment processes (hot water is used at the municipal wastewater treatment plants to clean pipes and stimulate wastewater treatment processes), and storm drain maintenance (hot water is used to melt accumulated ice covering storm drain inlets). The water used at the treatment plants is loaded into trucks within the recommended place of use and transported to wastewater treatment plants located in SE ¼ of Section 32, T4N, R2E and E ½ Section 22, R4N,

R1E. The annual volume for these municipal uses were 0.26 acre feet and 0.18 acre feet in Water Years 2016 and 2017, respectively. The municipal uses all utilize the heat value from the water and could be authorized as either municipal use or heating use. In past years, geothermal water was used for cleaning sewer lines within the City, but this use has been discontinued. The permit approval that includes municipal use and its priority date pre-date by several years the enactment of the statute excluding low temperature geothermal water use from municipal uses.

Diversion Rate. Diversion rate and volume are measured at the flow meter in the Well 2 well house. Diversion data are recorded by the SCADA system at 1-minute intervals.

- Recommended diversion rate for licensing is the peak-hour diversion rate of 3.78 cfs which occurred from 07:37 to 0:36 on December 6, 2016. The instantaneous flow rates for each minute during the peak hour are listed in Attachment E.
- Peak recorded diversion rate for the system during the permit development period was 4.00 cfs (1798 gpm) based on the highest instantaneous diversion rate recorded by the City SCADA system (December 6, 2016 at 07:40).
- System capacity is approximately 8.9 cfs (4000 gpm) based on approximate capacities of 1200 gpm at Well 2, 2000 gpm at Well 3, and 800 gpm at Well 4.

Hourly SCADA data for 2017 and peak hour minute data are provided as Attachment E.

Diversion rate recommended for municipal use is 1.0 cfs based on assumed fill rate for water trucks.

Diversion Volume. Diversion volumes are monitored and reported based on Water Year (WY, October through September). The highest water-year diversion volume for the City system was in the 2017 Water Year (October 2016 through September 2017) with a volume of 292.4 Mgal (897.3 af). Weekly volumes for WY2017 are summarized in Attachment E. Also provided in Attachment E are instantaneous flow rates by hour for WY2017.

Heating degree days in WY2017 totaled 5533, which was 79.2% of the maximum annual HDD (6989 for the 1985 Water Year) recorded in the past 50 years (Attachment F). Adjusting the WY2017 diversion volume based on the 50-year maximum HDD results in a theoretical requirement of 369.3 Mgal (1,133.3 af). Adjusted diversion volume was greatest in the WY2015 at 374.0 Mgal (1,147.8 af). HDD adjusted volumes for the installed City system to serve existing connected customers for WY 2012, 2013, 2014, and 2016 also exceeded 310 Mgal, as shown in the Attachment E chart "2000-2017 Adjusted Diversion Volumes Based on 50-year Maximum Heating Degree Day."

These volumes and the installed capacity of the City system support a recommended diversion volume for licensing of at least 374 Mgal. Also, City system development and diversion volume under Permit 63-9139 has been constrained for many years to no more than 310 Mgal/water-year by the 1988 IDWR Boise Front Low Temperature Geothermal Resource Ground Water Management Area Moratorium Order, as most recently amended and extended to May 5, 2019 by the IDWR April 29, 2014 Final Order Extending the Moratorium, and by a stipulated agreement among the City and other interested water right holders and accepted by IDWR in the contested Matter of Petition for Order Authorizing Additional Use Under Existing Permits and

Moratorium Order for Water Rights 63-9138 & 63-9139 in the Name of the City of Boise. To maintain consistency with the stipulated agreement, as amended, the recommended annual diversion volume for licensing as requested by the City is 310 Mgal or 951.4 afa.

Diversion volume recommended for municipal purposes is 0.5 acre foot based on measured volume for filling water trucks and assuming a portion of the water delivered through the intertie to BWSWD is used for heating-related municipal uses. This 0.5 acre-foot municipal volume is also included in the recommended heating volume.

Attachment A - Field Exam Maps and Place of Use Supplement

Attachment B - Service Area Maps and Place of Use Supplement

Attachment C - Well Driller Reports

Attachment D - 2017 Customer List

Attachment E - Intertie Agreements

Attachment F - Flow Rate and Volume Data

Attachment G - Heating Degree Day Data

Attachment H - Exam Photos

Attachment A - Field Exam Maps and Place of Use Supplement

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Ident. No. 63-9139

Point of Diversion/Place of Use Supplement

Attachment to: ☐ Application for Permit to Appropriate Water ☐ Application for Transfer** ☐ Adjudication Claim
☐ Application for Amendment of Permit ☒ Beneficial Use Field Report ☐ Statutory Claim

Location of points of diversion (POD):

New POD?	Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or well/diversion tag #
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										

Description of place of use (POU): This is the place of use found at the time of the Beneficial Use Field Exam

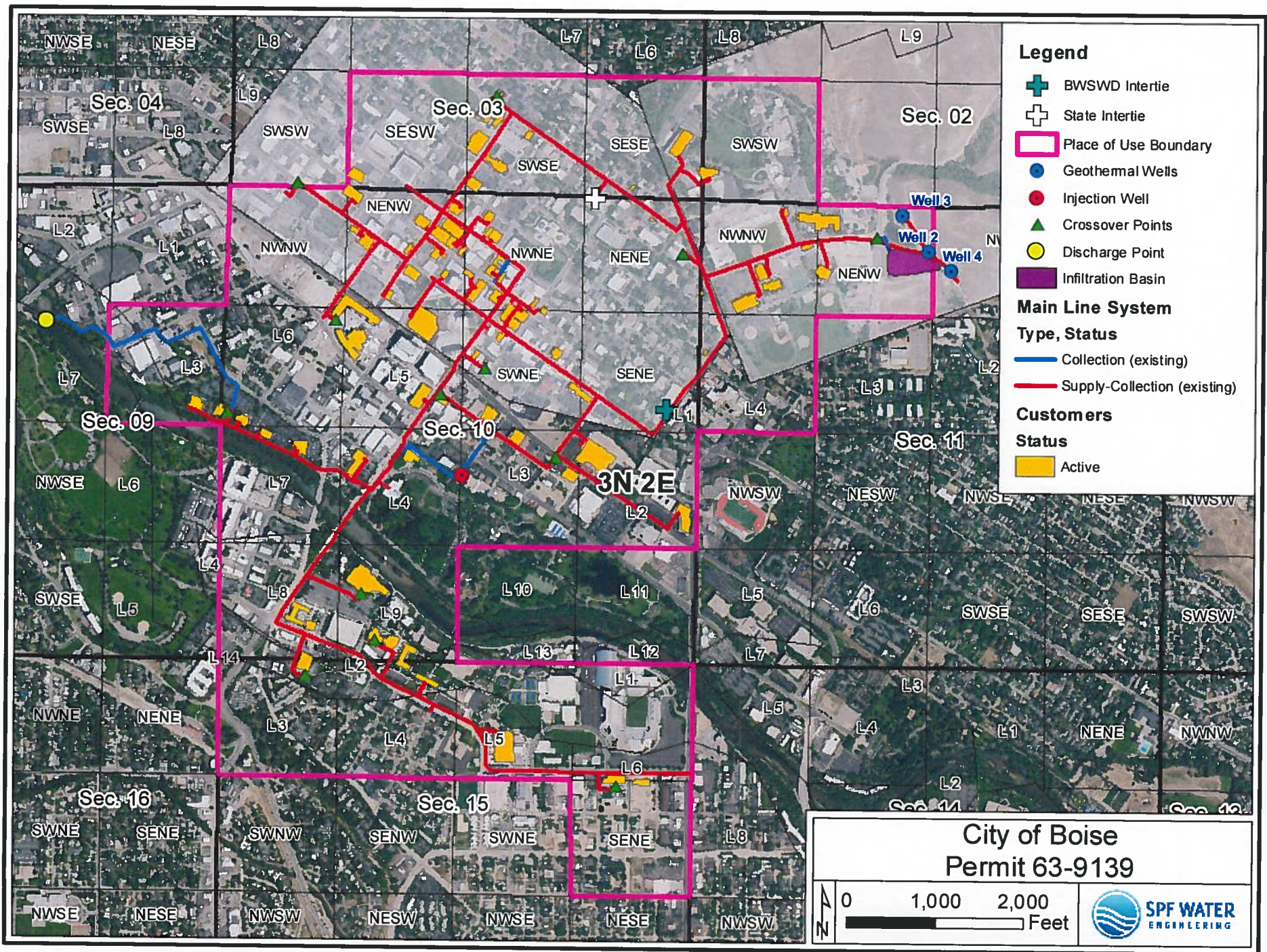
- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below.

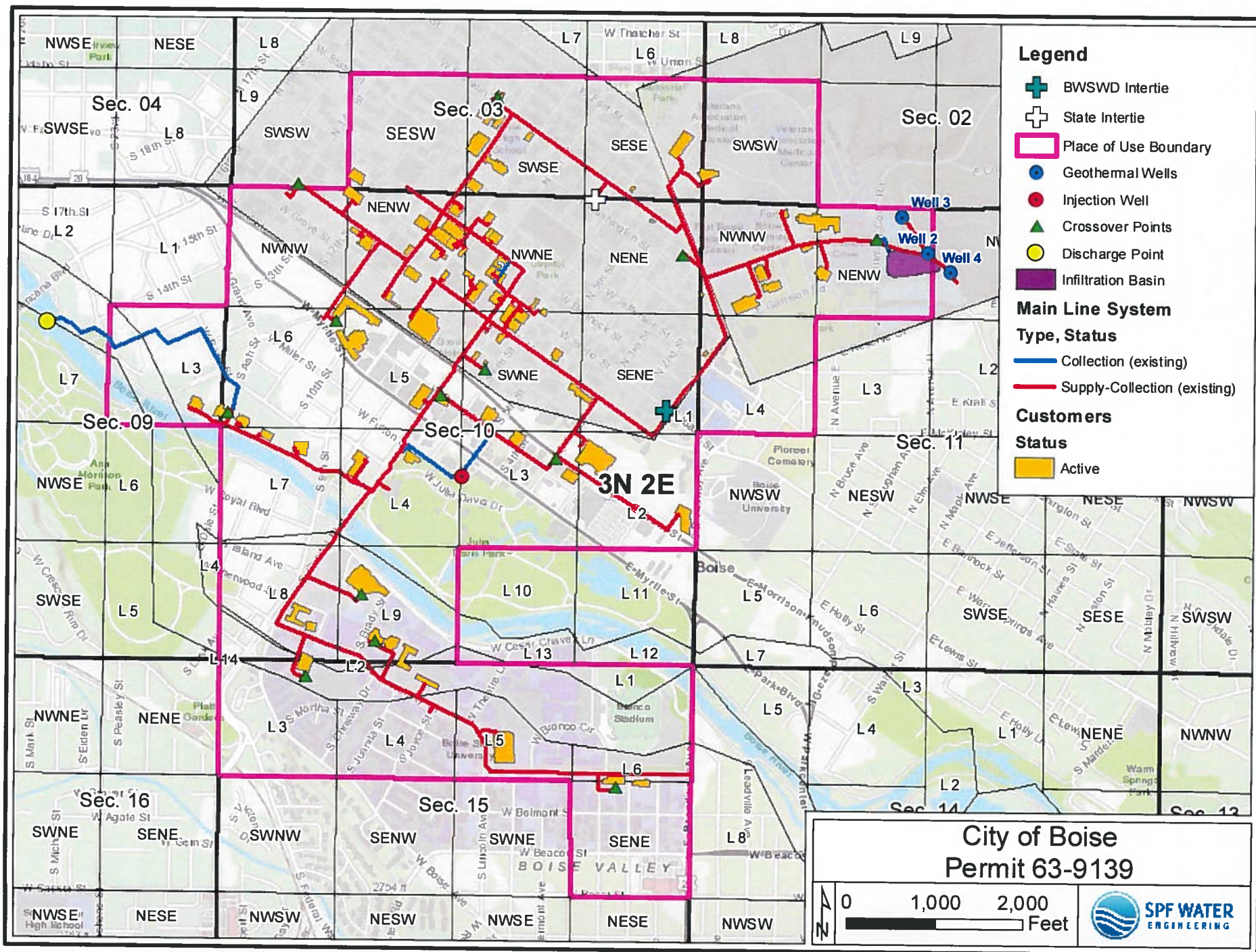
TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	2E	2											X						
		3												X			X	X	
		9				X													
						L3													
		10	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
					L3		L5	L6	L6	L5	L4	L7	L8	L9	L2	L3			
		11					X	X	X										
		11							L4										
		15	X	X		X	X	X											
		15	L6	L5			L2	L2											

**If this supplemental sheet is for an Application for Transfer, insert this page into Part 1B of the application.

Page _____

X = Heating and Municipal Uses





Attachment B - Service Area Maps and Place of Use Supplement

RECEIVED

JUL 14 2015

**DEPARTMENT OF
WATER RESOURCES**

July 13, 2015

Robert A. Maynard
RMaynard@perkinscoie.com

VIA U.S. MAIL

Garrick Baxter
Water Resources Section Chief
Idaho Department of Water Resources
Office of the Attorney General
700 West Jefferson Street
PO Box 83720
Boise, Idaho 83720-0010

Re: City of Boise Geothermal Water Right Permit 63-9139; Updated Map of Service Area

Dear Garrick:

As follow up to the discussion at our March 18, 2015 annual meeting with you and other representatives of the Idaho Department of Water Resources (the "**Department**") and other parties under the Second Stipulated Agreement for Settlement In Part of Petition and Stay of Further Proceedings ("**Agreement**"), in the Matter of Petition for Order Authorizing Additional Use Under Existing Permits and Moratorium Order for Water Rights 63-6138 & 63-9139 in the Name of the City of Boise ("**Petition Proceeding**"), enclosed is an updated map depicting the current City geothermal water distribution and collection system and buildings and area served by the system.

Please consider the map as updated information to supplement the original map and remarks regarding the service area in the Application for Permit 63-9139 as approved and subsequently amended by the Department, so that the Permit file reflects and the Department and the Agreement/Petition Proceeding parties have accurate information regarding the current, as developed extent of the City system and area served under Permit 63-9139. The enclosed map is intended to be a minor correction, clarification and update that is consistent with the original map and remarks in the approved Application for Permit.

This letter and attached map are not intended as an application for amendment of the Permit, and we look forward to confirming the final service area place of use for water right 63-9139 as part of the proof of beneficial use and license process that we anticipate, consistent with the discussion at the March 18, 2015 meeting. In response to concerns expressed to me by the counsel for one of the Agreement/Petition Proceeding parties about expansion of the service area boundary beyond that depicted on the enclosed map, the City does not plan to submit any further map regarding the Permit 63-9139 service area that would depict such an expansion or otherwise propose such an expansion under Permits 63-9139 or 63-9138.

Garrick Baxter
July 13, 2015
Page 2

I will remain available to address any questions or concerns that the Department or any of the Agreement/Petition Proceeding parties may have.

Very truly yours,



Robert A. Maynard

RAM:kg
Enclosure
Map

cc (with encl.): Dana Hofstetter for Edwards Family LLC
Charles Honsinger for Terteling & Co.
Steve Schuster for Idaho Department of Lands
Bruce Smith for Boise Warm Springs Water District
Julie Weaver for Idaho Department of Administration

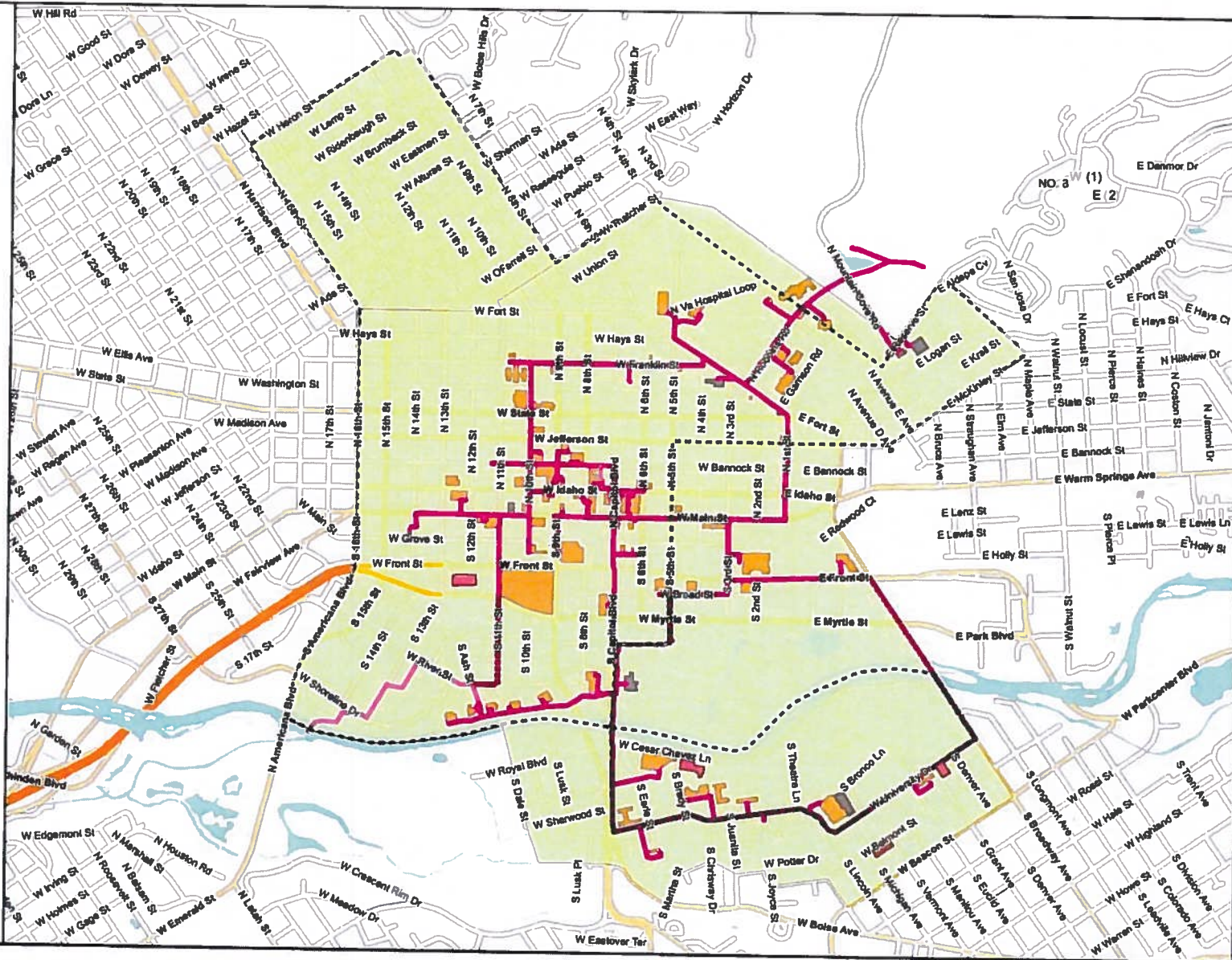
**City of Boise
Water Right Permit 63-9139
Updated Service Area
Geothermal Heating Use**



This map is made in part from data prepared or compiled by Ada County. Ada County shall not be liable for inaccuracy or omission of this map or

Date: 5/13/2015

© 1996 by the American Psychological Association 0893-3200/96/\$12.00 DOI: 10.1037/0893-3200.10.4.571



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Ident. No. 63-9139

Point of Diversion/Place of Use Supplement

Attachment to: ☐ Application for Permit to Appropriate Water ☐ Application for Transfer** ☐ Adjudication Claim
☐ Application for Amendment of Permit ☒ Beneficial Use Field Report ☐ Statutory Claim

Location of points of diversion (POD):

New POD?	Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or well/diversion tag #
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										
☐ Yes										

Description of place of use (POU): Service Area for Boise Geothermal Heating System - Permit 63-9139

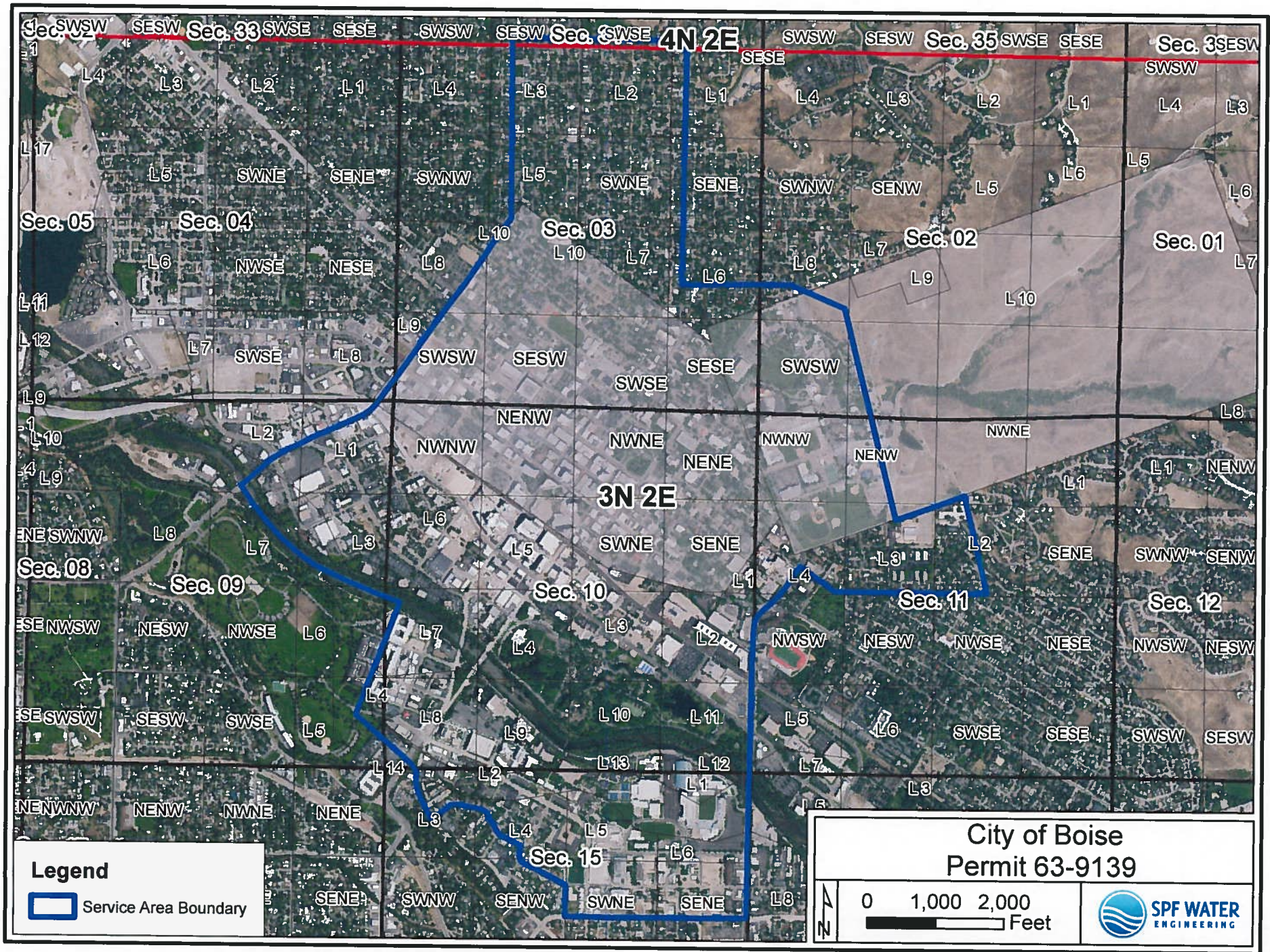
- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	2E	2										X	X	X					
		2										L8							
		3	X	X	X	X	X			X	X	X	X	X	X	X	X	X	
			L1	L2			L3			L5	L10	L8			L6	L7			
		9	X	X	X	X									X			X	
			L1	L2	L7	L3									L3L4			L4	
		10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		10			L3	L1	L5	L6	L6	L5	L4	L7	L8	L4	L2	L3	L10	L11	
		10				L2					L9	L8	L14	L9			L13	L12	
		11					X	X	X										
		11							L4										
		15	X	X		X	X	X											
		15	L6	L5			L2	L2											
4N	2E	34																	

**If this supplemental sheet is for an Application for Transfer, insert this page into Part 1B of the application.

Page _____

X = Heating and Municipal Uses



Attachment C

Well Driller Reports

WELL DRILLER'S REPORT

T03N R02E Sec. 11 NWNWNE

State law requires that this report be filed with the Director, Department of Water Resources, within 30 days after the completion or abandonment of the well.

By: mciscell 2012-09-05

1. WELL OWNER

Name Boise Geothermal Ltd.
Address P.O. Box 500 Boise, ID 83701
Owner's Permit No. _____

7. WATER LEVEL

Static water level flow feet below land surface
Flowing? ☒ Yes ☐ No G.P.M. flow _____
Temperature _____ F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☒ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK

Well #2 Military Reserve Park
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

8. WELL TEST DATA Unknown

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

3. PROPOSED USE

Geothermal
☐ Domestic ☐ Irrigation ☐ Test ☒ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
16	0	40	Fill & sandstone		X
14 3/4	40	102	Siltstone gry		X
	102	147	Sandstone w/clay		X
	147	218	Siltstone-claystone		X
	218	330	Basalt w/clay		X
	330	360	Sandstone coarse		X
	360	390	Basalt gry-blk w/clay		X
	390	445	Sandstone w/clay		X
	445	475	Clay red-brn		X
	475	530	Sandstone-siltstone		X
	530	620	Basalt brn-blk w/clay		X
	620	658	Sandstone w/pyrite & clay		X
9 7/8	658	855	Volcanic rock altered & broken-loss circulation at 668' & 757'		X
	855	880	Sandstone coarse TD		X

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

14 3/4 inches Diameter of hole 650 feet Total depth 880 feet
Casing schedule: ☒ Steel ☐ Concrete
Thickness Diameter From To
.250 inches 16 inches 0 feet 40 feet
.330 inches 12 inches 0 feet 642 feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches
Number From To
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 40 Material used in seal ☒ Cement grout

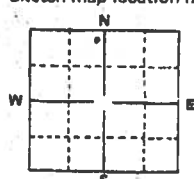
☐ Puddling clay ☐ Well cuttings

Sealing procedure used ☐ Sherry pit ☒ Temporary surface casing

pumped ☐ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.



MICROFILMED

Subdivision Name _____

Lot No. _____ Block No. _____

County Ada

NE 1/4 NW 1/4 Sec. 11 T. 3 N. R. 2 E. 10

10.

Work started 4/17/81 finished 5/08/81

11. DRILLERS CERTIFICATION

Firm Name Holman Drilling Corp. Firm No. 108

E. 3410 Ninth Ave.

Address Spokane, WA 99202 Date 3-1-82

Signed by (Firm Official) Arnold E. Holman PRES.

and

(Operator) Arnold E. Holman

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30
days after the completion or abandonment of the well.

1. WELL OWNER

Name Boise Geothermal Ltd.
Address P.O. Box 500 Boise, ID 83701
Owner's Permit No. _____

7. WATER LEVEL

Static water level flow feet below land surface
Flowing? ☒ Yes ☐ No G.P.M. flow _____
Temperature _____ °F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☒ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK

Well # 3 Military Reserve Park
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)8. WELL TEST DATA Unknown☐ Pump ☐ Baller ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

3. PROPOSED USE

Geothermal
☐ Domestic ☐ Irrigation ☐ Test ☒ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	85126 Water	
	From	To		Yes	No
16	0	40	Soil sand/sandstone		X
3/4	40	70	Sandstone granitic		X
	70	215	Clay w/qtz & sand		X
	215	254	Clay & sandstone		X
	254	275	Siltstone hard-fractured		X
	275	330	Basalt gray-blk w/pyrite		X
	330	400	Clay gray w/pyrite		X
	400	410	Basalt gray w/pyrite		X
	410	490	Clay altered basaltic to siltstone or claystone		X
	490	530	Claystone gray w/ some pyrite & qtz		X
	530	545	Volcanic rock w/pyrite & clayey zones		X
	545	665	Clay gray-grn w/chips of volcanic rock		X
9 7/8	665	860	Volcanic rock Rhyolite		X
	860	885	Clay multicolored		X
	885	906	Sandstone med to coarse		X
	906	930	Sandstone multicolored		X
	930	1045	Clay multicolored		X
	1045	1720	Volcanic rock mltcolored flinty glassy w/pumice		X
	1720	1897	Sandstone gray w/ granitic sand TD		X

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 9 7/8 inches Total depth 1897 feet
Casing schedule: ☒ Steel ☐ Concrete

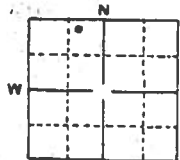
Thickness	Diameter	From	To
250 inches	16 inches	0 feet	40 feet
330 inches	12 inches	0 feet	653 feet
250 inches	8 inches	640 feet	1050 feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☒ Yes ☐ NoHow perforated? ☒ Factory ☐ Knife ☐ Torch
Size of perforation 1/8 inches by 3 inches

R p/ft	Number	From	To
6	p/round	perforations 680 feet	840 feet
8		perforations 886 feet	901 feet
		perforations	

Well screen installed? ☐ Yes ☒ NoManufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feetGravel packed? ☒ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feetSurface seal depth 40 Material used in seal ☒ Cement grout
☐ Puddling clay ☐ Well cuttings
Sealing procedure used ☐ Shurry pit ☒ Temporary surface casing
pumped ☐ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with _____

Subdivision Name _____
Lot No. _____ Block No. _____County AdaNE 1/4 NW 1/4 Sec. 11 T. 3 N. 10 R. 2 E. 10

10.

Work started 5/15/81 finished 6/09/81

11. DRILLERS CERTIFICATION

Firm Name Holman Drilling Corp. Firm No. 08
E. 3410 Ninth Ave.
Address Spokane, WA 99202 Date 3-1-82
Signed by (Firm Official) Arnold E. Holman
and Arnold E. Holman PRES
(Operator)

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water
days after the completion or abandonment of the well.

Location Corrected by IDWR To:

T03N R02E Sec. 11 SWNWNE

By: mciscell 2012-08-28

1. WELL OWNER

Name Boise Geothermal Ltd.
Address P.O. Box 500 Boise, ID 83701
Owner's Permit No. _____

2. NATURE OF WORK

Well # 4 Military Reserve Park
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

Geothermal
☐ Domestic ☐ Irrigation ☐ Test ☒ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

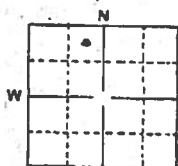
5. WELL CONSTRUCTION

Diameter of hole 14 3/4 inches Total depth 610 feet
Casing schedule: ☒ Steel ☐ Concrete
Thickness Diameter From To
250 inches 16 inches + 0 feet 40 feet
330 inches 12 inches 0 feet 610 feet
250 inches 8 inches 580 feet 1055 feet
____ inches _____ feet _____ feet
____ inches _____ feet _____ feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☒ Yes ☐ No
How perforated? ☒ Factory ☐ Knife ☐ Torch
Size of perforation 1/8 inches by 3 inches
3 R p/f Number From To
18 p/round perforations 720 feet 800 feet
____ perforations 850 feet 870 feet
____ perforations 900 feet 1040 feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 40 Material used in seal ☒ Cement grout
☐ Pudding clay ☐ Well cuttings
Sealing procedure used ☐ Sherry pit ☒ Temporary surface casing pumped
☐ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.



MICROFILMED

Lot No. _____ Block No. _____

County Ada

NE 1/4 NW 1/4 Sec. 11, T. 3 N 2 R. 2 E 28

7. WATER LEVEL

Static water level flow feet below land surface
Flowing? ☒ Yes ☐ No G.P.M. flow _____
Temperature _____ F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☒ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA Unknown

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

9. LITHOLOGIC LOG

85129

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
16	0	40	Top soil sandy		X
14 3/4	40	83	Sand & clay some qtz		X
	85	95	Clay w/sandstone		X
	95	145	Sandstone-siltstone w/ qtzite & pyrites		X
	145	200	Basalt grn to grn-blk		X
	200	225	Volcanic rock		X
	225	270	Clay w/sand & basalt chips		X
	270	285	Sandstone w/some clay		X
	285	391	Clay multicolored		X
	391	444	Sandstone w/clay		X
	444	482	Sand & sandy clay		X
	482	493	Sandy clay grn & gry		X
	493	510	Sandstone? hard rock granular		X
	510	552	Clay ash soapstone		X
	552	610	Volcanic rock fractured		X
9 7/8	610	780	Volcanic rock		X
	780	900	Sand & clay		X
	900	1040	Sand & gravel		X
	1040	1086	Basalt medium		X
	1086	1103	Sand TD		X

10.

Work started 8/25/81 finished 9/15/81

11. DRILLERS CERTIFICATION

Firm Name Holman Drilling Corp. Firm No. 108
E. 3410 Ninth Ave.
Address Spokane, WA 99202 Date 3-1-82
Signed by (Firm Official) Arnold E. Holman
and Arnold E. Holman PRES
(Operator)

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

PAGE #1
FORWARD WHITE COPY TO WATER RESOURCES

Attachment D
2017 Customer List

- 1 WASHINGTON/MUTUAL BLDG 199 N CAPITOL BLVD
- 2 BOISE CITY HALL ANNEX 625 W IDAHO ST
- 3 BOISE CITY HALL #1 150 N CAPITOL BLVD
- 4 BOISE CITY HALL #2 150 N CAPITOL BLVD
- 5 OLD TELEPHONE BLDG 609 W MAIN ST
- 6 PERRAULT FRITCHMAN BLDG 625 W MAIN ST
- 7 FRONTON BLDG 619 W GROVE ST
- 8 UBERAUGA HOUSE 607 W GROVE ST
- 9 CENTRAL STATION 200 N 6TH ST
- 10 EAGLES CENTER 602 W IDAHO ST
- 11 UNION BLOCK BLDG 720 W IDAHO ST
- 12 FIDELITY BLDG 242 N 8TH ST
- 13 IDAHO BLDG 280 N 8TH ST
- 14 GARRO BLDG 816 W BANNOCK ST
- 15 JEFFERSON PLACE 350 N 9TH ST
- 16 MARSH SEDGWICK BLDG 225 N 9TH ST
- 17 ALEXANDER BLDG 100 N 9TH ST
- 18 ALASKA CENTER 1020 W MAIN ST
- 19 HOTEL 43 981 W GROVE ST
- 20 CONVENTION CENTER 850 W FRONT ST
- 21 CAPITOL TERRACE 100 N 8TH ST
- 22 BOISE CITY BANK BLDG 805 W IDAHO ST
- 23 MALLARD BLDG 1161 W RIVER ST
- 24 ARID CLUB 1137 W RIVER ST
- 25 GOLDEN EAGLE 1101 W RIVER ST
- 26 FOREST RIVER VIII SDWK 1101 W RIVER ST
- 27 BLUE HERON 1087 W RIVER ST
- 28 BOISE CITY LIBRARY 715 S CAPITOL BLVD
- 29 BOISE ART MUSEUM 670 W JULIA DAVIS DR
- 30 INDUSTRIAL ADMIN 317 W MAIN ST
- 31 BOISE WARM SPRINGS INTERTIE W IDAHO ST & N 1ST
- 32 BOISE CITY FIRE STATION #1 707 E RESERVE ST
- 33 BOISE CITY ARMORY 801 E RESERVE ST
- 34 IDAHO ELKS REHAB HOSPITAL 600 N ROBBINS RD
- 35 BOISE SENIOR CENTER 690 N ROBBINS RD
- 36 FORT BOISE COMMUNITY CNTR 700 N ROBBINS RD
- 37 IDAHO VETERANS HOME 320 N COLLINS RD
- 38 ST LUKES ANNEX/GRAND OAKS 316 W WASHINGTON ST
- 39 T V MIDWIVES 207 W WASHINGTON ST
- 40 ELKS HOSPITAL ANNEX 100 W STATE ST
- 41 ST LUKES PERSONNEL 102 W JEFFERSON ST
- 42 BOISE HIGH SCHOOL 1010 W WASHINGTON ST
- 43 BUSH/DAVIS HOUSE 1020 W FRANKLIN ST
- 44 AMERICAN LINEN (VACANT) 1402 W GROVE ST
- 45 IDAHO POWER BLDGS 1221 W IDAHO ST
- 46 FIRST PRESB CHURCH 950 W STATE ST
- 47 CORNERSTONE BLDG 913 W RIVER ST

48 FEDERAL BLDG 550 W FORT ST
49 YMCA 1050 W STATE ST
50 EMPIRE BLDG 205 N 10TH ST
51 ADA COUNTY COURT HOUSE 200 W FRONT ST
52 USGS/BOR BLDG 230 N COLLINS RD
53 *VELTEX BLDG 420 W MAIN ST*
54 IDAHO WATER CENTER 322 E FRONT ST
55 9TH & BANNOCK BLDG 901 W BANNOCK ST
56 *PLAZA 121 121 N 9TH ST*
57 *GEM NOBLE BLDG 1000 W MAIN ST*
58 *HOFF BLDG 802 W BANNOCK ST*
59 HAMPTON INN 495 S CAPITOL BLVD
60 MCCARTY BLDG 204 N 9TH ST
61 BANNER BANK BLDG 950 W BANNOCK ST
62 IDAHO INDEPENDENT BANK 401 W FRONT ST
63 DEPT OF LAND 954 W JEFFERSON ST
64 STATE INTERTIE UNDEFINED
65 DEPT VETERAN'S AFFAIRS 444 W FORT ST
66 ID VET ADMN SERVICES 351 COLLINS RD
67 M&M COURT REPORTING 421 W FRANKLIN ST
68 CAP CITY CHRISTIAN CHURCH 615 N 9TH
69 IDAHO CONSERVATION LEAGUE, 710 N 6TH ST.
70 VARIOUS HYDRANT USERS MTN COVE RD
71 USGS NO 3 BLDG 230 N COLLINS RD BLDG 3
72 CONCORDIA LAW SCHOOL 501 W FRONT ST
73 MBEB 2360 W UNIVERSITY DR
74 MORRISON CENTER 2201 CESAR CHAVEZ LN
75 MULTI PURPOSE CLASSRM BLDG 2110 W UNIVERSITY DR
76 INTERACTIVE LEARNING CENTER 2120 W UNIVERSITY DR
77 MATH AND GEOSCIENCES BLDG 2000 W UNIVERSITY DR
78 VIVARIUM 2249 W UNIVERSITY DR
79 ADMINISTRATION BLDG 1910 W UNIVERSITY DR
80 STUDENT UNION BLDG 1700 W UNIVERSITY DR
81 ERB BLDG 1295 W UNIVERSITY DR
82 ONE CAPITAL CENTER 999 W MAIN ST
83 2ND & BROAD 200 W BROAD ST
84 OWYHEE PLAZA 1109 MAIN ST
85 JUMP 1000 W MYRTLE ST
86 SIMPLOT OFFICE BLDG 1099 W FRONT ST
87 BSU ALUMNI CENTER 1173 W UNIVERSITY DR
88 *STATE HISTORICAL MUSEUM 610 W JULIA DAVIS DR*
89 *RESIDENCE INN BY MARRIOTT 400 S CAPITOL BLVD*
90 ATHLOS ACADEMY 918 W IDAHO ST
91 BSU FINE ARTS BUILDING 1105 S EARLE ST (POTENTIAL)

Note: Collection system users in italics.

Attachment E
Intertie Agreements



Neal S. Oldemeyer, P.E.
Director

Boise City Hall
150 N. Capital Boulevard

Mailing Address
P. O. Box 500
Boise, Idaho 83701-0500

Phone
208/384-3900

Fax
208/433-5650

TDD/TTY
800/377-3529

Web
www.cityofboise.org

Mayor
David H. Bieter

City Council
President
David Eberle

Council Pro Tem
Maryanne Jordan

Vernon L. Bisterfeldt
Elaine Clegg
Alan W. Shealy
Jim Tibbs

Public Works

December 10, 2009

Doug Lindley
Boise Warm Springs Water District
2440 E. Old Penitentiary Road
Boise, ID 83712

RE: Geothermal Agreement for Interconnection of Boise City and Boise Warm Springs
Water District Geothermal Systems

Dear Mr. Lindley:

Please find attached your copy of the above-referenced agreement which has been executed by the City of Boise. Thank you for your time and attention to this matter. We very much look forward to working with you to put the Intertie in working condition.

Sincerely,

Kent A. Johnson, P.E.
Geothermal Coordinator

KAJ/cvs

Attachment: Geothermal Intertie Agreement

c: ~~SF Geothermal Operations~~

I:\USERS\KJOHNSON\msoffice\GEOTHERMAL\Geothermal CUSTOMERS\BWSWD Board Interconnect doc

RESOLUTION 20733

BY THE COUNCIL:

BISTERFELDT, CLEGG, EBERLE,
JORDAN, SHEALY AND TIBBS

A RESOLUTION APPROVING A GEOTHERMAL AGREEMENT BY AND BETWEEN THE CITY OF BOISE CITY (PUBLIC WORKS DEPARTMENT) AND THE BOISE WARM SPRINGS WATER DISTRICT FOR THE INTERCONNECTION OF THE BOISE CITY AND BOISE WARM SPRINGS WATER DISTRICT GEOTHERMAL SYSTEMS; AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE AND ATTEST SAID GEOTHERMAL AGREEMENT ON BEHALF OF BOISE CITY; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF BOISE CITY, IDAHO:

Section 1. That the Geothermal Agreement by and between the City of Boise City and the Boise Warm Springs Water District, a copy of said Geothermal Agreement marked Exhibit "A" attached hereto and incorporated herein by reference, be, and the same is hereby, approved as to both form and content.

Section 2. That the Mayor and City Clerk be, and they hereby are, authorized to respectively execute and attest said Geothermal Agreement for and on behalf of the City of Boise City.

Section 3. That this Resolution shall be in full force and effect immediately upon its adoption and approval.

ADOPTED by the Council of the City of Boise City, Idaho this 1st day of December, 2009.

APPROVED by the Mayor of the City of Boise City, this 1st day of December, 2009.

APPROVED:


MAYOR David H. Bieter

ATTEST:



R-375-09

CITY OF BOISE

To: Mayor and Council

FROM: Kent A. Johnson, Geothermal Coordinator

RESOLUTION NUMBER: R-375-09

DATE: November 23, 2009

SUBJECT: Agreement With Boise Warm Springs Water District for Operation of the Intertie Between Geothermal Heating Systems

ACTION REQUIRED: Approval of the agreement and authorization of the Mayor to sign the agreement on behalf of the City.

RECOMMENDATION: The Public Works Commission reviewed a draft of the agreement at their August 2009 meeting and recommended staff work toward a final version. Public Works staff and the Public Works Commission (PWC) recommend approval of the Intertie Agreement with BWSWD.

FISCAL IMPACT/BUDGET IMPLICATIONS: There will be minor increases in revenue to the Geothermal Fund on the rare and limited occasions Boise Warm Springs Water District actually needs emergency back up of their system.

BACKGROUND: This Agreement is for operation of an Intertie that allows the City geothermal system to provide an emergency source of geothermal water to the BWSWD system.

The BWSWD Board has shown a strong interest since March of 2009 to develop an agreement for the use of the existing system intertie between our two systems. Although they acknowledge the aquifer levels have been rising since the City injection well was put on line they do struggle in the coldest parts of the year to supply their customers if they have one of their two wells go out of service. Developing this Intertie Agreement addresses this concern at the same time they are agreeing to increased production ceilings for the City under the Stipulated Agreement for Settlement of the Petition, which is a separate agenda item.

The attached Intertie Agreement was modeled after the Mutual Aid Agreement that was signed between the City and the State of Idaho as a part of the project to interconnect the City and State systems.

The City system has the ability to provide up to 500 GPM under normal conditions without reducing service to City customers. The BWSWD system operates at a much lower pressure than the City's, so it is not possible for BWSWD to supply any geothermal water to the City system. BWSWD customers, who are also citizens of Boise will benefit from an alternate source of heat per this agreement.

ATTACHMENTS: Copy of the Intertie Agreement with Boise Warm Springs Water District.

GEOTHERMAL AGREEMENT
INTERCONNECTION OF BOISE CITY AND BOISE WARM SPRINGS WATER DISTRICT
GEOTHERMAL SYSTEMS

THIS AGREEMENT made this 1st day of December, 2009, by and between the CITY OF BOISE CITY, a municipal corporation, by and through its Mayor and City Council, herein called CITY, and the BOISE WARM SPRINGS WATER DISTRICT, hereafter called BWSWD.

WHEREAS, the CITY and BWSWD each operate and maintain a low temperature geothermal heating district system; and

WHEREAS, the CITY and BWSWD have cooperated in the past and want to continue to cooperate and work together in the future in order to utilize the low temperature geothermal water effectively for heating purposes; and

WHEREAS, BWSWD has requested a reactivation of the connection to the CITY's geothermal system to serve as an emergency backup geothermal supply for the BWSWD heating district; and

WHEREAS, BWSWD is cooperating with the CITY and other geothermal aquifer users in modifying the Stipulated Agreement For Settlement in Part and Stay of Proceedings Regarding Remainder of Petition dated July 24, 2002 which provides for the production ceiling for the CITY geothermal system to be raised according to agreed upon criteria; and

WHEREAS, although the primary purpose of the intertie is an emergency supply to the BWSWD system, the CITY's geothermal system will benefit in the form of receiving income from BWSWD under the provisions of this agreement; and

WHEREAS, upon recommendation of the Department of Public Works, the Council of Boise City approved and authorized the interconnection between the CITY and BWSWD's geothermal systems subject to the conditions of this Agreement.

NOW, THEREFORE, in consideration of the foregoing premises, it is agreed:

I. USE OF THE INTERTIE

- A. Emergency Aid Situation. When the BWSWD geothermal system is unable to provide full normal geothermal service to any of its customers, the CITY shall provide geothermal supply water to the BWSWD geothermal system until the normal service can be restored. The CITY shall supply as much water as is necessary to supply the BWSWD system, or that amount the CITY system is able to deliver without adversely affecting service to any of its customers, whichever is less.

- B. The BWSWD shall have access to and use the valves in the intertie vault to turn on and off the delivery of water from the CITY system to the BWSWD system.
- C. The BWSWD shall notify the CITY within 24 hours of initiating use of the intertie or ceasing use of the intertie.
- D. Annual Testing of Operation. Each year, at the beginning of the heating season, CITY and BWSWD staff shall meet to test the operation of the intertie vault. There will be no charge for water used for testing.

II. MAINTENANCE OF THE INTERTIE

- A. The CITY shall maintain the piping and control valves from the point where the intertie line connects to the CITY's geothermal system to and through the vault wall and in the vault to the point past the meter, and pressure sustaining valve.
- B. The CITY shall maintain its portion of the intertie vault such that it will be capable of delivering approximately 500 GPM of water to the BWSWD pressure reducing valve in the vault, while maintaining minimum pressures in the CITY system.
- C. Meter. The City will be responsible to maintain the water meter measuring the volume of water delivered to the BWSWD geothermal system from the CITY geothermal system.
- D. Pressure Sustaining Valve. The CITY shall be responsible to maintain and adjust the pressure sustaining valve to maintain the minimum pressure in the CITY system.
- E. BWSWD shall maintain the piping and control valves from the point just downstream of the CITY's meter, through the pressure reducing valve through the vault wall to the point where it connects to the BWSWD system.
- F. Pressure Reducing Valve. The BWSWD will be responsible to maintain and adjust the pressure reducing valve to provide the desired pressure for delivery of water to the BWSWD system.
- G. The CITY shall maintain the vault itself with the costs of such maintenance equally shared between CITY and BWSWD.

III. SERVICE LIMITATIONS

- A. Both parties understand and agree that it is difficult, if not impossible, to determine the amount or temperature of the water that can be pumped from the geothermal aquifer in perpetuity. The CITY'S rights to use water from the aquifer are also subject to limitation and other regulation by the Idaho Department of Water Resources (IDWR). The CITY expects to have sufficient authorization from IDWR that the CITY can to meet the BWSWD's needs. The CITY shall, however, in no way, assume or bear any liability, direct or implied, for any BWSWD damages, losses or injuries of any kind incurred as a result of

lack of availability, or other loss or shortage of geothermal water volume, flow, pressure or temperature or service interruption or cancellation due to circumstances beyond the control of the CITY or as otherwise required by law.

- B. In addition, the CITY shall in no way warrant or guarantee the chemical quality, temperature or maximum or minimum pressure of the geothermal water delivered to the BWSWD, nor assume any liability, direct or implied, for corrosion, scaling, damage from excess pressure, or similar physical damage or degradation of BWSWD lines, user service lines or private equipment utilized by the BWSWD customers.

IV. SERVICE COSTS

Geothermal water rates for water used by the BWSWD shall be based on the provisions contained in the BWSWD published rate schedule and the CITY Geothermal Ordinance. These rates may be modified from time to time by action of the BWSWD and in accordance with the CITY Geothermal Ordinance provisions. The CITY shall bill the BWSWD for the first twelve million gallons each year at the published rate that BWSWD charges its metered customers. For water usage in excess of twelve million gallons per year, the CITY shall bill BWSWD at the same rate it bills all customers on the CITY geothermal system. The CITY will bill monthly for volume of water used only. The billing year will begin on October 1.

V. OWNERSHIP AND OPERATION OF FACILITIES

The CITY will own the intertie vault at First and Idaho Streets with maintenance costs to be shared as described in II. MAINTENANCE OF THE INTERTIE.

VI. WATERS RIGHTS ISSUES

The parties recognize that the CITY's supplying water to BWSWD customers may raise issues concerning place of use and other matters which may need to be resolved by means of appropriate documentation with IDWR. The parties shall cooperate in and support any such documentation or other filing with the IDWR that may be necessary to address these issues.

VII. INDEMNITY BY BWSWD

BWSWD shall indemnify and save and hold harmless CITY from and for any and all losses, claims, actions or judgments for damages or injuries to persons or property or losses and expenses caused by or incurred by BWSWD, its servants, agents, employees, and independent contractors or any other person, firm, partnership, company, corporation or association hired, retained or employed by BWSWD to perform or to do any act or thing herein required of BWSWD and not caused by or resulting from the negligence of the CITY.

VIII. INDEMNITY BY CITY

CITY shall indemnify and save and hold harmless BWSWD from and for any and all losses, claims, actions or judgments for damages or injuries to persons or property or losses and expenses

WST 3 mdf

caused by or incurred by CITY, its servants, agents, employees and independent contractors or any other person, firm, partnership, company, corporation or association hired, retained or employed by CITY to perform or to do any act or thing herein required of CITY and not caused by or resulting from the negligence of BWSWD.

IX. NO ASSIGNMENT

No party to this Agreement shall assign any portion of this Agreement or any privilege hereunder, either voluntarily or involuntarily, without the prior written consent of all parties, which consent shall not be reasonably withheld.

X. BINDING ON SUCCESSORS

This Agreement shall be binding upon and shall inure to the benefit of the successors of the parties hereto.

XI. MODIFICATION AND TERMINATION

This Agreement may be modified or terminated by written agreement of the parties. Either party may terminate the Agreement with 180 days notice if any of the terms of the Agreement are not being met, or due to geothermal resource or regulatory circumstances beyond the control of either party.

XII. FORCE MAJEURE OR AGENCY ACTION

No party will be liable for failure to perform any duty under this Agreement where such failure is caused by fire, flood or other natural disaster. No party shall be liable for any failure to perform resulting from an order of any court or state or federal agency.

XIII. SOLE USE OF SERVICE

Geothermal service supplied to the BWSWD is solely for use in the BWSWD geothermal system and shall not be re-metered or sub-metered for sale to others outside the boundary of their delivery area, without first obtaining written permission from CITY.

CITY OF BOISE

By: David H. Bieter 12/1/09

Mayor David H. Bieter

ATTEST: John E. Faw 12/1/09

John E. Faw, City Clerk

END OF AGREEMENT

BWSWD

By: Matthew Smith



RESOLUTION NO. 20319

BY THE COUNCIL:

BISTERFELDT, CLEGG, EBERLE,
JORDAN, SHEALY, AND TIBBS

A RESOLUTION APPROVING A GEOTHERMAL AGREEMENT BY AND BETWEEN THE CITY OF BOISE CITY (PUBLIC WORKS DEPARTMENT) AND THE STATE OF IDAHO DEPARTMENT OF ADMINISTRATION FOR THE INTERCONNECTION OF THE BOISE CITY AND STATE OF IDAHO GEOTHERMAL SYSTEMS; AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE AND ATTEST SAID GEOTHERMAL AGREEMENT ON BEHALF OF BOISE CITY; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF BOISE CITY, IDAHO:

Section 1. That the Geothermal Agreement by and between the City of Boise City and the State of Idaho Department of Administration, a copy of said Geothermal Agreement marked Exhibit "A" attached hereto and incorporated herein by reference, be, and the same is hereby, approved as to both form and content.

Section 2. That the Mayor and City Clerk be, and they hereby are, authorized to respectively execute and attest said Agreement for and on behalf of the City of Boise City.

Section 3. That this Resolution shall be in full force and effect immediately upon its adoption and approval.

ADOPTED by the Council of the City of Boise City, Idaho this 28th day of October, 2008.

APPROVED by the Mayor of the City of Boise City, this 28th day of October, 2008.

ATTEST:


CITY CLERK
John E. Faw

APPROVED:


MAYOR
David H. Bieter

CITY OF BOISE

To: Mayor and Council

FROM: Kent A. Johnson, Project Manager

ORDINANCE or RESOLUTION NUMBER: R-409-08

DATE: October 20, 2008

SUBJECT: Geothermal Agreement, Interconnection of Boise City and State of Idaho Geothermal Systems

ACTION REQUIRED: Authorize the Mayor to sign the Agreement on behalf of the City: This agreement was initiated by the State of Idaho as part of the Capitol Building renovation. The State determined that it would be more cost effective to pay for an interconnection of the State and City geothermal systems as a back-up heating source for the Capitol Building, than install gas fired boilers in the building for that purpose. This interconnection would provide a backup to all the buildings on the State's geothermal system. The City also benefits from this agreement as it provides mutual aid to both parties. The City can provide back-up heat to the State geothermal system, and if need be, the State could provide emergency back-up to the City's geothermal system.

The proposed project that will come from this agreement will construct a pipeline extension from near Fort and Fourth Streets to 10th and Franklin near Boise High School (see map attached to the agreement) which will provide for a complete loop of the majority of the City's geothermal system. This will provide much more flexibility to maintain and repair the geothermal system without affecting service to our customers.

RECOMMENDATION: Public Works staff recommends that the Council authorize the Mayor to sign the Geothermal Agreement, Interconnection of Boise City and State of Idaho Geothermal Systems between the State of Idaho and the City of Boise.

FISCAL IMPACT/BUDGET IMPLICATIONS: The agreement obligates the State of Idaho to pay up to \$175,000 of the cost of extending the City's geothermal system as described as Schedule A on the Exhibit attached to the agreement. The Exhibit also describes Schedule B, which provides the additional piping that will be extended from the interconnection to the State's geothermal system to the City's existing system near Boise High, to create the system loop. The 2009 budget for the geothermal fund has a Capital Improvement Project included for the estimated amount of \$470,000, which assumes the \$175,000 of revenue from the State, per this agreement.

BACKGROUND: The City has planned for several years capital improvement projects to create piping loops within the geothermal system. These loops provide alternative

SCANNED

ways to deliver water to customers during maintenance or repair work and increase the hydraulic capacity of the system. The State's renovation of the State Capitol Building has provided the opportunity to interconnect the State and City geothermal systems to provide capital savings to both entities and benefit both geothermal systems with back-up supply of geothermal water

ATTACHMENTS: None

**GEOHERMAL AGREEMENT
INTERCONNECTION OF BOISE CITY AND STATE OF IDAHO GEOHERMAL SYSTEMS**

This Memorandum of Understanding ("Memorandum") is made this 28th day of October, 2008, by and between the City of Boise, a municipal corporation, by and through its Mayor and City Council ("City"), and the State of Idaho, Department of Administration, a State agency, by and through its Director ("State"), and collectively referred to as the "Parties."

WHEREAS, it is the declared policy of the City to develop and maintain a geothermal distribution system and to sell geothermal resources to customers for heating and other uses; and

WHEREAS, the City has constructed a geothermal distribution system and the City Council and the Mayor have approved and adopted the Boise City Geothermal System Ordinance which establishes rules, regulations, and conditions governing the provision of geothermal service to customers; and

WHEREAS, the State has constructed a geothermal distribution system that serves the Idaho State Capitol Building and other State-owned buildings within the Capitol Mall area (on and along State Street, from Third [3rd] Street to approximately Eighth [8th] Street); and

WHEREAS, the State has requested a connection to the City's geothermal distribution system to serve as an emergency backup geothermal water supply for the renovated Idaho State Capitol Building, located at 700 West Jefferson Street, and the State-owned buildings within the Capitol Mall area;

WHEREAS, the City has agreed to the connection and to have its geothermal water serve as a backup supply to the State's Capitol Building and other State-owned buildings, and the City's geothermal distribution system will benefit from such a connection to the State's geothermal distribution system; and

WHEREAS, upon recommendation by the City's Department of Public Works, the Boise City Council approved and authorized, on 10/28, 2008 the connection between the City's and the State's geothermal distribution systems ("Interconnect Project"), subject to the conditions of this Memorandum; and

WHEREAS, upon recommendation by the State's Division of Public Works, the State approved and authorized, on approximately October 28, 2008, the connection between the City's and the State's geothermal distribution systems, subject to the conditions of this Memorandum; and

WHEREAS, the State has agreed to pay up to One Hundred Seventy-Five Thousand and 00/100 Dollars (\$175,000.00) of the construction costs of the Interconnect Project; and

WHEREAS, the City will repay the State with the credited use of geothermal water as described herein; and

WHEREAS, the City and the State agree a connection between the City's and the State's geothermal distribution systems will be mutually beneficial, by providing an emergency backup geothermal water supply to the State and City without impacting the geothermal water being supplied to facilities served by the City and the State, respectively.

NOW, THEREFORE, in consideration of the foregoing, it is agreed:

I. CITY'S RESPONSIBILITIES

1. Preparation of Plans/Project Bid and Award

A. The City shall cause plans, drawings, technical specifications, and contract documents to be prepared, for construction and installation of a geothermal pipeline connecting the City's current distribution system and the State's current distribution system (Interconnect Project). The new geothermal pipeline connecting the City's and State's distribution systems will be from the City's line at Fort and Fifth (5th) Streets, to the State's production well pump house, located on Washington Street, between Sixth (6th) and Seventh (7th) Streets. The Interconnect Project area is shown as Schedule "A" on Exhibit "A" attached hereto. The City is also constructing and installing additional facilities outside of the Interconnect Project area but in conjunction with the Interconnect Project. The City Project area is shown as Schedule "B" in Exhibit "A". The City may combine the State Interconnect Project with the City Project for bidding and construction purposes. In the event the City Project and Interconnect Project are combined, the City will structure the bidding and contract documents into two schedules. Award of the bid will be made on the basis of the lowest overall bid. The State contribution is only authorized to be spent on the Interconnect Project.

B. The Interconnect Project will not extend beyond the approximately three (3) city blocks between Washington Street and Fort Street unless approved and authorized by the State.

C. The City will ensure that the Interconnect Project will be designed to allow up to 500 GPM to be delivered to and from the respective City and State geothermal distribution systems.

D. The City will ensure that the Interconnect Project shall be designed to be easily operated by the State so that the State's geothermal water is supplemented only when necessary.

E. The City will submit preliminary construction plans for the Interconnect Project to the State for review and comment prior to any construction or construction preparation.

F. After the State approves any preliminary construction plans for the Interconnect Project, the City will submit final construction plans to the State for review and comment.

G. The City will provide a copy of all construction plans and any amendments thereto including, but not limited to, technical drawings and project scheduling documents, to the State prior to any construction and during the term of construction.

H. The City shall ensure, at its expense, that all necessary construction permits are obtained and maintained prior to and during construction.

2. Geothermal Pipeline Construction and Inspection

A. The City shall be responsible for the construction and inspection of the Interconnect Project which may be combined with a related City Project. The City shall ensure that the Interconnect Project meets all reasonable and necessary industry and governmental standards.

B. The City agrees to install, construct, and complete the Interconnect Project by September 15, 2009 unless otherwise agreed to by the parties in writing.

C. Unless otherwise agreed to by the Parties in writing, the City shall ensure that the Interconnect Project is inspected in a timely manner by appropriate agencies and personnel.

D. The City is responsible for costs associated with: (i) any and all public street closures or other closures; and (ii) any demolition, repair or replacement of any public streets, sidewalks or areas not specifically owned by the State.

E. The City will submit to the State monthly invoices for the construction of the Interconnect Project, the total sum of which invoices shall not exceed One Hundred Seventy-Five Thousand and 00/100 Dollars (\$175,000.00). The City shall be responsible for payment of construction expenses that exceed One Hundred Seventy-Five Thousand and 00/100 Dollars (\$175,000.00).

F. In the event the Interconnect Project exceeds the estimated One Hundred Seventy-Five Thousand and 00/100 Dollars (\$175,000.00) project cost, the City reserves the right to reject bids and rebid the project or redesign the project with the approval of the State.

II. STATE'S RESPONSIBILITIES

1. The State will review and approve or request changes to any preliminary construction plans within ten (10) business days of receipt of such plans from the City.

2. The State will review and approve, or request changes, to any final construction plans within ten (10) business days of receipt of such plans from the City.

3. The State will pay within thirty (30) days of receipt from the City all invoices relating to the construction of the Interconnect Project up to a total amount of One Hundred Seventy-Five Thousand and 00/100 Dollars (\$175,000.00).

4. Granting of Easements and Access Rights.

a. Pipeline Easement: Prior to construction of geothermal lines by the CITY, the STATE shall grant a perpetual nonexclusive easement to the CITY for operation and maintenance of the geothermal pipelines sufficient in width to maintain geothermal pipelines, including the perpetual right to enter upon the real estate hereinafter described, at all reasonable times, to construct, maintain, and repair underground geothermal pipelines over, through, under and across said lands, together with the right to excavate and refill ditches and trenches for the location of said geothermal pipelines, and further right to remove trees, shrubs, bushes, sod, flowers, and other obstructions and improvements interfering with the location and maintenance of said geothermal pipelines, subject to the requirements for maintenance or repair work, the surface, including trees, shrubs, bushes, sod, flowers, and other obstructions, and improvements shall be restored to the pre-existing condition at CITY'S expense. Such perpetual easement shall be over, on and across the premises belonging to the STATE, and shall be a minimum of twelve feet (12') wide centered on the mid-point between the supply and collection lines.

b. Access Rights for Meter Reading: STATE shall grant the CITY the right to enter the STATE'S geothermal supply pump house for the purpose of installing, reading and maintaining the City flow meter.

III. SERVICE COSTS

10/08 -
10/14

1. If and when the State purchases geothermal water from the City during the first six (6) years from the date of completion of the Interconnect Project, the City shall provide such geothermal water at no cost. The value of the geothermal water, as determined by the City's geothermal water rates set out in the City's Geothermal Ordinance, as amended, shall then be credited toward the One Hundred Seventy-Five Thousand and 00/100 Dollars (\$175,000.00) owed to the State.

10/14 -
10/18

2. If and when the State purchases geothermal water from the City between years seven (7) and ten (10), from the date of completion of the Interconnect Project, the City shall provide such geothermal water at one-half (50%) of the City's geothermal water rates set out in the City's Geothermal Ordinance, as amended. The City shall then be credited the one-half value of the geothermal water toward the One Hundred Seventy-Five Thousand and 00/100 Dollars (\$175,000.00) owed to the State.

AFTER
OCT
2018

3. If and when the State purchases geothermal water from the City after ten (10) years from the date of completion of the Interconnect Project has passed, the State shall pay the City's geothermal water rates as set out in the City's Geothermal Ordinance, as amended. The City shall bill the State for any geothermal water used in the same manner it bills all customers on the City geothermal system.

4. If and when the City requires the use of the State's geothermal water at any time, the City will credit the State the amount of the value of the geothermal water used by the City based upon the City's geothermal water rates as set out in the City's Geothermal Ordinance, as amended.

IV. OWNERSHIP AND OPERATION OF FACILITIES

1. All geothermal pipelines and facilities within the State geothermal system shall be owned, operated and maintained by the State, with the exception of the flow meters owned by the City as described herein. The State agrees to operate all geothermal facilities upon and within the State's geothermal system in accordance with all applicable federal, state and local regulations and laws.

2. All geothermal pipelines and facilities, including the Interconnect Project described herein, within the City's geothermal system shall be owned, operated and maintained by the City. Further, the City shall own, operate, and maintain the flow meters installed as part of the Interconnect Project and located on the connection between the State's and City's geothermal distribution systems. The City agrees to operate all geothermal facilities upon and within the City's geothermal system in accordance with all applicable federal, state and local regulations and laws.

V. SERVICE LIMITATIONS

1. The parties understand and agree that it is difficult if not impossible to determine the amount or temperature of the water that can be pumped from the geothermal aquifer in perpetuity. The CITY'S rights to use water from the aquifer are also subject to limitation and other regulation by

the Idaho Department of Water Resources (IDWR). The CITY expects to have sufficient authorization from IDWR that the CITY can to meet the STATE's needs. The CITY shall, however, in no way assume any liability, direct or implied, for any STATE damages or injuries incurred as a result of the loss of the geothermal reservoir or temperature or service interruption or cancellation due to circumstances beyond the control of the CITY or as otherwise required by law. The STATE is solely responsible for determining whether to provide a backup heating system or not and the CITY assumes no liability for such decision.

2. In addition, the CITY shall in no way warrant or guarantee the chemical quality or temperature of the geothermal water delivered to the STATE, nor assume any liability, direct or implied, for corrosion, scaling or similar physical degradation of user service lines or private equipment utilized by the STATE.

VI. COMPLIANCE WITH LAWS

In designing, constructing, and installing the Interconnect Project, the City, at its sole expense, shall comply with all laws, orders and regulations of the City, county, state, and federal governments. The City shall, at its sole expense, obtain all licenses and permits necessary for performance of its obligations under this Memorandum.

VII. INDEMNITY BY THE STATE

The State shall indemnify, save harmless and defend, regardless of outcome, the City from expenses of and against suits, actions, claims, or losses of every kind, nature and description, including costs, expenses and attorney fees, that may be incurred by reason of any act or omission, neglect or misconduct of the State in relation to its responsibilities under this Memorandum.

VIII. INDEMNITY BY THE CITY

The City shall indemnify, save harmless and defend, regardless of outcome, the State from expenses of and against suits, actions, claims, or losses of every kind, nature and description, including costs, expenses and attorney fees, that may be incurred by reason of any act or omission, neglect or misconduct of the City in relation to its responsibilities under this Memorandum.

IX. ASSIGNMENT

No Party to this Memorandum shall assign any portion of this Memorandum or any privilege hereunder, either voluntarily or involuntarily, without prior written consent of all Parties, whose consent shall not be unreasonably withheld.

X. TERMINATION

This Memorandum shall commence on November 1, 2008 and expire when the terms of the Memorandum have been fulfilled. Either Party may terminate this Memorandum at any time, with or without cause, upon ninety (90) calendar days' written notice to the other Party specifying the date of termination. Upon termination, the Parties shall: (i) promptly discontinue all work, unless the termination notice directs otherwise; and (ii) promptly return to the other Party any property provided

by the other Party pursuant to the Memorandum. Notwithstanding termination, the Parties shall remain obligated as otherwise set forth in this Memorandum to the extent of costs or obligations to third parties incurred pursuant to the Memorandum prior to the termination.

XI. BINDING ON SUCCESSORS

This Memorandum shall be binding upon and shall inure to the benefit of the successors of the Parties hereto.

XII. APPROPRIATION BY LEGISLATURE REQUIRED

The State is a governmental entity and this Memorandum shall in no way or manner be construed so to bind or obligate the State of Idaho beyond the term of any particular appropriation of funds by the State's Legislature as may exist from time to time. The State reserves the right to terminate this Memorandum in whole or in part (or any order placed under it) if, in its sole judgment, the Legislature of the State of Idaho fails, neglects, or refuses to appropriate sufficient funds as may be required for the State to continue such payments, or requires any return or "give back" of funds required for the State to continue such payments, or if the Executive Branch mandates any cuts or holdbacks in spending. All affected future rights and liabilities of the Parties hereto shall thereupon cease within ten (10) calendar days after notice to the City. It is understood and agreed that the State's payments herein provided for shall be paid from Idaho State Legislative appropriations.

XIII. FORCE MAJEURE OR AGENCY ACTION

No Party will be liable for failure to perform any duty under this Memorandum where such failure is due to unforeseeable causes beyond the Parties' control and without the fault or negligence of the Parties, including, but not restricted to, acts of God or the public enemy, fire, flood, epidemics, quarantine, strikes or other natural disasters. No Party shall be liable for any failure to perform resulting from any order of any court or state or federal agency.

XIV. GOVERNING LAW AND SEVERABILITY

This Memorandum shall be construed in accordance with and governed by the laws of the State of Idaho. Any action to enforce the provisions of this Memorandum shall be brought in State district court in Boise, Ada County, Idaho. In the event any term of this Memorandum is held to be invalid or unenforceable by a court, the remaining terms of the Memorandum will remain in force.

XV. NON-WAIVER

Each provision herein shall be treated as a separate and independent clause, and the unenforceability of any one clause shall in no way impair the enforceability of any other clauses herein.

XVI. DISPUTE RESOLUTION

It is the intention of the Parties to resolve all disputes arising out of this Memorandum without resort to outside resolution procedures. The Parties may agree to appoint a single mediator to settle any dispute that the Parties have failed to settle themselves. In the event that the Parties are unable to resolve a dispute, breach or controversy arising out of this Memorandum on their own or through mediation, the Parties agree to settle all issues between them through arbitration. The Parties will refer the matter at

issue for arbitration by a single arbitrator selected mutually by the Parties. Such arbitrator shall have experience and knowledge of construction issues. The arbitrator selected shall not be related to or affiliated with either Party. The arbitration shall be conducted under the rules of the American Arbitration Association. The arbitration will be held in Boise, Idaho, at a time mutually convenient to the Parties. All arbitrations must be commenced within two (2) months of the time when the dispute, breach or controversy arose. The fees and expenses of the arbitrator shall be divided equally between the Parties. The decision of the arbitrator shall be in accordance with the terms and conditions of this Memorandum and be binding upon the Parties and non-appealable, and the Parties shall comply with the arbitrator's decision in good faith. Either Party may apply to any court with proper jurisdiction for enforcement of the arbitration decision. Each Party shall bear its own attorney fees and costs associated with mediation, arbitration and enforcement of the arbitration decision.

XVII. RESTRICTIONS ON USE OF ILLEGAL ALIENS

The City warrants that any construction or work performed under this Memorandum is subject to the State of Idaho Executive Order 2006-40, and it or its subcontractor will not knowingly hire or engage any illegal aliens or persons not authorized to work in the United States. The City further warrants that it or its subcontractor will take steps to verify that it does not hire or engage any illegal aliens or persons not authorized to work in the United States, and that any misrepresentation in this regard or any employment of persons not authorized to work in the United States constitutes a material breach and shall be cause for termination of this Memorandum.

XVIII. SOLE USE OF SERVICE

Geothermal service supplied to the State by the City is solely for the use in the State's geothermal system, and may not be remetered or submetered by the State for sale to others without first obtaining written permission from the City.

XIX. NO AUTHORITY TO BIND OTHER PARTY

One Party under this Memorandum shall have no authority to enter into contracts or agreements on behalf of the other Party. All contracts or agreements shall be entered on behalf of the executing Party or executed jointly by both Parties.

XX. ENTIRE AGREEMENT

This Memorandum constitutes the entire agreement between the Parties and supersedes all prior agreements or understandings between the Parties. No change modification, or waiver of any term of this Memorandum shall be valid unless it is in writing and signed by both Parties.

XXI. AMENDMENTS

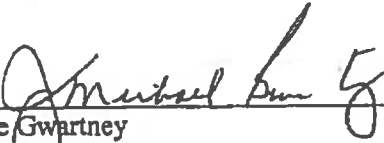
This Memorandum may be extended or modified upon written agreement of the Parties. However, no amendment or modification of this Memorandum shall be effective unless in writing.

CITY OF BOISE

By: 
David H. Bieter
Mayor

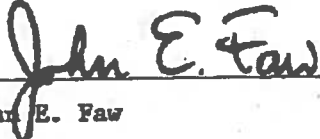
Date: October 28, 2008

STATE OF IDAHO

By: 
Mike Gwartney
Director

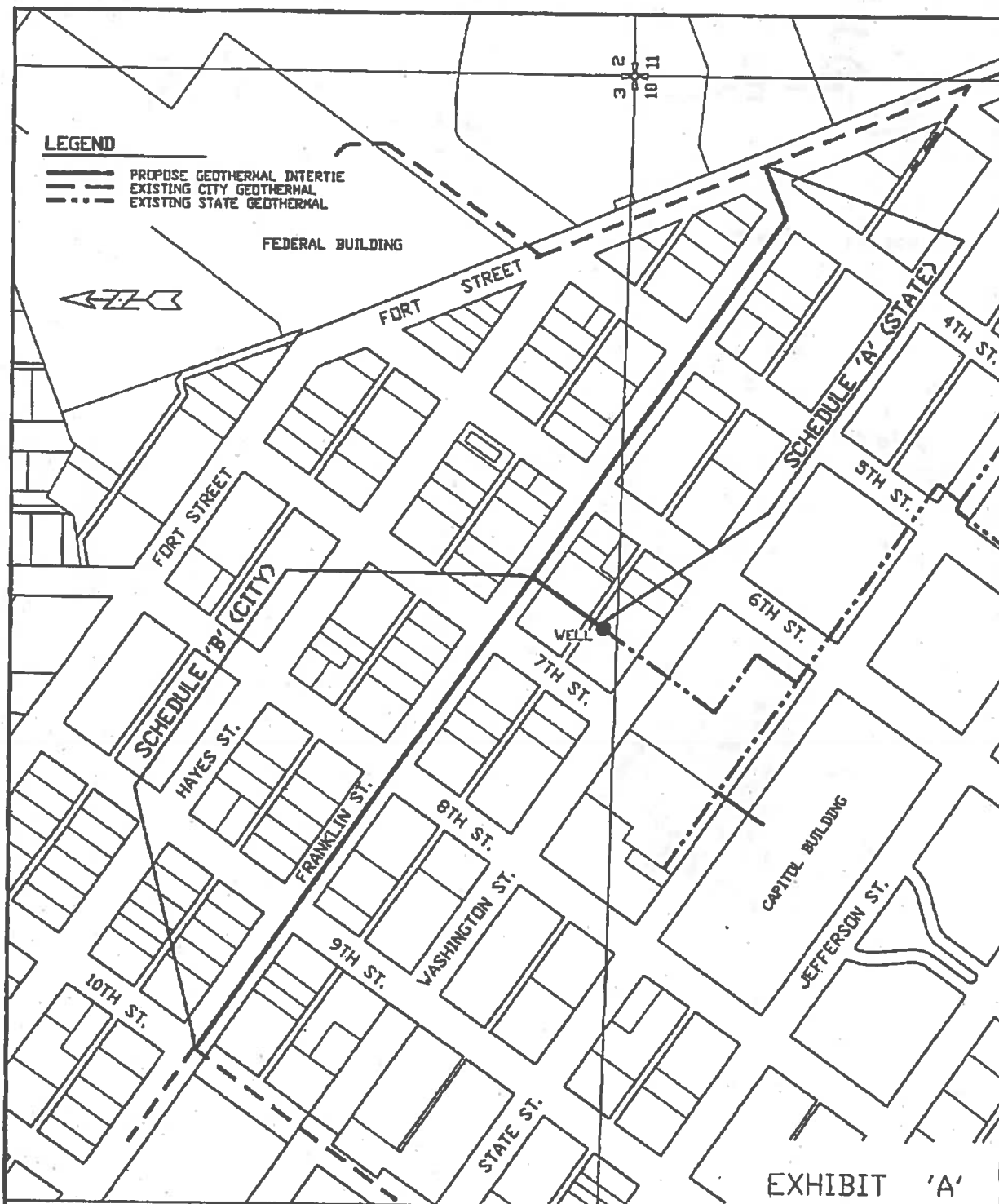
Date: 10-28-08

ATTEST


John E. Faw
City Clerk

Date: October 28, 2008





BOISE CITY DEPARTMENT OF PUBLIC WORKS

DRAWN BY: KW

CK'D BY:

SCALE: 1" = 300'

PROJECT GEOTHERMAL WATER SYSTEM INTERTIE
BOISE CITY TO STATE OF IDAHO

Attachment F
Flow Rate and Volume Data

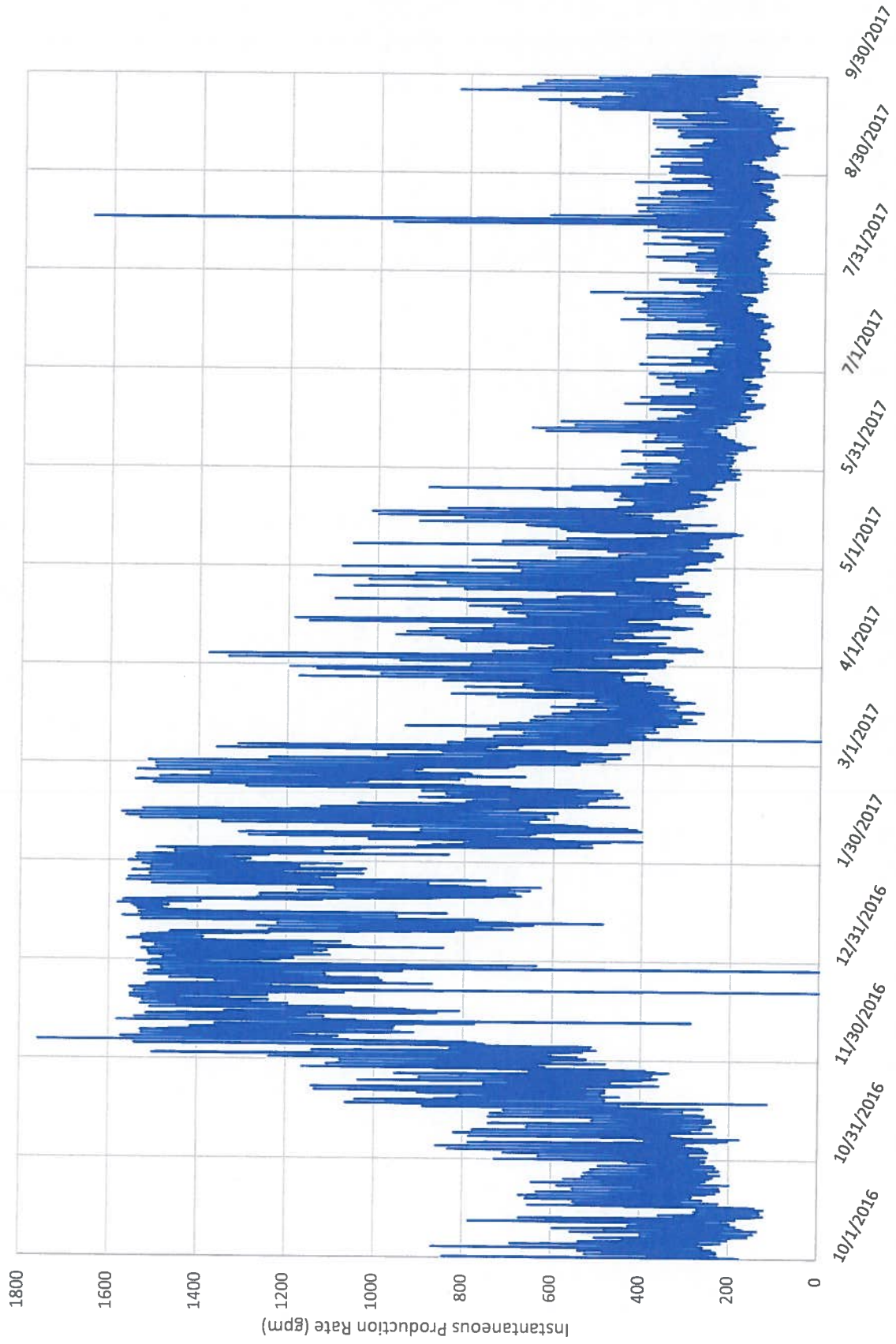
WY 2017 Peak Hour Production - City of Boise Geothermal Production Wells

Date Time	Production Flow Meter (gpm)
12/6/2016 7:37	1794.3
12/6/2016 7:38	1794.3
12/6/2016 7:39	1794.3
12/6/2016 7:40	1798.1
12/6/2016 7:41	1781.6
12/6/2016 7:42	1781.6
12/6/2016 7:43	1772.5
12/6/2016 7:44	1772.5
12/6/2016 7:45	1767.8
12/6/2016 7:46	1767.8
12/6/2016 7:47	1763.5
12/6/2016 7:48	1763.5
12/6/2016 7:49	1764.5
12/6/2016 7:50	1764.5
12/6/2016 7:51	1710.7
12/6/2016 7:52	1710.7
12/6/2016 7:53	1694.6
12/6/2016 7:54	1694.6
12/6/2016 7:55	1699.2
12/6/2016 7:56	1699.2
12/6/2016 7:57	1697.6
12/6/2016 7:58	1688.4
12/6/2016 7:59	1688.4
12/6/2016 8:00	1683.7
12/6/2016 8:01	1683.7
12/6/2016 8:02	1685.1
12/6/2016 8:03	1685.1
12/6/2016 8:04	1676.5
12/6/2016 8:05	1676.5
12/6/2016 8:06	1678.0
12/6/2016 8:07	1678.0
12/6/2016 8:08	1663.4
12/6/2016 8:09	1663.4
12/6/2016 8:10	1653.4
12/6/2016 8:11	1653.4
12/6/2016 8:12	1649.9
12/6/2016 8:13	1649.9
12/6/2016 8:14	1652.8
12/6/2016 8:15	1676.8
12/6/2016 8:16	1676.8
12/6/2016 8:17	1665.2
12/6/2016 8:18	1665.2
12/6/2016 8:19	1654.6
12/6/2016 8:20	1654.6
12/6/2016 8:21	1655.4
12/6/2016 8:22	1655.4
12/6/2016 8:23	1663.8
12/6/2016 8:24	1663.8
12/6/2016 8:25	1665.0
12/6/2016 8:26	1665.0
12/6/2016 8:27	1655.9
12/6/2016 8:28	1655.9
12/6/2016 8:29	1653.7
12/6/2016 8:30	1653.7
12/6/2016 8:31	1658.9
12/6/2016 8:32	1658.9
12/6/2016 8:33	1654.1
12/6/2016 8:34	1654.1
12/6/2016 8:35	1648.4
12/6/2016 8:36	1648.4
Average	1695.0
Maximum	1798.1

Weekly Totalized Flow For 2017 Water Year - City of Boise Geothermal Production Wells

Week Ending	Totalizer Reading (x10 gal)	Weekly Use (Mgal)	Cumulative Weekly Use (Mgal)	Cumulative Weekly Use (af)
10/3/2016	82,109,086			
10/11/2016	82,428,420	3.19	3.19	9.8
10/18/2016	82,731,430	3.03	6.22	19.1
10/25/2016	83,102,509	3.71	9.93	30.5
11/1/2016	83,463,865	3.61	13.55	41.6
11/8/2016	83,895,880	4.32	17.87	54.8
11/15/2016	84,304,710	4.09	21.96	67.4
11/22/2016	84,996,235	6.92	28.87	88.6
11/29/2016	85,630,257	6.34	35.21	108.1
12/5/2016	86,419,910	7.90	43.11	132.3
12/13/2016	87,685,120	12.65	55.76	171.1
12/20/2016	89,026,300	13.41	69.17	212.3
12/27/2016	90,329,501	13.03	82.20	252.3
1/3/2017	91,644,380	13.15	95.35	292.6
1/10/2017	92,910,110	12.66	108.01	331.5
1/17/2017	94,226,310	13.16	121.17	371.9
1/24/2017	95,318,360	10.92	132.09	405.4
1/31/2017	96,636,470	13.18	145.27	445.8
2/7/2017	97,658,670	10.22	155.50	477.2
2/14/2017	98,559,520	9.01	164.50	504.8
2/21/2017	99,322,742	7.63	172.14	528.3
2/28/2017	388,293	10.66	182.79	561.0
3/7/2017	1,220,767	8.32	191.12	586.5
3/14/2017	1,777,330	5.57	196.68	603.6
3/21/2017	2,200,798	4.23	200.92	616.6
3/28/2017	2,702,810	5.02	205.94	632.0
4/4/2017	3,354,350	6.52	212.45	652.0
4/11/2017	3,898,815	5.44	217.90	668.7
4/18/2017	4,401,470	5.03	222.92	684.1
4/25/2017	4,868,525	4.67	227.59	698.5
5/3/2017	5,372,206	5.04	232.63	713.9
5/9/2017	5,739,420	3.67	236.30	725.2
5/16/2017	6,143,695	4.04	240.35	737.6
5/23/2017	6,591,180	4.47	244.82	751.3
5/30/2017	6,913,223	3.22	248.04	761.2
6/6/2017	7,190,850	2.78	250.82	769.7
6/13/2017	7,475,855	2.85	253.67	778.5
6/20/2017	7,741,100	2.65	256.32	786.6
6/27/2017	7,967,420	2.26	258.58	793.6
7/5/2017	8,200,918	2.33	260.92	800.7
7/11/2017	8,358,716	1.58	262.50	805.6
7/18/2017	8,562,520	2.04	264.53	811.8
7/25/2017	8,793,862	2.31	266.85	818.9
8/1/2017	8,979,044	1.85	268.70	824.6
8/8/2017	9,172,485	1.93	270.63	830.5
8/15/2017	9,389,523	2.17	272.80	837.2
8/22/2017	9,684,820	2.95	275.76	846.3
8/29/2017	9,896,540	2.12	277.87	852.8
9/6/2017	10,124,826	2.28	280.16	859.8
9/12/2017	10,284,985	1.60	281.76	864.7
9/19/2017	10,471,442	1.86	283.62	870.4
9/26/2017	10,837,618	3.66	287.29	881.6
10/3/2017	11,149,336	3.12	290.40	891.2

City of Boise Geothermal System Production - Hourly Instantaneous Diversion Rates - Water Year 2017



Date & Time	Production Rate (GPM)
10/1/2016 0:00	227.5
10/1/2016 1:00	236.0
10/1/2016 2:00	248.6
10/1/2016 3:00	189.5
10/1/2016 4:00	177.2
10/1/2016 5:00	241.9
10/1/2016 6:00	282.3
10/1/2016 7:00	289.2
10/1/2016 8:00	844.5
10/1/2016 9:00	276.6
10/1/2016 10:00	256.5
10/1/2016 11:00	229.9
10/1/2016 12:00	237.9
10/1/2016 13:00	259.3
10/1/2016 14:00	223.8
10/1/2016 15:00	283.5
10/1/2016 16:00	244.0
10/1/2016 17:00	259.9
10/1/2016 18:00	242.0
10/1/2016 19:00	296.7
10/1/2016 20:00	291.0
10/1/2016 21:00	338.9
10/1/2016 22:00	246.0
10/1/2016 23:00	291.4
10/2/2016 0:00	255.8
10/2/2016 1:00	257.4
10/2/2016 2:00	381.2
10/2/2016 3:00	346.6
10/2/2016 4:00	360.8
10/2/2016 5:00	359.8
10/2/2016 6:00	308.6
10/2/2016 7:00	346.6
10/2/2016 8:00	523.7
10/2/2016 9:00	452.7
10/2/2016 10:00	436.1
10/2/2016 11:00	428.7
10/2/2016 12:00	243.1
10/2/2016 13:00	229.1
10/2/2016 14:00	226.5
10/2/2016 15:00	249.0
10/2/2016 16:00	340.6
10/2/2016 17:00	234.9
10/2/2016 18:00	247.5
10/2/2016 19:00	290.9
10/2/2016 20:00	308.7
10/2/2016 21:00	331.3
10/2/2016 22:00	427.1
10/2/2016 23:00	287.7
10/3/2016 0:00	481.5
10/3/2016 1:00	227.7
10/3/2016 2:00	289.4
10/3/2016 3:00	245.6
10/3/2016 4:00	319.5
10/3/2016 5:00	426.4
10/3/2016 6:00	458.9
10/3/2016 7:00	435.8
10/3/2016 8:00	419.4
10/3/2016 9:00	451.7
10/3/2016 10:00	538.7
10/3/2016 11:00	521.9
10/3/2016 12:00	300.6
10/3/2016 13:00	330.5
10/3/2016 14:00	312.3

Date & Time	Production Rate (GPM)
10/3/2016 15:00	268.3
10/3/2016 16:00	322.9
10/3/2016 17:00	237.4
10/3/2016 18:00	269.9
10/3/2016 19:00	427.0
10/3/2016 20:00	374.9
10/3/2016 21:00	426.5
10/3/2016 22:00	354.3
10/3/2016 23:00	385.2
10/4/2016 0:00	352.7
10/4/2016 1:00	383.2
10/4/2016 2:00	344.6
10/4/2016 3:00	362.0
10/4/2016 4:00	429.7
10/4/2016 5:00	543.1
10/4/2016 6:00	549.3
10/4/2016 7:00	751.8
10/4/2016 8:00	751.1
10/4/2016 9:00	869.1
10/4/2016 10:00	520.5
10/4/2016 11:00	385.2
10/4/2016 12:00	493.3
10/4/2016 13:00	257.4
10/4/2016 14:00	292.5
10/4/2016 15:00	287.8
10/4/2016 16:00	303.5
10/4/2016 17:00	308.6
10/4/2016 18:00	287.0
10/4/2016 19:00	361.6
10/4/2016 20:00	325.5
10/4/2016 21:00	351.4
10/4/2016 22:00	421.6
10/4/2016 23:00	342.7
10/5/2016 0:00	390.9
10/5/2016 1:00	269.0
10/5/2016 2:00	329.3
10/5/2016 3:00	482.1
10/5/2016 4:00	366.9
10/5/2016 5:00	396.5
10/5/2016 6:00	519.8
10/5/2016 7:00	578.4
10/5/2016 8:00	524.8
10/5/2016 9:00	536.2
10/5/2016 10:00	691.6
10/5/2016 11:00	474.1
10/5/2016 12:00	308.6
10/5/2016 13:00	262.4
10/5/2016 14:00	363.9
10/5/2016 15:00	216.7
10/5/2016 16:00	372.8
10/5/2016 17:00	285.4
10/5/2016 18:00	316.8
10/5/2016 19:00	344.4
10/5/2016 20:00	392.1
10/5/2016 21:00	413.8
10/5/2016 22:00	273.9
10/5/2016 23:00	300.2
10/6/2016 0:00	305.6
10/6/2016 1:00	265.9
10/6/2016 2:00	290.3
10/6/2016 3:00	535.0
10/6/2016 4:00	472.2
10/6/2016 5:00	398.3

Date & Time	Production Rate (GPM)
10/6/2016 6:00	430.5
10/6/2016 7:00	537.6
10/6/2016 8:00	419.7
10/6/2016 9:00	358.0
10/6/2016 10:00	439.3
10/6/2016 11:00	337.9
10/6/2016 12:00	410.8
10/6/2016 13:00	312.8
10/6/2016 14:00	277.3
10/6/2016 15:00	203.1
10/6/2016 16:00	276.7
10/6/2016 17:00	303.2
10/6/2016 18:00	374.0
10/6/2016 19:00	336.3
10/6/2016 20:00	344.9
10/6/2016 21:00	243.6
10/6/2016 22:00	284.9
10/6/2016 23:00	404.3
10/7/2016 0:00	325.3
10/7/2016 1:00	325.0
10/7/2016 2:00	317.1
10/7/2016 3:00	436.7
10/7/2016 4:00	213.8
10/7/2016 5:00	247.6
10/7/2016 6:00	376.9
10/7/2016 7:00	291.8
10/7/2016 8:00	418.8
10/7/2016 9:00	501.3
10/7/2016 10:00	456.4
10/7/2016 11:00	475.7
10/7/2016 12:00	280.7
10/7/2016 13:00	184.7
10/7/2016 14:00	183.0
10/7/2016 15:00	238.4
10/7/2016 16:00	199.7
10/7/2016 17:00	157.8
10/7/2016 18:00	217.3
10/7/2016 19:00	164.9
10/7/2016 20:00	306.7
10/7/2016 21:00	312.5
10/7/2016 22:00	222.3
10/7/2016 23:00	297.0
10/8/2016 0:00	214.6
10/8/2016 1:00	215.9
10/8/2016 2:00	350.5
10/8/2016 3:00	284.8
10/8/2016 4:00	379.2
10/8/2016 5:00	307.6
10/8/2016 6:00	336.2
10/8/2016 7:00	356.9
10/8/2016 8:00	338.7
10/8/2016 9:00	396.9
10/8/2016 10:00	308.0
10/8/2016 11:00	258.9
10/8/2016 12:00	174.6
10/8/2016 13:00	182.6
10/8/2016 14:00	144.5
10/8/2016 15:00	229.3
10/8/2016 16:00	239.7
10/8/2016 17:00	225.0
10/8/2016 18:00	242.9
10/8/2016 19:00	263.8
10/8/2016 20:00	230.6

Date & Time	Production Rate (GPM)
10/8/2016 21:00	216.7
10/8/2016 22:00	298.9
10/8/2016 23:00	359.6
10/9/2016 0:00	246.0
10/9/2016 1:00	280.6
10/9/2016 2:00	264.6
10/9/2016 3:00	556.1
10/9/2016 4:00	418.1
10/9/2016 5:00	349.6
10/9/2016 6:00	333.4
10/9/2016 7:00	307.8
10/9/2016 8:00	355.6
10/9/2016 9:00	478.6
10/9/2016 10:00	224.5
10/9/2016 11:00	172.4
10/9/2016 12:00	209.1
10/9/2016 13:00	135.4
10/9/2016 14:00	192.0
10/9/2016 15:00	171.2
10/9/2016 16:00	206.0
10/9/2016 17:00	262.9
10/9/2016 18:00	276.3
10/9/2016 19:00	217.8
10/9/2016 20:00	297.7
10/9/2016 21:00	290.9
10/9/2016 22:00	213.3
10/9/2016 23:00	224.6
10/10/2016 0:00	207.3
10/10/2016 1:00	303.9
10/10/2016 2:00	170.1
10/10/2016 3:00	338.9
10/10/2016 4:00	354.4
10/10/2016 5:00	301.0
10/10/2016 6:00	596.5
10/10/2016 7:00	289.9
10/10/2016 8:00	301.3
10/10/2016 9:00	214.1
10/10/2016 10:00	293.9
10/10/2016 11:00	382.8
10/10/2016 12:00	214.5
10/10/2016 13:00	262.0
10/10/2016 14:00	233.6
10/10/2016 15:00	233.6
10/10/2016 16:00	219.4
10/10/2016 17:00	211.4
10/10/2016 18:00	272.6
10/10/2016 19:00	420.0
10/10/2016 20:00	252.2
10/10/2016 21:00	262.9
10/10/2016 22:00	184.8
10/10/2016 23:00	293.3
10/11/2016 0:00	223.9
10/11/2016 1:00	203.6
10/11/2016 2:00	259.7
10/11/2016 3:00	425.4
10/11/2016 4:00	210.4
10/11/2016 5:00	300.2
10/11/2016 6:00	385.5
10/11/2016 7:00	306.0
10/11/2016 8:00	366.6
10/11/2016 9:00	368.5
10/11/2016 10:00	402.4
10/11/2016 11:00	363.1

Date & Time	Production Rate (GPM)
10/11/2016 12:00	265.4
10/11/2016 13:00	296.4
10/11/2016 14:00	373.6
10/11/2016 15:00	304.7
10/11/2016 16:00	257.1
10/11/2016 17:00	330.9
10/11/2016 18:00	197.5
10/11/2016 19:00	213.3
10/11/2016 20:00	339.9
10/11/2016 21:00	365.9
10/11/2016 22:00	250.6
10/11/2016 23:00	304.5
10/12/2016 0:00	378.1
10/12/2016 1:00	267.2
10/12/2016 2:00	280.2
10/12/2016 3:00	580.5
10/12/2016 4:00	480.5
10/12/2016 5:00	608.3
10/12/2016 6:00	553.1
10/12/2016 7:00	605.0
10/12/2016 8:00	786.4
10/12/2016 9:00	465.9
10/12/2016 10:00	433.3
10/12/2016 11:00	401.3
10/12/2016 12:00	320.5
10/12/2016 13:00	378.1
10/12/2016 14:00	275.1
10/12/2016 15:00	271.9
10/12/2016 16:00	218.1
10/12/2016 17:00	205.0
10/12/2016 18:00	254.4
10/12/2016 19:00	242.4
10/12/2016 20:00	608.3
10/12/2016 21:00	322.8
10/12/2016 22:00	246.7
10/12/2016 23:00	184.8
10/13/2016 0:00	326.1
10/13/2016 1:00	341.5
10/13/2016 2:00	294.7
10/13/2016 3:00	404.0
10/13/2016 4:00	410.3
10/13/2016 5:00	532.7
10/13/2016 6:00	450.8
10/13/2016 7:00	540.4
10/13/2016 8:00	482.0
10/13/2016 9:00	672.6
10/13/2016 10:00	489.3
10/13/2016 11:00	293.2
10/13/2016 12:00	346.9
10/13/2016 13:00	272.2
10/13/2016 14:00	193.7
10/13/2016 15:00	321.5
10/13/2016 16:00	205.4
10/13/2016 17:00	261.7
10/13/2016 18:00	177.7
10/13/2016 19:00	149.6
10/13/2016 20:00	141.6
10/13/2016 21:00	167.1
10/13/2016 22:00	148.9
10/13/2016 23:00	139.0
10/14/2016 0:00	145.7
10/14/2016 1:00	132.6
10/14/2016 2:00	123.1

Date & Time	Production Rate (GPM)
10/14/2016 3:00	137.7
10/14/2016 4:00	155.1
10/14/2016 5:00	168.9
10/14/2016 6:00	197.2
10/14/2016 7:00	168.3
10/14/2016 8:00	279.4
10/14/2016 9:00	233.3
10/14/2016 10:00	356.9
10/14/2016 11:00	244.5
10/14/2016 12:00	304.7
10/14/2016 13:00	268.4
10/14/2016 14:00	250.3
10/14/2016 15:00	201.7
10/14/2016 16:00	249.6
10/14/2016 17:00	231.6
10/14/2016 18:00	172.7
10/14/2016 19:00	172.5
10/14/2016 20:00	150.5
10/14/2016 21:00	196.2
10/14/2016 22:00	146.9
10/14/2016 23:00	140.6
10/15/2016 0:00	130.3
10/15/2016 1:00	134.1
10/15/2016 2:00	167.9
10/15/2016 3:00	143.2
10/15/2016 4:00	186.4
10/15/2016 5:00	223.6
10/15/2016 6:00	205.7
10/15/2016 7:00	136.8
10/15/2016 8:00	270.0
10/15/2016 9:00	254.5
10/15/2016 10:00	223.2
10/15/2016 11:00	276.7
10/15/2016 12:00	243.1
10/15/2016 13:00	269.6
10/15/2016 14:00	163.4
10/15/2016 15:00	152.6
10/15/2016 16:00	170.0
10/15/2016 17:00	132.8
10/15/2016 18:00	178.2
10/15/2016 19:00	208.8
10/15/2016 20:00	157.7
10/15/2016 21:00	164.4
10/15/2016 22:00	142.5
10/15/2016 23:00	143.8
10/16/2016 0:00	140.9
10/16/2016 1:00	121.7
10/16/2016 2:00	151.8
10/16/2016 3:00	186.8
10/16/2016 4:00	236.5
10/16/2016 5:00	226.8
10/16/2016 6:00	246.3
10/16/2016 7:00	234.6
10/16/2016 8:00	270.6
10/16/2016 9:00	262.2
10/16/2016 10:00	167.6
10/16/2016 11:00	169.1
10/16/2016 12:00	227.1
10/16/2016 13:00	153.8
10/16/2016 14:00	177.4
10/16/2016 15:00	189.2
10/16/2016 16:00	141.3
10/16/2016 17:00	158.5

Date & Time	Production Rate (GPM)
10/16/2016 18:00	203.8
10/16/2016 19:00	255.2
10/16/2016 20:00	155.2
10/16/2016 21:00	212.0
10/16/2016 22:00	278.2
10/16/2016 23:00	432.9
10/17/2016 0:00	371.8
10/17/2016 1:00	402.6
10/17/2016 2:00	225.2
10/17/2016 3:00	406.3
10/17/2016 4:00	436.7
10/17/2016 5:00	467.3
10/17/2016 6:00	428.1
10/17/2016 7:00	652.6
10/17/2016 8:00	508.9
10/17/2016 9:00	519.5
10/17/2016 10:00	478.3
10/17/2016 11:00	515.8
10/17/2016 12:00	396.0
10/17/2016 13:00	478.7
10/17/2016 14:00	542.7
10/17/2016 15:00	398.1
10/17/2016 16:00	387.6
10/17/2016 17:00	357.9
10/17/2016 18:00	299.0
10/17/2016 19:00	456.2
10/17/2016 20:00	402.6
10/17/2016 21:00	277.0
10/17/2016 22:00	247.7
10/17/2016 23:00	336.9
10/18/2016 0:00	222.8
10/18/2016 1:00	319.7
10/18/2016 2:00	329.5
10/18/2016 3:00	456.4
10/18/2016 4:00	426.8
10/18/2016 5:00	537.0
10/18/2016 6:00	433.9
10/18/2016 7:00	550.4
10/18/2016 8:00	546.0
10/18/2016 9:00	503.1
10/18/2016 10:00	488.6
10/18/2016 11:00	422.3
10/18/2016 12:00	307.2
10/18/2016 13:00	408.4
10/18/2016 14:00	479.6
10/18/2016 15:00	390.2
10/18/2016 16:00	393.3
10/18/2016 17:00	338.5
10/18/2016 18:00	355.9
10/18/2016 19:00	336.9
10/18/2016 20:00	347.8
10/18/2016 21:00	422.6
10/18/2016 22:00	414.5
10/18/2016 23:00	259.7
10/19/2016 0:00	287.8
10/19/2016 1:00	353.3
10/19/2016 2:00	349.7
10/19/2016 3:00	317.3
10/19/2016 4:00	437.2
10/19/2016 5:00	620.2
10/19/2016 6:00	489.4
10/19/2016 7:00	657.8
10/19/2016 8:00	647.9

Date & Time	Production Rate (GPM)
10/19/2016 9:00	622.5
10/19/2016 10:00	530.1
10/19/2016 11:00	476.3
10/19/2016 12:00	363.1
10/19/2016 13:00	367.7
10/19/2016 14:00	305.5
10/19/2016 15:00	334.0
10/19/2016 16:00	358.8
10/19/2016 17:00	340.0
10/19/2016 18:00	297.0
10/19/2016 19:00	347.2
10/19/2016 20:00	301.3
10/19/2016 21:00	369.6
10/19/2016 22:00	283.2
10/19/2016 23:00	302.5
10/20/2016 0:00	327.8
10/20/2016 1:00	288.3
10/20/2016 2:00	315.4
10/20/2016 3:00	353.7
10/20/2016 4:00	304.9
10/20/2016 5:00	449.3
10/20/2016 6:00	551.7
10/20/2016 7:00	673.4
10/20/2016 8:00	514.3
10/20/2016 9:00	485.1
10/20/2016 10:00	414.8
10/20/2016 11:00	414.1
10/20/2016 12:00	365.1
10/20/2016 13:00	293.2
10/20/2016 14:00	341.6
10/20/2016 15:00	292.7
10/20/2016 16:00	292.4
10/20/2016 17:00	322.3
10/20/2016 18:00	283.8
10/20/2016 19:00	249.6
10/20/2016 20:00	277.7
10/20/2016 21:00	298.3
10/20/2016 22:00	273.2
10/20/2016 23:00	230.2
10/21/2016 0:00	279.0
10/21/2016 1:00	339.8
10/21/2016 2:00	376.6
10/21/2016 3:00	303.7
10/21/2016 4:00	419.5
10/21/2016 5:00	556.7
10/21/2016 6:00	471.1
10/21/2016 7:00	620.6
10/21/2016 8:00	632.9
10/21/2016 9:00	494.4
10/21/2016 10:00	364.2
10/21/2016 11:00	279.3
10/21/2016 12:00	292.4
10/21/2016 13:00	319.5
10/21/2016 14:00	298.2
10/21/2016 15:00	327.4
10/21/2016 16:00	250.3
10/21/2016 17:00	298.0
10/21/2016 18:00	244.8
10/21/2016 19:00	240.0
10/21/2016 20:00	315.1
10/21/2016 21:00	219.6
10/21/2016 22:00	354.5
10/21/2016 23:00	255.6

Date & Time	Production Rate (GPM)
10/22/2016 0:00	316.0
10/22/2016 1:00	262.3
10/22/2016 2:00	268.5
10/22/2016 3:00	390.3
10/22/2016 4:00	269.6
10/22/2016 5:00	440.0
10/22/2016 6:00	388.1
10/22/2016 7:00	552.8
10/22/2016 8:00	474.6
10/22/2016 9:00	452.9
10/22/2016 10:00	404.1
10/22/2016 11:00	317.9
10/22/2016 12:00	303.8
10/22/2016 13:00	301.8
10/22/2016 14:00	222.0
10/22/2016 15:00	374.0
10/22/2016 16:00	341.9
10/22/2016 17:00	339.6
10/22/2016 18:00	289.9
10/22/2016 19:00	320.5
10/22/2016 20:00	414.0
10/22/2016 21:00	282.9
10/22/2016 22:00	366.4
10/22/2016 23:00	340.5
10/23/2016 0:00	274.7
10/23/2016 1:00	380.1
10/23/2016 2:00	289.3
10/23/2016 3:00	299.7
10/23/2016 4:00	313.3
10/23/2016 5:00	373.8
10/23/2016 6:00	413.3
10/23/2016 7:00	356.9
10/23/2016 8:00	586.9
10/23/2016 9:00	421.1
10/23/2016 10:00	321.0
10/23/2016 11:00	275.0
10/23/2016 12:00	278.9
10/23/2016 13:00	234.9
10/23/2016 14:00	274.5
10/23/2016 15:00	198.8
10/23/2016 16:00	243.6
10/23/2016 17:00	265.3
10/23/2016 18:00	312.1
10/23/2016 19:00	272.1
10/23/2016 20:00	283.4
10/23/2016 21:00	483.5
10/23/2016 22:00	264.9
10/23/2016 23:00	408.4
10/24/2016 0:00	309.4
10/24/2016 1:00	280.6
10/24/2016 2:00	328.7
10/24/2016 3:00	263.5
10/24/2016 4:00	344.3
10/24/2016 5:00	428.6
10/24/2016 6:00	644.6
10/24/2016 7:00	477.6
10/24/2016 8:00	468.7
10/24/2016 9:00	370.5
10/24/2016 10:00	418.3
10/24/2016 11:00	486.0
10/24/2016 12:00	388.7
10/24/2016 13:00	429.9
10/24/2016 14:00	345.9

Date & Time	Production Rate (GPM)
10/24/2016 15:00	400.3
10/24/2016 16:00	256.3
10/24/2016 17:00	252.3
10/24/2016 18:00	267.1
10/24/2016 19:00	379.0
10/24/2016 20:00	370.5
10/24/2016 21:00	282.2
10/24/2016 22:00	260.1
10/24/2016 23:00	253.0
10/25/2016 0:00	314.0
10/25/2016 1:00	333.3
10/25/2016 2:00	487.0
10/25/2016 3:00	292.6
10/25/2016 4:00	358.5
10/25/2016 5:00	525.4
10/25/2016 6:00	486.0
10/25/2016 7:00	571.6
10/25/2016 8:00	520.7
10/25/2016 9:00	432.9
10/25/2016 10:00	398.1
10/25/2016 11:00	395.5
10/25/2016 12:00	291.5
10/25/2016 13:00	372.1
10/25/2016 14:00	243.2
10/25/2016 15:00	305.8
10/25/2016 16:00	269.0
10/25/2016 17:00	365.7
10/25/2016 18:00	306.8
10/25/2016 19:00	475.8
10/25/2016 20:00	318.7
10/25/2016 21:00	330.2
10/25/2016 22:00	236.4
10/25/2016 23:00	267.7
10/26/2016 0:00	300.8
10/26/2016 1:00	283.5
10/26/2016 2:00	243.2
10/26/2016 3:00	496.6
10/26/2016 4:00	530.1
10/26/2016 5:00	296.4
10/26/2016 6:00	516.3
10/26/2016 7:00	488.2
10/26/2016 8:00	516.6
10/26/2016 9:00	395.0
10/26/2016 10:00	371.1
10/26/2016 11:00	358.7
10/26/2016 12:00	319.9
10/26/2016 13:00	380.3
10/26/2016 14:00	242.1
10/26/2016 15:00	242.3
10/26/2016 16:00	219.7
10/26/2016 17:00	282.9
10/26/2016 18:00	284.8
10/26/2016 19:00	287.8
10/26/2016 20:00	281.4
10/26/2016 21:00	295.0
10/26/2016 22:00	311.8
10/26/2016 23:00	311.4
10/27/2016 0:00	265.6
10/27/2016 1:00	268.3
10/27/2016 2:00	248.8
10/27/2016 3:00	309.9
10/27/2016 4:00	363.5
10/27/2016 5:00	433.0

Date & Time	Production Rate (GPM)
10/27/2016 6:00	526.0
10/27/2016 7:00	523.3
10/27/2016 8:00	477.0
10/27/2016 9:00	414.2
10/27/2016 10:00	372.1
10/27/2016 11:00	326.4
10/27/2016 12:00	399.7
10/27/2016 13:00	296.4
10/27/2016 14:00	309.8
10/27/2016 15:00	249.4
10/27/2016 16:00	253.1
10/27/2016 17:00	284.9
10/27/2016 18:00	306.5
10/27/2016 19:00	310.7
10/27/2016 20:00	345.6
10/27/2016 21:00	329.1
10/27/2016 22:00	221.7
10/27/2016 23:00	238.7
10/28/2016 0:00	255.2
10/28/2016 1:00	321.9
10/28/2016 2:00	335.0
10/28/2016 3:00	291.4
10/28/2016 4:00	322.1
10/28/2016 5:00	419.0
10/28/2016 6:00	455.7
10/28/2016 7:00	511.2
10/28/2016 8:00	412.7
10/28/2016 9:00	348.3
10/28/2016 10:00	389.7
10/28/2016 11:00	350.9
10/28/2016 12:00	374.5
10/28/2016 13:00	325.0
10/28/2016 14:00	351.4
10/28/2016 15:00	343.6
10/28/2016 16:00	335.1
10/28/2016 17:00	395.5
10/28/2016 18:00	313.4
10/28/2016 19:00	280.0
10/28/2016 20:00	337.0
10/28/2016 21:00	275.0
10/28/2016 22:00	337.5
10/28/2016 23:00	230.0
10/29/2016 0:00	288.2
10/29/2016 1:00	288.8
10/29/2016 2:00	276.4
10/29/2016 3:00	362.7
10/29/2016 4:00	273.2
10/29/2016 5:00	278.2
10/29/2016 6:00	407.6
10/29/2016 7:00	374.3
10/29/2016 8:00	446.3
10/29/2016 9:00	493.7
10/29/2016 10:00	312.5
10/29/2016 11:00	259.4
10/29/2016 12:00	305.2
10/29/2016 13:00	257.8
10/29/2016 14:00	234.5
10/29/2016 15:00	274.5
10/29/2016 16:00	313.0
10/29/2016 17:00	303.2
10/29/2016 18:00	280.7
10/29/2016 19:00	265.8
10/29/2016 20:00	288.7

Date & Time	Production Rate (GPM)
10/29/2016 21:00	322.3
10/29/2016 22:00	356.5
10/29/2016 23:00	288.8
10/30/2016 0:00	357.9
10/30/2016 1:00	324.6
10/30/2016 2:00	338.8
10/30/2016 3:00	323.5
10/30/2016 4:00	342.8
10/30/2016 5:00	380.5
10/30/2016 6:00	352.1
10/30/2016 7:00	383.9
10/30/2016 8:00	358.9
10/30/2016 9:00	384.9
10/30/2016 10:00	327.9
10/30/2016 11:00	425.8
10/30/2016 12:00	329.6
10/30/2016 13:00	267.8
10/30/2016 14:00	378.9
10/30/2016 15:00	254.5
10/30/2016 16:00	312.7
10/30/2016 17:00	349.2
10/30/2016 18:00	357.6
10/30/2016 19:00	336.8
10/30/2016 20:00	303.4
10/30/2016 21:00	281.2
10/30/2016 22:00	437.4
10/30/2016 23:00	261.7
10/31/2016 0:00	253.6
10/31/2016 1:00	413.7
10/31/2016 2:00	352.4
10/31/2016 3:00	553.4
10/31/2016 4:00	416.1
10/31/2016 5:00	617.7
10/31/2016 6:00	430.9
10/31/2016 7:00	728.9
10/31/2016 8:00	711.4
10/31/2016 9:00	549.8
10/31/2016 10:00	556.8
10/31/2016 11:00	333.7
10/31/2016 12:00	447.7
10/31/2016 13:00	348.8
10/31/2016 14:00	275.4
10/31/2016 15:00	439.3
10/31/2016 16:00	337.0
10/31/2016 17:00	431.4
10/31/2016 18:00	319.1
10/31/2016 19:00	351.1
10/31/2016 20:00	309.3
10/31/2016 21:00	389.8
10/31/2016 22:00	265.2
10/31/2016 23:00	312.5
11/1/2016 0:00	283.5
11/1/2016 1:00	268.0
11/1/2016 2:00	274.1
11/1/2016 3:00	249.5
11/1/2016 4:00	321.7
11/1/2016 5:00	421.6
11/1/2016 6:00	458.7
11/1/2016 7:00	617.7
11/1/2016 8:00	629.4
11/1/2016 9:00	474.3
11/1/2016 10:00	467.9
11/1/2016 11:00	427.1

Date & Time	Production Rate (GPM)
11/1/2016 12:00	438.1
11/1/2016 13:00	404.5
11/1/2016 14:00	400.0
11/1/2016 15:00	367.8
11/1/2016 16:00	335.7
11/1/2016 17:00	384.1
11/1/2016 18:00	315.5
11/1/2016 19:00	380.9
11/1/2016 20:00	315.1
11/1/2016 21:00	405.5
11/1/2016 22:00	323.3
11/1/2016 23:00	344.7
11/2/2016 0:00	290.1
11/2/2016 1:00	352.8
11/2/2016 2:00	347.9
11/2/2016 3:00	367.1
11/2/2016 4:00	422.3
11/2/2016 5:00	499.2
11/2/2016 6:00	509.3
11/2/2016 7:00	709.1
11/2/2016 8:00	695.6
11/2/2016 9:00	695.9
11/2/2016 10:00	601.6
11/2/2016 11:00	612.8
11/2/2016 12:00	391.7
11/2/2016 13:00	377.8
11/2/2016 14:00	247.1
11/2/2016 15:00	394.8
11/2/2016 16:00	309.3
11/2/2016 17:00	363.6
11/2/2016 18:00	333.5
11/2/2016 19:00	269.2
11/2/2016 20:00	268.0
11/2/2016 21:00	428.4
11/2/2016 22:00	377.6
11/2/2016 23:00	274.5
11/3/2016 0:00	295.0
11/3/2016 1:00	251.9
11/3/2016 2:00	369.7
11/3/2016 3:00	342.3
11/3/2016 4:00	403.2
11/3/2016 5:00	641.9
11/3/2016 6:00	576.1
11/3/2016 7:00	781.2
11/3/2016 8:00	833.8
11/3/2016 9:00	639.5
11/3/2016 10:00	536.5
11/3/2016 11:00	440.4
11/3/2016 12:00	467.4
11/3/2016 13:00	443.8
11/3/2016 14:00	375.2
11/3/2016 15:00	360.2
11/3/2016 16:00	288.3
11/3/2016 17:00	291.8
11/3/2016 18:00	257.4
11/3/2016 19:00	437.2
11/3/2016 20:00	345.3
11/3/2016 21:00	431.7
11/3/2016 22:00	264.7
11/3/2016 23:00	313.0
11/4/2016 0:00	308.3
11/4/2016 1:00	283.2
11/4/2016 2:00	436.2

Date & Time	Production Rate (GPM)
11/4/2016 3:00	289.3
11/4/2016 4:00	460.0
11/4/2016 5:00	573.4
11/4/2016 6:00	611.0
11/4/2016 7:00	861.4
11/4/2016 8:00	764.2
11/4/2016 9:00	788.5
11/4/2016 10:00	588.6
11/4/2016 11:00	398.0
11/4/2016 12:00	556.2
11/4/2016 13:00	392.5
11/4/2016 14:00	401.6
11/4/2016 15:00	406.8
11/4/2016 16:00	416.6
11/4/2016 17:00	326.9
11/4/2016 18:00	303.7
11/4/2016 19:00	545.5
11/4/2016 20:00	400.2
11/4/2016 21:00	355.6
11/4/2016 22:00	315.9
11/4/2016 23:00	311.9
11/5/2016 0:00	368.4
11/5/2016 1:00	297.9
11/5/2016 2:00	354.6
11/5/2016 3:00	393.2
11/5/2016 4:00	365.6
11/5/2016 5:00	480.4
11/5/2016 6:00	521.1
11/5/2016 7:00	623.1
11/5/2016 8:00	518.2
11/5/2016 9:00	788.1
11/5/2016 10:00	573.2
11/5/2016 11:00	469.3
11/5/2016 12:00	418.1
11/5/2016 13:00	373.1
11/5/2016 14:00	318.0
11/5/2016 15:00	372.6
11/5/2016 16:00	361.1
11/5/2016 17:00	315.2
11/5/2016 18:00	225.4
11/5/2016 19:00	305.0
11/5/2016 20:00	340.8
11/5/2016 21:00	309.1
11/5/2016 22:00	264.1
11/5/2016 23:00	276.7
11/6/2016 0:00	294.3
11/6/2016 1:00	257.3
11/6/2016 1:00	203.7
11/6/2016 2:00	343.0
11/6/2016 3:00	219.4
11/6/2016 4:00	323.9
11/6/2016 5:00	292.5
11/6/2016 6:00	358.7
11/6/2016 7:00	389.8
11/6/2016 8:00	367.9
11/6/2016 9:00	342.4
11/6/2016 10:00	301.8
11/6/2016 11:00	340.1
11/6/2016 12:00	389.8
11/6/2016 13:00	288.2
11/6/2016 14:00	238.9
11/6/2016 15:00	318.4
11/6/2016 16:00	280.9

Date & Time	Production Rate (GPM)
11/6/2016 17:00	177.4
11/6/2016 18:00	280.1
11/6/2016 19:00	315.1
11/6/2016 20:00	346.4
11/6/2016 21:00	406.5
11/6/2016 22:00	361.1
11/6/2016 23:00	350.2
11/7/2016 0:00	303.1
11/7/2016 1:00	378.9
11/7/2016 2:00	317.7
11/7/2016 3:00	390.7
11/7/2016 4:00	489.1
11/7/2016 5:00	489.2
11/7/2016 6:00	526.8
11/7/2016 7:00	786.7
11/7/2016 8:00	710.4
11/7/2016 9:00	658.2
11/7/2016 10:00	361.5
11/7/2016 11:00	542.3
11/7/2016 12:00	420.0
11/7/2016 13:00	360.3
11/7/2016 14:00	424.5
11/7/2016 15:00	330.5
11/7/2016 16:00	406.8
11/7/2016 17:00	446.1
11/7/2016 18:00	515.0
11/7/2016 19:00	436.9
11/7/2016 20:00	400.3
11/7/2016 21:00	432.3
11/7/2016 22:00	444.7
11/7/2016 23:00	378.5
11/8/2016 0:00	335.3
11/8/2016 1:00	334.9
11/8/2016 2:00	339.2
11/8/2016 3:00	336.6
11/8/2016 4:00	368.4
11/8/2016 5:00	626.7
11/8/2016 6:00	599.8
11/8/2016 7:00	819.7
11/8/2016 8:00	821.0
11/8/2016 9:00	681.5
11/8/2016 10:00	505.6
11/8/2016 11:00	458.5
11/8/2016 12:00	353.3
11/8/2016 13:00	369.3
11/8/2016 14:00	386.4
11/8/2016 15:00	237.8
11/8/2016 16:00	286.6
11/8/2016 17:00	298.3
11/8/2016 18:00	373.2
11/8/2016 19:00	314.1
11/8/2016 20:00	390.1
11/8/2016 21:00	298.4
11/8/2016 22:00	348.2
11/8/2016 23:00	312.7
11/9/2016 0:00	291.5
11/9/2016 1:00	285.4
11/9/2016 2:00	390.5
11/9/2016 3:00	378.8
11/9/2016 4:00	481.2
11/9/2016 5:00	517.0
11/9/2016 6:00	573.1
11/9/2016 7:00	779.9

Date & Time	Production Rate (GPM)
11/9/2016 8:00	595.5
11/9/2016 9:00	484.2
11/9/2016 10:00	390.4
11/9/2016 11:00	411.1
11/9/2016 12:00	396.9
11/9/2016 13:00	346.4
11/9/2016 14:00	347.3
11/9/2016 15:00	297.6
11/9/2016 16:00	349.7
11/9/2016 17:00	336.6
11/9/2016 18:00	262.2
11/9/2016 19:00	411.8
11/9/2016 20:00	323.5
11/9/2016 21:00	445.1
11/9/2016 22:00	343.8
11/9/2016 23:00	308.3
11/10/2016 0:00	350.1
11/10/2016 1:00	370.0
11/10/2016 2:00	357.2
11/10/2016 3:00	343.7
11/10/2016 4:00	447.4
11/10/2016 5:00	543.5
11/10/2016 6:00	478.7
11/10/2016 7:00	656.6
11/10/2016 8:00	621.2
11/10/2016 9:00	527.4
11/10/2016 10:00	471.8
11/10/2016 11:00	411.4
11/10/2016 12:00	324.9
11/10/2016 13:00	298.1
11/10/2016 14:00	289.3
11/10/2016 15:00	230.6
11/10/2016 16:00	291.5
11/10/2016 17:00	258.4
11/10/2016 18:00	338.1
11/10/2016 19:00	338.8
11/10/2016 20:00	303.7
11/10/2016 21:00	422.8
11/10/2016 22:00	349.7
11/10/2016 23:00	402.6
11/11/2016 0:00	366.7
11/11/2016 1:00	400.7
11/11/2016 2:00	349.5
11/11/2016 3:00	386.8
11/11/2016 4:00	370.7
11/11/2016 5:00	462.5
11/11/2016 6:00	579.4
11/11/2016 7:00	743.6
11/11/2016 8:00	559.2
11/11/2016 9:00	485.0
11/11/2016 10:00	375.7
11/11/2016 11:00	411.2
11/11/2016 12:00	373.0
11/11/2016 13:00	308.9
11/11/2016 14:00	348.4
11/11/2016 15:00	266.7
11/11/2016 16:00	270.2
11/11/2016 17:00	245.8
11/11/2016 18:00	366.1
11/11/2016 19:00	413.6
11/11/2016 20:00	317.8
11/11/2016 21:00	348.8
11/11/2016 22:00	447.7

Date & Time	Production Rate (GPM)
11/11/2016 23:00	279.0
11/12/2016 0:00	253.2
11/12/2016 1:00	239.5
11/12/2016 2:00	354.8
11/12/2016 3:00	269.7
11/12/2016 4:00	279.0
11/12/2016 5:00	304.4
11/12/2016 6:00	460.4
11/12/2016 7:00	460.4
11/12/2016 8:00	510.1
11/12/2016 9:00	449.0
11/12/2016 10:00	406.3
11/12/2016 11:00	346.5
11/12/2016 12:00	345.6
11/12/2016 13:00	274.9
11/12/2016 14:00	308.6
11/12/2016 15:00	277.8
11/12/2016 16:00	270.3
11/12/2016 17:00	240.0
11/12/2016 18:00	324.7
11/12/2016 19:00	301.6
11/12/2016 20:00	330.2
11/12/2016 21:00	311.8
11/12/2016 22:00	348.4
11/12/2016 23:00	309.2
11/13/2016 0:00	328.9
11/13/2016 1:00	361.7
11/13/2016 2:00	320.3
11/13/2016 3:00	437.4
11/13/2016 4:00	463.9
11/13/2016 5:00	375.2
11/13/2016 6:00	483.9
11/13/2016 7:00	594.9
11/13/2016 8:00	743.4
11/13/2016 9:00	414.7
11/13/2016 10:00	352.4
11/13/2016 11:00	332.7
11/13/2016 12:00	347.9
11/13/2016 13:00	299.7
11/13/2016 14:00	303.1
11/13/2016 15:00	256.2
11/13/2016 16:00	261.4
11/13/2016 17:00	351.3
11/13/2016 18:00	308.9
11/13/2016 19:00	462.2
11/13/2016 20:00	281.6
11/13/2016 21:00	312.1
11/13/2016 22:00	256.2
11/13/2016 23:00	274.4
11/14/2016 0:00	287.7
11/14/2016 1:00	268.7
11/14/2016 2:00	363.5
11/14/2016 3:00	414.9
11/14/2016 4:00	404.0
11/14/2016 5:00	445.5
11/14/2016 6:00	550.7
11/14/2016 7:00	739.1
11/14/2016 8:00	647.8
11/14/2016 9:00	615.0
11/14/2016 10:00	553.0
11/14/2016 11:00	503.1
11/14/2016 12:00	423.6
11/14/2016 13:00	539.4

Date & Time	Production Rate (GPM)
11/14/2016 14:00	397.2
11/14/2016 15:00	447.7
11/14/2016 16:00	374.5
11/14/2016 17:00	616.4
11/14/2016 18:00	534.3
11/14/2016 19:00	415.4
11/14/2016 20:00	427.1
11/14/2016 21:00	352.3
11/14/2016 22:00	383.1
11/14/2016 23:00	397.1
11/15/2016 0:00	303.3
11/15/2016 1:00	331.0
11/15/2016 2:00	348.9
11/15/2016 3:00	413.9
11/15/2016 4:00	414.9
11/15/2016 5:00	440.6
11/15/2016 6:00	603.5
11/15/2016 7:00	706.8
11/15/2016 8:00	709.1
11/15/2016 9:00	473.3
11/15/2016 10:00	562.0
11/15/2016 11:00	422.0
11/15/2016 12:00	497.9
11/15/2016 13:00	436.2
11/15/2016 14:00	362.3
11/15/2016 15:00	451.4
11/15/2016 16:00	456.1
11/15/2016 17:00	400.4
11/15/2016 18:00	328.2
11/15/2016 19:00	501.1
11/15/2016 20:00	387.8
11/15/2016 21:00	511.2
11/15/2016 22:00	259.2
11/15/2016 23:00	358.3
11/16/2016 0:00	352.5
11/16/2016 1:00	381.3
11/16/2016 2:00	454.6
11/16/2016 3:00	463.2
11/16/2016 4:00	470.6
11/16/2016 5:00	503.4
11/16/2016 6:00	619.4
11/16/2016 7:00	891.7
11/16/2016 8:00	795.5
11/16/2016 9:00	675.0
11/16/2016 10:00	545.9
11/16/2016 11:00	583.3
11/16/2016 12:00	568.7
11/16/2016 13:00	446.6
11/16/2016 14:00	480.2
11/16/2016 15:00	480.2
11/16/2016 16:00	575.4
11/16/2016 17:00	612.1
11/16/2016 18:00	707.9
11/16/2016 19:00	731.4
11/16/2016 20:00	689.5
11/16/2016 21:00	714.4
11/16/2016 22:00	875.0
11/16/2016 23:00	810.9
11/17/2016 0:00	771.6
11/17/2016 1:00	786.7
11/17/2016 2:00	834.8
11/17/2016 3:00	869.8
11/17/2016 4:00	938.3

Date & Time	Production Rate (GPM)
11/17/2016 5:00	866.4
11/17/2016 6:00	979.1
11/17/2016 7:00	1065.7
11/17/2016 8:00	1012.4
11/17/2016 9:00	987.5
11/17/2016 10:00	812.8
11/17/2016 11:00	530.2
11/17/2016 12:00	274.7
11/17/2016 13:00	344.7
11/17/2016 14:00	115.3
11/17/2016 15:00	345.9
11/17/2016 16:00	778.4
11/17/2016 17:00	760.9
11/17/2016 18:00	798.8
11/17/2016 19:00	788.3
11/17/2016 20:00	743.9
11/17/2016 21:00	764.9
11/17/2016 22:00	924.6
11/17/2016 23:00	903.7
11/18/2016 0:00	833.7
11/18/2016 1:00	801.9
11/18/2016 2:00	741.4
11/18/2016 3:00	874.9
11/18/2016 4:00	877.8
11/18/2016 5:00	905.1
11/18/2016 6:00	945.3
11/18/2016 7:00	1044.2
11/18/2016 8:00	1019.3
11/18/2016 9:00	983.5
11/18/2016 10:00	848.5
11/18/2016 11:00	702.5
11/18/2016 12:00	841.7
11/18/2016 13:00	480.2
11/18/2016 14:00	493.4
11/18/2016 15:00	712.8
11/18/2016 16:00	724.2
11/18/2016 17:00	863.9
11/18/2016 18:00	609.0
11/18/2016 19:00	653.9
11/18/2016 20:00	525.6
11/18/2016 21:00	619.2
11/18/2016 22:00	605.4
11/18/2016 23:00	558.8
11/19/2016 0:00	563.3
11/19/2016 1:00	619.7
11/19/2016 2:00	574.3
11/19/2016 3:00	585.4
11/19/2016 4:00	629.1
11/19/2016 5:00	595.5
11/19/2016 6:00	712.0
11/19/2016 7:00	733.1
11/19/2016 8:00	814.1
11/19/2016 9:00	636.0
11/19/2016 10:00	446.6
11/19/2016 11:00	537.0
11/19/2016 12:00	558.3
11/19/2016 13:00	522.7
11/19/2016 14:00	509.1
11/19/2016 15:00	542.4
11/19/2016 16:00	599.7
11/19/2016 17:00	563.9
11/19/2016 18:00	513.4
11/19/2016 19:00	533.0

Date & Time	Production Rate (GPM)
11/19/2016 20:00	538.7
11/19/2016 21:00	488.6
11/19/2016 22:00	753.2
11/19/2016 23:00	611.8
11/20/2016 0:00	641.8
11/20/2016 1:00	561.3
11/20/2016 2:00	601.6
11/20/2016 3:00	714.0
11/20/2016 4:00	644.9
11/20/2016 5:00	771.5
11/20/2016 6:00	669.8
11/20/2016 7:00	737.2
11/20/2016 8:00	807.7
11/20/2016 9:00	681.7
11/20/2016 10:00	627.8
11/20/2016 11:00	903.3
11/20/2016 12:00	576.5
11/20/2016 13:00	556.2
11/20/2016 14:00	524.7
11/20/2016 15:00	572.0
11/20/2016 16:00	529.0
11/20/2016 17:00	651.9
11/20/2016 18:00	557.8
11/20/2016 19:00	480.2
11/20/2016 20:00	559.1
11/20/2016 21:00	551.0
11/20/2016 22:00	796.4
11/20/2016 23:00	676.2
11/21/2016 0:00	531.8
11/21/2016 1:00	621.1
11/21/2016 2:00	608.7
11/21/2016 3:00	753.7
11/21/2016 4:00	893.6
11/21/2016 5:00	1002.3
11/21/2016 6:00	908.9
11/21/2016 7:00	1135.1
11/21/2016 8:00	1009.0
11/21/2016 9:00	981.3
11/21/2016 10:00	799.6
11/21/2016 11:00	519.3
11/21/2016 12:00	560.9
11/21/2016 13:00	582.2
11/21/2016 14:00	480.0
11/21/2016 15:00	674.2
11/21/2016 16:00	534.5
11/21/2016 17:00	761.3
11/21/2016 18:00	523.0
11/21/2016 19:00	733.9
11/21/2016 20:00	542.0
11/21/2016 21:00	679.5
11/21/2016 22:00	592.1
11/21/2016 23:00	841.5
11/22/2016 0:00	700.4
11/22/2016 1:00	824.4
11/22/2016 2:00	738.7
11/22/2016 3:00	931.2
11/22/2016 4:00	1051.0
11/22/2016 5:00	972.3
11/22/2016 6:00	1074.7
11/22/2016 7:00	1136.2
11/22/2016 8:00	1142.3
11/22/2016 9:00	940.0
11/22/2016 10:00	738.8

Date & Time	Production Rate (GPM)
11/22/2016 11:00	614.0
11/22/2016 12:00	811.2
11/22/2016 13:00	557.1
11/22/2016 14:00	454.1
11/22/2016 15:00	419.4
11/22/2016 16:00	533.3
11/22/2016 17:00	490.9
11/22/2016 18:00	544.4
11/22/2016 19:00	416.7
11/22/2016 20:00	531.4
11/22/2016 21:00	472.2
11/22/2016 22:00	358.4
11/22/2016 23:00	425.4
11/23/2016 0:00	474.4
11/23/2016 1:00	390.7
11/23/2016 2:00	483.7
11/23/2016 3:00	520.4
11/23/2016 4:00	486.9
11/23/2016 5:00	637.6
11/23/2016 6:00	634.3
11/23/2016 7:00	754.1
11/23/2016 8:00	681.3
11/23/2016 9:00	674.4
11/23/2016 10:00	630.3
11/23/2016 11:00	591.3
11/23/2016 12:00	527.8
11/23/2016 13:00	555.8
11/23/2016 14:00	558.3
11/23/2016 15:00	509.5
11/23/2016 16:00	593.3
11/23/2016 17:00	676.6
11/23/2016 18:00	654.3
11/23/2016 19:00	593.7
11/23/2016 20:00	668.0
11/23/2016 21:00	517.8
11/23/2016 22:00	467.5
11/23/2016 23:00	651.2
11/24/2016 0:00	537.0
11/24/2016 1:00	466.7
11/24/2016 2:00	699.5
11/24/2016 3:00	644.5
11/24/2016 4:00	633.7
11/24/2016 5:00	790.9
11/24/2016 6:00	1037.2
11/24/2016 7:00	964.1
11/24/2016 8:00	768.2
11/24/2016 9:00	711.0
11/24/2016 10:00	665.2
11/24/2016 11:00	703.3
11/24/2016 12:00	490.5
11/24/2016 13:00	444.1
11/24/2016 14:00	396.5
11/24/2016 15:00	492.4
11/24/2016 16:00	578.1
11/24/2016 17:00	506.4
11/24/2016 18:00	470.4
11/24/2016 19:00	623.5
11/24/2016 20:00	444.0
11/24/2016 21:00	401.9
11/24/2016 22:00	375.2
11/24/2016 23:00	409.0
11/25/2016 0:00	361.7
11/25/2016 1:00	513.9

Date & Time	Production Rate (GPM)
11/25/2016 2:00	504.9
11/25/2016 3:00	661.8
11/25/2016 4:00	772.5
11/25/2016 5:00	682.9
11/25/2016 6:00	900.0
11/25/2016 7:00	708.4
11/25/2016 8:00	738.1
11/25/2016 9:00	722.4
11/25/2016 10:00	707.6
11/25/2016 11:00	483.7
11/25/2016 12:00	580.3
11/25/2016 13:00	612.2
11/25/2016 14:00	539.8
11/25/2016 15:00	470.4
11/25/2016 16:00	455.4
11/25/2016 17:00	498.9
11/25/2016 18:00	411.9
11/25/2016 19:00	506.1
11/25/2016 20:00	386.2
11/25/2016 21:00	502.1
11/25/2016 22:00	389.0
11/25/2016 23:00	374.8
11/26/2016 0:00	541.9
11/26/2016 1:00	428.0
11/26/2016 2:00	472.2
11/26/2016 3:00	529.2
11/26/2016 4:00	808.2
11/26/2016 5:00	691.7
11/26/2016 6:00	729.8
11/26/2016 7:00	913.9
11/26/2016 8:00	790.6
11/26/2016 9:00	912.7
11/26/2016 10:00	955.5
11/26/2016 11:00	778.3
11/26/2016 12:00	373.3
11/26/2016 13:00	417.5
11/26/2016 14:00	452.7
11/26/2016 15:00	507.2
11/26/2016 16:00	394.6
11/26/2016 17:00	464.8
11/26/2016 18:00	390.5
11/26/2016 19:00	419.3
11/26/2016 20:00	392.3
11/26/2016 21:00	336.3
11/26/2016 22:00	373.6
11/26/2016 23:00	630.0
11/27/2016 0:00	548.1
11/27/2016 1:00	566.5
11/27/2016 2:00	461.9
11/27/2016 3:00	531.4
11/27/2016 4:00	364.3
11/27/2016 5:00	487.5
11/27/2016 6:00	647.4
11/27/2016 7:00	649.8
11/27/2016 8:00	571.9
11/27/2016 9:00	651.3
11/27/2016 10:00	546.5
11/27/2016 11:00	446.6
11/27/2016 12:00	406.1
11/27/2016 13:00	439.6
11/27/2016 14:00	389.1
11/27/2016 15:00	615.1
11/27/2016 16:00	458.9

Date & Time	Production Rate (GPM)
11/27/2016 17:00	482.2
11/27/2016 18:00	522.2
11/27/2016 19:00	435.4
11/27/2016 20:00	567.6
11/27/2016 21:00	720.2
11/27/2016 22:00	667.1
11/27/2016 23:00	603.5
11/28/2016 0:00	473.7
11/28/2016 1:00	768.8
11/28/2016 2:00	673.7
11/28/2016 3:00	866.3
11/28/2016 4:00	733.4
11/28/2016 5:00	738.5
11/28/2016 6:00	914.2
11/28/2016 7:00	1163.2
11/28/2016 8:00	1077.4
11/28/2016 9:00	978.6
11/28/2016 10:00	864.9
11/28/2016 11:00	802.5
11/28/2016 12:00	616.4
11/28/2016 13:00	807.4
11/28/2016 14:00	676.5
11/28/2016 15:00	696.3
11/28/2016 16:00	672.2
11/28/2016 17:00	779.5
11/28/2016 18:00	823.1
11/28/2016 19:00	696.7
11/28/2016 20:00	749.2
11/28/2016 21:00	725.8
11/28/2016 22:00	811.8
11/28/2016 23:00	631.5
11/29/2016 0:00	716.0
11/29/2016 1:00	945.9
11/29/2016 2:00	908.2
11/29/2016 3:00	862.0
11/29/2016 4:00	909.4
11/29/2016 5:00	937.7
11/29/2016 6:00	1108.7
11/29/2016 7:00	1096.9
11/29/2016 8:00	1053.0
11/29/2016 9:00	1084.8
11/29/2016 10:00	956.7
11/29/2016 11:00	678.0
11/29/2016 12:00	636.9
11/29/2016 13:00	741.8
11/29/2016 14:00	480.0
11/29/2016 15:00	509.6
11/29/2016 16:00	582.9
11/29/2016 17:00	690.8
11/29/2016 18:00	648.3
11/29/2016 19:00	823.1
11/29/2016 20:00	628.1
11/29/2016 21:00	761.5
11/29/2016 22:00	603.1
11/29/2016 23:00	819.0
11/30/2016 0:00	870.0
11/30/2016 1:00	741.4
11/30/2016 2:00	835.6
11/30/2016 3:00	658.3
11/30/2016 4:00	647.9
11/30/2016 5:00	827.5
11/30/2016 6:00	973.4
11/30/2016 7:00	938.3

Date & Time	Production Rate (GPM)
11/30/2016 8:00	1078.1
11/30/2016 9:00	916.0
11/30/2016 10:00	747.1
11/30/2016 11:00	746.7
11/30/2016 12:00	778.2
11/30/2016 13:00	728.5
11/30/2016 14:00	650.8
11/30/2016 15:00	815.6
11/30/2016 16:00	717.6
11/30/2016 17:00	541.5
11/30/2016 18:00	528.4
11/30/2016 19:00	710.4
11/30/2016 20:00	631.8
11/30/2016 21:00	817.3
11/30/2016 22:00	839.5
11/30/2016 23:00	859.1
12/1/2016 0:00	523.5
12/1/2016 1:00	799.7
12/1/2016 2:00	671.6
12/1/2016 3:00	624.6
12/1/2016 4:00	822.1
12/1/2016 5:00	596.8
12/1/2016 6:00	897.3
12/1/2016 7:00	1028.8
12/1/2016 8:00	1237.7
12/1/2016 9:00	1180.4
12/1/2016 10:00	868.5
12/1/2016 11:00	637.4
12/1/2016 12:00	651.7
12/1/2016 13:00	677.9
12/1/2016 14:00	543.6
12/1/2016 15:00	578.0
12/1/2016 16:00	716.5
12/1/2016 17:00	732.6
12/1/2016 18:00	692.5
12/1/2016 19:00	713.2
12/1/2016 20:00	635.4
12/1/2016 21:00	602.0
12/1/2016 22:00	696.4
12/1/2016 23:00	836.0
12/2/2016 0:00	753.0
12/2/2016 1:00	819.8
12/2/2016 2:00	827.3
12/2/2016 3:00	816.3
12/2/2016 4:00	1020.4
12/2/2016 5:00	1226.2
12/2/2016 6:00	1083.9
12/2/2016 7:00	1481.6
12/2/2016 8:00	1495.6
12/2/2016 9:00	1501.6
12/2/2016 10:00	1278.0
12/2/2016 11:00	918.7
12/2/2016 12:00	929.6
12/2/2016 13:00	610.0
12/2/2016 14:00	638.0
12/2/2016 15:00	613.9
12/2/2016 16:00	803.7
12/2/2016 17:00	793.6
12/2/2016 18:00	796.8
12/2/2016 19:00	665.4
12/2/2016 20:00	671.8
12/2/2016 21:00	732.9
12/2/2016 22:00	732.9

Date & Time	Production Rate (GPM)
12/2/2016 23:00	740.4
12/3/2016 0:00	576.2
12/3/2016 1:00	558.4
12/3/2016 2:00	715.1
12/3/2016 3:00	635.3
12/3/2016 4:00	532.1
12/3/2016 5:00	748.1
12/3/2016 6:00	637.6
12/3/2016 7:00	991.1
12/3/2016 8:00	996.9
12/3/2016 9:00	1141.2
12/3/2016 10:00	860.4
12/3/2016 11:00	1046.5
12/3/2016 12:00	820.0
12/3/2016 13:00	736.5
12/3/2016 14:00	630.9
12/3/2016 15:00	585.0
12/3/2016 16:00	605.8
12/3/2016 17:00	778.1
12/3/2016 18:00	500.5
12/3/2016 19:00	727.2
12/3/2016 20:00	528.5
12/3/2016 21:00	562.6
12/3/2016 22:00	748.1
12/3/2016 23:00	654.7
12/4/2016 0:00	712.5
12/4/2016 1:00	633.1
12/4/2016 2:00	728.1
12/4/2016 3:00	830.5
12/4/2016 4:00	818.1
12/4/2016 5:00	618.0
12/4/2016 6:00	666.6
12/4/2016 7:00	726.7
12/4/2016 8:00	811.3
12/4/2016 9:00	788.6
12/4/2016 10:00	612.4
12/4/2016 11:00	641.8
12/4/2016 12:00	621.1
12/4/2016 13:00	523.3
12/4/2016 14:00	515.6
12/4/2016 15:00	542.3
12/4/2016 16:00	667.4
12/4/2016 17:00	758.4
12/4/2016 18:00	567.5
12/4/2016 19:00	528.2
12/4/2016 20:00	598.0
12/4/2016 21:00	511.7
12/4/2016 22:00	828.3
12/4/2016 23:00	826.1
12/5/2016 0:00	764.9
12/5/2016 1:00	853.9
12/5/2016 2:00	829.5
12/5/2016 3:00	770.9
12/5/2016 4:00	1075.5
12/5/2016 5:00	1195.9
12/5/2016 6:00	1310.4
12/5/2016 7:00	1538.5
12/5/2016 8:00	1542.3
12/5/2016 9:00	855.3
12/5/2016 10:00	942.2
12/5/2016 11:00	895.8
12/5/2016 12:00	752.3
12/5/2016 13:00	780.2

Date & Time	Production Rate (GPM)
12/5/2016 14:00	792.9
12/5/2016 15:00	782.5
12/5/2016 16:00	807.4
12/5/2016 17:00	851.6
12/5/2016 18:00	860.7
12/5/2016 19:00	870.9
12/5/2016 20:00	838.7
12/5/2016 21:00	772.4
12/5/2016 22:00	839.8
12/5/2016 23:00	793.5
12/6/2016 0:00	814.6
12/6/2016 1:00	792.6
12/6/2016 2:00	794.0
12/6/2016 3:00	837.3
12/6/2016 4:00	864.5
12/6/2016 5:00	880.4
12/6/2016 6:00	899.4
12/6/2016 7:00	936.1
12/6/2016 8:00	1759.2
12/6/2016 9:00	1559.3
12/6/2016 10:00	1475.7
12/6/2016 11:00	1238.6
12/6/2016 12:00	1208.3
12/6/2016 13:00	1174.9
12/6/2016 14:00	1308.6
12/6/2016 15:00	1384.2
12/6/2016 16:00	1059.4
12/6/2016 17:00	1197.0
12/6/2016 18:00	1253.1
12/6/2016 19:00	1165.0
12/6/2016 20:00	1365.3
12/6/2016 21:00	1227.0
12/6/2016 22:00	1147.1
12/6/2016 23:00	1234.6
12/7/2016 0:00	1234.1
12/7/2016 1:00	1260.0
12/7/2016 2:00	1096.8
12/7/2016 3:00	1268.8
12/7/2016 4:00	1312.8
12/7/2016 5:00	1418.2
12/7/2016 6:00	1482.7
12/7/2016 7:00	1561.0
12/7/2016 8:00	1572.3
12/7/2016 9:00	1543.3
12/7/2016 10:00	1505.6
12/7/2016 11:00	1481.2
12/7/2016 12:00	1462.7
12/7/2016 13:00	1234.5
12/7/2016 14:00	1343.2
12/7/2016 15:00	1082.6
12/7/2016 16:00	1097.9
12/7/2016 17:00	1297.0
12/7/2016 18:00	1263.8
12/7/2016 19:00	1194.3
12/7/2016 20:00	1458.4
12/7/2016 21:00	1344.7
12/7/2016 22:00	1240.3
12/7/2016 23:00	1210.7
12/8/2016 0:00	1330.2
12/8/2016 1:00	1313.4
12/8/2016 2:00	1221.8
12/8/2016 3:00	1258.4
12/8/2016 4:00	1357.5

Date & Time	Production Rate (GPM)
12/8/2016 5:00	1493.7
12/8/2016 6:00	1493.2
12/8/2016 7:00	1514.2
12/8/2016 8:00	1479.7
12/8/2016 9:00	1526.2
12/8/2016 10:00	1446.4
12/8/2016 11:00	1301.3
12/8/2016 12:00	1447.2
12/8/2016 13:00	1182.8
12/8/2016 14:00	1474.5
12/8/2016 15:00	1410.5
12/8/2016 16:00	1308.1
12/8/2016 17:00	1237.1
12/8/2016 18:00	1022.7
12/8/2016 19:00	962.2
12/8/2016 20:00	1105.0
12/8/2016 21:00	971.6
12/8/2016 22:00	990.8
12/8/2016 23:00	912.9
12/9/2016 0:00	1081.6
12/9/2016 1:00	1019.4
12/9/2016 2:00	1183.0
12/9/2016 3:00	943.2
12/9/2016 4:00	1105.4
12/9/2016 5:00	1077.8
12/9/2016 6:00	1446.4
12/9/2016 7:00	1491.6
12/9/2016 8:00	1528.3
12/9/2016 9:00	1503.4
12/9/2016 10:00	1479.6
12/9/2016 11:00	1469.3
12/9/2016 12:00	1456.2
12/9/2016 13:00	1428.5
12/9/2016 14:00	1438.7
12/9/2016 15:00	1464.5
12/9/2016 16:00	1353.5
12/9/2016 17:00	1241.9
12/9/2016 18:00	1219.6
12/9/2016 19:00	1072.0
12/9/2016 20:00	1102.8
12/9/2016 21:00	1124.7
12/9/2016 22:00	1227.0
12/9/2016 23:00	1048.8
12/10/2016 0:00	1041.4
12/10/2016 1:00	1093.9
12/10/2016 2:00	960.0
12/10/2016 3:00	1071.5
12/10/2016 4:00	1301.8
12/10/2016 5:00	1176.6
12/10/2016 6:00	1148.3
12/10/2016 7:00	1352.2
12/10/2016 8:00	1317.6
12/10/2016 9:00	1175.2
12/10/2016 10:00	1415.9
12/10/2016 11:00	1075.3
12/10/2016 12:00	1152.3
12/10/2016 13:00	1390.2
12/10/2016 14:00	1131.2
12/10/2016 15:00	1196.2
12/10/2016 16:00	1139.2
12/10/2016 17:00	1145.0
12/10/2016 18:00	1034.6
12/10/2016 19:00	983.0

Date & Time	Production Rate (GPM)
12/10/2016 20:00	956.4
12/10/2016 21:00	1175.4
12/10/2016 22:00	1174.0
12/10/2016 23:00	1064.1
12/11/2016 0:00	1098.8
12/11/2016 1:00	1067.0
12/11/2016 2:00	1132.7
12/11/2016 3:00	1081.2
12/11/2016 4:00	1233.6
12/11/2016 5:00	1245.0
12/11/2016 6:00	1268.0
12/11/2016 7:00	1204.5
12/11/2016 8:00	1345.0
12/11/2016 9:00	1359.8
12/11/2016 10:00	1132.8
12/11/2016 11:00	1033.0
12/11/2016 12:00	911.5
12/11/2016 13:00	931.6
12/11/2016 14:00	816.7
12/11/2016 15:00	776.4
12/11/2016 16:00	859.0
12/11/2016 17:00	887.5
12/11/2016 18:00	875.5
12/11/2016 19:00	1076.4
12/11/2016 20:00	1109.4
12/11/2016 21:00	1081.4
12/11/2016 22:00	1089.0
12/11/2016 23:00	967.6
12/12/2016 0:00	1042.0
12/12/2016 1:00	1118.0
12/12/2016 2:00	1133.6
12/12/2016 3:00	1164.7
12/12/2016 4:00	1141.1
12/12/2016 5:00	1186.9
12/12/2016 6:00	1260.2
12/12/2016 7:00	287.0
12/12/2016 8:00	831.6
12/12/2016 9:00	1581.6
12/12/2016 10:00	1423.6
12/12/2016 11:00	1255.2
12/12/2016 12:00	1425.0
12/12/2016 13:00	1074.1
12/12/2016 14:00	1088.2
12/12/2016 15:00	1042.9
12/12/2016 16:00	1085.5
12/12/2016 17:00	1141.6
12/12/2016 18:00	1197.7
12/12/2016 19:00	1203.7
12/12/2016 20:00	1177.6
12/12/2016 21:00	1372.0
12/12/2016 22:00	1373.7
12/12/2016 23:00	1301.0
12/13/2016 0:00	1240.2
12/13/2016 1:00	1243.3
12/13/2016 2:00	1338.9
12/13/2016 3:00	1249.6
12/13/2016 4:00	1267.5
12/13/2016 5:00	1402.1
12/13/2016 6:00	1445.4
12/13/2016 7:00	1504.3
12/13/2016 8:00	1541.0
12/13/2016 9:00	1500.7
12/13/2016 10:00	1509.3

Date & Time	Production Rate (GPM)
12/13/2016 11:00	1274.1
12/13/2016 12:00	1218.0
12/13/2016 13:00	1199.2
12/13/2016 14:00	1315.0
12/13/2016 15:00	1191.9
12/13/2016 16:00	1114.4
12/13/2016 17:00	1257.4
12/13/2016 18:00	1205.3
12/13/2016 19:00	1204.9
12/13/2016 20:00	1422.9
12/13/2016 21:00	1361.0
12/13/2016 22:00	1237.4
12/13/2016 23:00	1196.1
12/14/2016 0:00	1153.2
12/14/2016 1:00	1193.3
12/14/2016 2:00	1350.0
12/14/2016 3:00	1306.5
12/14/2016 4:00	1319.4
12/14/2016 5:00	1352.4
12/14/2016 6:00	1364.5
12/14/2016 7:00	1475.4
12/14/2016 8:00	1515.4
12/14/2016 9:00	1482.0
12/14/2016 10:00	1478.2
12/14/2016 11:00	1335.4
12/14/2016 12:00	1439.5
12/14/2016 13:00	1456.7
12/14/2016 14:00	1274.7
12/14/2016 15:00	1183.0
12/14/2016 16:00	1232.3
12/14/2016 17:00	1208.0
12/14/2016 18:00	928.5
12/14/2016 19:00	900.7
12/14/2016 20:00	1054.3
12/14/2016 21:00	861.3
12/14/2016 22:00	1025.3
12/14/2016 23:00	997.7
12/15/2016 0:00	921.8
12/15/2016 1:00	895.3
12/15/2016 2:00	876.5
12/15/2016 3:00	921.8
12/15/2016 4:00	999.8
12/15/2016 5:00	1055.2
12/15/2016 6:00	1245.6
12/15/2016 7:00	1338.5
12/15/2016 8:00	1093.1
12/15/2016 9:00	1100.0
12/15/2016 10:00	1054.6
12/15/2016 11:00	1042.3
12/15/2016 12:00	867.7
12/15/2016 13:00	891.7
12/15/2016 14:00	810.0
12/15/2016 15:00	885.5
12/15/2016 16:00	1142.5
12/15/2016 17:00	1197.3
12/15/2016 18:00	1015.9
12/15/2016 19:00	1021.4
12/15/2016 20:00	921.4
12/15/2016 21:00	1082.3
12/15/2016 22:00	1063.4
12/15/2016 23:00	972.1
12/16/2016 0:00	932.3
12/16/2016 1:00	955.7

Date & Time	Production Rate (GPM)
12/16/2016 2:00	931.5
12/16/2016 3:00	996.6
12/16/2016 4:00	1080.0
12/16/2016 5:00	992.5
12/16/2016 6:00	1268.3
12/16/2016 7:00	1506.6
12/16/2016 8:00	1280.7
12/16/2016 9:00	1379.7
12/16/2016 10:00	1410.0
12/16/2016 11:00	1346.3
12/16/2016 12:00	1240.7
12/16/2016 13:00	1309.8
12/16/2016 14:00	1359.2
12/16/2016 15:00	1241.9
12/16/2016 16:00	1327.8
12/16/2016 17:00	1052.2
12/16/2016 18:00	1390.6
12/16/2016 19:00	1274.0
12/16/2016 20:00	1374.1
12/16/2016 21:00	1399.8
12/16/2016 22:00	1445.5
12/16/2016 23:00	1212.3
12/17/2016 0:00	1337.2
12/17/2016 1:00	1299.9
12/17/2016 2:00	1336.9
12/17/2016 3:00	1359.1
12/17/2016 4:00	1447.1
12/17/2016 5:00	1424.9
12/17/2016 6:00	1484.7
12/17/2016 7:00	1510.5
12/17/2016 8:00	1528.0
12/17/2016 9:00	1448.2
12/17/2016 10:00	1473.2
12/17/2016 11:00	1453.9
12/17/2016 12:00	1454.4
12/17/2016 13:00	1482.1
12/17/2016 14:00	1196.2
12/17/2016 15:00	1362.8
12/17/2016 16:00	1303.3
12/17/2016 17:00	1322.1
12/17/2016 18:00	1385.4
12/17/2016 19:00	1395.8
12/17/2016 20:00	1279.0
12/17/2016 21:00	1415.2
12/17/2016 22:00	1367.7
12/17/2016 23:00	1427.1
12/18/2016 0:00	1299.3
12/18/2016 1:00	1428.2
12/18/2016 2:00	1373.6
12/18/2016 3:00	1450.3
12/18/2016 4:00	1448.6
12/18/2016 5:00	1477.3
12/18/2016 6:00	1470.9
12/18/2016 7:00	1499.4
12/18/2016 8:00	1501.1
12/18/2016 9:00	1523.9
12/18/2016 10:00	1507.2
12/18/2016 11:00	1473.2
12/18/2016 12:00	1484.6
12/18/2016 13:00	1435.5
12/18/2016 14:00	1369.5
12/18/2016 15:00	1287.8
12/18/2016 16:00	1239.8

Date & Time	Production Rate (GPM)
12/18/2016 17:00	1333.8
12/18/2016 18:00	1396.5
12/18/2016 19:00	1425.8
12/18/2016 20:00	1449.1
12/18/2016 21:00	1440.6
12/18/2016 22:00	1373.3
12/18/2016 23:00	1328.0
12/19/2016 0:00	1403.1
12/19/2016 1:00	1451.4
12/19/2016 2:00	1467.0
12/19/2016 3:00	1469.3
12/19/2016 4:00	1472.3
12/19/2016 5:00	1479.5
12/19/2016 6:00	1512.3
12/19/2016 7:00	1536.8
12/19/2016 8:00	1540.8
12/19/2016 9:00	1536.7
12/19/2016 10:00	1551.0
12/19/2016 11:00	1532.8
12/19/2016 12:00	1511.8
12/19/2016 13:00	1453.8
12/19/2016 14:00	1487.2
12/19/2016 15:00	1471.1
12/19/2016 16:00	1497.6
12/19/2016 17:00	1478.5
12/19/2016 18:00	1499.2
12/19/2016 19:00	1467.4
12/19/2016 20:00	1426.9
12/19/2016 21:00	1432.3
12/19/2016 22:00	1430.0
12/19/2016 23:00	1428.1
12/20/2016 0:00	1241.1
12/20/2016 1:00	1311.2
12/20/2016 2:00	1304.7
12/20/2016 3:00	1448.8
12/20/2016 4:00	1374.1
12/20/2016 5:00	1453.1
12/20/2016 6:00	1506.2
12/20/2016 7:00	1551.8
12/20/2016 8:00	1532.3
12/20/2016 9:00	1515.3
12/20/2016 10:00	1487.4
12/20/2016 11:00	1489.2
12/20/2016 12:00	1415.0
12/20/2016 13:00	1446.2
12/20/2016 14:00	1446.2
12/20/2016 15:00	1442.5
12/20/2016 16:00	1410.7
12/20/2016 17:00	1323.4
12/20/2016 18:00	1456.4
12/20/2016 19:00	1368.0
12/20/2016 20:00	1247.9
12/20/2016 21:00	1313.8
12/20/2016 22:00	1188.9
12/20/2016 23:00	1070.2
12/21/2016 0:00	1164.8
12/21/2016 1:00	1184.6
12/21/2016 2:00	1374.9
12/21/2016 3:00	1344.7
12/21/2016 4:00	1438.8
12/21/2016 5:00	1468.3
12/21/2016 6:00	1518.4
12/21/2016 7:00	1530.4

Date & Time	Production Rate (GPM)
12/21/2016 8:00	1542.8
12/21/2016 9:00	1530.3
12/21/2016 10:00	1503.8
12/21/2016 11:00	1500.1
12/21/2016 12:00	1209.7
12/21/2016 13:00	1083.5
12/21/2016 14:00	1207.5
12/21/2016 15:00	891.7
12/21/2016 16:00	845.4
12/21/2016 17:00	1036.2
12/21/2016 18:00	1167.6
12/21/2016 19:00	(null)
12/21/2016 20:00	1108.3
12/21/2016 21:00	1259.0
12/21/2016 22:00	1244.9
12/21/2016 23:00	1252.7
12/22/2016 0:00	1291.5
12/22/2016 1:00	1386.2
12/22/2016 2:00	1291.3
12/22/2016 3:00	1206.4
12/22/2016 4:00	1382.9
12/22/2016 5:00	1513.0
12/22/2016 6:00	1489.0
12/22/2016 7:00	1548.6
12/22/2016 8:00	1549.0
12/22/2016 9:00	1552.5
12/22/2016 10:00	1534.8
12/22/2016 11:00	1482.1
12/22/2016 12:00	1307.8
12/22/2016 13:00	1129.7
12/22/2016 14:00	1359.4
12/22/2016 15:00	1391.4
12/22/2016 16:00	1234.7
12/22/2016 17:00	1192.5
12/22/2016 18:00	1425.8
12/22/2016 19:00	1456.7
12/22/2016 20:00	1417.8
12/22/2016 21:00	1405.4
12/22/2016 22:00	1444.3
12/22/2016 23:00	1292.3
12/23/2016 0:00	1231.7
12/23/2016 1:00	1263.1
12/23/2016 2:00	1326.2
12/23/2016 3:00	1348.1
12/23/2016 4:00	1315.6
12/23/2016 5:00	1445.8
12/23/2016 6:00	1509.1
12/23/2016 7:00	1514.4
12/23/2016 8:00	1510.9
12/23/2016 9:00	1512.7
12/23/2016 10:00	1479.4
12/23/2016 11:00	1508.9
12/23/2016 12:00	1486.0
12/23/2016 13:00	1470.6
12/23/2016 14:00	1461.2
12/23/2016 15:00	1354.1
12/23/2016 16:00	1433.8
12/23/2016 17:00	1299.9
12/23/2016 18:00	1359.8
12/23/2016 19:00	1400.3
12/23/2016 20:00	1037.2
12/23/2016 21:00	1312.8
12/23/2016 22:00	872.0

Date & Time	Production Rate (GPM)
12/23/2016 23:00	992.6
12/24/2016 0:00	1031.9
12/24/2016 1:00	1018.0
12/24/2016 2:00	1069.7
12/24/2016 3:00	978.3
12/24/2016 4:00	1044.7
12/24/2016 5:00	1177.9
12/24/2016 6:00	1270.6
12/24/2016 7:00	1274.8
12/24/2016 8:00	1192.1
12/24/2016 9:00	1090.3
12/24/2016 10:00	1296.7
12/24/2016 11:00	1139.4
12/24/2016 12:00	1187.0
12/24/2016 13:00	1196.7
12/24/2016 14:00	1123.8
12/24/2016 15:00	1164.4
12/24/2016 16:00	1360.6
12/24/2016 17:00	1017.6
12/24/2016 18:00	1177.9
12/24/2016 19:00	1074.4
12/24/2016 20:00	1165.0
12/24/2016 21:00	985.5
12/24/2016 22:00	1024.1
12/24/2016 23:00	1136.7
12/25/2016 0:00	1200.8
12/25/2016 1:00	1060.4
12/25/2016 2:00	1157.7
12/25/2016 3:00	1190.7
12/25/2016 4:00	1228.6
12/25/2016 5:00	1134.3
12/25/2016 6:00	1285.8
12/25/2016 7:00	1462.1
12/25/2016 8:00	1345.6
12/25/2016 9:00	1280.3
12/25/2016 10:00	1263.9
12/25/2016 11:00	1164.2
12/25/2016 12:00	1019.2
12/25/2016 13:00	1021.6
12/25/2016 14:00	993.0
12/25/2016 15:00	1069.2
12/25/2016 16:00	1067.1
12/25/2016 17:00	1266.7
12/25/2016 18:00	1173.7
12/25/2016 19:00	1194.4
12/25/2016 20:00	1189.5
12/25/2016 21:00	1100.9
12/25/2016 22:00	1159.2
12/25/2016 23:00	1157.0
12/26/2016 0:00	1168.7
12/26/2016 1:00	1226.0
12/26/2016 2:00	1376.5
12/26/2016 3:00	1417.0
12/26/2016 4:00	1439.3
12/26/2016 5:00	1436.1
12/26/2016 6:00	1504.1
12/26/2016 7:00	1512.3
12/26/2016 8:00	1519.5
12/26/2016 9:00	1516.1
12/26/2016 10:00	1504.3
12/26/2016 11:00	1462.9
12/26/2016 12:00	1464.3
12/26/2016 13:00	1356.9

Date & Time	Production Rate (GPM)
12/26/2016 14:00	1391.4
12/26/2016 15:00	1201.4
12/26/2016 16:00	1353.0
12/26/2016 17:00	1112.2
12/26/2016 18:00	1419.7
12/26/2016 19:00	1430.5
12/26/2016 20:00	1358.7
12/26/2016 21:00	1440.6
12/26/2016 22:00	1433.2
12/26/2016 23:00	1307.3
12/27/2016 0:00	1221.6
12/27/2016 1:00	1240.8
12/27/2016 2:00	1411.2
12/27/2016 3:00	1321.9
12/27/2016 4:00	1208.1
12/27/2016 5:00	1427.7
12/27/2016 6:00	1481.2
12/27/2016 7:00	1478.1
12/27/2016 8:00	1510.3
12/27/2016 9:00	1497.1
12/27/2016 10:00	1443.3
12/27/2016 11:00	1405.7
12/27/2016 12:00	1449.4
12/27/2016 13:00	1119.4
12/27/2016 14:00	1197.7
12/27/2016 15:00	1180.5
12/27/2016 16:00	1242.4
12/27/2016 17:00	940.0
12/27/2016 18:00	1180.9
12/27/2016 19:00	1058.0
12/27/2016 20:00	1283.1
12/27/2016 21:00	1210.0
12/27/2016 22:00	1169.0
12/27/2016 23:00	1244.8
12/28/2016 0:00	1077.8
12/28/2016 1:00	1114.5
12/28/2016 2:00	1277.3
12/28/2016 3:00	1073.5
12/28/2016 4:00	1102.1
12/28/2016 5:00	1408.9
12/28/2016 6:00	1441.9
12/28/2016 7:00	1481.5
12/28/2016 8:00	1479.2
12/28/2016 9:00	1461.6
12/28/2016 10:00	1456.3
12/28/2016 11:00	(null)
12/28/2016 12:00	(null)
12/28/2016 13:00	1154.1
12/28/2016 14:00	754.6
12/28/2016 15:00	741.1
12/28/2016 16:00	895.7
12/28/2016 17:00	977.2
12/28/2016 18:00	702.7
12/28/2016 19:00	927.0
12/28/2016 20:00	983.1
12/28/2016 21:00	1204.2
12/28/2016 22:00	1150.6
12/28/2016 23:00	995.2
12/29/2016 0:00	1030.5
12/29/2016 1:00	1150.2
12/29/2016 2:00	1151.6
12/29/2016 3:00	1116.1
12/29/2016 4:00	1131.9

Date & Time	Production Rate (GPM)
12/29/2016 5:00	1419.9
12/29/2016 6:00	1487.9
12/29/2016 7:00	1488.2
12/29/2016 8:00	1512.1
12/29/2016 9:00	1458.6
12/29/2016 10:00	1464.4
12/29/2016 11:00	1260.9
12/29/2016 12:00	1100.6
12/29/2016 13:00	934.5
12/29/2016 14:00	727.8
12/29/2016 15:00	637.1
12/29/2016 16:00	1108.2
12/29/2016 17:00	1056.8
12/29/2016 18:00	1226.6
12/29/2016 19:00	1256.8
12/29/2016 20:00	1269.3
12/29/2016 21:00	1253.9
12/29/2016 22:00	1369.2
12/29/2016 23:00	1430.9
12/30/2016 0:00	1328.8
12/30/2016 1:00	1411.0
12/30/2016 2:00	1408.7
12/30/2016 3:00	1433.1
12/30/2016 4:00	1428.0
12/30/2016 5:00	1493.2
12/30/2016 6:00	1504.6
12/30/2016 7:00	1526.6
12/30/2016 8:00	1537.0
12/30/2016 9:00	1515.5
12/30/2016 10:00	1499.8
12/30/2016 11:00	1507.4
12/30/2016 12:00	1492.3
12/30/2016 13:00	1483.9
12/30/2016 14:00	1501.9
12/30/2016 15:00	1469.9
12/30/2016 16:00	1500.6
12/30/2016 17:00	1412.9
12/30/2016 18:00	1392.3
12/30/2016 19:00	1379.3
12/30/2016 20:00	1470.6
12/30/2016 21:00	1420.8
12/30/2016 22:00	1262.5
12/30/2016 23:00	1338.1
12/31/2016 0:00	1421.3
12/31/2016 1:00	1284.4
12/31/2016 2:00	1352.4
12/31/2016 3:00	1214.1
12/31/2016 4:00	1342.3
12/31/2016 5:00	1467.5
12/31/2016 6:00	1471.2
12/31/2016 7:00	1469.9
12/31/2016 8:00	1471.2
12/31/2016 9:00	1450.3
12/31/2016 10:00	1477.9
12/31/2016 11:00	1374.8
12/31/2016 12:00	1183.0
12/31/2016 13:00	1221.5
12/31/2016 14:00	1275.1
12/31/2016 15:00	1217.8
12/31/2016 16:00	1214.3
12/31/2016 17:00	1321.4
12/31/2016 18:00	1284.4
12/31/2016 19:00	1324.4

Date & Time	Production Rate (GPM)
12/31/2016 20:00	1353.0
12/31/2016 21:00	1230.5
12/31/2016 22:00	1275.9
12/31/2016 23:00	1360.1
1/1/2017 0:00	1359.1
1/1/2017 1:00	1282.2
1/1/2017 2:00	1186.9
1/1/2017 3:00	1365.9
1/1/2017 4:00	1446.5
1/1/2017 5:00	1438.4
1/1/2017 6:00	1395.3
1/1/2017 7:00	1344.8
1/1/2017 8:00	1486.7
1/1/2017 9:00	1456.2
1/1/2017 10:00	1509.5
1/1/2017 11:00	1328.9
1/1/2017 12:00	1447.9
1/1/2017 13:00	1102.1
1/1/2017 14:00	1277.6
1/1/2017 15:00	1307.0
1/1/2017 16:00	1456.7
1/1/2017 17:00	1313.4
1/1/2017 18:00	1417.2
1/1/2017 19:00	1425.9
1/1/2017 20:00	1449.6
1/1/2017 21:00	1199.5
1/1/2017 22:00	1141.8
1/1/2017 23:00	1339.2
1/2/2017 0:00	1300.5
1/2/2017 1:00	1344.0
1/2/2017 2:00	1434.3
1/2/2017 3:00	1438.8
1/2/2017 4:00	1405.1
1/2/2017 5:00	1485.3
1/2/2017 6:00	1500.4
1/2/2017 7:00	1509.2
1/2/2017 8:00	1510.5
1/2/2017 9:00	1512.9
1/2/2017 10:00	1479.5
1/2/2017 11:00	1434.9
1/2/2017 12:00	1425.6
1/2/2017 13:00	1407.8
1/2/2017 14:00	1258.4
1/2/2017 15:00	1447.1
1/2/2017 16:00	1453.5
1/2/2017 17:00	1120.3
1/2/2017 18:00	1234.9
1/2/2017 19:00	1122.8
1/2/2017 20:00	1208.5
1/2/2017 21:00	1242.5
1/2/2017 22:00	1351.8
1/2/2017 23:00	1147.1
1/3/2017 0:00	1108.5
1/3/2017 1:00	1295.9
1/3/2017 2:00	1272.5
1/3/2017 3:00	1214.1
1/3/2017 4:00	1259.3
1/3/2017 5:00	1415.8
1/3/2017 6:00	1440.9
1/3/2017 7:00	1526.6
1/3/2017 8:00	1512.6
1/3/2017 9:00	1467.7
1/3/2017 10:00	1501.4

Date & Time	Production Rate (GPM)
1/3/2017 11:00	1362.3
1/3/2017 12:00	1288.3
1/3/2017 13:00	1356.3
1/3/2017 14:00	1272.7
1/3/2017 15:00	1197.5
1/3/2017 16:00	1339.5
1/3/2017 17:00	1471.5
1/3/2017 18:00	1428.4
1/3/2017 19:00	1256.1
1/3/2017 20:00	1139.9
1/3/2017 21:00	1150.5
1/3/2017 22:00	1128.1
1/3/2017 23:00	847.1
1/4/2017 0:00	1093.5
1/4/2017 1:00	1131.5
1/4/2017 2:00	1043.0
1/4/2017 3:00	1161.4
1/4/2017 4:00	1151.9
1/4/2017 5:00	1264.6
1/4/2017 6:00	1397.0
1/4/2017 7:00	1482.5
1/4/2017 8:00	1495.4
1/4/2017 9:00	1482.8
1/4/2017 10:00	1391.3
1/4/2017 11:00	1223.0
1/4/2017 12:00	1054.6
1/4/2017 13:00	1303.7
1/4/2017 14:00	1212.7
1/4/2017 15:00	1333.7
1/4/2017 16:00	1434.8
1/4/2017 17:00	1353.5
1/4/2017 18:00	1154.1
1/4/2017 19:00	1188.2
1/4/2017 20:00	1151.9
1/4/2017 21:00	1195.9
1/4/2017 22:00	1286.4
1/4/2017 23:00	1229.5
1/5/2017 0:00	1193.3
1/5/2017 1:00	1233.9
1/5/2017 2:00	1251.1
1/5/2017 3:00	1297.1
1/5/2017 4:00	1142.5
1/5/2017 5:00	1419.0
1/5/2017 6:00	1505.0
1/5/2017 7:00	1517.6
1/5/2017 8:00	1522.9
1/5/2017 9:00	1495.0
1/5/2017 10:00	1522.1
1/5/2017 11:00	1503.7
1/5/2017 12:00	1461.3
1/5/2017 13:00	1361.4
1/5/2017 14:00	1305.3
1/5/2017 15:00	1281.1
1/5/2017 16:00	1078.8
1/5/2017 17:00	1234.0
1/5/2017 18:00	1456.4
1/5/2017 19:00	1464.9
1/5/2017 20:00	1460.6
1/5/2017 21:00	1484.0
1/5/2017 22:00	1439.0
1/5/2017 23:00	1357.8
1/6/2017 0:00	1368.0
1/6/2017 1:00	1464.7

Date & Time	Production Rate (GPM)
1/6/2017 2:00	1393.1
1/6/2017 3:00	1456.6
1/6/2017 4:00	1482.2
1/6/2017 5:00	1489.7
1/6/2017 6:00	1522.1
1/6/2017 7:00	1558.8
1/6/2017 8:00	1556.9
1/6/2017 9:00	1556.7
1/6/2017 10:00	1548.4
1/6/2017 11:00	1537.7
1/6/2017 12:00	1519.5
1/6/2017 13:00	1518.8
1/6/2017 14:00	1479.6
1/6/2017 15:00	1501.6
1/6/2017 16:00	1521.5
1/6/2017 17:00	1507.1
1/6/2017 18:00	1499.3
1/6/2017 19:00	1524.2
1/6/2017 20:00	1509.2
1/6/2017 21:00	1472.0
1/6/2017 22:00	1387.5
1/6/2017 23:00	1451.4
1/7/2017 0:00	1471.6
1/7/2017 1:00	1454.4
1/7/2017 2:00	1452.3
1/7/2017 3:00	1405.5
1/7/2017 4:00	1494.9
1/7/2017 5:00	1511.8
1/7/2017 6:00	1484.4
1/7/2017 7:00	1497.3
1/7/2017 8:00	1527.8
1/7/2017 9:00	1506.5
1/7/2017 10:00	1506.9
1/7/2017 11:00	1475.4
1/7/2017 12:00	1495.0
1/7/2017 13:00	1510.1
1/7/2017 14:00	1492.0
1/7/2017 15:00	1514.2
1/7/2017 16:00	1506.3
1/7/2017 17:00	1496.3
1/7/2017 18:00	1442.1
1/7/2017 19:00	1427.7
1/7/2017 20:00	1464.3
1/7/2017 21:00	1475.0
1/7/2017 22:00	1352.6
1/7/2017 23:00	1339.5
1/8/2017 0:00	1404.4
1/8/2017 1:00	1307.7
1/8/2017 2:00	1300.2
1/8/2017 3:00	1375.1
1/8/2017 4:00	1408.8
1/8/2017 5:00	1237.9
1/8/2017 6:00	1419.3
1/8/2017 7:00	1437.8
1/8/2017 8:00	1438.0
1/8/2017 9:00	1377.8
1/8/2017 10:00	1427.1
1/8/2017 11:00	1441.6
1/8/2017 12:00	1462.2
1/8/2017 13:00	1433.3
1/8/2017 14:00	1438.3
1/8/2017 15:00	1168.5
1/8/2017 16:00	1441.6

Date & Time	Production Rate (GPM)
1/8/2017 17:00	1107.0
1/8/2017 18:00	1015.6
1/8/2017 19:00	1161.1
1/8/2017 20:00	1040.0
1/8/2017 21:00	939.3
1/8/2017 22:00	912.3
1/8/2017 23:00	823.6
1/9/2017 0:00	884.3
1/9/2017 1:00	983.1
1/9/2017 2:00	1090.0
1/9/2017 3:00	1072.0
1/9/2017 4:00	1012.5
1/9/2017 5:00	1161.7
1/9/2017 6:00	1100.9
1/9/2017 7:00	1239.7
1/9/2017 8:00	1147.3
1/9/2017 9:00	956.0
1/9/2017 10:00	885.9
1/9/2017 11:00	892.2
1/9/2017 12:00	779.9
1/9/2017 13:00	889.4
1/9/2017 14:00	889.0
1/9/2017 15:00	747.7
1/9/2017 16:00	699.6
1/9/2017 17:00	821.6
1/9/2017 18:00	690.7
1/9/2017 19:00	821.9
1/9/2017 20:00	823.3
1/9/2017 21:00	890.1
1/9/2017 22:00	822.8
1/9/2017 23:00	801.5
1/10/2017 0:00	736.8
1/10/2017 1:00	1082.6
1/10/2017 2:00	867.1
1/10/2017 3:00	952.8
1/10/2017 4:00	849.0
1/10/2017 5:00	1133.8
1/10/2017 6:00	1179.6
1/10/2017 7:00	1211.0
1/10/2017 8:00	1266.8
1/10/2017 9:00	1091.0
1/10/2017 10:00	963.0
1/10/2017 11:00	949.7
1/10/2017 12:00	839.8
1/10/2017 13:00	782.8
1/10/2017 14:00	929.1
1/10/2017 15:00	810.5
1/10/2017 16:00	912.6
1/10/2017 17:00	821.8
1/10/2017 18:00	1035.6
1/10/2017 19:00	777.0
1/10/2017 20:00	814.1
1/10/2017 21:00	805.4
1/10/2017 22:00	675.9
1/10/2017 23:00	664.4
1/11/2017 0:00	815.3
1/11/2017 1:00	644.6
1/11/2017 2:00	714.1
1/11/2017 3:00	725.3
1/11/2017 4:00	726.6
1/11/2017 5:00	854.6
1/11/2017 6:00	1071.6
1/11/2017 7:00	1221.3

Date & Time	Production Rate (GPM)
1/11/2017 8:00	1051.2
1/11/2017 9:00	1000.5
1/11/2017 10:00	762.4
1/11/2017 11:00	803.7
1/11/2017 12:00	777.0
1/11/2017 13:00	827.3
1/11/2017 14:00	655.4
1/11/2017 15:00	487.0
1/11/2017 16:00	592.7
1/11/2017 17:00	799.9
1/11/2017 18:00	699.9
1/11/2017 19:00	716.0
1/11/2017 20:00	817.6
1/11/2017 21:00	975.4
1/11/2017 22:00	999.6
1/11/2017 23:00	898.4
1/12/2017 0:00	852.4
1/12/2017 1:00	922.2
1/12/2017 2:00	1078.1
1/12/2017 3:00	1090.2
1/12/2017 4:00	1112.5
1/12/2017 5:00	1278.0
1/12/2017 6:00	1394.9
1/12/2017 7:00	1527.5
1/12/2017 8:00	1489.9
1/12/2017 9:00	1473.9
1/12/2017 10:00	1423.9
1/12/2017 11:00	1284.9
1/12/2017 12:00	1104.4
1/12/2017 13:00	933.9
1/12/2017 14:00	864.8
1/12/2017 15:00	770.0
1/12/2017 16:00	917.6
1/12/2017 17:00	941.9
1/12/2017 18:00	997.5
1/12/2017 19:00	1235.2
1/12/2017 20:00	1199.2
1/12/2017 21:00	1214.2
1/12/2017 22:00	1033.0
1/12/2017 23:00	1184.6
1/13/2017 0:00	1177.6
1/13/2017 1:00	1214.7
1/13/2017 2:00	1213.5
1/13/2017 3:00	1152.5
1/13/2017 4:00	1297.0
1/13/2017 5:00	1486.8
1/13/2017 6:00	1526.7
1/13/2017 7:00	1562.5
1/13/2017 8:00	1552.3
1/13/2017 9:00	1569.5
1/13/2017 10:00	1527.5
1/13/2017 11:00	1524.5
1/13/2017 12:00	1397.2
1/13/2017 13:00	1365.2
1/13/2017 14:00	1082.4
1/13/2017 15:00	952.4
1/13/2017 16:00	1100.0
1/13/2017 17:00	1368.2
1/13/2017 18:00	1421.3
1/13/2017 19:00	1473.1
1/13/2017 20:00	1332.5
1/13/2017 21:00	1415.6
1/13/2017 22:00	1282.0

Date & Time	Production Rate (GPM)
1/13/2017 23:00	1273.6
1/14/2017 0:00	1263.6
1/14/2017 1:00	1338.9
1/14/2017 2:00	1347.6
1/14/2017 3:00	1388.9
1/14/2017 4:00	1333.4
1/14/2017 5:00	1487.7
1/14/2017 6:00	1526.6
1/14/2017 7:00	1517.0
1/14/2017 8:00	1527.7
1/14/2017 9:00	1519.5
1/14/2017 10:00	1529.5
1/14/2017 11:00	1532.9
1/14/2017 12:00	1477.7
1/14/2017 13:00	840.1
1/14/2017 14:00	840.9
1/14/2017 15:00	1511.4
1/14/2017 16:00	1292.4
1/14/2017 17:00	1467.7
1/14/2017 18:00	1495.3
1/14/2017 19:00	1492.5
1/14/2017 20:00	1459.6
1/14/2017 21:00	1458.0
1/14/2017 22:00	1465.8
1/14/2017 23:00	1470.9
1/15/2017 0:00	1456.4
1/15/2017 1:00	1430.6
1/15/2017 2:00	1424.6
1/15/2017 3:00	1480.7
1/15/2017 4:00	1484.3
1/15/2017 5:00	1468.7
1/15/2017 6:00	1515.4
1/15/2017 7:00	1499.5
1/15/2017 8:00	1502.5
1/15/2017 9:00	1521.4
1/15/2017 10:00	1522.7
1/15/2017 11:00	1534.7
1/15/2017 12:00	1514.9
1/15/2017 13:00	1513.3
1/15/2017 14:00	1498.9
1/15/2017 15:00	1514.3
1/15/2017 16:00	1478.9
1/15/2017 17:00	1495.7
1/15/2017 18:00	1516.0
1/15/2017 19:00	1533.0
1/15/2017 20:00	1507.3
1/15/2017 21:00	1535.9
1/15/2017 22:00	1517.0
1/15/2017 23:00	1517.9
1/16/2017 0:00	1504.3
1/16/2017 1:00	1485.4
1/16/2017 2:00	1508.2
1/16/2017 3:00	1481.6
1/16/2017 4:00	1514.0
1/16/2017 5:00	1526.2
1/16/2017 6:00	1535.3
1/16/2017 7:00	1540.4
1/16/2017 8:00	1536.6
1/16/2017 9:00	1543.3
1/16/2017 10:00	1540.6
1/16/2017 11:00	1534.6
1/16/2017 12:00	1527.3
1/16/2017 13:00	1534.4

Date & Time	Production Rate (GPM)
1/16/2017 14:00	1465.1
1/16/2017 15:00	1474.0
1/16/2017 16:00	1536.9
1/16/2017 17:00	1479.0
1/16/2017 18:00	1529.6
1/16/2017 19:00	1548.9
1/16/2017 20:00	1527.9
1/16/2017 21:00	1542.7
1/16/2017 22:00	1537.3
1/16/2017 23:00	1528.5
1/17/2017 0:00	1518.5
1/17/2017 1:00	1481.3
1/17/2017 2:00	1501.1
1/17/2017 3:00	1503.6
1/17/2017 4:00	1540.7
1/17/2017 5:00	1535.3
1/17/2017 6:00	1539.5
1/17/2017 7:00	1576.4
1/17/2017 8:00	1580.3
1/17/2017 9:00	1571.0
1/17/2017 10:00	1542.3
1/17/2017 11:00	1550.0
1/17/2017 12:00	1528.8
1/17/2017 13:00	1508.9
1/17/2017 14:00	1509.7
1/17/2017 15:00	1393.6
1/17/2017 16:00	1427.7
1/17/2017 17:00	1510.4
1/17/2017 18:00	1537.5
1/17/2017 19:00	1481.7
1/17/2017 20:00	1529.8
1/17/2017 21:00	1493.2
1/17/2017 22:00	1474.7
1/17/2017 23:00	1508.2
1/18/2017 0:00	1464.7
1/18/2017 1:00	1499.0
1/18/2017 2:00	1460.8
1/18/2017 3:00	1491.0
1/18/2017 4:00	1505.0
1/18/2017 5:00	1532.1
1/18/2017 6:00	1551.5
1/18/2017 7:00	1568.3
1/18/2017 8:00	1559.7
1/18/2017 9:00	1562.3
1/18/2017 10:00	1547.9
1/18/2017 11:00	1536.8
1/18/2017 12:00	1469.6
1/18/2017 13:00	1119.9
1/18/2017 14:00	1387.4
1/18/2017 15:00	1471.1
1/18/2017 16:00	1449.0
1/18/2017 17:00	1428.4
1/18/2017 18:00	1398.2
1/18/2017 19:00	1264.0
1/18/2017 20:00	1311.2
1/18/2017 21:00	1244.2
1/18/2017 22:00	1225.5
1/18/2017 23:00	1015.1
1/19/2017 0:00	1062.6
1/19/2017 1:00	1034.3
1/19/2017 2:00	872.3
1/19/2017 3:00	1043.2
1/19/2017 4:00	1145.7

Date & Time	Production Rate (GPM)
1/19/2017 5:00	1174.8
1/19/2017 6:00	1122.2
1/19/2017 7:00	1266.2
1/19/2017 8:00	1069.1
1/19/2017 9:00	889.2
1/19/2017 10:00	858.5
1/19/2017 11:00	794.8
1/19/2017 12:00	919.7
1/19/2017 13:00	805.9
1/19/2017 14:00	735.5
1/19/2017 15:00	802.8
1/19/2017 16:00	810.3
1/19/2017 17:00	775.7
1/19/2017 18:00	786.8
1/19/2017 19:00	835.9
1/19/2017 20:00	1063.0
1/19/2017 21:00	949.6
1/19/2017 22:00	846.7
1/19/2017 23:00	673.1
1/20/2017 0:00	807.6
1/20/2017 1:00	888.0
1/20/2017 2:00	800.7
1/20/2017 3:00	856.2
1/20/2017 4:00	947.3
1/20/2017 5:00	979.4
1/20/2017 6:00	1261.7
1/20/2017 7:00	1120.5
1/20/2017 8:00	989.1
1/20/2017 9:00	1233.1
1/20/2017 10:00	1013.5
1/20/2017 11:00	897.3
1/20/2017 12:00	706.1
1/20/2017 13:00	798.3
1/20/2017 14:00	685.8
1/20/2017 15:00	692.4
1/20/2017 16:00	803.1
1/20/2017 17:00	905.8
1/20/2017 18:00	854.4
1/20/2017 19:00	763.8
1/20/2017 20:00	999.2
1/20/2017 21:00	752.9
1/20/2017 22:00	757.4
1/20/2017 23:00	957.7
1/21/2017 0:00	830.2
1/21/2017 1:00	792.0
1/21/2017 2:00	729.9
1/21/2017 3:00	783.5
1/21/2017 4:00	815.4
1/21/2017 5:00	703.8
1/21/2017 6:00	813.4
1/21/2017 7:00	1107.6
1/21/2017 8:00	931.2
1/21/2017 9:00	773.5
1/21/2017 10:00	933.1
1/21/2017 11:00	1175.3
1/21/2017 12:00	986.5
1/21/2017 13:00	730.3
1/21/2017 14:00	746.7
1/21/2017 15:00	652.5
1/21/2017 16:00	716.9
1/21/2017 17:00	767.3
1/21/2017 18:00	957.4
1/21/2017 19:00	877.2

Date & Time	Production Rate (GPM)
1/21/2017 20:00	869.2
1/21/2017 21:00	762.2
1/21/2017 22:00	919.9
1/21/2017 23:00	763.5
1/22/2017 0:00	814.8
1/22/2017 1:00	703.3
1/22/2017 2:00	698.7
1/22/2017 3:00	777.3
1/22/2017 4:00	804.1
1/22/2017 5:00	706.1
1/22/2017 6:00	772.7
1/22/2017 7:00	778.7
1/22/2017 8:00	858.9
1/22/2017 9:00	1093.2
1/22/2017 10:00	985.0
1/22/2017 11:00	707.1
1/22/2017 12:00	823.5
1/22/2017 13:00	722.4
1/22/2017 14:00	814.6
1/22/2017 15:00	627.7
1/22/2017 16:00	793.5
1/22/2017 17:00	864.7
1/22/2017 18:00	844.0
1/22/2017 19:00	1006.6
1/22/2017 20:00	787.2
1/22/2017 21:00	987.3
1/22/2017 22:00	1034.9
1/22/2017 23:00	913.9
1/23/2017 0:00	812.8
1/23/2017 1:00	1007.4
1/23/2017 2:00	1027.2
1/23/2017 3:00	1123.0
1/23/2017 4:00	1203.6
1/23/2017 5:00	1274.4
1/23/2017 6:00	1494.3
1/23/2017 7:00	1503.7
1/23/2017 8:00	1492.0
1/23/2017 9:00	1410.7
1/23/2017 10:00	1286.0
1/23/2017 11:00	1286.7
1/23/2017 12:00	1377.1
1/23/2017 13:00	1149.1
1/23/2017 14:00	900.6
1/23/2017 15:00	881.7
1/23/2017 16:00	1302.5
1/23/2017 17:00	1042.3
1/23/2017 18:00	1271.0
1/23/2017 19:00	1235.2
1/23/2017 20:00	1317.8
1/23/2017 21:00	1227.4
1/23/2017 22:00	1116.8
1/23/2017 23:00	1003.1
1/24/2017 0:00	1068.6
1/24/2017 1:00	1093.7
1/24/2017 2:00	1174.8
1/24/2017 3:00	1208.5
1/24/2017 4:00	1197.0
1/24/2017 5:00	1282.1
1/24/2017 6:00	1493.0
1/24/2017 7:00	1560.2
1/24/2017 8:00	1535.7
1/24/2017 9:00	1522.4
1/24/2017 10:00	1454.6

Date & Time	Production Rate (GPM)
1/24/2017 11:00	1152.8
1/24/2017 12:00	1039.5
1/24/2017 13:00	901.4
1/24/2017 14:00	809.0
1/24/2017 15:00	1043.6
1/24/2017 16:00	753.5
1/24/2017 17:00	942.9
1/24/2017 18:00	1115.7
1/24/2017 19:00	1156.8
1/24/2017 20:00	1191.4
1/24/2017 21:00	1289.3
1/24/2017 22:00	1296.4
1/24/2017 23:00	1301.2
1/25/2017 0:00	1125.4
1/25/2017 1:00	1297.8
1/25/2017 2:00	1426.1
1/25/2017 3:00	1325.3
1/25/2017 4:00	1396.9
1/25/2017 5:00	1458.3
1/25/2017 6:00	1483.8
1/25/2017 7:00	1556.4
1/25/2017 8:00	1525.7
1/25/2017 9:00	1505.3
1/25/2017 10:00	1362.5
1/25/2017 11:00	1302.3
1/25/2017 12:00	1240.5
1/25/2017 13:00	1223.3
1/25/2017 14:00	1175.3
1/25/2017 15:00	1139.8
1/25/2017 16:00	1168.9
1/25/2017 17:00	1188.0
1/25/2017 18:00	1363.4
1/25/2017 19:00	1290.2
1/25/2017 20:00	1196.5
1/25/2017 21:00	1096.1
1/25/2017 22:00	1090.9
1/25/2017 23:00	1116.1
1/26/2017 0:00	1090.3
1/26/2017 1:00	1197.8
1/26/2017 2:00	1161.4
1/26/2017 3:00	1162.7
1/26/2017 4:00	1191.2
1/26/2017 5:00	1295.0
1/26/2017 6:00	1378.5
1/26/2017 7:00	1509.5
1/26/2017 8:00	1487.5
1/26/2017 9:00	1507.2
1/26/2017 10:00	1299.9
1/26/2017 11:00	1392.7
1/26/2017 12:00	1132.8
1/26/2017 13:00	1170.2
1/26/2017 14:00	1029.1
1/26/2017 15:00	1234.3
1/26/2017 16:00	1182.7
1/26/2017 17:00	1262.6
1/26/2017 18:00	1206.1
1/26/2017 19:00	1265.1
1/26/2017 20:00	1244.4
1/26/2017 21:00	1304.1
1/26/2017 22:00	1208.7
1/26/2017 23:00	1272.6
1/27/2017 0:00	1366.2
1/27/2017 1:00	1233.9

Date & Time	Production Rate (GPM)
1/27/2017 2:00	1363.1
1/27/2017 3:00	1280.6
1/27/2017 4:00	1278.7
1/27/2017 5:00	1359.4
1/27/2017 6:00	1499.2
1/27/2017 7:00	1518.1
1/27/2017 8:00	1548.8
1/27/2017 9:00	1537.0
1/27/2017 10:00	1511.1
1/27/2017 11:00	1512.4
1/27/2017 12:00	1505.0
1/27/2017 13:00	1292.1
1/27/2017 14:00	1209.0
1/27/2017 15:00	1259.5
1/27/2017 16:00	1033.6
1/27/2017 17:00	1246.1
1/27/2017 18:00	1455.0
1/27/2017 19:00	1283.9
1/27/2017 20:00	1281.3
1/27/2017 21:00	1220.4
1/27/2017 22:00	1216.0
1/27/2017 23:00	1100.7
1/28/2017 0:00	1206.8
1/28/2017 1:00	1064.1
1/28/2017 2:00	1022.7
1/28/2017 3:00	1181.4
1/28/2017 4:00	1228.3
1/28/2017 5:00	1309.8
1/28/2017 6:00	1233.7
1/28/2017 7:00	1474.6
1/28/2017 8:00	1506.0
1/28/2017 9:00	1482.5
1/28/2017 10:00	1430.4
1/28/2017 11:00	1433.3
1/28/2017 12:00	1432.3
1/28/2017 13:00	1448.1
1/28/2017 14:00	1266.5
1/28/2017 15:00	1316.0
1/28/2017 16:00	1350.3
1/28/2017 17:00	1420.4
1/28/2017 18:00	1419.4
1/28/2017 19:00	1281.9
1/28/2017 20:00	1453.4
1/28/2017 21:00	1172.3
1/28/2017 22:00	1359.3
1/28/2017 23:00	1343.0
1/29/2017 0:00	1270.9
1/29/2017 1:00	1301.5
1/29/2017 2:00	1256.4
1/29/2017 3:00	1253.8
1/29/2017 4:00	1290.0
1/29/2017 5:00	1455.4
1/29/2017 6:00	1464.9
1/29/2017 7:00	1517.2
1/29/2017 8:00	1525.5
1/29/2017 9:00	1487.9
1/29/2017 10:00	1433.3
1/29/2017 11:00	1339.7
1/29/2017 12:00	1393.2
1/29/2017 13:00	1357.5
1/29/2017 14:00	1158.1
1/29/2017 15:00	1077.5
1/29/2017 16:00	1183.4

Date & Time	Production Rate (GPM)
1/29/2017 17:00	1305.4
1/29/2017 18:00	1463.1
1/29/2017 19:00	1494.2
1/29/2017 20:00	1501.9
1/29/2017 21:00	1444.2
1/29/2017 22:00	1307.5
1/29/2017 23:00	1423.9
1/30/2017 0:00	1408.9
1/30/2017 1:00	1469.2
1/30/2017 2:00	1467.5
1/30/2017 3:00	1447.4
1/30/2017 4:00	1470.7
1/30/2017 5:00	1510.8
1/30/2017 6:00	1536.8
1/30/2017 7:00	1557.3
1/30/2017 8:00	1552.0
1/30/2017 9:00	1532.6
1/30/2017 10:00	1515.0
1/30/2017 11:00	1443.5
1/30/2017 12:00	1461.9
1/30/2017 13:00	1427.4
1/30/2017 14:00	1293.3
1/30/2017 15:00	1404.9
1/30/2017 16:00	1461.8
1/30/2017 17:00	1461.8
1/30/2017 18:00	1460.9
1/30/2017 19:00	1474.4
1/30/2017 20:00	1440.3
1/30/2017 21:00	1461.9
1/30/2017 22:00	1282.7
1/30/2017 23:00	1312.5
1/31/2017 0:00	1282.4
1/31/2017 1:00	1410.5
1/31/2017 2:00	1325.7
1/31/2017 3:00	1348.9
1/31/2017 4:00	1421.9
1/31/2017 5:00	1501.7
1/31/2017 6:00	1493.5
1/31/2017 7:00	1540.1
1/31/2017 8:00	1536.9
1/31/2017 9:00	1528.2
1/31/2017 10:00	1490.8
1/31/2017 11:00	1375.9
1/31/2017 12:00	1478.5
1/31/2017 13:00	1470.9
1/31/2017 14:00	1468.6
1/31/2017 15:00	1436.7
1/31/2017 16:00	1464.7
1/31/2017 17:00	1396.9
1/31/2017 18:00	1363.8
1/31/2017 19:00	1401.8
1/31/2017 20:00	1452.7
1/31/2017 21:00	1426.3
1/31/2017 22:00	1378.3
1/31/2017 23:00	1319.9
2/1/2017 0:00	1331.5
2/1/2017 1:00	1422.8
2/1/2017 2:00	1317.6
2/1/2017 3:00	1241.0
2/1/2017 4:00	1419.2
2/1/2017 5:00	1479.5
2/1/2017 6:00	1498.6
2/1/2017 7:00	1537.9

Date & Time	Production Rate (GPM)
2/1/2017 8:00	1536.5
2/1/2017 9:00	1509.3
2/1/2017 10:00	1489.5
2/1/2017 11:00	1418.3
2/1/2017 12:00	1441.5
2/1/2017 13:00	1252.9
2/1/2017 14:00	1372.1
2/1/2017 15:00	836.3
2/1/2017 16:00	1277.4
2/1/2017 17:00	1351.1
2/1/2017 18:00	1377.1
2/1/2017 19:00	1303.3
2/1/2017 20:00	1278.0
2/1/2017 21:00	1271.9
2/1/2017 22:00	1247.8
2/1/2017 23:00	1179.8
2/2/2017 0:00	1199.5
2/2/2017 1:00	1152.6
2/2/2017 2:00	1211.7
2/2/2017 3:00	1119.9
2/2/2017 4:00	1194.6
2/2/2017 5:00	1429.1
2/2/2017 6:00	1422.6
2/2/2017 7:00	1431.7
2/2/2017 8:00	1452.5
2/2/2017 9:00	1393.4
2/2/2017 10:00	1400.4
2/2/2017 11:00	1228.9
2/2/2017 12:00	1213.6
2/2/2017 13:00	1168.9
2/2/2017 14:00	1212.6
2/2/2017 15:00	1205.9
2/2/2017 16:00	1146.5
2/2/2017 17:00	1314.4
2/2/2017 18:00	1375.9
2/2/2017 19:00	1191.0
2/2/2017 20:00	1311.7
2/2/2017 21:00	1335.0
2/2/2017 22:00	1191.3
2/2/2017 23:00	1193.0
2/3/2017 0:00	1118.1
2/3/2017 1:00	1109.5
2/3/2017 2:00	1038.2
2/3/2017 3:00	1240.7
2/3/2017 4:00	1104.2
2/3/2017 5:00	1337.0
2/3/2017 6:00	1472.1
2/3/2017 7:00	1493.7
2/3/2017 8:00	1459.3
2/3/2017 9:00	1409.4
2/3/2017 10:00	1328.0
2/3/2017 11:00	1163.7
2/3/2017 12:00	1366.9
2/3/2017 13:00	1095.6
2/3/2017 14:00	1023.7
2/3/2017 15:00	1075.1
2/3/2017 16:00	995.4
2/3/2017 17:00	1100.9
2/3/2017 18:00	932.5
2/3/2017 19:00	1098.2
2/3/2017 20:00	636.0
2/3/2017 21:00	765.1
2/3/2017 22:00	781.9

Date & Time	Production Rate (GPM)
2/3/2017 23:00	589.8
2/4/2017 0:00	704.0
2/4/2017 1:00	513.0
2/4/2017 2:00	554.9
2/4/2017 3:00	647.3
2/4/2017 4:00	739.2
2/4/2017 5:00	711.9
2/4/2017 6:00	622.4
2/4/2017 7:00	759.1
2/4/2017 8:00	904.7
2/4/2017 9:00	907.1
2/4/2017 10:00	729.8
2/4/2017 11:00	797.6
2/4/2017 12:00	725.5
2/4/2017 13:00	543.0
2/4/2017 14:00	623.6
2/4/2017 15:00	626.7
2/4/2017 16:00	874.2
2/4/2017 17:00	779.8
2/4/2017 18:00	839.8
2/4/2017 19:00	680.1
2/4/2017 20:00	630.3
2/4/2017 21:00	711.5
2/4/2017 22:00	739.9
2/4/2017 23:00	684.9
2/5/2017 0:00	556.2
2/5/2017 1:00	697.9
2/5/2017 2:00	673.6
2/5/2017 3:00	515.0
2/5/2017 4:00	800.2
2/5/2017 5:00	731.1
2/5/2017 6:00	762.7
2/5/2017 7:00	686.6
2/5/2017 8:00	803.1
2/5/2017 9:00	685.3
2/5/2017 10:00	787.3
2/5/2017 11:00	645.5
2/5/2017 12:00	580.5
2/5/2017 13:00	539.6
2/5/2017 14:00	571.0
2/5/2017 15:00	555.5
2/5/2017 16:00	538.5
2/5/2017 17:00	555.9
2/5/2017 18:00	472.7
2/5/2017 19:00	552.2
2/5/2017 20:00	521.9
2/5/2017 21:00	737.1
2/5/2017 22:00	456.7
2/5/2017 23:00	400.4
2/6/2017 0:00	457.6
2/6/2017 1:00	657.3
2/6/2017 2:00	730.4
2/6/2017 3:00	790.0
2/6/2017 4:00	749.4
2/6/2017 5:00	771.3
2/6/2017 6:00	915.3
2/6/2017 7:00	779.6
2/6/2017 8:00	638.6
2/6/2017 9:00	1018.0
2/6/2017 10:00	668.9
2/6/2017 11:00	1006.9
2/6/2017 12:00	643.4
2/6/2017 13:00	599.9

Date & Time	Production Rate (GPM)
2/6/2017 14:00	617.4
2/6/2017 15:00	651.8
2/6/2017 16:00	609.3
2/6/2017 17:00	785.9
2/6/2017 18:00	677.7
2/6/2017 19:00	664.4
2/6/2017 20:00	659.6
2/6/2017 21:00	824.2
2/6/2017 22:00	804.9
2/6/2017 23:00	723.7
2/7/2017 0:00	753.1
2/7/2017 1:00	779.7
2/7/2017 2:00	797.3
2/7/2017 3:00	855.6
2/7/2017 4:00	732.9
2/7/2017 5:00	854.3
2/7/2017 6:00	1241.4
2/7/2017 7:00	1215.1
2/7/2017 8:00	1286.9
2/7/2017 9:00	1111.3
2/7/2017 10:00	1178.2
2/7/2017 11:00	1219.4
2/7/2017 12:00	883.9
2/7/2017 13:00	921.0
2/7/2017 14:00	904.3
2/7/2017 15:00	788.6
2/7/2017 16:00	785.1
2/7/2017 17:00	997.8
2/7/2017 18:00	785.1
2/7/2017 19:00	653.6
2/7/2017 20:00	674.3
2/7/2017 21:00	874.7
2/7/2017 22:00	768.6
2/7/2017 23:00	850.1
2/8/2017 0:00	713.3
2/8/2017 1:00	752.5
2/8/2017 2:00	785.6
2/8/2017 3:00	640.8
2/8/2017 4:00	822.3
2/8/2017 5:00	862.4
2/8/2017 6:00	1182.1
2/8/2017 7:00	1309.4
2/8/2017 8:00	1238.0
2/8/2017 9:00	1293.1
2/8/2017 10:00	903.2
2/8/2017 11:00	776.2
2/8/2017 12:00	728.0
2/8/2017 13:00	741.4
2/8/2017 14:00	607.1
2/8/2017 15:00	625.1
2/8/2017 16:00	797.7
2/8/2017 17:00	837.0
2/8/2017 18:00	796.0
2/8/2017 19:00	613.8
2/8/2017 20:00	561.7
2/8/2017 21:00	620.0
2/8/2017 22:00	528.7
2/8/2017 23:00	650.5
2/9/2017 0:00	457.2
2/9/2017 1:00	401.7
2/9/2017 2:00	638.1
2/9/2017 3:00	599.3
2/9/2017 4:00	472.6

Date & Time	Production Rate (GPM)
2/9/2017 5:00	744.2
2/9/2017 6:00	617.9
2/9/2017 7:00	900.6
2/9/2017 8:00	580.3
2/9/2017 9:00	685.6
2/9/2017 10:00	558.8
2/9/2017 11:00	592.6
2/9/2017 12:00	453.5
2/9/2017 13:00	412.1
2/9/2017 14:00	484.5
2/9/2017 15:00	557.5
2/9/2017 16:00	616.4
2/9/2017 17:00	626.7
2/9/2017 18:00	514.3
2/9/2017 19:00	523.6
2/9/2017 20:00	662.8
2/9/2017 21:00	636.8
2/9/2017 22:00	546.9
2/9/2017 23:00	434.3
2/10/2017 0:00	509.8
2/10/2017 1:00	493.7
2/10/2017 2:00	516.2
2/10/2017 3:00	527.8
2/10/2017 4:00	519.8
2/10/2017 5:00	654.1
2/10/2017 6:00	745.5
2/10/2017 7:00	1008.2
2/10/2017 8:00	812.5
2/10/2017 9:00	659.1
2/10/2017 10:00	791.2
2/10/2017 11:00	606.2
2/10/2017 12:00	759.3
2/10/2017 13:00	713.5
2/10/2017 14:00	659.7
2/10/2017 15:00	716.8
2/10/2017 16:00	525.6
2/10/2017 17:00	784.8
2/10/2017 18:00	672.7
2/10/2017 19:00	633.1
2/10/2017 20:00	664.2
2/10/2017 21:00	648.1
2/10/2017 22:00	805.7
2/10/2017 23:00	570.6
2/11/2017 0:00	628.0
2/11/2017 1:00	762.9
2/11/2017 2:00	804.4
2/11/2017 3:00	783.2
2/11/2017 4:00	729.6
2/11/2017 5:00	898.1
2/11/2017 6:00	1056.9
2/11/2017 7:00	1081.4
2/11/2017 8:00	1346.9
2/11/2017 9:00	1011.6
2/11/2017 10:00	1094.2
2/11/2017 11:00	867.8
2/11/2017 12:00	847.7
2/11/2017 13:00	1009.5
2/11/2017 14:00	658.2
2/11/2017 15:00	689.9
2/11/2017 16:00	739.3
2/11/2017 17:00	656.8
2/11/2017 18:00	684.6
2/11/2017 19:00	817.7

Date & Time	Production Rate (GPM)
2/11/2017 20:00	1021.2
2/11/2017 21:00	1115.4
2/11/2017 22:00	1058.1
2/11/2017 23:00	983.8
2/12/2017 0:00	1134.4
2/12/2017 1:00	1120.3
2/12/2017 2:00	1007.3
2/12/2017 3:00	1083.0
2/12/2017 4:00	1050.8
2/12/2017 5:00	1289.0
2/12/2017 6:00	1356.0
2/12/2017 7:00	1335.6
2/12/2017 8:00	1531.2
2/12/2017 9:00	1301.5
2/12/2017 10:00	1092.5
2/12/2017 11:00	1003.6
2/12/2017 12:00	880.4
2/12/2017 13:00	650.7
2/12/2017 14:00	657.4
2/12/2017 15:00	610.9
2/12/2017 16:00	738.7
2/12/2017 17:00	633.0
2/12/2017 18:00	764.0
2/12/2017 19:00	1267.9
2/12/2017 20:00	887.7
2/12/2017 21:00	959.7
2/12/2017 22:00	1106.2
2/12/2017 23:00	1257.1
2/13/2017 0:00	1268.0
2/13/2017 1:00	1076.5
2/13/2017 2:00	1244.2
2/13/2017 3:00	1365.9
2/13/2017 4:00	1199.1
2/13/2017 5:00	1322.6
2/13/2017 6:00	1529.8
2/13/2017 7:00	1560.4
2/13/2017 8:00	1563.3
2/13/2017 9:00	1475.4
2/13/2017 10:00	1450.8
2/13/2017 11:00	1089.3
2/13/2017 12:00	908.0
2/13/2017 13:00	617.4
2/13/2017 14:00	888.5
2/13/2017 15:00	809.2
2/13/2017 16:00	770.1
2/13/2017 17:00	749.9
2/13/2017 18:00	814.1
2/13/2017 19:00	896.9
2/13/2017 20:00	927.3
2/13/2017 21:00	958.2
2/13/2017 22:00	1021.8
2/13/2017 23:00	1001.2
2/14/2017 0:00	942.1
2/14/2017 1:00	1032.7
2/14/2017 2:00	1203.6
2/14/2017 3:00	1346.1
2/14/2017 4:00	1162.3
2/14/2017 5:00	1328.4
2/14/2017 6:00	1469.7
2/14/2017 7:00	1572.6
2/14/2017 8:00	1530.4
2/14/2017 9:00	1446.5
2/14/2017 10:00	1200.1

Date & Time	Production Rate (GPM)
2/14/2017 11:00	944.9
2/14/2017 12:00	808.6
2/14/2017 13:00	591.5
2/14/2017 14:00	730.0
2/14/2017 15:00	706.2
2/14/2017 16:00	695.1
2/14/2017 17:00	592.6
2/14/2017 18:00	801.2
2/14/2017 19:00	780.2
2/14/2017 20:00	947.8
2/14/2017 21:00	1037.8
2/14/2017 22:00	969.8
2/14/2017 23:00	913.3
2/15/2017 0:00	928.8
2/15/2017 1:00	1072.3
2/15/2017 2:00	1054.2
2/15/2017 3:00	1168.5
2/15/2017 4:00	1131.8
2/15/2017 5:00	1372.5
2/15/2017 6:00	1463.1
2/15/2017 7:00	1507.5
2/15/2017 8:00	1525.3
2/15/2017 9:00	1309.0
2/15/2017 10:00	1398.7
2/15/2017 11:00	1157.0
2/15/2017 12:00	763.0
2/15/2017 13:00	875.2
2/15/2017 14:00	737.3
2/15/2017 15:00	884.5
2/15/2017 16:00	1016.8
2/15/2017 17:00	810.3
2/15/2017 18:00	719.6
2/15/2017 19:00	680.8
2/15/2017 20:00	808.7
2/15/2017 21:00	888.1
2/15/2017 22:00	922.5
2/15/2017 23:00	765.2
2/16/2017 0:00	804.4
2/16/2017 1:00	806.7
2/16/2017 2:00	808.9
2/16/2017 3:00	878.2
2/16/2017 4:00	681.9
2/16/2017 5:00	880.5
2/16/2017 6:00	940.1
2/16/2017 7:00	1124.4
2/16/2017 8:00	916.6
2/16/2017 9:00	902.6
2/16/2017 10:00	613.3
2/16/2017 11:00	593.6
2/16/2017 12:00	653.4
2/16/2017 13:00	557.4
2/16/2017 14:00	524.0
2/16/2017 15:00	430.6
2/16/2017 16:00	673.6
2/16/2017 17:00	788.4
2/16/2017 18:00	746.0
2/16/2017 19:00	691.1
2/16/2017 20:00	609.9
2/16/2017 21:00	617.7
2/16/2017 22:00	639.6
2/16/2017 23:00	762.8
2/17/2017 0:00	821.8
2/17/2017 1:00	806.3

Date & Time	Production Rate (GPM)
2/17/2017 2:00	660.2
2/17/2017 3:00	819.2
2/17/2017 4:00	848.3
2/17/2017 5:00	831.5
2/17/2017 6:00	862.9
2/17/2017 7:00	864.6
2/17/2017 8:00	1041.5
2/17/2017 9:00	948.0
2/17/2017 10:00	805.5
2/17/2017 11:00	802.5
2/17/2017 12:00	545.6
2/17/2017 13:00	617.3
2/17/2017 14:00	603.7
2/17/2017 15:00	525.6
2/17/2017 16:00	563.4
2/17/2017 17:00	607.0
2/17/2017 18:00	720.3
2/17/2017 19:00	620.6
2/17/2017 20:00	654.1
2/17/2017 21:00	594.3
2/17/2017 22:00	765.8
2/17/2017 23:00	612.8
2/18/2017 0:00	639.9
2/18/2017 1:00	693.9
2/18/2017 2:00	797.3
2/18/2017 3:00	547.5
2/18/2017 4:00	639.1
2/18/2017 5:00	522.4
2/18/2017 6:00	693.3
2/18/2017 7:00	692.0
2/18/2017 8:00	685.6
2/18/2017 9:00	783.1
2/18/2017 10:00	581.4
2/18/2017 11:00	691.4
2/18/2017 12:00	612.9
2/18/2017 13:00	548.3
2/18/2017 14:00	563.6
2/18/2017 15:00	621.1
2/18/2017 16:00	503.5
2/18/2017 17:00	528.1
2/18/2017 18:00	542.6
2/18/2017 19:00	542.8
2/18/2017 20:00	536.2
2/18/2017 21:00	599.2
2/18/2017 22:00	562.2
2/18/2017 23:00	646.9
2/19/2017 0:00	589.2
2/19/2017 1:00	688.8
2/19/2017 2:00	686.5
2/19/2017 3:00	701.5
2/19/2017 4:00	589.0
2/19/2017 5:00	660.2
2/19/2017 6:00	760.0
2/19/2017 7:00	905.3
2/19/2017 8:00	788.9
2/19/2017 9:00	801.4
2/19/2017 10:00	730.8
2/19/2017 11:00	474.6
2/19/2017 12:00	514.5
2/19/2017 13:00	662.7
2/19/2017 14:00	445.9
2/19/2017 15:00	574.4
2/19/2017 16:00	494.8

Date & Time	Production Rate (GPM)
2/19/2017 17:00	479.6
2/19/2017 18:00	690.3
2/19/2017 19:00	633.7
2/19/2017 20:00	615.7
2/19/2017 21:00	611.8
2/19/2017 22:00	596.7
2/19/2017 23:00	830.2
2/20/2017 0:00	674.3
2/20/2017 1:00	553.6
2/20/2017 2:00	577.1
2/20/2017 3:00	667.6
2/20/2017 4:00	649.3
2/20/2017 5:00	810.4
2/20/2017 6:00	808.6
2/20/2017 7:00	844.2
2/20/2017 8:00	641.5
2/20/2017 9:00	732.7
2/20/2017 10:00	563.6
2/20/2017 11:00	588.4
2/20/2017 12:00	590.3
2/20/2017 13:00	562.8
2/20/2017 14:00	460.9
2/20/2017 15:00	453.3
2/20/2017 16:00	807.4
2/20/2017 17:00	524.7
2/20/2017 18:00	566.2
2/20/2017 19:00	509.6
2/20/2017 20:00	513.4
2/20/2017 21:00	490.2
2/20/2017 22:00	676.9
2/20/2017 23:00	692.0
2/21/2017 0:00	607.3
2/21/2017 1:00	783.4
2/21/2017 2:00	597.7
2/21/2017 3:00	760.4
2/21/2017 4:00	802.1
2/21/2017 5:00	898.5
2/21/2017 6:00	706.1
2/21/2017 7:00	867.3
2/21/2017 8:00	835.6
2/21/2017 9:00	739.4
2/21/2017 10:00	777.5
2/21/2017 11:00	556.6
2/21/2017 12:00	566.1
2/21/2017 13:00	603.9
2/21/2017 14:00	524.6
2/21/2017 15:00	541.0
2/21/2017 16:00	468.2
2/21/2017 17:00	757.5
2/21/2017 18:00	621.2
2/21/2017 19:00	633.3
2/21/2017 20:00	541.3
2/21/2017 21:00	640.6
2/21/2017 22:00	590.7
2/21/2017 23:00	654.2
2/22/2017 0:00	740.7
2/22/2017 1:00	698.2
2/22/2017 2:00	680.8
2/22/2017 3:00	854.0
2/22/2017 4:00	914.8
2/22/2017 5:00	943.4
2/22/2017 6:00	1146.4
2/22/2017 7:00	1245.6

Date & Time	Production Rate (GPM)
2/22/2017 8:00	1293.8
2/22/2017 9:00	1204.5
2/22/2017 10:00	947.8
2/22/2017 11:00	788.5
2/22/2017 12:00	722.6
2/22/2017 13:00	1102.5
2/22/2017 14:00	961.7
2/22/2017 15:00	700.0
2/22/2017 16:00	1067.2
2/22/2017 17:00	881.4
2/22/2017 18:00	767.7
2/22/2017 19:00	838.0
2/22/2017 20:00	984.6
2/22/2017 21:00	975.8
2/22/2017 22:00	987.2
2/22/2017 23:00	860.7
2/23/2017 0:00	824.8
2/23/2017 1:00	805.4
2/23/2017 2:00	866.2
2/23/2017 3:00	1043.6
2/23/2017 4:00	1125.4
2/23/2017 5:00	1234.3
2/23/2017 6:00	1399.8
2/23/2017 7:00	1483.3
2/23/2017 8:00	1501.8
2/23/2017 9:00	1389.4
2/23/2017 10:00	1395.5
2/23/2017 11:00	1163.1
2/23/2017 12:00	1141.5
2/23/2017 13:00	1190.2
2/23/2017 14:00	1200.5
2/23/2017 15:00	1168.5
2/23/2017 16:00	1070.9
2/23/2017 17:00	1237.7
2/23/2017 18:00	1207.5
2/23/2017 19:00	1236.5
2/23/2017 20:00	1146.8
2/23/2017 21:00	1292.5
2/23/2017 22:00	1129.6
2/23/2017 23:00	1111.2
2/24/2017 0:00	1057.8
2/24/2017 1:00	1099.6
2/24/2017 2:00	1020.0
2/24/2017 3:00	1307.3
2/24/2017 4:00	1272.5
2/24/2017 5:00	1398.3
2/24/2017 6:00	1520.6
2/24/2017 7:00	1543.0
2/24/2017 8:00	1534.5
2/24/2017 9:00	1473.7
2/24/2017 10:00	1309.8
2/24/2017 11:00	1156.6
2/24/2017 12:00	1053.3
2/24/2017 13:00	1052.4
2/24/2017 14:00	1043.6
2/24/2017 15:00	960.6
2/24/2017 16:00	1013.6
2/24/2017 17:00	949.6
2/24/2017 18:00	814.4
2/24/2017 19:00	944.5
2/24/2017 20:00	922.3
2/24/2017 21:00	1072.7
2/24/2017 22:00	982.0

Date & Time	Production Rate (GPM)
2/24/2017 23:00	1070.4
2/25/2017 0:00	995.5
2/25/2017 1:00	958.7
2/25/2017 2:00	1002.6
2/25/2017 3:00	1136.0
2/25/2017 4:00	1286.7
2/25/2017 5:00	1144.4
2/25/2017 6:00	1346.2
2/25/2017 7:00	1409.2
2/25/2017 8:00	1487.3
2/25/2017 9:00	1443.4
2/25/2017 10:00	1205.1
2/25/2017 11:00	988.1
2/25/2017 12:00	833.4
2/25/2017 13:00	824.4
2/25/2017 14:00	967.7
2/25/2017 15:00	721.9
2/25/2017 16:00	706.8
2/25/2017 17:00	665.2
2/25/2017 18:00	667.1
2/25/2017 19:00	936.6
2/25/2017 20:00	915.9
2/25/2017 21:00	862.9
2/25/2017 22:00	924.2
2/25/2017 23:00	1091.1
2/26/2017 0:00	990.9
2/26/2017 1:00	948.4
2/26/2017 2:00	985.4
2/26/2017 3:00	1121.5
2/26/2017 4:00	1064.8
2/26/2017 5:00	1117.5
2/26/2017 6:00	1234.8
2/26/2017 7:00	1087.4
2/26/2017 8:00	1373.3
2/26/2017 9:00	1039.1
2/26/2017 10:00	993.9
2/26/2017 11:00	787.1
2/26/2017 12:00	1028.8
2/26/2017 13:00	863.1
2/26/2017 14:00	947.7
2/26/2017 15:00	933.6
2/26/2017 16:00	792.5
2/26/2017 17:00	1011.1
2/26/2017 18:00	937.7
2/26/2017 19:00	926.9
2/26/2017 20:00	1050.9
2/26/2017 21:00	1011.6
2/26/2017 22:00	1079.3
2/26/2017 23:00	1047.2
2/27/2017 0:00	917.8
2/27/2017 1:00	914.6
2/27/2017 2:00	1038.2
2/27/2017 3:00	1091.9
2/27/2017 4:00	1292.1
2/27/2017 5:00	1262.6
2/27/2017 6:00	1314.5
2/27/2017 7:00	1538.3
2/27/2017 8:00	1468.9
2/27/2017 9:00	1315.7
2/27/2017 10:00	1206.9
2/27/2017 11:00	1060.0
2/27/2017 12:00	953.8
2/27/2017 13:00	1019.4

Date & Time	Production Rate (GPM)
2/27/2017 14:00	1065.5
2/27/2017 15:00	1004.2
2/27/2017 16:00	1115.2
2/27/2017 17:00	944.8
2/27/2017 18:00	1121.0
2/27/2017 19:00	1158.2
2/27/2017 20:00	999.4
2/27/2017 21:00	1121.9
2/27/2017 22:00	898.2
2/27/2017 23:00	956.2
2/28/2017 0:00	909.3
2/28/2017 1:00	1048.7
2/28/2017 2:00	1060.8
2/28/2017 3:00	1272.0
2/28/2017 4:00	1138.0
2/28/2017 5:00	1319.2
2/28/2017 6:00	1358.5
2/28/2017 7:00	1496.3
2/28/2017 8:00	1481.5
2/28/2017 9:00	1229.1
2/28/2017 10:00	1068.6
2/28/2017 11:00	1031.0
2/28/2017 12:00	871.4
2/28/2017 13:00	760.3
2/28/2017 14:00	810.4
2/28/2017 15:00	703.9
2/28/2017 16:00	1012.4
2/28/2017 17:00	898.4
2/28/2017 18:00	734.9
2/28/2017 19:00	782.3
2/28/2017 20:00	870.3
2/28/2017 21:00	967.6
2/28/2017 22:00	690.1
2/28/2017 23:00	770.6
3/1/2017 0:00	861.7
3/1/2017 1:00	915.7
3/1/2017 2:00	908.1
3/1/2017 3:00	978.9
3/1/2017 4:00	1131.2
3/1/2017 5:00	1043.3
3/1/2017 6:00	1239.9
3/1/2017 7:00	1496.3
3/1/2017 8:00	1371.6
3/1/2017 9:00	1265.1
3/1/2017 10:00	809.7
3/1/2017 11:00	891.0
3/1/2017 12:00	695.0
3/1/2017 13:00	628.3
3/1/2017 14:00	682.1
3/1/2017 15:00	543.0
3/1/2017 16:00	563.2
3/1/2017 17:00	543.6
3/1/2017 18:00	734.8
3/1/2017 19:00	741.8
3/1/2017 20:00	804.4
3/1/2017 21:00	713.8
3/1/2017 22:00	904.3
3/1/2017 23:00	723.6
3/2/2017 0:00	705.7
3/2/2017 1:00	830.5
3/2/2017 2:00	749.5
3/2/2017 3:00	907.4
3/2/2017 4:00	932.3

Date & Time	Production Rate (GPM)
3/2/2017 5:00	975.5
3/2/2017 6:00	1230.1
3/2/2017 7:00	1513.0
3/2/2017 8:00	1371.9
3/2/2017 9:00	1142.3
3/2/2017 10:00	961.3
3/2/2017 11:00	709.3
3/2/2017 12:00	800.4
3/2/2017 13:00	511.4
3/2/2017 14:00	643.8
3/2/2017 15:00	501.1
3/2/2017 16:00	485.0
3/2/2017 17:00	666.4
3/2/2017 18:00	676.6
3/2/2017 19:00	543.0
3/2/2017 20:00	556.2
3/2/2017 21:00	611.7
3/2/2017 22:00	545.8
3/2/2017 23:00	797.8
3/3/2017 0:00	584.1
3/3/2017 1:00	622.2
3/3/2017 2:00	811.8
3/3/2017 3:00	922.7
3/3/2017 4:00	1009.5
3/3/2017 5:00	936.1
3/3/2017 6:00	1034.1
3/3/2017 7:00	1134.0
3/3/2017 8:00	1242.6
3/3/2017 9:00	763.2
3/3/2017 10:00	759.1
3/3/2017 11:00	693.2
3/3/2017 12:00	531.4
3/3/2017 13:00	517.6
3/3/2017 14:00	450.8
3/3/2017 15:00	469.9
3/3/2017 16:00	496.9
3/3/2017 17:00	502.8
3/3/2017 18:00	625.7
3/3/2017 19:00	564.6
3/3/2017 20:00	644.4
3/3/2017 21:00	531.4
3/3/2017 22:00	606.7
3/3/2017 23:00	597.3
3/4/2017 0:00	602.2
3/4/2017 1:00	759.2
3/4/2017 2:00	525.7
3/4/2017 3:00	653.1
3/4/2017 4:00	548.9
3/4/2017 5:00	564.7
3/4/2017 6:00	614.6
3/4/2017 7:00	689.0
3/4/2017 8:00	975.7
3/4/2017 9:00	792.3
3/4/2017 10:00	788.1
3/4/2017 11:00	803.9
3/4/2017 12:00	717.5
3/4/2017 13:00	506.2
3/4/2017 14:00	640.3
3/4/2017 15:00	460.0
3/4/2017 16:00	493.3
3/4/2017 17:00	463.7
3/4/2017 18:00	453.4
3/4/2017 19:00	533.8

Date & Time	Production Rate (GPM)
3/4/2017 20:00	505.6
3/4/2017 21:00	494.7
3/4/2017 22:00	432.5
3/4/2017 23:00	485.2
3/5/2017 0:00	549.1
3/5/2017 1:00	535.1
3/5/2017 2:00	637.2
3/5/2017 3:00	528.8
3/5/2017 4:00	655.3
3/5/2017 5:00	599.1
3/5/2017 6:00	682.3
3/5/2017 7:00	662.1
3/5/2017 8:00	791.3
3/5/2017 9:00	852.1
3/5/2017 10:00	688.2
3/5/2017 11:00	741.7
3/5/2017 12:00	663.0
3/5/2017 13:00	736.1
3/5/2017 14:00	708.8
3/5/2017 15:00	648.7
3/5/2017 16:00	575.8
3/5/2017 17:00	612.2
3/5/2017 18:00	650.0
3/5/2017 19:00	819.9
3/5/2017 20:00	778.2
3/5/2017 21:00	831.8
3/5/2017 22:00	847.1
3/5/2017 23:00	908.7
3/6/2017 0:00	788.8
3/6/2017 1:00	1070.5
3/6/2017 2:00	947.3
3/6/2017 3:00	1053.1
3/6/2017 4:00	889.6
3/6/2017 5:00	1202.8
3/6/2017 6:00	1158.2
3/6/2017 7:00	1360.1
3/6/2017 8:00	1342.0
3/6/2017 9:00	1124.4
3/6/2017 10:00	959.7
3/6/2017 11:00	756.2
3/6/2017 12:00	921.5
3/6/2017 13:00	985.5
3/6/2017 14:00	946.9
3/6/2017 15:00	1074.2
3/6/2017 16:00	971.3
3/6/2017 17:00	1038.8
3/6/2017 18:00	1206.0
3/6/2017 19:00	1214.0
3/6/2017 20:00	986.6
3/6/2017 21:00	903.2
3/6/2017 22:00	729.7
3/6/2017 23:00	813.7
3/7/2017 0:00	819.6
3/7/2017 1:00	902.3
3/7/2017 2:00	965.3
3/7/2017 3:00	1088.2
3/7/2017 4:00	1105.2
3/7/2017 5:00	1107.4
3/7/2017 6:00	1186.6
3/7/2017 7:00	1175.0
3/7/2017 8:00	1312.3
3/7/2017 9:00	1064.2
3/7/2017 10:00	864.9

Date & Time	Production Rate (GPM)
3/7/2017 11:00	771.2
3/7/2017 12:00	671.4
3/7/2017 13:00	718.8
3/7/2017 14:00	809.2
3/7/2017 15:00	702.6
3/7/2017 16:00	786.1
3/7/2017 17:00	690.1
3/7/2017 18:00	686.6
3/7/2017 19:00	688.6
3/7/2017 20:00	588.9
3/7/2017 21:00	613.8
3/7/2017 22:00	480.8
3/7/2017 23:00	635.3
3/8/2017 0:00	568.8
3/8/2017 1:00	514.3
3/8/2017 2:00	576.8
3/8/2017 3:00	766.0
3/8/2017 4:00	560.9
3/8/2017 5:00	616.2
3/8/2017 6:00	752.4
3/8/2017 7:00	841.4
3/8/2017 8:00	739.1
3/8/2017 9:00	787.7
3/8/2017 10:00	673.1
3/8/2017 11:00	693.8
3/8/2017 12:00	497.3
3/8/2017 13:00	628.3
3/8/2017 14:00	429.3
3/8/2017 15:00	454.6
3/8/2017 16:00	500.4
3/8/2017 17:00	430.1
3/8/2017 18:00	494.4
3/8/2017 19:00	516.9
3/8/2017 20:00	590.1
3/8/2017 21:00	579.7
3/8/2017 22:00	443.7
3/8/2017 23:00	549.1
3/9/2017 0:00	517.5
3/9/2017 1:00	518.1
3/9/2017 2:00	503.3
3/9/2017 3:00	516.2
3/9/2017 4:00	620.6
3/9/2017 5:00	760.6
3/9/2017 6:00	802.5
3/9/2017 7:00	790.9
3/9/2017 8:00	703.8
3/9/2017 9:00	645.2
3/9/2017 10:00	630.1
3/9/2017 11:00	(null)
3/9/2017 12:00	493.6
3/9/2017 13:00	461.1
3/9/2017 14:00	446.0
3/9/2017 15:00	414.9
3/9/2017 16:00	389.8
3/9/2017 17:00	549.4
3/9/2017 18:00	450.9
3/9/2017 19:00	601.5
3/9/2017 20:00	492.9
3/9/2017 21:00	441.6
3/9/2017 22:00	411.8
3/9/2017 23:00	433.2
3/10/2017 0:00	431.6
3/10/2017 1:00	461.5

Date & Time	Production Rate (GPM)
3/10/2017 2:00	429.7
3/10/2017 3:00	449.1
3/10/2017 4:00	547.6
3/10/2017 5:00	463.2
3/10/2017 6:00	603.8
3/10/2017 7:00	638.8
3/10/2017 8:00	737.8
3/10/2017 9:00	667.0
3/10/2017 10:00	604.6
3/10/2017 11:00	559.8
3/10/2017 12:00	396.2
3/10/2017 13:00	493.1
3/10/2017 14:00	510.1
3/10/2017 15:00	414.2
3/10/2017 16:00	478.6
3/10/2017 17:00	422.2
3/10/2017 18:00	428.4
3/10/2017 19:00	437.7
3/10/2017 20:00	545.2
3/10/2017 21:00	584.8
3/10/2017 22:00	572.4
3/10/2017 23:00	561.4
3/11/2017 0:00	544.3
3/11/2017 1:00	589.5
3/11/2017 2:00	579.7
3/11/2017 3:00	594.7
3/11/2017 4:00	588.1
3/11/2017 5:00	658.0
3/11/2017 6:00	613.4
3/11/2017 7:00	670.5
3/11/2017 8:00	616.9
3/11/2017 9:00	640.6
3/11/2017 10:00	460.6
3/11/2017 11:00	400.3
3/11/2017 12:00	485.7
3/11/2017 13:00	399.7
3/11/2017 14:00	418.0
3/11/2017 15:00	458.6
3/11/2017 16:00	375.2
3/11/2017 17:00	366.0
3/11/2017 18:00	391.7
3/11/2017 19:00	421.4
3/11/2017 20:00	442.2
3/11/2017 21:00	452.7
3/11/2017 22:00	512.0
3/11/2017 23:00	533.5
3/12/2017 0:00	453.4
3/12/2017 1:00	508.4
3/12/2017 3:00	484.1
3/12/2017 4:00	505.6
3/12/2017 5:00	579.9
3/12/2017 6:00	604.7
3/12/2017 7:00	682.6
3/12/2017 8:00	752.3
3/12/2017 9:00	688.7
3/12/2017 10:00	614.9
3/12/2017 11:00	544.5
3/12/2017 12:00	468.7
3/12/2017 13:00	487.6
3/12/2017 14:00	399.1
3/12/2017 15:00	373.3
3/12/2017 16:00	374.0
3/12/2017 17:00	455.1

Date & Time	Production Rate (GPM)
3/12/2017 18:00	433.0
3/12/2017 19:00	402.3
3/12/2017 20:00	425.0
3/12/2017 21:00	461.5
3/12/2017 22:00	482.1
3/12/2017 23:00	469.4
3/13/2017 0:00	470.2
3/13/2017 1:00	565.0
3/13/2017 2:00	497.4
3/13/2017 3:00	527.5
3/13/2017 4:00	586.1
3/13/2017 5:00	612.6
3/13/2017 6:00	773.8
3/13/2017 7:00	937.4
3/13/2017 8:00	925.1
3/13/2017 9:00	828.0
3/13/2017 10:00	720.4
3/13/2017 11:00	575.6
3/13/2017 12:00	512.8
3/13/2017 13:00	405.8
3/13/2017 14:00	362.4
3/13/2017 15:00	349.9
3/13/2017 16:00	322.5
3/13/2017 17:00	356.4
3/13/2017 18:00	340.1
3/13/2017 19:00	368.9
3/13/2017 20:00	381.3
3/13/2017 21:00	364.6
3/13/2017 22:00	416.3
3/13/2017 23:00	470.4
3/14/2017 0:00	421.3
3/14/2017 1:00	440.9
3/14/2017 2:00	454.6
3/14/2017 3:00	418.4
3/14/2017 4:00	455.4
3/14/2017 5:00	440.1
3/14/2017 6:00	537.2
3/14/2017 7:00	723.9
3/14/2017 8:00	633.6
3/14/2017 9:00	503.6
3/14/2017 10:00	459.3
3/14/2017 11:00	397.7
3/14/2017 12:00	388.0
3/14/2017 13:00	344.0
3/14/2017 14:00	326.3
3/14/2017 15:00	281.8
3/14/2017 16:00	292.5
3/14/2017 17:00	303.8
3/14/2017 18:00	315.9
3/14/2017 19:00	327.6
3/14/2017 20:00	378.1
3/14/2017 21:00	352.1
3/14/2017 22:00	388.6
3/14/2017 23:00	364.3
3/15/2017 0:00	364.2
3/15/2017 1:00	385.9
3/15/2017 2:00	472.8
3/15/2017 3:00	421.0
3/15/2017 4:00	423.9
3/15/2017 5:00	655.3
3/15/2017 6:00	489.0
3/15/2017 7:00	523.9
3/15/2017 8:00	622.1

Date & Time	Production Rate (GPM)
3/15/2017 9:00	623.4
3/15/2017 10:00	500.0
3/15/2017 11:00	346.3
3/15/2017 12:00	305.1
3/15/2017 13:00	307.7
3/15/2017 14:00	358.7
3/15/2017 15:00	312.2
3/15/2017 16:00	292.2
3/15/2017 17:00	317.6
3/15/2017 18:00	308.1
3/15/2017 19:00	315.0
3/15/2017 20:00	362.4
3/15/2017 21:00	365.4
3/15/2017 22:00	446.5
3/15/2017 23:00	426.0
3/16/2017 0:00	362.0
3/16/2017 1:00	375.1
3/16/2017 2:00	385.5
3/16/2017 3:00	350.7
3/16/2017 4:00	397.1
3/16/2017 5:00	417.9
3/16/2017 6:00	418.7
3/16/2017 7:00	512.3
3/16/2017 8:00	568.7
3/16/2017 9:00	645.8
3/16/2017 10:00	494.0
3/16/2017 11:00	411.0
3/16/2017 12:00	476.3
3/16/2017 13:00	471.0
3/16/2017 14:00	369.4
3/16/2017 15:00	378.2
3/16/2017 16:00	314.7
3/16/2017 17:00	321.2
3/16/2017 18:00	404.5
3/16/2017 19:00	351.8
3/16/2017 20:00	382.3
3/16/2017 21:00	422.9
3/16/2017 22:00	441.0
3/16/2017 23:00	453.2
3/17/2017 0:00	403.0
3/17/2017 1:00	430.5
3/17/2017 2:00	416.1
3/17/2017 3:00	403.9
3/17/2017 4:00	467.3
3/17/2017 5:00	538.6
3/17/2017 6:00	521.8
3/17/2017 7:00	601.1
3/17/2017 8:00	605.7
3/17/2017 9:00	505.6
3/17/2017 10:00	453.3
3/17/2017 11:00	426.4
3/17/2017 12:00	384.9
3/17/2017 13:00	312.3
3/17/2017 14:00	286.7
3/17/2017 15:00	267.3
3/17/2017 16:00	264.5
3/17/2017 17:00	318.7
3/17/2017 18:00	277.3
3/17/2017 19:00	284.5
3/17/2017 20:00	344.6
3/17/2017 21:00	281.2
3/17/2017 22:00	345.8
3/17/2017 23:00	287.8

Date & Time	Production Rate (GPM)
3/18/2017 0:00	307.3
3/18/2017 1:00	357.0
3/18/2017 2:00	564.4
3/18/2017 3:00	378.8
3/18/2017 4:00	379.6
3/18/2017 5:00	457.7
3/18/2017 6:00	381.6
3/18/2017 7:00	477.0
3/18/2017 8:00	449.0
3/18/2017 9:00	481.8
3/18/2017 10:00	447.1
3/18/2017 11:00	413.9
3/18/2017 12:00	414.0
3/18/2017 13:00	332.5
3/18/2017 14:00	372.2
3/18/2017 15:00	328.0
3/18/2017 16:00	346.3
3/18/2017 17:00	414.2
3/18/2017 18:00	358.7
3/18/2017 19:00	401.6
3/18/2017 20:00	352.0
3/18/2017 21:00	353.0
3/18/2017 22:00	363.0
3/18/2017 23:00	394.5
3/19/2017 0:00	422.7
3/19/2017 1:00	361.9
3/19/2017 2:00	361.9
3/19/2017 3:00	461.6
3/19/2017 4:00	428.8
3/19/2017 5:00	387.2
3/19/2017 6:00	415.7
3/19/2017 7:00	524.8
3/19/2017 8:00	458.8
3/19/2017 9:00	609.0
3/19/2017 10:00	385.6
3/19/2017 11:00	386.8
3/19/2017 12:00	367.3
3/19/2017 13:00	353.3
3/19/2017 14:00	362.7
3/19/2017 15:00	320.5
3/19/2017 16:00	449.7
3/19/2017 17:00	375.6
3/19/2017 18:00	427.0
3/19/2017 19:00	383.2
3/19/2017 20:00	453.9
3/19/2017 21:00	450.1
3/19/2017 22:00	427.5
3/19/2017 23:00	411.0
3/20/2017 0:00	406.8
3/20/2017 1:00	439.6
3/20/2017 2:00	369.5
3/20/2017 3:00	421.3
3/20/2017 4:00	440.6
3/20/2017 5:00	386.1
3/20/2017 6:00	483.5
3/20/2017 7:00	548.8
3/20/2017 8:00	519.7
3/20/2017 9:00	550.4
3/20/2017 10:00	482.1
3/20/2017 11:00	494.1
3/20/2017 12:00	479.6
3/20/2017 13:00	454.6
3/20/2017 14:00	381.5

Date & Time	Production Rate (GPM)
3/20/2017 15:00	313.5
3/20/2017 16:00	332.7
3/20/2017 17:00	384.3
3/20/2017 18:00	305.7
3/20/2017 19:00	301.2
3/20/2017 20:00	285.1
3/20/2017 21:00	470.5
3/20/2017 22:00	399.0
3/20/2017 23:00	293.9
3/21/2017 0:00	322.4
3/21/2017 1:00	297.1
3/21/2017 2:00	410.8
3/21/2017 3:00	443.5
3/21/2017 4:00	338.6
3/21/2017 5:00	488.5
3/21/2017 6:00	446.2
3/21/2017 7:00	427.2
3/21/2017 8:00	508.3
3/21/2017 9:00	454.1
3/21/2017 10:00	478.1
3/21/2017 11:00	398.0
3/21/2017 12:00	500.9
3/21/2017 13:00	344.1
3/21/2017 14:00	461.6
3/21/2017 15:00	418.1
3/21/2017 16:00	439.2
3/21/2017 17:00	402.3
3/21/2017 18:00	333.7
3/21/2017 19:00	376.5
3/21/2017 20:00	454.4
3/21/2017 21:00	352.5
3/21/2017 22:00	444.0
3/21/2017 23:00	394.2
3/22/2017 0:00	455.4
3/22/2017 1:00	415.8
3/22/2017 2:00	469.9
3/22/2017 3:00	422.9
3/22/2017 4:00	350.2
3/22/2017 5:00	409.5
3/22/2017 6:00	504.3
3/22/2017 7:00	729.7
3/22/2017 8:00	679.9
3/22/2017 9:00	707.7
3/22/2017 10:00	555.7
3/22/2017 11:00	411.9
3/22/2017 12:00	440.3
3/22/2017 13:00	425.1
3/22/2017 14:00	449.1
3/22/2017 15:00	482.1
3/22/2017 16:00	328.9
3/22/2017 17:00	376.8
3/22/2017 18:00	340.9
3/22/2017 19:00	344.0
3/22/2017 20:00	374.2
3/22/2017 21:00	396.0
3/22/2017 22:00	367.2
3/22/2017 23:00	387.0
3/23/2017 0:00	380.7
3/23/2017 1:00	355.1
3/23/2017 2:00	404.9
3/23/2017 3:00	407.5
3/23/2017 4:00	516.5
3/23/2017 5:00	800.0

Date & Time	Production Rate (GPM)
3/23/2017 6:00	832.7
3/23/2017 7:00	833.7
3/23/2017 8:00	665.6
3/23/2017 9:00	560.0
3/23/2017 10:00	450.3
3/23/2017 11:00	500.4
3/23/2017 12:00	490.8
3/23/2017 13:00	483.2
3/23/2017 14:00	510.9
3/23/2017 15:00	425.4
3/23/2017 16:00	429.7
3/23/2017 17:00	412.1
3/23/2017 18:00	384.3
3/23/2017 19:00	345.2
3/23/2017 20:00	443.8
3/23/2017 21:00	408.8
3/23/2017 22:00	386.2
3/23/2017 23:00	372.2
3/24/2017 0:00	353.0
3/24/2017 1:00	392.6
3/24/2017 2:00	393.7
3/24/2017 3:00	445.7
3/24/2017 4:00	510.2
3/24/2017 5:00	502.9
3/24/2017 6:00	557.7
3/24/2017 7:00	481.2
3/24/2017 8:00	505.0
3/24/2017 9:00	582.5
3/24/2017 10:00	570.7
3/24/2017 11:00	549.4
3/24/2017 12:00	509.6
3/24/2017 13:00	645.6
3/24/2017 14:00	455.6
3/24/2017 15:00	509.2
3/24/2017 16:00	544.5
3/24/2017 17:00	589.3
3/24/2017 18:00	433.2
3/24/2017 19:00	394.0
3/24/2017 20:00	511.2
3/24/2017 21:00	531.9
3/24/2017 22:00	379.3
3/24/2017 23:00	336.0
3/25/2017 0:00	382.4
3/25/2017 1:00	584.2
3/25/2017 2:00	395.5
3/25/2017 3:00	428.2
3/25/2017 4:00	468.0
3/25/2017 5:00	489.9
3/25/2017 6:00	496.9
3/25/2017 7:00	756.0
3/25/2017 8:00	674.0
3/25/2017 9:00	803.4
3/25/2017 10:00	664.7
3/25/2017 11:00	462.4
3/25/2017 12:00	419.4
3/25/2017 13:00	481.5
3/25/2017 14:00	387.5
3/25/2017 15:00	372.6
3/25/2017 16:00	382.5
3/25/2017 17:00	397.1
3/25/2017 18:00	380.7
3/25/2017 19:00	356.9
3/25/2017 20:00	412.3

Date & Time	Production Rate (GPM)
3/25/2017 21:00	536.2
3/25/2017 22:00	401.3
3/25/2017 23:00	396.8
3/26/2017 0:00	401.6
3/26/2017 1:00	603.1
3/26/2017 2:00	443.5
3/26/2017 3:00	433.1
3/26/2017 4:00	628.3
3/26/2017 5:00	672.1
3/26/2017 6:00	558.1
3/26/2017 7:00	560.5
3/26/2017 8:00	649.5
3/26/2017 9:00	609.5
3/26/2017 10:00	473.7
3/26/2017 11:00	530.0
3/26/2017 12:00	458.9
3/26/2017 13:00	471.9
3/26/2017 14:00	425.8
3/26/2017 15:00	519.2
3/26/2017 16:00	619.0
3/26/2017 17:00	485.6
3/26/2017 18:00	460.6
3/26/2017 19:00	422.6
3/26/2017 20:00	385.9
3/26/2017 21:00	574.7
3/26/2017 22:00	403.0
3/26/2017 23:00	399.6
3/27/2017 0:00	402.2
3/27/2017 1:00	591.3
3/27/2017 2:00	488.9
3/27/2017 3:00	664.4
3/27/2017 4:00	634.7
3/27/2017 5:00	668.2
3/27/2017 6:00	759.9
3/27/2017 7:00	853.3
3/27/2017 8:00	837.9
3/27/2017 9:00	806.7
3/27/2017 10:00	742.9
3/27/2017 11:00	558.5
3/27/2017 12:00	520.4
3/27/2017 13:00	602.9
3/27/2017 14:00	543.5
3/27/2017 15:00	471.4
3/27/2017 16:00	608.6
3/27/2017 17:00	465.9
3/27/2017 18:00	479.0
3/27/2017 19:00	449.0
3/27/2017 20:00	497.0
3/27/2017 21:00	612.9
3/27/2017 22:00	444.8
3/27/2017 23:00	470.8
3/28/2017 0:00	511.3
3/28/2017 1:00	736.0
3/28/2017 2:00	545.4
3/28/2017 3:00	761.8
3/28/2017 4:00	747.5
3/28/2017 5:00	807.3
3/28/2017 6:00	856.1
3/28/2017 7:00	875.9
3/28/2017 8:00	1176.3
3/28/2017 9:00	805.0
3/28/2017 10:00	806.0
3/28/2017 11:00	774.3

Date & Time	Production Rate (GPM)
3/28/2017 12:00	614.8
3/28/2017 13:00	564.2
3/28/2017 14:00	590.6
3/28/2017 15:00	467.2
3/28/2017 16:00	470.9
3/28/2017 17:00	477.6
3/28/2017 18:00	458.6
3/28/2017 19:00	546.0
3/28/2017 20:00	449.1
3/28/2017 21:00	456.3
3/28/2017 22:00	454.6
3/28/2017 23:00	641.3
3/29/2017 0:00	518.1
3/29/2017 1:00	714.6
3/29/2017 2:00	573.8
3/29/2017 3:00	577.9
3/29/2017 4:00	843.2
3/29/2017 5:00	793.9
3/29/2017 6:00	992.8
3/29/2017 7:00	777.1
3/29/2017 8:00	788.5
3/29/2017 9:00	702.1
3/29/2017 10:00	536.7
3/29/2017 11:00	595.0
3/29/2017 12:00	492.1
3/29/2017 13:00	554.0
3/29/2017 14:00	421.2
3/29/2017 15:00	449.6
3/29/2017 16:00	406.2
3/29/2017 17:00	464.7
3/29/2017 18:00	445.1
3/29/2017 19:00	394.3
3/29/2017 20:00	407.2
3/29/2017 21:00	404.4
3/29/2017 22:00	436.5
3/29/2017 23:00	432.6
3/30/2017 0:00	476.2
3/30/2017 1:00	456.3
3/30/2017 2:00	546.2
3/30/2017 3:00	481.3
3/30/2017 4:00	538.2
3/30/2017 5:00	506.7
3/30/2017 6:00	671.9
3/30/2017 7:00	810.6
3/30/2017 8:00	852.4
3/30/2017 9:00	1016.9
3/30/2017 10:00	909.8
3/30/2017 11:00	945.6
3/30/2017 12:00	906.7
3/30/2017 13:00	1053.2
3/30/2017 14:00	1096.6
3/30/2017 15:00	925.5
3/30/2017 16:00	1135.7
3/30/2017 17:00	978.4
3/30/2017 18:00	983.3
3/30/2017 19:00	728.9
3/30/2017 20:00	698.8
3/30/2017 21:00	764.4
3/30/2017 22:00	661.1
3/30/2017 23:00	708.8
3/31/2017 0:00	731.3
3/31/2017 1:00	609.0
3/31/2017 2:00	714.1

Date & Time	Production Rate (GPM)
3/31/2017 3:00	810.7
3/31/2017 4:00	809.2
3/31/2017 5:00	1016.7
3/31/2017 6:00	1025.9
3/31/2017 7:00	1196.6
3/31/2017 8:00	1104.4
3/31/2017 9:00	1008.2
3/31/2017 10:00	581.3
3/31/2017 11:00	573.0
3/31/2017 12:00	436.9
3/31/2017 13:00	491.1
3/31/2017 14:00	476.0
3/31/2017 15:00	369.6
3/31/2017 16:00	371.6
3/31/2017 17:00	399.8
3/31/2017 18:00	353.5
3/31/2017 19:00	365.9
3/31/2017 20:00	495.4
3/31/2017 21:00	457.5
3/31/2017 22:00	406.6
3/31/2017 23:00	475.4
4/1/2017 0:00	422.9
4/1/2017 1:00	410.0
4/1/2017 2:00	447.3
4/1/2017 3:00	533.2
4/1/2017 4:00	480.2
4/1/2017 5:00	579.6
4/1/2017 6:00	601.8
4/1/2017 7:00	789.5
4/1/2017 8:00	784.8
4/1/2017 9:00	697.2
4/1/2017 10:00	682.1
4/1/2017 11:00	494.0
4/1/2017 12:00	352.0
4/1/2017 13:00	527.8
4/1/2017 14:00	374.3
4/1/2017 15:00	430.9
4/1/2017 16:00	387.4
4/1/2017 17:00	369.7
4/1/2017 18:00	355.2
4/1/2017 19:00	372.3
4/1/2017 20:00	425.4
4/1/2017 21:00	416.4
4/1/2017 22:00	373.8
4/1/2017 23:00	365.9
4/2/2017 0:00	553.6
4/2/2017 1:00	559.1
4/2/2017 2:00	428.7
4/2/2017 3:00	471.5
4/2/2017 4:00	469.7
4/2/2017 5:00	638.2
4/2/2017 6:00	496.9
4/2/2017 7:00	617.5
4/2/2017 8:00	949.6
4/2/2017 9:00	512.0
4/2/2017 10:00	461.5
4/2/2017 11:00	405.5
4/2/2017 12:00	343.7
4/2/2017 13:00	367.0
4/2/2017 14:00	425.8
4/2/2017 15:00	413.1
4/2/2017 16:00	417.3
4/2/2017 17:00	443.2

Date & Time	Production Rate (GPM)
4/2/2017 18:00	438.9
4/2/2017 19:00	438.3
4/2/2017 20:00	336.0
4/2/2017 21:00	425.1
4/2/2017 22:00	501.4
4/2/2017 23:00	470.6
4/3/2017 0:00	633.6
4/3/2017 1:00	569.6
4/3/2017 2:00	557.8
4/3/2017 3:00	774.9
4/3/2017 4:00	892.1
4/3/2017 5:00	905.6
4/3/2017 6:00	1089.7
4/3/2017 7:00	1334.9
4/3/2017 8:00	1077.7
4/3/2017 9:00	953.2
4/3/2017 10:00	829.0
4/3/2017 11:00	571.6
4/3/2017 12:00	515.8
4/3/2017 13:00	572.8
4/3/2017 14:00	721.9
4/3/2017 15:00	555.9
4/3/2017 16:00	762.1
4/3/2017 17:00	520.4
4/3/2017 18:00	538.4
4/3/2017 19:00	517.5
4/3/2017 20:00	539.1
4/3/2017 21:00	474.3
4/3/2017 22:00	541.0
4/3/2017 23:00	789.0
4/4/2017 0:00	665.7
4/4/2017 1:00	476.3
4/4/2017 2:00	821.5
4/4/2017 3:00	977.7
4/4/2017 4:00	865.6
4/4/2017 5:00	958.7
4/4/2017 6:00	1156.9
4/4/2017 7:00	1379.3
4/4/2017 8:00	1304.0
4/4/2017 9:00	990.7
4/4/2017 10:00	596.1
4/4/2017 11:00	528.8
4/4/2017 12:00	590.5
4/4/2017 13:00	591.3
4/4/2017 14:00	553.0
4/4/2017 15:00	545.6
4/4/2017 16:00	536.2
4/4/2017 17:00	413.0
4/4/2017 18:00	465.0
4/4/2017 19:00	428.5
4/4/2017 20:00	436.8
4/4/2017 21:00	489.2
4/4/2017 22:00	392.3
4/4/2017 23:00	393.9
4/5/2017 0:00	635.8
4/5/2017 1:00	516.7
4/5/2017 2:00	417.6
4/5/2017 3:00	416.9
4/5/2017 4:00	573.2
4/5/2017 5:00	519.9
4/5/2017 6:00	644.1
4/5/2017 7:00	668.8
4/5/2017 8:00	661.5

Date & Time	Production Rate (GPM)
4/5/2017 9:00	741.3
4/5/2017 10:00	621.9
4/5/2017 11:00	440.1
4/5/2017 12:00	370.7
4/5/2017 13:00	376.9
4/5/2017 14:00	303.1
4/5/2017 15:00	283.3
4/5/2017 16:00	334.6
4/5/2017 17:00	269.5
4/5/2017 18:00	286.0
4/5/2017 19:00	277.4
4/5/2017 20:00	303.0
4/5/2017 21:00	306.6
4/5/2017 22:00	288.4
4/5/2017 23:00	271.9
4/6/2017 0:00	326.8
4/6/2017 1:00	289.2
4/6/2017 2:00	327.3
4/6/2017 3:00	282.2
4/6/2017 4:00	347.2
4/6/2017 5:00	316.0
4/6/2017 6:00	376.3
4/6/2017 7:00	484.1
4/6/2017 8:00	566.2
4/6/2017 9:00	660.5
4/6/2017 10:00	450.3
4/6/2017 11:00	348.1
4/6/2017 12:00	291.6
4/6/2017 13:00	283.4
4/6/2017 14:00	333.7
4/6/2017 15:00	361.5
4/6/2017 16:00	614.6
4/6/2017 17:00	435.2
4/6/2017 18:00	403.6
4/6/2017 19:00	326.9
4/6/2017 20:00	483.7
4/6/2017 21:00	439.7
4/6/2017 22:00	462.2
4/6/2017 23:00	473.9
4/7/2017 0:00	388.1
4/7/2017 1:00	433.2
4/7/2017 2:00	451.1
4/7/2017 3:00	387.2
4/7/2017 4:00	480.2
4/7/2017 5:00	414.2
4/7/2017 6:00	449.4
4/7/2017 7:00	514.6
4/7/2017 8:00	600.9
4/7/2017 9:00	440.3
4/7/2017 10:00	449.1
4/7/2017 11:00	483.8
4/7/2017 12:00	517.7
4/7/2017 13:00	456.4
4/7/2017 14:00	428.9
4/7/2017 15:00	385.2
4/7/2017 16:00	396.6
4/7/2017 17:00	400.0
4/7/2017 18:00	369.3
4/7/2017 19:00	492.7
4/7/2017 20:00	421.5
4/7/2017 21:00	488.6
4/7/2017 22:00	410.7
4/7/2017 23:00	706.7

Date & Time	Production Rate (GPM)
4/8/2017 0:00	367.9
4/8/2017 1:00	411.9
4/8/2017 2:00	392.3
4/8/2017 3:00	352.8
4/8/2017 4:00	379.4
4/8/2017 5:00	550.4
4/8/2017 6:00	436.5
4/8/2017 7:00	663.6
4/8/2017 8:00	513.1
4/8/2017 9:00	812.5
4/8/2017 10:00	520.1
4/8/2017 11:00	563.9
4/8/2017 12:00	509.7
4/8/2017 13:00	814.1
4/8/2017 14:00	524.9
4/8/2017 15:00	621.5
4/8/2017 16:00	472.5
4/8/2017 17:00	723.0
4/8/2017 18:00	797.8
4/8/2017 19:00	646.1
4/8/2017 20:00	505.0
4/8/2017 21:00	567.7
4/8/2017 22:00	560.7
4/8/2017 23:00	791.4
4/9/2017 0:00	626.7
4/9/2017 1:00	667.9
4/9/2017 2:00	783.0
4/9/2017 3:00	772.2
4/9/2017 4:00	825.6
4/9/2017 5:00	820.8
4/9/2017 6:00	824.2
4/9/2017 7:00	837.4
4/9/2017 8:00	849.1
4/9/2017 9:00	817.6
4/9/2017 10:00	599.1
4/9/2017 11:00	799.1
4/9/2017 12:00	690.4
4/9/2017 13:00	460.8
4/9/2017 14:00	446.4
4/9/2017 15:00	448.0
4/9/2017 16:00	485.7
4/9/2017 17:00	486.4
4/9/2017 18:00	449.1
4/9/2017 19:00	455.9
4/9/2017 20:00	435.8
4/9/2017 21:00	372.5
4/9/2017 22:00	343.0
4/9/2017 23:00	487.8
4/10/2017 0:00	722.1
4/10/2017 1:00	675.8
4/10/2017 2:00	421.5
4/10/2017 3:00	563.3
4/10/2017 4:00	705.2
4/10/2017 5:00	816.6
4/10/2017 6:00	808.3
4/10/2017 7:00	859.6
4/10/2017 8:00	959.6
4/10/2017 9:00	734.3
4/10/2017 10:00	567.2
4/10/2017 11:00	672.7
4/10/2017 12:00	787.3
4/10/2017 13:00	611.9
4/10/2017 14:00	615.3

Date & Time	Production Rate (GPM)
4/10/2017 15:00	495.0
4/10/2017 16:00	473.7
4/10/2017 17:00	509.5
4/10/2017 18:00	426.8
4/10/2017 19:00	524.7
4/10/2017 20:00	466.1
4/10/2017 21:00	529.5
4/10/2017 22:00	664.7
4/10/2017 23:00	553.9
4/11/2017 0:00	511.6
4/11/2017 1:00	468.0
4/11/2017 2:00	510.6
4/11/2017 3:00	682.5
4/11/2017 4:00	757.1
4/11/2017 5:00	759.7
4/11/2017 6:00	782.4
4/11/2017 7:00	935.6
4/11/2017 8:00	799.2
4/11/2017 9:00	643.5
4/11/2017 10:00	648.6
4/11/2017 11:00	525.9
4/11/2017 12:00	551.7
4/11/2017 13:00	637.1
4/11/2017 14:00	631.2
4/11/2017 15:00	479.7
4/11/2017 16:00	553.5
4/11/2017 17:00	523.3
4/11/2017 18:00	436.7
4/11/2017 19:00	623.5
4/11/2017 20:00	496.1
4/11/2017 21:00	450.5
4/11/2017 22:00	409.9
4/11/2017 23:00	401.7
4/12/2017 0:00	458.4
4/12/2017 1:00	440.3
4/12/2017 2:00	443.3
4/12/2017 3:00	382.6
4/12/2017 4:00	763.3
4/12/2017 5:00	751.5
4/12/2017 6:00	599.4
4/12/2017 7:00	883.7
4/12/2017 8:00	689.2
4/12/2017 9:00	593.8
4/12/2017 10:00	529.0
4/12/2017 11:00	476.3
4/12/2017 12:00	388.6
4/12/2017 13:00	333.7
4/12/2017 14:00	306.0
4/12/2017 15:00	325.8
4/12/2017 16:00	382.2
4/12/2017 17:00	383.5
4/12/2017 18:00	314.0
4/12/2017 19:00	293.3
4/12/2017 20:00	299.9
4/12/2017 21:00	357.4
4/12/2017 22:00	305.7
4/12/2017 23:00	317.1
4/13/2017 0:00	311.8
4/13/2017 1:00	373.1
4/13/2017 2:00	324.2
4/13/2017 3:00	370.9
4/13/2017 4:00	343.4
4/13/2017 5:00	351.1

Date & Time	Production Rate (GPM)
4/13/2017 6:00	427.1
4/13/2017 7:00	740.1
4/13/2017 8:00	701.7
4/13/2017 9:00	614.6
4/13/2017 10:00	613.7
4/13/2017 11:00	521.3
4/13/2017 12:00	536.5
4/13/2017 13:00	582.4
4/13/2017 14:00	546.4
4/13/2017 15:00	605.3
4/13/2017 16:00	447.8
4/13/2017 17:00	515.9
4/13/2017 18:00	371.8
4/13/2017 19:00	532.9
4/13/2017 20:00	413.3
4/13/2017 21:00	412.0
4/13/2017 22:00	485.3
4/13/2017 23:00	408.4
4/14/2017 0:00	366.9
4/14/2017 1:00	369.8
4/14/2017 2:00	449.9
4/14/2017 3:00	688.5
4/14/2017 4:00	612.2
4/14/2017 5:00	557.3
4/14/2017 6:00	691.3
4/14/2017 7:00	992.7
4/14/2017 8:00	895.5
4/14/2017 9:00	940.9
4/14/2017 10:00	1153.7
4/14/2017 11:00	1131.5
4/14/2017 12:00	1091.5
4/14/2017 13:00	949.3
4/14/2017 14:00	794.7
4/14/2017 15:00	537.8
4/14/2017 16:00	597.4
4/14/2017 17:00	532.4
4/14/2017 18:00	441.2
4/14/2017 19:00	454.8
4/14/2017 20:00	497.5
4/14/2017 21:00	650.0
4/14/2017 22:00	479.9
4/14/2017 23:00	439.0
4/15/2017 0:00	804.2
4/15/2017 1:00	799.8
4/15/2017 2:00	746.8
4/15/2017 3:00	782.0
4/15/2017 4:00	758.9
4/15/2017 5:00	768.2
4/15/2017 6:00	830.5
4/15/2017 7:00	1187.1
4/15/2017 8:00	1009.2
4/15/2017 9:00	786.5
4/15/2017 10:00	530.8
4/15/2017 11:00	583.4
4/15/2017 12:00	455.2
4/15/2017 13:00	382.7
4/15/2017 14:00	409.3
4/15/2017 15:00	405.0
4/15/2017 16:00	390.4
4/15/2017 17:00	390.7
4/15/2017 18:00	379.0
4/15/2017 19:00	368.5
4/15/2017 20:00	339.3

Date & Time	Production Rate (GPM)
4/15/2017 21:00	435.6
4/15/2017 22:00	368.1
4/15/2017 23:00	391.6
4/16/2017 0:00	454.0
4/16/2017 1:00	523.2
4/16/2017 2:00	658.4
4/16/2017 3:00	532.7
4/16/2017 4:00	581.7
4/16/2017 5:00	581.7
4/16/2017 6:00	601.5
4/16/2017 7:00	601.5
4/16/2017 8:00	665.8
4/16/2017 9:00	469.3
4/16/2017 10:00	385.6
4/16/2017 11:00	375.5
4/16/2017 12:00	367.9
4/16/2017 13:00	365.9
4/16/2017 14:00	326.9
4/16/2017 15:00	340.9
4/16/2017 16:00	255.0
4/16/2017 17:00	255.5
4/16/2017 18:00	272.9
4/16/2017 19:00	356.2
4/16/2017 20:00	330.7
4/16/2017 21:00	367.9
4/16/2017 22:00	314.1
4/16/2017 23:00	327.3
4/17/2017 0:00	254.1
4/17/2017 1:00	534.4
4/17/2017 2:00	296.9
4/17/2017 3:00	329.9
4/17/2017 4:00	478.6
4/17/2017 5:00	701.9
4/17/2017 6:00	707.2
4/17/2017 7:00	600.7
4/17/2017 8:00	692.1
4/17/2017 9:00	503.5
4/17/2017 10:00	429.0
4/17/2017 11:00	482.7
4/17/2017 12:00	392.5
4/17/2017 13:00	376.1
4/17/2017 14:00	358.0
4/17/2017 15:00	314.6
4/17/2017 16:00	318.6
4/17/2017 17:00	308.4
4/17/2017 18:00	271.9
4/17/2017 19:00	364.3
4/17/2017 20:00	328.6
4/17/2017 21:00	317.9
4/17/2017 22:00	429.4
4/17/2017 23:00	344.3
4/18/2017 0:00	450.9
4/18/2017 1:00	309.0
4/18/2017 2:00	395.8
4/18/2017 3:00	388.5
4/18/2017 4:00	352.3
4/18/2017 5:00	476.0
4/18/2017 6:00	538.3
4/18/2017 7:00	562.9
4/18/2017 8:00	538.6
4/18/2017 9:00	719.8
4/18/2017 10:00	636.8
4/18/2017 11:00	529.0

Date & Time	Production Rate (GPM)
4/18/2017 12:00	490.7
4/18/2017 13:00	409.7
4/18/2017 14:00	346.9
4/18/2017 15:00	318.3
4/18/2017 16:00	350.1
4/18/2017 17:00	318.0
4/18/2017 18:00	271.5
4/18/2017 19:00	458.1
4/18/2017 20:00	352.0
4/18/2017 21:00	360.0
4/18/2017 22:00	362.4
4/18/2017 23:00	362.3
4/19/2017 0:00	394.9
4/19/2017 1:00	602.2
4/19/2017 2:00	426.1
4/19/2017 3:00	624.8
4/19/2017 4:00	586.2
4/19/2017 5:00	671.2
4/19/2017 6:00	624.3
4/19/2017 7:00	794.4
4/19/2017 8:00	757.5
4/19/2017 9:00	618.7
4/19/2017 10:00	525.6
4/19/2017 11:00	388.0
4/19/2017 12:00	386.5
4/19/2017 13:00	335.4
4/19/2017 14:00	373.3
4/19/2017 15:00	339.1
4/19/2017 16:00	323.0
4/19/2017 17:00	300.5
4/19/2017 18:00	277.0
4/19/2017 19:00	311.8
4/19/2017 20:00	303.0
4/19/2017 21:00	367.3
4/19/2017 22:00	320.0
4/19/2017 23:00	389.6
4/20/2017 0:00	338.9
4/20/2017 1:00	403.9
4/20/2017 2:00	326.9
4/20/2017 3:00	370.4
4/20/2017 4:00	371.7
4/20/2017 5:00	450.2
4/20/2017 6:00	516.7
4/20/2017 7:00	513.4
4/20/2017 8:00	675.7
4/20/2017 9:00	593.9
4/20/2017 10:00	599.0
4/20/2017 11:00	550.1
4/20/2017 12:00	521.7
4/20/2017 13:00	391.1
4/20/2017 14:00	429.7
4/20/2017 15:00	614.1
4/20/2017 16:00	480.4
4/20/2017 17:00	414.2
4/20/2017 18:00	335.4
4/20/2017 19:00	456.6
4/20/2017 20:00	476.9
4/20/2017 21:00	577.4
4/20/2017 22:00	601.1
4/20/2017 23:00	799.9
4/21/2017 0:00	752.7
4/21/2017 1:00	571.8
4/21/2017 2:00	604.4

Date & Time	Production Rate (GPM)
4/21/2017 3:00	884.2
4/21/2017 4:00	803.1
4/21/2017 5:00	792.5
4/21/2017 6:00	1011.4
4/21/2017 7:00	1096.2
4/21/2017 8:00	887.4
4/21/2017 9:00	788.5
4/21/2017 10:00	610.9
4/21/2017 11:00	450.2
4/21/2017 12:00	483.9
4/21/2017 13:00	494.1
4/21/2017 14:00	426.8
4/21/2017 15:00	410.0
4/21/2017 16:00	377.5
4/21/2017 17:00	430.0
4/21/2017 18:00	408.6
4/21/2017 19:00	329.6
4/21/2017 20:00	382.1
4/21/2017 21:00	418.6
4/21/2017 22:00	365.8
4/21/2017 23:00	381.4
4/22/2017 0:00	368.9
4/22/2017 1:00	444.2
4/22/2017 2:00	407.8
4/22/2017 3:00	418.4
4/22/2017 4:00	434.5
4/22/2017 5:00	515.1
4/22/2017 6:00	597.7
4/22/2017 7:00	510.7
4/22/2017 8:00	583.4
4/22/2017 9:00	509.5
4/22/2017 10:00	427.3
4/22/2017 11:00	363.3
4/22/2017 12:00	366.8
4/22/2017 13:00	334.7
4/22/2017 14:00	361.2
4/22/2017 15:00	333.2
4/22/2017 16:00	341.1
4/22/2017 17:00	267.5
4/22/2017 18:00	308.6
4/22/2017 19:00	306.9
4/22/2017 20:00	298.3
4/22/2017 21:00	306.3
4/22/2017 22:00	303.8
4/22/2017 23:00	385.9
4/23/2017 0:00	290.9
4/23/2017 1:00	368.7
4/23/2017 2:00	317.8
4/23/2017 3:00	292.3
4/23/2017 4:00	331.9
4/23/2017 5:00	350.6
4/23/2017 6:00	402.7
4/23/2017 7:00	350.5
4/23/2017 8:00	464.5
4/23/2017 9:00	446.1
4/23/2017 10:00	402.4
4/23/2017 11:00	379.1
4/23/2017 12:00	445.4
4/23/2017 13:00	327.9
4/23/2017 14:00	280.0
4/23/2017 15:00	252.9
4/23/2017 16:00	253.7
4/23/2017 17:00	308.1

Date & Time	Production Rate (GPM)
4/23/2017 18:00	310.0
4/23/2017 19:00	400.0
4/23/2017 20:00	323.2
4/23/2017 21:00	410.7
4/23/2017 22:00	312.3
4/23/2017 23:00	292.1
4/24/2017 0:00	330.8
4/24/2017 1:00	355.3
4/24/2017 2:00	401.0
4/24/2017 3:00	369.4
4/24/2017 4:00	543.9
4/24/2017 5:00	428.7
4/24/2017 6:00	551.6
4/24/2017 7:00	563.0
4/24/2017 8:00	663.3
4/24/2017 9:00	610.9
4/24/2017 10:00	573.6
4/24/2017 11:00	806.7
4/24/2017 12:00	631.5
4/24/2017 13:00	497.9
4/24/2017 14:00	435.0
4/24/2017 15:00	528.2
4/24/2017 16:00	405.2
4/24/2017 17:00	426.4
4/24/2017 18:00	333.3
4/24/2017 19:00	482.2
4/24/2017 20:00	427.3
4/24/2017 21:00	417.9
4/24/2017 22:00	375.9
4/24/2017 23:00	391.1
4/25/2017 0:00	387.2
4/25/2017 1:00	459.7
4/25/2017 2:00	350.8
4/25/2017 3:00	493.6
4/25/2017 4:00	640.9
4/25/2017 5:00	549.9
4/25/2017 6:00	787.8
4/25/2017 7:00	1054.5
4/25/2017 8:00	898.5
4/25/2017 9:00	743.3
4/25/2017 10:00	565.9
4/25/2017 11:00	662.1
4/25/2017 12:00	564.6
4/25/2017 13:00	516.6
4/25/2017 14:00	407.8
4/25/2017 15:00	436.1
4/25/2017 16:00	372.9
4/25/2017 17:00	329.2
4/25/2017 18:00	318.2
4/25/2017 19:00	485.6
4/25/2017 20:00	421.3
4/25/2017 21:00	363.3
4/25/2017 22:00	360.9
4/25/2017 23:00	353.1
4/26/2017 0:00	339.1
4/26/2017 1:00	406.9
4/26/2017 2:00	398.8
4/26/2017 3:00	399.6
4/26/2017 4:00	410.7
4/26/2017 5:00	538.1
4/26/2017 6:00	634.2
4/26/2017 7:00	771.1
4/26/2017 8:00	845.4

Date & Time	Production Rate (GPM)
4/26/2017 9:00	555.9
4/26/2017 10:00	374.6
4/26/2017 11:00	520.9
4/26/2017 12:00	702.1
4/26/2017 13:00	669.9
4/26/2017 14:00	565.0
4/26/2017 15:00	498.9
4/26/2017 16:00	592.4
4/26/2017 17:00	566.8
4/26/2017 18:00	302.8
4/26/2017 19:00	549.0
4/26/2017 20:00	428.4
4/26/2017 21:00	423.1
4/26/2017 22:00	396.7
4/26/2017 23:00	465.5
4/27/2017 0:00	426.5
4/27/2017 1:00	557.6
4/27/2017 2:00	560.9
4/27/2017 3:00	706.3
4/27/2017 4:00	620.2
4/27/2017 5:00	782.3
4/27/2017 6:00	816.6
4/27/2017 7:00	1021.4
4/27/2017 8:00	1001.3
4/27/2017 9:00	707.6
4/27/2017 10:00	581.9
4/27/2017 11:00	699.8
4/27/2017 12:00	722.1
4/27/2017 13:00	573.4
4/27/2017 14:00	585.7
4/27/2017 15:00	570.1
4/27/2017 16:00	573.3
4/27/2017 17:00	640.5
4/27/2017 18:00	470.9
4/27/2017 19:00	489.4
4/27/2017 20:00	423.5
4/27/2017 21:00	538.2
4/27/2017 22:00	604.2
4/27/2017 23:00	497.6
4/28/2017 0:00	562.6
4/28/2017 1:00	471.7
4/28/2017 2:00	491.3
4/28/2017 3:00	608.7
4/28/2017 4:00	664.6
4/28/2017 5:00	696.6
4/28/2017 6:00	795.8
4/28/2017 7:00	1144.7
4/28/2017 8:00	877.0
4/28/2017 9:00	827.3
4/28/2017 10:00	598.1
4/28/2017 11:00	580.5
4/28/2017 12:00	633.3
4/28/2017 13:00	501.5
4/28/2017 14:00	422.1
4/28/2017 15:00	411.8
4/28/2017 16:00	501.5
4/28/2017 17:00	411.1
4/28/2017 18:00	348.9
4/28/2017 19:00	369.9
4/28/2017 20:00	417.0
4/28/2017 21:00	383.6
4/28/2017 22:00	363.7
4/28/2017 23:00	372.6

Date & Time	Production Rate (GPM)
4/29/2017 0:00	416.8
4/29/2017 1:00	613.6
4/29/2017 2:00	586.0
4/29/2017 3:00	594.5
4/29/2017 4:00	563.8
4/29/2017 5:00	747.8
4/29/2017 6:00	750.0
4/29/2017 7:00	917.6
4/29/2017 8:00	780.0
4/29/2017 9:00	532.7
4/29/2017 10:00	449.0
4/29/2017 11:00	496.6
4/29/2017 12:00	433.7
4/29/2017 13:00	359.1
4/29/2017 14:00	359.0
4/29/2017 15:00	364.9
4/29/2017 16:00	317.2
4/29/2017 17:00	315.6
4/29/2017 18:00	338.1
4/29/2017 19:00	326.3
4/29/2017 20:00	336.2
4/29/2017 21:00	343.8
4/29/2017 22:00	395.3
4/29/2017 23:00	432.2
4/30/2017 0:00	510.6
4/30/2017 1:00	492.9
4/30/2017 2:00	496.1
4/30/2017 3:00	478.6
4/30/2017 4:00	463.8
4/30/2017 5:00	678.5
4/30/2017 6:00	536.8
4/30/2017 7:00	635.8
4/30/2017 8:00	590.7
4/30/2017 9:00	411.7
4/30/2017 10:00	405.1
4/30/2017 11:00	360.4
4/30/2017 12:00	349.5
4/30/2017 13:00	307.0
4/30/2017 14:00	322.6
4/30/2017 15:00	305.6
4/30/2017 16:00	328.6
4/30/2017 17:00	349.8
4/30/2017 18:00	334.4
4/30/2017 19:00	310.5
4/30/2017 20:00	331.5
4/30/2017 21:00	253.1
4/30/2017 22:00	260.9
4/30/2017 23:00	361.1
5/1/2017 0:00	332.1
5/1/2017 1:00	430.8
5/1/2017 2:00	433.4
5/1/2017 3:00	521.6
5/1/2017 4:00	778.6
5/1/2017 5:00	638.6
5/1/2017 6:00	766.9
5/1/2017 7:00	1082.2
5/1/2017 8:00	772.5
5/1/2017 9:00	613.8
5/1/2017 10:00	416.8
5/1/2017 11:00	508.6
5/1/2017 12:00	442.2
5/1/2017 13:00	404.7
5/1/2017 14:00	388.0

Date & Time	Production Rate (GPM)
5/1/2017 15:00	364.9
5/1/2017 16:00	385.9
5/1/2017 17:00	374.6
5/1/2017 18:00	369.1
5/1/2017 19:00	481.5
5/1/2017 20:00	312.7
5/1/2017 21:00	372.8
5/1/2017 22:00	382.5
5/1/2017 23:00	310.9
5/2/2017 0:00	320.8
5/2/2017 1:00	339.9
5/2/2017 2:00	387.5
5/2/2017 3:00	379.9
5/2/2017 4:00	387.0
5/2/2017 5:00	570.4
5/2/2017 6:00	570.8
5/2/2017 7:00	687.9
5/2/2017 8:00	675.4
5/2/2017 9:00	568.7
5/2/2017 10:00	462.3
5/2/2017 11:00	359.0
5/2/2017 12:00	409.6
5/2/2017 13:00	302.9
5/2/2017 14:00	301.3
5/2/2017 15:00	309.6
5/2/2017 16:00	317.7
5/2/2017 17:00	307.4
5/2/2017 18:00	299.4
5/2/2017 19:00	282.3
5/2/2017 20:00	364.2
5/2/2017 21:00	288.7
5/2/2017 22:00	464.9
5/2/2017 23:00	321.1
5/3/2017 0:00	355.3
5/3/2017 1:00	364.3
5/3/2017 2:00	394.2
5/3/2017 3:00	330.6
5/3/2017 4:00	389.4
5/3/2017 5:00	428.9
5/3/2017 6:00	494.8
5/3/2017 7:00	789.7
5/3/2017 8:00	540.4
5/3/2017 9:00	464.5
5/3/2017 10:00	341.2
5/3/2017 11:00	344.0
5/3/2017 12:00	325.1
5/3/2017 13:00	303.8
5/3/2017 14:00	286.7
5/3/2017 15:00	253.3
5/3/2017 16:00	250.6
5/3/2017 17:00	329.3
5/3/2017 18:00	289.2
5/3/2017 19:00	290.5
5/3/2017 20:00	304.1
5/3/2017 21:00	413.4
5/3/2017 22:00	259.9
5/3/2017 23:00	339.8
5/4/2017 0:00	243.9
5/4/2017 1:00	300.9
5/4/2017 2:00	272.6
5/4/2017 3:00	381.7
5/4/2017 4:00	380.7
5/4/2017 5:00	362.6

Date & Time	Production Rate (GPM)
5/4/2017 6:00	452.8
5/4/2017 7:00	599.5
5/4/2017 8:00	599.0
5/4/2017 9:00	534.1
5/4/2017 10:00	290.9
5/4/2017 11:00	293.2
5/4/2017 12:00	260.2
5/4/2017 13:00	311.8
5/4/2017 14:00	277.2
5/4/2017 15:00	247.9
5/4/2017 16:00	272.4
5/4/2017 17:00	265.3
5/4/2017 18:00	265.2
5/4/2017 19:00	283.8
5/4/2017 20:00	319.9
5/4/2017 21:00	285.4
5/4/2017 22:00	279.8
5/4/2017 23:00	258.0
5/5/2017 0:00	227.8
5/5/2017 1:00	225.7
5/5/2017 2:00	254.4
5/5/2017 3:00	242.2
5/5/2017 4:00	252.4
5/5/2017 5:00	271.9
5/5/2017 6:00	458.9
5/5/2017 7:00	317.2
5/5/2017 8:00	401.6
5/5/2017 9:00	386.0
5/5/2017 10:00	279.1
5/5/2017 11:00	258.4
5/5/2017 12:00	279.0
5/5/2017 13:00	273.8
5/5/2017 14:00	260.1
5/5/2017 15:00	281.9
5/5/2017 16:00	311.8
5/5/2017 17:00	260.3
5/5/2017 18:00	337.1
5/5/2017 19:00	393.2
5/5/2017 20:00	306.5
5/5/2017 21:00	251.7
5/5/2017 22:00	231.8
5/5/2017 23:00	234.5
5/6/2017 0:00	275.0
5/6/2017 1:00	273.8
5/6/2017 2:00	255.5
5/6/2017 3:00	349.5
5/6/2017 4:00	354.1
5/6/2017 5:00	362.8
5/6/2017 6:00	339.2
5/6/2017 7:00	356.7
5/6/2017 8:00	372.5
5/6/2017 9:00	483.1
5/6/2017 10:00	373.6
5/6/2017 11:00	399.6
5/6/2017 12:00	341.6
5/6/2017 13:00	316.0
5/6/2017 14:00	319.1
5/6/2017 15:00	307.3
5/6/2017 16:00	294.5
5/6/2017 17:00	319.7
5/6/2017 18:00	366.0
5/6/2017 19:00	332.8
5/6/2017 20:00	388.1

Date & Time	Production Rate (GPM)
5/6/2017 21:00	355.6
5/6/2017 22:00	344.1
5/6/2017 23:00	361.7
5/7/2017 0:00	444.2
5/7/2017 1:00	370.5
5/7/2017 2:00	529.8
5/7/2017 3:00	466.4
5/7/2017 4:00	377.5
5/7/2017 5:00	386.5
5/7/2017 6:00	452.9
5/7/2017 7:00	514.5
5/7/2017 8:00	618.3
5/7/2017 9:00	506.7
5/7/2017 10:00	450.5
5/7/2017 11:00	373.8
5/7/2017 12:00	490.3
5/7/2017 13:00	303.0
5/7/2017 14:00	304.7
5/7/2017 15:00	259.9
5/7/2017 16:00	290.0
5/7/2017 17:00	301.3
5/7/2017 18:00	276.0
5/7/2017 19:00	259.2
5/7/2017 20:00	297.0
5/7/2017 21:00	341.6
5/7/2017 22:00	322.1
5/7/2017 23:00	336.9
5/8/2017 0:00	279.5
5/8/2017 1:00	331.5
5/8/2017 2:00	363.3
5/8/2017 3:00	434.4
5/8/2017 4:00	541.5
5/8/2017 5:00	476.8
5/8/2017 6:00	764.5
5/8/2017 7:00	1057.5
5/8/2017 8:00	666.9
5/8/2017 9:00	556.8
5/8/2017 10:00	521.7
5/8/2017 11:00	523.0
5/8/2017 12:00	391.6
5/8/2017 13:00	478.5
5/8/2017 14:00	351.5
5/8/2017 15:00	286.4
5/8/2017 16:00	294.8
5/8/2017 17:00	273.4
5/8/2017 18:00	275.1
5/8/2017 19:00	250.8
5/8/2017 20:00	356.2
5/8/2017 21:00	283.6
5/8/2017 22:00	259.9
5/8/2017 23:00	292.5
5/9/2017 0:00	402.1
5/9/2017 1:00	276.3
5/9/2017 2:00	368.2
5/9/2017 3:00	360.1
5/9/2017 4:00	315.1
5/9/2017 5:00	406.9
5/9/2017 6:00	447.3
5/9/2017 7:00	722.5
5/9/2017 8:00	659.4
5/9/2017 9:00	338.2
5/9/2017 10:00	379.7
5/9/2017 11:00	354.1

Date & Time	Production Rate (GPM)
5/9/2017 12:00	307.9
5/9/2017 13:00	509.8
5/9/2017 14:00	381.4
5/9/2017 15:00	354.3
5/9/2017 16:00	270.6
5/9/2017 17:00	282.4
5/9/2017 18:00	259.0
5/9/2017 19:00	273.8
5/9/2017 20:00	268.4
5/9/2017 21:00	263.2
5/9/2017 22:00	273.5
5/9/2017 23:00	272.3
5/10/2017 0:00	270.6
5/10/2017 1:00	257.5
5/10/2017 2:00	342.2
5/10/2017 3:00	345.8
5/10/2017 4:00	350.5
5/10/2017 5:00	374.2
5/10/2017 6:00	509.1
5/10/2017 7:00	576.8
5/10/2017 8:00	420.4
5/10/2017 9:00	395.0
5/10/2017 10:00	373.1
5/10/2017 11:00	307.4
5/10/2017 12:00	420.0
5/10/2017 13:00	336.2
5/10/2017 14:00	296.6
5/10/2017 15:00	387.0
5/10/2017 16:00	256.8
5/10/2017 17:00	307.3
5/10/2017 18:00	290.0
5/10/2017 19:00	232.7
5/10/2017 20:00	307.3
5/10/2017 21:00	289.0
5/10/2017 22:00	226.7
5/10/2017 23:00	258.3
5/11/2017 0:00	304.0
5/11/2017 1:00	271.4
5/11/2017 2:00	207.8
5/11/2017 3:00	290.6
5/11/2017 4:00	311.6
5/11/2017 5:00	316.3
5/11/2017 6:00	350.2
5/11/2017 7:00	338.9
5/11/2017 8:00	338.9
5/11/2017 9:00	267.2
5/11/2017 10:00	289.1
5/11/2017 11:00	272.4
5/11/2017 12:00	256.8
5/11/2017 13:00	197.1
5/11/2017 14:00	200.2
5/11/2017 15:00	188.5
5/11/2017 16:00	182.6
5/11/2017 17:00	219.6
5/11/2017 18:00	204.5
5/11/2017 19:00	197.3
5/11/2017 20:00	303.4
5/11/2017 21:00	281.9
5/11/2017 22:00	308.6
5/11/2017 23:00	253.0
5/12/2017 0:00	260.8
5/12/2017 1:00	196.6
5/12/2017 2:00	244.7

Date & Time	Production Rate (GPM)
5/12/2017 3:00	276.7
5/12/2017 4:00	227.7
5/12/2017 5:00	292.8
5/12/2017 6:00	418.9
5/12/2017 7:00	435.4
5/12/2017 8:00	512.7
5/12/2017 9:00	422.6
5/12/2017 10:00	346.6
5/12/2017 11:00	356.2
5/12/2017 12:00	345.2
5/12/2017 13:00	420.5
5/12/2017 14:00	534.4
5/12/2017 15:00	576.0
5/12/2017 16:00	488.2
5/12/2017 17:00	358.5
5/12/2017 18:00	351.4
5/12/2017 19:00	338.0
5/12/2017 20:00	370.1
5/12/2017 21:00	337.1
5/12/2017 22:00	445.2
5/12/2017 23:00	339.7
5/13/2017 0:00	501.9
5/13/2017 1:00	467.9
5/13/2017 2:00	521.7
5/13/2017 3:00	476.0
5/13/2017 4:00	583.2
5/13/2017 5:00	579.4
5/13/2017 6:00	510.5
5/13/2017 7:00	589.2
5/13/2017 8:00	591.9
5/13/2017 9:00	571.0
5/13/2017 10:00	419.7
5/13/2017 11:00	531.7
5/13/2017 12:00	357.4
5/13/2017 13:00	337.7
5/13/2017 14:00	378.3
5/13/2017 15:00	341.6
5/13/2017 16:00	350.7
5/13/2017 17:00	307.0
5/13/2017 18:00	403.0
5/13/2017 19:00	365.9
5/13/2017 20:00	380.7
5/13/2017 21:00	317.3
5/13/2017 22:00	337.6
5/13/2017 23:00	465.6
5/14/2017 0:00	616.3
5/14/2017 1:00	648.3
5/14/2017 2:00	605.9
5/14/2017 3:00	391.4
5/14/2017 4:00	486.6
5/14/2017 5:00	599.3
5/14/2017 6:00	665.6
5/14/2017 7:00	668.7
5/14/2017 8:00	480.7
5/14/2017 9:00	555.2
5/14/2017 10:00	349.5
5/14/2017 11:00	377.8
5/14/2017 12:00	353.0
5/14/2017 13:00	348.4
5/14/2017 14:00	445.3
5/14/2017 15:00	328.9
5/14/2017 16:00	313.4
5/14/2017 17:00	241.6

Date & Time	Production Rate (GPM)
5/14/2017 18:00	255.3
5/14/2017 19:00	334.4
5/14/2017 20:00	339.5
5/14/2017 21:00	351.4
5/14/2017 22:00	540.6
5/14/2017 23:00	464.8
5/15/2017 0:00	415.5
5/15/2017 1:00	435.0
5/15/2017 2:00	369.4
5/15/2017 3:00	626.4
5/15/2017 4:00	641.5
5/15/2017 5:00	659.1
5/15/2017 6:00	773.5
5/15/2017 7:00	909.3
5/15/2017 8:00	817.3
5/15/2017 9:00	538.5
5/15/2017 10:00	618.4
5/15/2017 11:00	429.2
5/15/2017 12:00	474.8
5/15/2017 13:00	415.2
5/15/2017 14:00	359.3
5/15/2017 15:00	363.7
5/15/2017 16:00	474.1
5/15/2017 17:00	360.9
5/15/2017 18:00	351.4
5/15/2017 19:00	322.0
5/15/2017 20:00	346.4
5/15/2017 21:00	344.7
5/15/2017 22:00	361.1
5/15/2017 23:00	367.8
5/16/2017 0:00	496.6
5/16/2017 1:00	430.5
5/16/2017 2:00	494.4
5/16/2017 3:00	542.2
5/16/2017 4:00	487.7
5/16/2017 5:00	461.9
5/16/2017 6:00	530.1
5/16/2017 7:00	739.8
5/16/2017 8:00	721.0
5/16/2017 9:00	807.5
5/16/2017 10:00	585.9
5/16/2017 11:00	469.6
5/16/2017 12:00	556.5
5/16/2017 13:00	522.9
5/16/2017 14:00	708.8
5/16/2017 15:00	387.4
5/16/2017 16:00	425.8
5/16/2017 17:00	433.2
5/16/2017 18:00	435.7
5/16/2017 19:00	484.5
5/16/2017 20:00	429.7
5/16/2017 21:00	652.2
5/16/2017 22:00	543.7
5/16/2017 23:00	582.8
5/17/2017 0:00	612.5
5/17/2017 1:00	569.4
5/17/2017 2:00	639.9
5/17/2017 3:00	754.9
5/17/2017 4:00	757.1
5/17/2017 5:00	826.2
5/17/2017 6:00	892.4
5/17/2017 7:00	966.7
5/17/2017 8:00	1001.1

Date & Time	Production Rate (GPM)
5/17/2017 9:00	810.0
5/17/2017 10:00	591.4
5/17/2017 11:00	525.1
5/17/2017 12:00	384.5
5/17/2017 13:00	561.4
5/17/2017 14:00	498.5
5/17/2017 15:00	578.5
5/17/2017 16:00	443.3
5/17/2017 17:00	644.7
5/17/2017 18:00	445.4
5/17/2017 19:00	627.3
5/17/2017 20:00	485.1
5/17/2017 21:00	467.6
5/17/2017 22:00	464.4
5/17/2017 23:00	530.9
5/18/2017 0:00	543.3
5/18/2017 1:00	571.3
5/18/2017 2:00	638.4
5/18/2017 3:00	721.4
5/18/2017 4:00	734.3
5/18/2017 5:00	723.9
5/18/2017 6:00	913.2
5/18/2017 7:00	1015.5
5/18/2017 8:00	722.6
5/18/2017 9:00	550.7
5/18/2017 10:00	524.6
5/18/2017 11:00	483.7
5/18/2017 12:00	573.4
5/18/2017 13:00	539.5
5/18/2017 14:00	415.8
5/18/2017 15:00	414.9
5/18/2017 16:00	430.2
5/18/2017 17:00	459.0
5/18/2017 18:00	366.9
5/18/2017 19:00	452.7
5/18/2017 20:00	370.4
5/18/2017 21:00	412.1
5/18/2017 22:00	334.8
5/18/2017 23:00	483.4
5/19/2017 0:00	493.6
5/19/2017 1:00	394.1
5/19/2017 2:00	466.7
5/19/2017 3:00	444.2
5/19/2017 4:00	543.4
5/19/2017 5:00	705.4
5/19/2017 6:00	556.4
5/19/2017 7:00	845.0
5/19/2017 8:00	598.7
5/19/2017 9:00	433.0
5/19/2017 10:00	400.4
5/19/2017 11:00	431.2
5/19/2017 12:00	341.5
5/19/2017 13:00	362.3
5/19/2017 14:00	355.6
5/19/2017 15:00	333.1
5/19/2017 16:00	326.1
5/19/2017 17:00	337.7
5/19/2017 18:00	342.2
5/19/2017 19:00	307.4
5/19/2017 20:00	384.7
5/19/2017 21:00	328.9
5/19/2017 22:00	324.8
5/19/2017 23:00	293.8

Date & Time	Production Rate (GPM)
5/20/2017 0:00	462.7
5/20/2017 1:00	460.0
5/20/2017 2:00	346.9
5/20/2017 3:00	420.3
5/20/2017 4:00	352.5
5/20/2017 5:00	342.7
5/20/2017 6:00	364.9
5/20/2017 7:00	419.3
5/20/2017 8:00	364.3
5/20/2017 9:00	371.8
5/20/2017 10:00	279.9
5/20/2017 11:00	280.6
5/20/2017 12:00	428.7
5/20/2017 13:00	282.8
5/20/2017 14:00	276.1
5/20/2017 15:00	334.1
5/20/2017 16:00	289.8
5/20/2017 17:00	262.9
5/20/2017 18:00	304.3
5/20/2017 19:00	305.2
5/20/2017 20:00	309.5
5/20/2017 21:00	308.0
5/20/2017 22:00	326.0
5/20/2017 23:00	344.1
5/21/2017 0:00	374.3
5/21/2017 1:00	315.7
5/21/2017 2:00	377.2
5/21/2017 3:00	384.9
5/21/2017 4:00	345.3
5/21/2017 5:00	340.1
5/21/2017 6:00	425.1
5/21/2017 7:00	400.1
5/21/2017 8:00	359.4
5/21/2017 9:00	362.5
5/21/2017 10:00	322.1
5/21/2017 11:00	338.6
5/21/2017 12:00	334.0
5/21/2017 13:00	300.6
5/21/2017 14:00	314.8
5/21/2017 15:00	330.5
5/21/2017 16:00	313.4
5/21/2017 17:00	292.8
5/21/2017 18:00	280.4
5/21/2017 19:00	290.9
5/21/2017 20:00	287.3
5/21/2017 21:00	300.1
5/21/2017 22:00	296.7
5/21/2017 23:00	288.5
5/22/2017 0:00	324.8
5/22/2017 1:00	319.4
5/22/2017 2:00	301.8
5/22/2017 3:00	434.4
5/22/2017 4:00	371.7
5/22/2017 5:00	415.5
5/22/2017 6:00	426.8
5/22/2017 7:00	457.7
5/22/2017 8:00	469.9
5/22/2017 9:00	404.4
5/22/2017 10:00	407.8
5/22/2017 11:00	335.0
5/22/2017 12:00	249.4
5/22/2017 13:00	323.7
5/22/2017 14:00	269.3

Date & Time	Production Rate (GPM)
5/22/2017 15:00	296.7
5/22/2017 16:00	264.4
5/22/2017 17:00	268.4
5/22/2017 18:00	244.5
5/22/2017 19:00	268.4
5/22/2017 20:00	364.3
5/22/2017 21:00	328.2
5/22/2017 22:00	297.6
5/22/2017 23:00	395.6
5/23/2017 0:00	302.3
5/23/2017 1:00	303.7
5/23/2017 2:00	314.5
5/23/2017 3:00	315.7
5/23/2017 4:00	372.8
5/23/2017 5:00	344.4
5/23/2017 6:00	435.8
5/23/2017 7:00	411.3
5/23/2017 8:00	457.6
5/23/2017 9:00	315.5
5/23/2017 10:00	299.1
5/23/2017 11:00	283.7
5/23/2017 12:00	276.7
5/23/2017 13:00	288.0
5/23/2017 14:00	269.0
5/23/2017 15:00	295.3
5/23/2017 16:00	450.6
5/23/2017 17:00	265.2
5/23/2017 18:00	293.1
5/23/2017 19:00	272.7
5/23/2017 20:00	275.1
5/23/2017 21:00	270.6
5/23/2017 22:00	314.1
5/23/2017 23:00	273.8
5/24/2017 0:00	323.1
5/24/2017 1:00	323.9
5/24/2017 2:00	316.6
5/24/2017 3:00	278.8
5/24/2017 4:00	326.9
5/24/2017 5:00	375.9
5/24/2017 6:00	353.4
5/24/2017 7:00	454.3
5/24/2017 8:00	439.3
5/24/2017 9:00	426.7
5/24/2017 10:00	394.8
5/24/2017 11:00	374.4
5/24/2017 12:00	385.8
5/24/2017 13:00	438.3
5/24/2017 14:00	376.2
5/24/2017 15:00	390.0
5/24/2017 16:00	373.3
5/24/2017 17:00	405.4
5/24/2017 18:00	354.0
5/24/2017 19:00	346.9
5/24/2017 20:00	305.1
5/24/2017 21:00	303.0
5/24/2017 22:00	338.1
5/24/2017 23:00	310.2
5/25/2017 0:00	493.2
5/25/2017 1:00	330.1
5/25/2017 2:00	340.3
5/25/2017 3:00	361.4
5/25/2017 4:00	366.1
5/25/2017 5:00	446.6

Date & Time	Production Rate (GPM)
5/25/2017 6:00	523.5
5/25/2017 7:00	635.3
5/25/2017 8:00	581.6
5/25/2017 9:00	490.3
5/25/2017 10:00	466.5
5/25/2017 11:00	368.5
5/25/2017 12:00	402.8
5/25/2017 13:00	289.3
5/25/2017 14:00	265.5
5/25/2017 15:00	764.5
5/25/2017 16:00	888.0
5/25/2017 17:00	338.0
5/25/2017 18:00	295.1
5/25/2017 19:00	242.3
5/25/2017 20:00	230.2
5/25/2017 21:00	239.6
5/25/2017 22:00	316.6
5/25/2017 23:00	308.1
5/26/2017 0:00	255.0
5/26/2017 1:00	279.3
5/26/2017 2:00	251.7
5/26/2017 3:00	318.9
5/26/2017 4:00	296.7
5/26/2017 5:00	317.6
5/26/2017 6:00	377.8
5/26/2017 7:00	566.5
5/26/2017 8:00	454.7
5/26/2017 9:00	386.8
5/26/2017 10:00	473.4
5/26/2017 11:00	362.7
5/26/2017 12:00	309.0
5/26/2017 13:00	281.2
5/26/2017 14:00	321.2
5/26/2017 15:00	314.5
5/26/2017 16:00	303.4
5/26/2017 17:00	312.0
5/26/2017 18:00	320.6
5/26/2017 19:00	270.9
5/26/2017 20:00	257.1
5/26/2017 21:00	246.5
5/26/2017 22:00	303.8
5/26/2017 23:00	250.8
5/27/2017 0:00	310.0
5/27/2017 1:00	293.3
5/27/2017 2:00	271.5
5/27/2017 3:00	257.5
5/27/2017 4:00	359.5
5/27/2017 5:00	356.9
5/27/2017 6:00	346.3
5/27/2017 7:00	402.5
5/27/2017 8:00	350.8
5/27/2017 9:00	319.3
5/27/2017 10:00	312.1
5/27/2017 11:00	269.2
5/27/2017 12:00	259.2
5/27/2017 13:00	262.3
5/27/2017 14:00	276.3
5/27/2017 15:00	263.3
5/27/2017 16:00	246.5
5/27/2017 17:00	258.2
5/27/2017 18:00	259.0
5/27/2017 19:00	323.8
5/27/2017 20:00	240.4

Date & Time	Production Rate (GPM)
5/27/2017 21:00	284.3
5/27/2017 22:00	277.3
5/27/2017 23:00	224.1
5/28/2017 0:00	286.7
5/28/2017 1:00	259.8
5/28/2017 2:00	243.4
5/28/2017 3:00	288.0
5/28/2017 4:00	317.4
5/28/2017 5:00	305.6
5/28/2017 6:00	302.8
5/28/2017 7:00	346.4
5/28/2017 8:00	324.4
5/28/2017 9:00	320.0
5/28/2017 10:00	280.6
5/28/2017 11:00	312.1
5/28/2017 12:00	309.0
5/28/2017 13:00	264.9
5/28/2017 14:00	256.8
5/28/2017 15:00	273.8
5/28/2017 16:00	242.1
5/28/2017 17:00	266.1
5/28/2017 18:00	258.9
5/28/2017 19:00	328.7
5/28/2017 20:00	192.0
5/28/2017 21:00	269.6
5/28/2017 22:00	246.7
5/28/2017 23:00	239.7
5/29/2017 0:00	214.6
5/29/2017 1:00	278.7
5/29/2017 2:00	243.6
5/29/2017 3:00	275.3
5/29/2017 4:00	314.8
5/29/2017 5:00	369.0
5/29/2017 6:00	431.7
5/29/2017 7:00	363.1
5/29/2017 8:00	348.3
5/29/2017 9:00	268.4
5/29/2017 10:00	243.9
5/29/2017 11:00	276.8
5/29/2017 12:00	207.9
5/29/2017 13:00	212.7
5/29/2017 14:00	248.9
5/29/2017 15:00	211.8
5/29/2017 16:00	244.6
5/29/2017 17:00	233.9
5/29/2017 18:00	199.4
5/29/2017 19:00	204.9
5/29/2017 20:00	224.0
5/29/2017 21:00	299.9
5/29/2017 22:00	267.1
5/29/2017 23:00	262.3
5/30/2017 0:00	258.6
5/30/2017 1:00	249.4
5/30/2017 2:00	230.0
5/30/2017 3:00	223.1
5/30/2017 4:00	233.2
5/30/2017 5:00	256.2
5/30/2017 6:00	386.2
5/30/2017 7:00	423.8
5/30/2017 8:00	337.8
5/30/2017 9:00	252.6
5/30/2017 10:00	234.5
5/30/2017 11:00	224.9

Date & Time	Production Rate (GPM)
5/30/2017 12:00	263.2
5/30/2017 13:00	188.0
5/30/2017 14:00	230.0
5/30/2017 15:00	267.2
5/30/2017 16:00	216.5
5/30/2017 17:00	251.3
5/30/2017 18:00	220.9
5/30/2017 19:00	227.3
5/30/2017 20:00	230.4
5/30/2017 21:00	340.5
5/30/2017 22:00	256.6
5/30/2017 23:00	284.2
5/31/2017 0:00	333.7
5/31/2017 1:00	226.5
5/31/2017 2:00	212.2
5/31/2017 3:00	271.0
5/31/2017 4:00	287.2
5/31/2017 5:00	294.1
5/31/2017 6:00	397.6
5/31/2017 7:00	385.6
5/31/2017 8:00	327.6
5/31/2017 9:00	301.8
5/31/2017 10:00	306.3
5/31/2017 11:00	221.2
5/31/2017 12:00	225.3
5/31/2017 13:00	237.1
5/31/2017 14:00	206.5
5/31/2017 15:00	214.9
5/31/2017 16:00	206.9
5/31/2017 17:00	236.5
5/31/2017 18:00	192.0
5/31/2017 19:00	242.8
5/31/2017 20:00	208.1
5/31/2017 21:00	327.5
5/31/2017 22:00	235.3
5/31/2017 23:00	213.5
6/1/2017 0:00	263.5
6/1/2017 1:00	215.9
6/1/2017 2:00	243.6
6/1/2017 3:00	224.6
6/1/2017 4:00	223.1
6/1/2017 5:00	244.9
6/1/2017 6:00	388.4
6/1/2017 7:00	403.1
6/1/2017 8:00	381.1
6/1/2017 9:00	335.0
6/1/2017 10:00	310.1
6/1/2017 11:00	338.5
6/1/2017 12:00	296.6
6/1/2017 13:00	282.9
6/1/2017 14:00	274.6
6/1/2017 15:00	321.4
6/1/2017 16:00	279.6
6/1/2017 17:00	337.6
6/1/2017 18:00	297.6
6/1/2017 19:00	263.7
6/1/2017 20:00	229.4
6/1/2017 21:00	234.2
6/1/2017 22:00	310.9
6/1/2017 23:00	210.3
6/2/2017 0:00	283.2
6/2/2017 1:00	262.2
6/2/2017 2:00	258.6

Date & Time	Production Rate (GPM)
6/2/2017 3:00	277.4
6/2/2017 4:00	272.9
6/2/2017 5:00	319.1
6/2/2017 6:00	404.5
6/2/2017 7:00	454.2
6/2/2017 8:00	415.9
6/2/2017 9:00	392.9
6/2/2017 10:00	441.7
6/2/2017 11:00	281.9
6/2/2017 12:00	254.2
6/2/2017 13:00	245.2
6/2/2017 14:00	244.3
6/2/2017 15:00	289.9
6/2/2017 16:00	263.5
6/2/2017 17:00	249.2
6/2/2017 18:00	243.7
6/2/2017 19:00	267.2
6/2/2017 20:00	284.0
6/2/2017 21:00	294.0
6/2/2017 22:00	251.0
6/2/2017 23:00	205.6
6/3/2017 0:00	223.3
6/3/2017 1:00	238.2
6/3/2017 2:00	229.5
6/3/2017 3:00	212.0
6/3/2017 4:00	220.7
6/3/2017 5:00	286.1
6/3/2017 6:00	265.8
6/3/2017 7:00	321.8
6/3/2017 8:00	292.8
6/3/2017 9:00	286.1
6/3/2017 10:00	247.1
6/3/2017 11:00	292.8
6/3/2017 12:00	247.5
6/3/2017 13:00	211.8
6/3/2017 14:00	221.6
6/3/2017 15:00	231.7
6/3/2017 16:00	259.3
6/3/2017 17:00	209.8
6/3/2017 18:00	201.2
6/3/2017 19:00	242.6
6/3/2017 20:00	239.0
6/3/2017 21:00	298.0
6/3/2017 22:00	300.2
6/3/2017 23:00	258.2
6/4/2017 0:00	266.6
6/4/2017 1:00	223.2
6/4/2017 2:00	228.0
6/4/2017 3:00	224.9
6/4/2017 4:00	271.9
6/4/2017 5:00	290.0
6/4/2017 6:00	270.0
6/4/2017 7:00	327.1
6/4/2017 8:00	259.8
6/4/2017 9:00	269.2
6/4/2017 10:00	278.5
6/4/2017 11:00	263.8
6/4/2017 12:00	278.7
6/4/2017 13:00	224.5
6/4/2017 14:00	206.8
6/4/2017 15:00	218.4
6/4/2017 16:00	206.3
6/4/2017 17:00	218.0

Date & Time	Production Rate (GPM)
6/4/2017 18:00	300.3
6/4/2017 19:00	272.6
6/4/2017 20:00	331.5
6/4/2017 21:00	284.1
6/4/2017 22:00	223.3
6/4/2017 23:00	243.3
6/5/2017 0:00	303.1
6/5/2017 1:00	266.6
6/5/2017 2:00	280.4
6/5/2017 3:00	266.6
6/5/2017 4:00	317.0
6/5/2017 5:00	385.9
6/5/2017 6:00	406.5
6/5/2017 7:00	385.1
6/5/2017 8:00	395.1
6/5/2017 9:00	359.1
6/5/2017 10:00	315.3
6/5/2017 11:00	273.8
6/5/2017 12:00	298.9
6/5/2017 13:00	260.4
6/5/2017 14:00	241.5
6/5/2017 15:00	259.8
6/5/2017 16:00	249.7
6/5/2017 17:00	250.3
6/5/2017 18:00	241.2
6/5/2017 19:00	196.5
6/5/2017 20:00	203.6
6/5/2017 21:00	242.8
6/5/2017 22:00	232.0
6/5/2017 23:00	267.6
6/6/2017 0:00	208.1
6/6/2017 1:00	229.2
6/6/2017 2:00	236.1
6/6/2017 3:00	296.1
6/6/2017 4:00	362.4
6/6/2017 5:00	355.1
6/6/2017 6:00	352.1
6/6/2017 7:00	454.9
6/6/2017 8:00	299.5
6/6/2017 9:00	324.5
6/6/2017 10:00	306.0
6/6/2017 11:00	300.0
6/6/2017 12:00	297.3
6/6/2017 13:00	255.1
6/6/2017 14:00	228.1
6/6/2017 15:00	226.2
6/6/2017 16:00	215.2
6/6/2017 17:00	254.8
6/6/2017 18:00	261.4
6/6/2017 19:00	234.9
6/6/2017 20:00	190.2
6/6/2017 21:00	294.1
6/6/2017 22:00	220.4
6/6/2017 23:00	175.0
6/7/2017 0:00	198.2
6/7/2017 1:00	209.1
6/7/2017 2:00	311.3
6/7/2017 3:00	214.4
6/7/2017 4:00	243.2
6/7/2017 5:00	278.0
6/7/2017 6:00	291.4
6/7/2017 7:00	355.7
6/7/2017 8:00	314.1

Date & Time	Production Rate (GPM)
6/7/2017 9:00	254.6
6/7/2017 10:00	203.6
6/7/2017 11:00	237.6
6/7/2017 12:00	189.8
6/7/2017 13:00	182.5
6/7/2017 14:00	164.5
6/7/2017 15:00	201.6
6/7/2017 16:00	188.9
6/7/2017 17:00	173.7
6/7/2017 18:00	165.5
6/7/2017 19:00	154.9
6/7/2017 20:00	221.7
6/7/2017 21:00	220.1
6/7/2017 22:00	259.6
6/7/2017 23:00	254.9
6/8/2017 0:00	222.2
6/8/2017 1:00	190.3
6/8/2017 2:00	195.8
6/8/2017 3:00	178.8
6/8/2017 4:00	235.4
6/8/2017 5:00	231.2
6/8/2017 6:00	262.9
6/8/2017 7:00	317.1
6/8/2017 8:00	280.7
6/8/2017 9:00	287.8
6/8/2017 10:00	245.5
6/8/2017 11:00	308.3
6/8/2017 12:00	301.9
6/8/2017 13:00	264.2
6/8/2017 14:00	275.1
6/8/2017 15:00	269.2
6/8/2017 16:00	243.7
6/8/2017 17:00	279.7
6/8/2017 18:00	237.8
6/8/2017 19:00	220.9
6/8/2017 20:00	189.5
6/8/2017 21:00	237.3
6/8/2017 22:00	224.4
6/8/2017 23:00	207.8
6/9/2017 0:00	299.6
6/9/2017 1:00	202.3
6/9/2017 2:00	259.8
6/9/2017 3:00	213.0
6/9/2017 4:00	226.8
6/9/2017 5:00	272.5
6/9/2017 6:00	408.5
6/9/2017 7:00	407.8
6/9/2017 8:00	345.8
6/9/2017 9:00	339.1
6/9/2017 10:00	292.5
6/9/2017 11:00	292.1
6/9/2017 12:00	253.9
6/9/2017 13:00	275.9
6/9/2017 14:00	285.1
6/9/2017 15:00	255.8
6/9/2017 16:00	250.6
6/9/2017 17:00	271.1
6/9/2017 18:00	252.5
6/9/2017 19:00	250.6
6/9/2017 20:00	204.9
6/9/2017 21:00	229.4
6/9/2017 22:00	244.8
6/9/2017 23:00	220.8

Date & Time	Production Rate (GPM)
6/10/2017 0:00	261.6
6/10/2017 1:00	221.5
6/10/2017 2:00	215.9
6/10/2017 3:00	217.1
6/10/2017 4:00	308.3
6/10/2017 5:00	253.7
6/10/2017 6:00	285.0
6/10/2017 7:00	379.8
6/10/2017 8:00	337.6
6/10/2017 9:00	324.4
6/10/2017 10:00	302.9
6/10/2017 11:00	326.8
6/10/2017 12:00	265.0
6/10/2017 13:00	326.9
6/10/2017 14:00	289.0
6/10/2017 15:00	259.9
6/10/2017 16:00	263.5
6/10/2017 17:00	235.5
6/10/2017 18:00	272.9
6/10/2017 19:00	249.4
6/10/2017 20:00	222.0
6/10/2017 21:00	275.5
6/10/2017 22:00	257.4
6/10/2017 23:00	314.5
6/11/2017 0:00	256.8
6/11/2017 1:00	241.4
6/11/2017 2:00	278.0
6/11/2017 3:00	233.6
6/11/2017 4:00	293.4
6/11/2017 5:00	308.3
6/11/2017 6:00	375.4
6/11/2017 7:00	374.6
6/11/2017 8:00	336.6
6/11/2017 9:00	285.7
6/11/2017 10:00	283.3
6/11/2017 11:00	246.1
6/11/2017 12:00	261.7
6/11/2017 13:00	242.1
6/11/2017 14:00	270.2
6/11/2017 15:00	266.2
6/11/2017 16:00	251.3
6/11/2017 17:00	247.4
6/11/2017 18:00	299.7
6/11/2017 19:00	356.3
6/11/2017 20:00	269.7
6/11/2017 21:00	310.8
6/11/2017 22:00	235.4
6/11/2017 23:00	284.9
6/12/2017 0:00	277.3
6/12/2017 1:00	272.2
6/12/2017 2:00	290.4
6/12/2017 3:00	284.1
6/12/2017 4:00	275.6
6/12/2017 5:00	347.5
6/12/2017 6:00	444.2
6/12/2017 7:00	400.8
6/12/2017 8:00	626.0
6/12/2017 9:00	534.6
6/12/2017 10:00	360.1
6/12/2017 11:00	348.3
6/12/2017 12:00	340.2
6/12/2017 13:00	308.3
6/12/2017 14:00	308.9

Date & Time	Production Rate (GPM)
6/12/2017 15:00	276.4
6/12/2017 16:00	394.2
6/12/2017 17:00	325.7
6/12/2017 18:00	316.6
6/12/2017 19:00	274.8
6/12/2017 20:00	242.7
6/12/2017 21:00	268.7
6/12/2017 22:00	261.5
6/12/2017 23:00	264.2
6/13/2017 0:00	294.1
6/13/2017 1:00	320.0
6/13/2017 2:00	326.2
6/13/2017 3:00	331.3
6/13/2017 4:00	310.7
6/13/2017 5:00	420.5
6/13/2017 6:00	478.5
6/13/2017 7:00	656.8
6/13/2017 8:00	605.6
6/13/2017 9:00	383.0
6/13/2017 10:00	377.0
6/13/2017 11:00	392.9
6/13/2017 12:00	448.2
6/13/2017 13:00	362.0
6/13/2017 14:00	367.9
6/13/2017 15:00	296.1
6/13/2017 16:00	280.4
6/13/2017 17:00	286.6
6/13/2017 18:00	292.2
6/13/2017 19:00	233.3
6/13/2017 20:00	220.1
6/13/2017 21:00	280.6
6/13/2017 22:00	229.3
6/13/2017 23:00	234.8
6/14/2017 0:00	246.1
6/14/2017 1:00	244.2
6/14/2017 2:00	296.7
6/14/2017 3:00	251.6
6/14/2017 4:00	286.9
6/14/2017 5:00	458.9
6/14/2017 6:00	502.5
6/14/2017 7:00	560.7
6/14/2017 8:00	346.3
6/14/2017 9:00	457.1
6/14/2017 10:00	326.6
6/14/2017 11:00	363.9
6/14/2017 12:00	330.0
6/14/2017 13:00	416.3
6/14/2017 14:00	294.7
6/14/2017 15:00	292.8
6/14/2017 16:00	296.5
6/14/2017 17:00	263.3
6/14/2017 18:00	297.7
6/14/2017 19:00	256.2
6/14/2017 20:00	263.8
6/14/2017 21:00	242.0
6/14/2017 22:00	212.2
6/14/2017 23:00	273.3
6/15/2017 0:00	228.1
6/15/2017 1:00	203.9
6/15/2017 2:00	272.8
6/15/2017 3:00	268.7
6/15/2017 4:00	308.2
6/15/2017 5:00	368.6

Date & Time	Production Rate (GPM)
6/15/2017 6:00	411.2
6/15/2017 7:00	396.5
6/15/2017 8:00	592.6
6/15/2017 9:00	345.4
6/15/2017 10:00	303.8
6/15/2017 11:00	313.4
6/15/2017 12:00	293.1
6/15/2017 13:00	215.5
6/15/2017 14:00	215.3
6/15/2017 15:00	261.3
6/15/2017 16:00	227.5
6/15/2017 17:00	215.2
6/15/2017 18:00	239.6
6/15/2017 19:00	259.8
6/15/2017 20:00	228.8
6/15/2017 21:00	222.2
6/15/2017 22:00	239.2
6/15/2017 23:00	186.3
6/16/2017 0:00	177.5
6/16/2017 1:00	193.3
6/16/2017 2:00	196.2
6/16/2017 3:00	238.9
6/16/2017 4:00	219.7
6/16/2017 5:00	217.8
6/16/2017 6:00	277.2
6/16/2017 7:00	314.4
6/16/2017 8:00	348.9
6/16/2017 9:00	334.6
6/16/2017 10:00	374.4
6/16/2017 11:00	276.7
6/16/2017 12:00	322.0
6/16/2017 13:00	308.3
6/16/2017 14:00	259.8
6/16/2017 15:00	247.8
6/16/2017 16:00	306.7
6/16/2017 17:00	264.2
6/16/2017 18:00	243.9
6/16/2017 19:00	264.6
6/16/2017 20:00	221.4
6/16/2017 21:00	223.5
6/16/2017 22:00	218.7
6/16/2017 23:00	184.0
6/17/2017 0:00	252.4
6/17/2017 1:00	189.3
6/17/2017 2:00	167.5
6/17/2017 3:00	190.0
6/17/2017 4:00	233.3
6/17/2017 5:00	254.4
6/17/2017 6:00	291.2
6/17/2017 7:00	330.3
6/17/2017 8:00	271.6
6/17/2017 9:00	252.4
6/17/2017 10:00	228.1
6/17/2017 11:00	251.6
6/17/2017 12:00	235.5
6/17/2017 13:00	247.1
6/17/2017 14:00	297.3
6/17/2017 15:00	277.0
6/17/2017 16:00	282.1
6/17/2017 17:00	229.2
6/17/2017 18:00	250.2
6/17/2017 19:00	261.9
6/17/2017 20:00	241.6

Date & Time	Production Rate (GPM)
6/17/2017 21:00	217.2
6/17/2017 22:00	204.9
6/17/2017 23:00	192.0
6/18/2017 0:00	191.6
6/18/2017 1:00	282.3
6/18/2017 2:00	267.4
6/18/2017 3:00	205.2
6/18/2017 4:00	225.7
6/18/2017 5:00	276.4
6/18/2017 6:00	289.0
6/18/2017 7:00	278.7
6/18/2017 8:00	264.5
6/18/2017 9:00	313.4
6/18/2017 10:00	238.5
6/18/2017 11:00	246.0
6/18/2017 12:00	280.9
6/18/2017 13:00	237.8
6/18/2017 14:00	228.1
6/18/2017 15:00	233.3
6/18/2017 16:00	228.1
6/18/2017 17:00	215.6
6/18/2017 18:00	214.4
6/18/2017 19:00	202.3
6/18/2017 20:00	178.9
6/18/2017 21:00	319.6
6/18/2017 22:00	200.6
6/18/2017 23:00	190.2
6/19/2017 0:00	199.2
6/19/2017 1:00	200.7
6/19/2017 2:00	216.1
6/19/2017 3:00	208.7
6/19/2017 4:00	257.2
6/19/2017 5:00	330.6
6/19/2017 6:00	352.5
6/19/2017 7:00	392.7
6/19/2017 8:00	319.1
6/19/2017 9:00	284.6
6/19/2017 10:00	296.4
6/19/2017 11:00	255.5
6/19/2017 12:00	226.6
6/19/2017 13:00	202.7
6/19/2017 14:00	188.8
6/19/2017 15:00	157.5
6/19/2017 16:00	155.6
6/19/2017 17:00	176.6
6/19/2017 18:00	182.9
6/19/2017 19:00	176.5
6/19/2017 20:00	162.2
6/19/2017 21:00	156.0
6/19/2017 22:00	240.3
6/19/2017 23:00	140.5
6/20/2017 0:00	158.7
6/20/2017 1:00	242.1
6/20/2017 2:00	219.6
6/20/2017 3:00	196.1
6/20/2017 4:00	226.9
6/20/2017 5:00	215.3
6/20/2017 6:00	233.3
6/20/2017 7:00	289.0
6/20/2017 8:00	258.3
6/20/2017 9:00	200.7
6/20/2017 10:00	193.2
6/20/2017 11:00	200.3

Date & Time	Production Rate (GPM)
6/20/2017 12:00	179.0
6/20/2017 13:00	176.8
6/20/2017 14:00	169.1
6/20/2017 15:00	153.1
6/20/2017 16:00	138.3
6/20/2017 17:00	150.5
6/20/2017 18:00	188.3
6/20/2017 19:00	142.0
6/20/2017 20:00	143.9
6/20/2017 21:00	183.6
6/20/2017 22:00	256.4
6/20/2017 23:00	135.1
6/21/2017 0:00	449.3
6/21/2017 1:00	198.2
6/21/2017 2:00	231.3
6/21/2017 3:00	209.4
6/21/2017 4:00	215.9
6/21/2017 5:00	272.8
6/21/2017 6:00	271.0
6/21/2017 7:00	313.6
6/21/2017 8:00	278.1
6/21/2017 9:00	259.1
6/21/2017 10:00	312.3
6/21/2017 11:00	185.3
6/21/2017 12:00	206.1
6/21/2017 13:00	257.4
6/21/2017 14:00	224.2
6/21/2017 15:00	385.5
6/21/2017 16:00	226.2
6/21/2017 17:00	257.0
6/21/2017 18:00	295.1
6/21/2017 19:00	248.0
6/21/2017 20:00	217.1
6/21/2017 21:00	390.4
6/21/2017 22:00	199.7
6/21/2017 23:00	229.5
6/22/2017 0:00	161.3
6/22/2017 1:00	166.1
6/22/2017 2:00	282.9
6/22/2017 3:00	160.9
6/22/2017 4:00	219.9
6/22/2017 5:00	320.2
6/22/2017 6:00	377.3
6/22/2017 7:00	388.7
6/22/2017 8:00	290.6
6/22/2017 9:00	348.8
6/22/2017 10:00	322.4
6/22/2017 11:00	229.4
6/22/2017 12:00	257.3
6/22/2017 13:00	277.6
6/22/2017 14:00	244.5
6/22/2017 15:00	197.5
6/22/2017 16:00	302.5
6/22/2017 17:00	220.1
6/22/2017 18:00	220.2
6/22/2017 19:00	209.1
6/22/2017 20:00	234.0
6/22/2017 21:00	215.0
6/22/2017 22:00	224.2
6/22/2017 23:00	207.9
6/23/2017 0:00	167.0
6/23/2017 1:00	413.3
6/23/2017 2:00	177.6

Date & Time	Production Rate (GPM)
6/23/2017 3:00	204.2
6/23/2017 4:00	264.2
6/23/2017 5:00	298.6
6/23/2017 6:00	288.4
6/23/2017 7:00	368.2
6/23/2017 8:00	327.7
6/23/2017 9:00	304.7
6/23/2017 10:00	297.7
6/23/2017 11:00	223.3
6/23/2017 12:00	227.4
6/23/2017 13:00	205.2
6/23/2017 14:00	252.8
6/23/2017 15:00	238.5
6/23/2017 16:00	229.7
6/23/2017 17:00	192.3
6/23/2017 18:00	214.6
6/23/2017 19:00	238.7
6/23/2017 20:00	209.6
6/23/2017 21:00	222.0
6/23/2017 22:00	187.0
6/23/2017 23:00	173.9
6/24/2017 0:00	208.9
6/24/2017 1:00	154.7
6/24/2017 2:00	183.7
6/24/2017 3:00	180.8
6/24/2017 4:00	212.9
6/24/2017 5:00	234.8
6/24/2017 6:00	243.1
6/24/2017 7:00	278.8
6/24/2017 8:00	302.8
6/24/2017 9:00	256.6
6/24/2017 10:00	246.3
6/24/2017 11:00	213.2
6/24/2017 12:00	221.3
6/24/2017 13:00	237.9
6/24/2017 14:00	212.8
6/24/2017 15:00	223.1
6/24/2017 16:00	207.1
6/24/2017 17:00	209.0
6/24/2017 18:00	201.8
6/24/2017 19:00	200.4
6/24/2017 20:00	258.0
6/24/2017 21:00	185.0
6/24/2017 22:00	213.3
6/24/2017 23:00	203.4
6/25/2017 0:00	180.9
6/25/2017 1:00	185.6
6/25/2017 2:00	273.1
6/25/2017 3:00	212.0
6/25/2017 4:00	199.5
6/25/2017 5:00	287.1
6/25/2017 6:00	226.8
6/25/2017 7:00	251.0
6/25/2017 8:00	290.6
6/25/2017 9:00	226.2
6/25/2017 10:00	233.6
6/25/2017 11:00	234.2
6/25/2017 12:00	183.1
6/25/2017 13:00	192.7
6/25/2017 14:00	176.1
6/25/2017 15:00	178.5
6/25/2017 16:00	179.7
6/25/2017 17:00	173.2

Date & Time	Production Rate (GPM)
6/25/2017 18:00	168.0
6/25/2017 19:00	172.4
6/25/2017 20:00	149.3
6/25/2017 21:00	159.8
6/25/2017 22:00	180.4
6/25/2017 23:00	208.9
6/26/2017 0:00	240.6
6/26/2017 1:00	199.8
6/26/2017 2:00	190.1
6/26/2017 3:00	201.6
6/26/2017 4:00	258.0
6/26/2017 5:00	297.3
6/26/2017 6:00	272.3
6/26/2017 7:00	333.6
6/26/2017 8:00	281.5
6/26/2017 9:00	213.4
6/26/2017 10:00	206.6
6/26/2017 11:00	199.4
6/26/2017 12:00	170.0
6/26/2017 13:00	165.2
6/26/2017 14:00	164.8
6/26/2017 15:00	179.3
6/26/2017 16:00	143.4
6/26/2017 17:00	158.1
6/26/2017 18:00	157.2
6/26/2017 19:00	196.1
6/26/2017 20:00	241.1
6/26/2017 21:00	172.4
6/26/2017 22:00	192.1
6/26/2017 23:00	158.7
6/27/2017 0:00	283.8
6/27/2017 1:00	183.0
6/27/2017 2:00	151.2
6/27/2017 3:00	368.8
6/27/2017 4:00	170.7
6/27/2017 5:00	305.6
6/27/2017 6:00	261.3
6/27/2017 7:00	320.9
6/27/2017 8:00	322.4
6/27/2017 9:00	221.4
6/27/2017 10:00	240.2
6/27/2017 11:00	191.2
6/27/2017 12:00	194.6
6/27/2017 13:00	222.2
6/27/2017 14:00	207.8
6/27/2017 15:00	202.4
6/27/2017 16:00	191.4
6/27/2017 17:00	194.6
6/27/2017 18:00	192.2
6/27/2017 19:00	182.2
6/27/2017 20:00	174.3
6/27/2017 21:00	336.0
6/27/2017 22:00	186.9
6/27/2017 23:00	170.7
6/28/2017 0:00	189.0
6/28/2017 1:00	181.6
6/28/2017 2:00	166.9
6/28/2017 3:00	233.9
6/28/2017 4:00	246.4
6/28/2017 5:00	311.2
6/28/2017 6:00	248.1
6/28/2017 7:00	299.6
6/28/2017 8:00	238.1

Date & Time	Production Rate (GPM)
6/28/2017 9:00	216.7
6/28/2017 10:00	237.3
6/28/2017 11:00	257.0
6/28/2017 12:00	231.6
6/28/2017 13:00	215.1
6/28/2017 14:00	214.0
6/28/2017 15:00	189.9
6/28/2017 16:00	237.3
6/28/2017 17:00	215.7
6/28/2017 18:00	206.5
6/28/2017 19:00	194.3
6/28/2017 20:00	185.4
6/28/2017 21:00	298.0
6/28/2017 22:00	191.5
6/28/2017 23:00	242.0
6/29/2017 0:00	312.9
6/29/2017 1:00	376.6
6/29/2017 2:00	203.2
6/29/2017 3:00	203.6
6/29/2017 4:00	261.0
6/29/2017 5:00	310.1
6/29/2017 6:00	318.3
6/29/2017 7:00	341.1
6/29/2017 8:00	313.2
6/29/2017 9:00	225.2
6/29/2017 10:00	162.1
6/29/2017 11:00	187.3
6/29/2017 12:00	219.4
6/29/2017 13:00	216.8
6/29/2017 14:00	180.3
6/29/2017 15:00	190.6
6/29/2017 16:00	142.5
6/29/2017 17:00	141.5
6/29/2017 18:00	242.3
6/29/2017 19:00	172.7
6/29/2017 20:00	165.4
6/29/2017 21:00	189.5
6/29/2017 22:00	173.0
6/29/2017 23:00	136.3
6/30/2017 0:00	180.3
6/30/2017 1:00	223.7
6/30/2017 2:00	223.9
6/30/2017 3:00	184.5
6/30/2017 4:00	259.4
6/30/2017 5:00	276.9
6/30/2017 6:00	274.5
6/30/2017 7:00	394.7
6/30/2017 8:00	294.5
6/30/2017 9:00	181.3
6/30/2017 10:00	351.5
6/30/2017 11:00	178.0
6/30/2017 12:00	183.4
6/30/2017 13:00	162.4
6/30/2017 14:00	168.1
6/30/2017 15:00	202.1
6/30/2017 16:00	166.6
6/30/2017 17:00	143.8
6/30/2017 18:00	194.6
6/30/2017 19:00	158.0
6/30/2017 20:00	199.1
6/30/2017 21:00	206.4
6/30/2017 22:00	196.9
6/30/2017 23:00	187.0

Date & Time	Production Rate (GPM)
7/1/2017 0:00	148.5
7/1/2017 1:00	157.7
7/1/2017 2:00	149.5
7/1/2017 3:00	215.9
7/1/2017 4:00	264.5
7/1/2017 5:00	267.1
7/1/2017 6:00	231.0
7/1/2017 7:00	216.4
7/1/2017 8:00	217.8
7/1/2017 9:00	186.0
7/1/2017 10:00	210.1
7/1/2017 11:00	223.3
7/1/2017 12:00	173.7
7/1/2017 13:00	182.9
7/1/2017 14:00	205.1
7/1/2017 15:00	142.5
7/1/2017 16:00	159.4
7/1/2017 17:00	174.5
7/1/2017 18:00	160.5
7/1/2017 19:00	167.0
7/1/2017 20:00	224.2
7/1/2017 21:00	217.4
7/1/2017 22:00	214.8
7/1/2017 23:00	161.1
7/2/2017 0:00	192.3
7/2/2017 1:00	138.0
7/2/2017 2:00	143.9
7/2/2017 3:00	190.8
7/2/2017 4:00	239.9
7/2/2017 5:00	180.5
7/2/2017 6:00	205.4
7/2/2017 7:00	184.8
7/2/2017 8:00	192.0
7/2/2017 9:00	190.8
7/2/2017 10:00	231.2
7/2/2017 11:00	248.7
7/2/2017 12:00	185.2
7/2/2017 13:00	141.2
7/2/2017 14:00	138.3
7/2/2017 15:00	150.7
7/2/2017 16:00	156.1
7/2/2017 17:00	182.1
7/2/2017 18:00	184.5
7/2/2017 19:00	160.0
7/2/2017 20:00	147.0
7/2/2017 21:00	214.7
7/2/2017 22:00	228.3
7/2/2017 23:00	168.2
7/3/2017 0:00	145.7
7/3/2017 1:00	150.3
7/3/2017 2:00	182.9
7/3/2017 3:00	185.9
7/3/2017 4:00	416.6
7/3/2017 5:00	288.3
7/3/2017 6:00	249.4
7/3/2017 7:00	257.9
7/3/2017 8:00	201.8
7/3/2017 9:00	333.1
7/3/2017 10:00	206.8
7/3/2017 11:00	192.8
7/3/2017 12:00	206.2
7/3/2017 13:00	161.5
7/3/2017 14:00	189.6

Date & Time	Production Rate (GPM)
7/3/2017 15:00	146.7
7/3/2017 16:00	165.6
7/3/2017 17:00	177.5
7/3/2017 18:00	173.5
7/3/2017 19:00	167.7
7/3/2017 20:00	157.9
7/3/2017 21:00	161.7
7/3/2017 22:00	268.0
7/3/2017 23:00	243.2
7/4/2017 0:00	174.6
7/4/2017 1:00	167.3
7/4/2017 2:00	190.1
7/4/2017 3:00	167.9
7/4/2017 4:00	235.4
7/4/2017 5:00	209.9
7/4/2017 6:00	246.6
7/4/2017 7:00	300.0
7/4/2017 8:00	198.6
7/4/2017 9:00	194.2
7/4/2017 10:00	157.8
7/4/2017 11:00	174.9
7/4/2017 12:00	132.5
7/4/2017 13:00	133.5
7/4/2017 14:00	141.4
7/4/2017 15:00	126.5
7/4/2017 16:00	147.5
7/4/2017 17:00	133.5
7/4/2017 18:00	168.2
7/4/2017 19:00	144.4
7/4/2017 20:00	151.2
7/4/2017 21:00	131.1
7/4/2017 22:00	298.2
7/4/2017 23:00	284.9
7/5/2017 0:00	189.7
7/5/2017 1:00	160.1
7/5/2017 2:00	157.9
7/5/2017 3:00	146.8
7/5/2017 4:00	154.7
7/5/2017 5:00	181.7
7/5/2017 6:00	338.2
7/5/2017 7:00	398.1
7/5/2017 8:00	254.0
7/5/2017 9:00	259.4
7/5/2017 10:00	209.7
7/5/2017 11:00	222.3
7/5/2017 12:00	168.9
7/5/2017 13:00	199.9
7/5/2017 14:00	166.9
7/5/2017 15:00	234.9
7/5/2017 16:00	186.9
7/5/2017 17:00	151.1
7/5/2017 18:00	230.0
7/5/2017 19:00	151.2
7/5/2017 20:00	149.9
7/5/2017 21:00	150.8
7/5/2017 22:00	204.9
7/5/2017 23:00	153.8
7/6/2017 0:00	160.4
7/6/2017 1:00	166.7
7/6/2017 2:00	147.6
7/6/2017 3:00	176.4
7/6/2017 4:00	157.8
7/6/2017 5:00	205.6

Date & Time	Production Rate (GPM)
7/6/2017 6:00	194.3
7/6/2017 7:00	258.9
7/6/2017 8:00	251.3
7/6/2017 9:00	199.4
7/6/2017 10:00	198.5
7/6/2017 11:00	222.5
7/6/2017 12:00	264.7
7/6/2017 13:00	222.3
7/6/2017 14:00	175.0
7/6/2017 15:00	198.8
7/6/2017 16:00	164.3
7/6/2017 17:00	155.4
7/6/2017 18:00	146.3
7/6/2017 19:00	153.8
7/6/2017 20:00	153.1
7/6/2017 21:00	161.1
7/6/2017 22:00	182.8
7/6/2017 23:00	220.1
7/7/2017 0:00	253.5
7/7/2017 1:00	173.3
7/7/2017 2:00	259.5
7/7/2017 3:00	204.7
7/7/2017 4:00	164.0
7/7/2017 5:00	182.7
7/7/2017 6:00	184.5
7/7/2017 7:00	210.1
7/7/2017 8:00	211.4
7/7/2017 9:00	200.7
7/7/2017 10:00	189.8
7/7/2017 11:00	171.7
7/7/2017 12:00	164.8
7/7/2017 13:00	155.3
7/7/2017 14:00	157.9
7/7/2017 15:00	152.4
7/7/2017 16:00	179.5
7/7/2017 17:00	147.1
7/7/2017 18:00	144.5
7/7/2017 19:00	156.5
7/7/2017 20:00	129.3
7/7/2017 21:00	158.5
7/7/2017 22:00	285.7
7/7/2017 23:00	151.2
7/8/2017 0:00	165.7
7/8/2017 1:00	164.5
7/8/2017 2:00	182.1
7/8/2017 3:00	125.8
7/8/2017 4:00	134.7
7/8/2017 5:00	249.1
7/8/2017 6:00	161.2
7/8/2017 7:00	185.4
7/8/2017 8:00	202.7
7/8/2017 9:00	183.0
7/8/2017 10:00	170.3
7/8/2017 11:00	201.2
7/8/2017 12:00	167.1
7/8/2017 13:00	144.8
7/8/2017 14:00	147.6
7/8/2017 15:00	160.2
7/8/2017 16:00	135.8
7/8/2017 17:00	143.6
7/8/2017 18:00	157.3
7/8/2017 19:00	145.0
7/8/2017 20:00	134.1

Date & Time	Production Rate (GPM)
7/8/2017 21:00	124.2
7/8/2017 22:00	140.9
7/8/2017 23:00	149.3
7/9/2017 0:00	135.2
7/9/2017 1:00	166.5
7/9/2017 2:00	139.5
7/9/2017 3:00	147.8
7/9/2017 4:00	246.1
7/9/2017 5:00	173.8
7/9/2017 6:00	188.2
7/9/2017 7:00	164.7
7/9/2017 8:00	174.3
7/9/2017 9:00	188.0
7/9/2017 10:00	192.9
7/9/2017 11:00	157.3
7/9/2017 12:00	150.9
7/9/2017 13:00	127.0
7/9/2017 14:00	183.4
7/9/2017 15:00	152.3
7/9/2017 16:00	141.2
7/9/2017 17:00	126.7
7/9/2017 18:00	159.9
7/9/2017 19:00	138.3
7/9/2017 20:00	137.1
7/9/2017 21:00	145.0
7/9/2017 22:00	200.7
7/9/2017 23:00	135.9
7/10/2017 0:00	143.2
7/10/2017 1:00	132.5
7/10/2017 2:00	134.3
7/10/2017 3:00	228.9
7/10/2017 4:00	161.9
7/10/2017 5:00	187.1
7/10/2017 6:00	173.7
7/10/2017 7:00	207.3
7/10/2017 8:00	181.1
7/10/2017 9:00	201.2
7/10/2017 10:00	181.3
7/10/2017 11:00	191.5
7/10/2017 12:00	182.9
7/10/2017 13:00	178.8
7/10/2017 14:00	130.9
7/10/2017 15:00	166.2
7/10/2017 16:00	159.0
7/10/2017 17:00	151.5
7/10/2017 18:00	137.5
7/10/2017 19:00	143.8
7/10/2017 20:00	143.8
7/10/2017 21:00	295.0
7/10/2017 22:00	163.9
7/10/2017 23:00	317.6
7/11/2017 0:00	167.3
7/11/2017 1:00	140.2
7/11/2017 2:00	150.6
7/11/2017 3:00	175.3
7/11/2017 4:00	185.9
7/11/2017 5:00	402.3
7/11/2017 6:00	319.6
7/11/2017 7:00	255.0
7/11/2017 8:00	198.3
7/11/2017 9:00	207.6
7/11/2017 10:00	211.7
7/11/2017 11:00	200.9

Date & Time	Production Rate (GPM)
7/11/2017 12:00	224.2
7/11/2017 13:00	192.0
7/11/2017 14:00	179.8
7/11/2017 15:00	198.8
7/11/2017 16:00	152.4
7/11/2017 17:00	223.3
7/11/2017 18:00	191.3
7/11/2017 19:00	173.8
7/11/2017 20:00	149.4
7/11/2017 21:00	197.2
7/11/2017 22:00	231.1
7/11/2017 23:00	178.6
7/12/2017 0:00	159.4
7/12/2017 1:00	148.6
7/12/2017 2:00	359.5
7/12/2017 3:00	191.7
7/12/2017 4:00	332.4
7/12/2017 5:00	399.6
7/12/2017 6:00	400.2
7/12/2017 7:00	343.4
7/12/2017 8:00	214.6
7/12/2017 9:00	196.8
7/12/2017 10:00	200.1
7/12/2017 11:00	177.9
7/12/2017 12:00	185.7
7/12/2017 13:00	177.2
7/12/2017 14:00	180.2
7/12/2017 15:00	161.1
7/12/2017 16:00	146.6
7/12/2017 17:00	209.4
7/12/2017 18:00	173.8
7/12/2017 19:00	134.1
7/12/2017 20:00	137.7
7/12/2017 21:00	206.5
7/12/2017 22:00	143.2
7/12/2017 23:00	186.9
7/13/2017 0:00	164.0
7/13/2017 1:00	153.1
7/13/2017 2:00	166.2
7/13/2017 3:00	167.9
7/13/2017 4:00	166.6
7/13/2017 5:00	248.3
7/13/2017 6:00	187.1
7/13/2017 7:00	218.7
7/13/2017 8:00	329.5
7/13/2017 9:00	202.4
7/13/2017 10:00	190.0
7/13/2017 11:00	202.6
7/13/2017 12:00	191.5
7/13/2017 13:00	154.2
7/13/2017 14:00	178.6
7/13/2017 15:00	157.7
7/13/2017 16:00	150.8
7/13/2017 17:00	166.8
7/13/2017 18:00	162.7
7/13/2017 19:00	140.2
7/13/2017 20:00	146.0
7/13/2017 21:00	146.3
7/13/2017 22:00	208.8
7/13/2017 23:00	151.5
7/14/2017 0:00	208.9
7/14/2017 1:00	143.8
7/14/2017 2:00	191.8

Date & Time	Production Rate (GPM)
7/14/2017 3:00	155.8
7/14/2017 4:00	153.2
7/14/2017 5:00	247.7
7/14/2017 6:00	184.0
7/14/2017 7:00	247.0
7/14/2017 8:00	194.4
7/14/2017 9:00	195.6
7/14/2017 10:00	238.5
7/14/2017 11:00	231.4
7/14/2017 12:00	168.8
7/14/2017 13:00	152.1
7/14/2017 14:00	186.0
7/14/2017 15:00	167.6
7/14/2017 16:00	164.1
7/14/2017 17:00	127.9
7/14/2017 18:00	220.7
7/14/2017 19:00	159.7
7/14/2017 20:00	199.1
7/14/2017 21:00	132.8
7/14/2017 22:00	163.7
7/14/2017 23:00	165.6
7/15/2017 0:00	211.9
7/15/2017 1:00	162.0
7/15/2017 2:00	135.3
7/15/2017 3:00	233.9
7/15/2017 4:00	118.1
7/15/2017 5:00	149.9
7/15/2017 6:00	199.5
7/15/2017 7:00	168.2
7/15/2017 8:00	267.8
7/15/2017 9:00	231.3
7/15/2017 10:00	233.0
7/15/2017 11:00	237.8
7/15/2017 12:00	178.6
7/15/2017 13:00	190.8
7/15/2017 14:00	188.8
7/15/2017 15:00	135.7
7/15/2017 16:00	140.9
7/15/2017 17:00	130.5
7/15/2017 18:00	196.4
7/15/2017 19:00	129.2
7/15/2017 20:00	186.8
7/15/2017 21:00	170.3
7/15/2017 22:00	183.9
7/15/2017 23:00	124.9
7/16/2017 0:00	173.7
7/16/2017 1:00	197.5
7/16/2017 2:00	176.9
7/16/2017 3:00	193.7
7/16/2017 4:00	144.2
7/16/2017 5:00	247.6
7/16/2017 6:00	182.9
7/16/2017 7:00	155.0
7/16/2017 8:00	332.9
7/16/2017 9:00	234.9
7/16/2017 10:00	181.7
7/16/2017 11:00	222.6
7/16/2017 12:00	203.6
7/16/2017 13:00	238.4
7/16/2017 14:00	169.2
7/16/2017 15:00	193.5
7/16/2017 16:00	186.6
7/16/2017 17:00	179.8

Date & Time	Production Rate (GPM)
7/16/2017 18:00	175.8
7/16/2017 19:00	142.1
7/16/2017 20:00	179.9
7/16/2017 21:00	242.8
7/16/2017 22:00	459.3
7/16/2017 23:00	204.6
7/17/2017 0:00	218.4
7/17/2017 1:00	158.8
7/17/2017 2:00	212.2
7/17/2017 3:00	302.4
7/17/2017 4:00	303.4
7/17/2017 5:00	382.7
7/17/2017 6:00	311.5
7/17/2017 7:00	274.1
7/17/2017 8:00	243.3
7/17/2017 9:00	230.0
7/17/2017 10:00	272.5
7/17/2017 11:00	183.6
7/17/2017 12:00	221.7
7/17/2017 13:00	209.4
7/17/2017 14:00	192.0
7/17/2017 15:00	169.3
7/17/2017 16:00	214.2
7/17/2017 17:00	185.0
7/17/2017 18:00	151.5
7/17/2017 19:00	179.2
7/17/2017 20:00	197.2
7/17/2017 21:00	259.0
7/17/2017 22:00	213.6
7/17/2017 23:00	192.4
7/18/2017 0:00	146.0
7/18/2017 1:00	162.1
7/18/2017 2:00	131.7
7/18/2017 3:00	146.3
7/18/2017 4:00	220.7
7/18/2017 5:00	399.1
7/18/2017 6:00	354.2
7/18/2017 7:00	287.3
7/18/2017 8:00	201.2
7/18/2017 9:00	248.7
7/18/2017 10:00	226.8
7/18/2017 11:00	202.5
7/18/2017 12:00	196.9
7/18/2017 13:00	219.6
7/18/2017 14:00	174.7
7/18/2017 15:00	197.5
7/18/2017 16:00	173.1
7/18/2017 17:00	193.8
7/18/2017 18:00	247.1
7/18/2017 19:00	137.6
7/18/2017 20:00	166.4
7/18/2017 21:00	264.2
7/18/2017 22:00	245.2
7/18/2017 23:00	186.6
7/19/2017 0:00	168.2
7/19/2017 1:00	186.5
7/19/2017 2:00	173.3
7/19/2017 3:00	165.4
7/19/2017 4:00	208.5
7/19/2017 5:00	275.6
7/19/2017 6:00	419.8
7/19/2017 7:00	240.8
7/19/2017 8:00	268.7

Date & Time	Production Rate (GPM)
7/19/2017 9:00	239.9
7/19/2017 10:00	218.5
7/19/2017 11:00	250.2
7/19/2017 12:00	212.2
7/19/2017 13:00	202.0
7/19/2017 14:00	192.7
7/19/2017 15:00	222.6
7/19/2017 16:00	223.2
7/19/2017 17:00	216.5
7/19/2017 18:00	177.9
7/19/2017 19:00	179.9
7/19/2017 20:00	217.8
7/19/2017 21:00	189.9
7/19/2017 22:00	212.2
7/19/2017 23:00	186.6
7/20/2017 0:00	206.8
7/20/2017 1:00	183.6
7/20/2017 2:00	176.8
7/20/2017 3:00	193.4
7/20/2017 4:00	228.8
7/20/2017 5:00	422.8
7/20/2017 6:00	377.3
7/20/2017 7:00	303.1
7/20/2017 8:00	258.5
7/20/2017 9:00	229.1
7/20/2017 10:00	298.8
7/20/2017 11:00	276.4
7/20/2017 12:00	225.4
7/20/2017 13:00	199.7
7/20/2017 14:00	187.8
7/20/2017 15:00	239.1
7/20/2017 16:00	231.8
7/20/2017 17:00	205.2
7/20/2017 18:00	179.8
7/20/2017 19:00	202.1
7/20/2017 20:00	242.0
7/20/2017 21:00	202.5
7/20/2017 22:00	273.8
7/20/2017 23:00	210.4
7/21/2017 0:00	187.1
7/21/2017 1:00	206.8
7/21/2017 2:00	231.0
7/21/2017 3:00	177.8
7/21/2017 4:00	399.0
7/21/2017 5:00	396.6
7/21/2017 6:00	397.3
7/21/2017 7:00	279.9
7/21/2017 8:00	264.8
7/21/2017 9:00	223.9
7/21/2017 10:00	234.9
7/21/2017 11:00	212.7
7/21/2017 12:00	240.0
7/21/2017 13:00	261.0
7/21/2017 14:00	234.8
7/21/2017 15:00	166.0
7/21/2017 16:00	191.4
7/21/2017 17:00	209.6
7/21/2017 18:00	183.5
7/21/2017 19:00	234.8
7/21/2017 20:00	171.7
7/21/2017 21:00	280.5
7/21/2017 22:00	197.0
7/21/2017 23:00	278.3

Date & Time	Production Rate (GPM)
7/22/2017 0:00	220.5
7/22/2017 1:00	187.2
7/22/2017 2:00	244.2
7/22/2017 3:00	205.8
7/22/2017 4:00	250.0
7/22/2017 5:00	410.3
7/22/2017 6:00	405.1
7/22/2017 7:00	392.6
7/22/2017 8:00	408.7
7/22/2017 9:00	236.5
7/22/2017 10:00	230.3
7/22/2017 11:00	213.0
7/22/2017 12:00	318.3
7/22/2017 13:00	235.7
7/22/2017 14:00	231.8
7/22/2017 15:00	166.9
7/22/2017 16:00	204.9
7/22/2017 17:00	204.5
7/22/2017 18:00	155.6
7/22/2017 19:00	211.7
7/22/2017 20:00	173.0
7/22/2017 21:00	251.4
7/22/2017 22:00	203.9
7/22/2017 23:00	202.4
7/23/2017 0:00	190.1
7/23/2017 1:00	201.4
7/23/2017 2:00	214.3
7/23/2017 3:00	155.5
7/23/2017 4:00	221.7
7/23/2017 5:00	228.1
7/23/2017 6:00	342.3
7/23/2017 7:00	446.1
7/23/2017 8:00	452.5
7/23/2017 9:00	289.0
7/23/2017 10:00	232.3
7/23/2017 11:00	257.1
7/23/2017 12:00	254.7
7/23/2017 13:00	246.8
7/23/2017 14:00	201.4
7/23/2017 15:00	191.7
7/23/2017 16:00	171.8
7/23/2017 17:00	159.2
7/23/2017 18:00	186.8
7/23/2017 19:00	163.5
7/23/2017 20:00	179.0
7/23/2017 21:00	169.5
7/23/2017 22:00	232.0
7/23/2017 23:00	238.7
7/24/2017 0:00	200.4
7/24/2017 1:00	208.7
7/24/2017 2:00	271.6
7/24/2017 3:00	182.0
7/24/2017 4:00	207.5
7/24/2017 5:00	263.1
7/24/2017 6:00	217.6
7/24/2017 7:00	215.9
7/24/2017 8:00	229.6
7/24/2017 9:00	263.8
7/24/2017 10:00	251.7
7/24/2017 11:00	222.0
7/24/2017 12:00	242.6
7/24/2017 13:00	279.8
7/24/2017 14:00	191.4

Date & Time	Production Rate (GPM)
7/24/2017 15:00	199.9
7/24/2017 16:00	223.2
7/24/2017 17:00	277.5
7/24/2017 18:00	226.8
7/24/2017 19:00	214.6
7/24/2017 20:00	219.7
7/24/2017 21:00	254.2
7/24/2017 22:00	222.8
7/24/2017 23:00	220.3
7/25/2017 0:00	319.2
7/25/2017 1:00	241.0
7/25/2017 2:00	272.6
7/25/2017 3:00	259.7
7/25/2017 4:00	208.0
7/25/2017 5:00	529.0
7/25/2017 6:00	282.5
7/25/2017 7:00	325.7
7/25/2017 8:00	244.0
7/25/2017 9:00	210.5
7/25/2017 10:00	259.4
7/25/2017 11:00	235.7
7/25/2017 12:00	204.5
7/25/2017 13:00	183.9
7/25/2017 14:00	153.7
7/25/2017 15:00	186.6
7/25/2017 16:00	156.3
7/25/2017 17:00	174.3
7/25/2017 18:00	181.0
7/25/2017 19:00	143.1
7/25/2017 20:00	148.7
7/25/2017 21:00	192.4
7/25/2017 22:00	221.9
7/25/2017 23:00	146.3
7/26/2017 0:00	166.2
7/26/2017 1:00	143.8
7/26/2017 2:00	161.8
7/26/2017 3:00	149.0
7/26/2017 4:00	161.9
7/26/2017 5:00	198.0
7/26/2017 6:00	176.8
7/26/2017 7:00	233.6
7/26/2017 8:00	196.5
7/26/2017 9:00	215.0
7/26/2017 10:00	255.8
7/26/2017 11:00	195.1
7/26/2017 12:00	182.7
7/26/2017 13:00	234.7
7/26/2017 14:00	136.7
7/26/2017 15:00	130.9
7/26/2017 16:00	153.8
7/26/2017 17:00	147.2
7/26/2017 18:00	217.7
7/26/2017 19:00	169.8
7/26/2017 20:00	153.5
7/26/2017 21:00	160.9
7/26/2017 22:00	170.0
7/26/2017 23:00	170.5
7/27/2017 0:00	146.9
7/27/2017 1:00	149.9
7/27/2017 2:00	151.2
7/27/2017 3:00	145.6
7/27/2017 4:00	143.5
7/27/2017 5:00	246.5

Date & Time	Production Rate (GPM)
7/27/2017 6:00	194.8
7/27/2017 7:00	198.1
7/27/2017 8:00	252.4
7/27/2017 9:00	200.3
7/27/2017 10:00	288.5
7/27/2017 11:00	181.6
7/27/2017 12:00	176.4
7/27/2017 13:00	210.4
7/27/2017 14:00	196.1
7/27/2017 15:00	177.3
7/27/2017 16:00	146.9
7/27/2017 17:00	206.6
7/27/2017 18:00	147.5
7/27/2017 19:00	184.0
7/27/2017 20:00	160.5
7/27/2017 21:00	190.3
7/27/2017 22:00	196.3
7/27/2017 23:00	161.6
7/28/2017 0:00	151.8
7/28/2017 1:00	154.8
7/28/2017 2:00	162.1
7/28/2017 3:00	134.1
7/28/2017 4:00	155.3
7/28/2017 5:00	187.7
7/28/2017 6:00	244.5
7/28/2017 7:00	206.5
7/28/2017 8:00	201.7
7/28/2017 9:00	184.9
7/28/2017 10:00	190.8
7/28/2017 11:00	225.3
7/28/2017 12:00	328.2
7/28/2017 13:00	166.7
7/28/2017 14:00	213.3
7/28/2017 15:00	228.0
7/28/2017 16:00	220.2
7/28/2017 17:00	185.4
7/28/2017 18:00	163.0
7/28/2017 19:00	143.6
7/28/2017 20:00	148.7
7/28/2017 21:00	270.7
7/28/2017 22:00	161.8
7/28/2017 23:00	186.6
7/29/2017 0:00	223.0
7/29/2017 1:00	205.5
7/29/2017 2:00	170.8
7/29/2017 3:00	163.4
7/29/2017 4:00	157.6
7/29/2017 5:00	204.6
7/29/2017 6:00	163.4
7/29/2017 7:00	373.5
7/29/2017 8:00	220.7
7/29/2017 9:00	210.4
7/29/2017 10:00	212.0
7/29/2017 11:00	199.1
7/29/2017 12:00	181.1
7/29/2017 13:00	151.2
7/29/2017 14:00	202.2
7/29/2017 15:00	180.5
7/29/2017 16:00	169.5
7/29/2017 17:00	189.6
7/29/2017 18:00	133.5
7/29/2017 19:00	150.2
7/29/2017 20:00	162.1

Date & Time	Production Rate (GPM)
7/29/2017 21:00	137.4
7/29/2017 22:00	155.0
7/29/2017 23:00	167.7
7/30/2017 0:00	144.7
7/30/2017 1:00	145.1
7/30/2017 2:00	223.7
7/30/2017 3:00	193.3
7/30/2017 4:00	147.6
7/30/2017 5:00	170.5
7/30/2017 6:00	182.2
7/30/2017 7:00	163.4
7/30/2017 8:00	232.3
7/30/2017 9:00	248.7
7/30/2017 10:00	178.6
7/30/2017 11:00	179.2
7/30/2017 12:00	188.2
7/30/2017 13:00	201.2
7/30/2017 14:00	149.6
7/30/2017 15:00	146.2
7/30/2017 16:00	177.2
7/30/2017 17:00	146.3
7/30/2017 18:00	155.5
7/30/2017 19:00	154.7
7/30/2017 20:00	155.5
7/30/2017 21:00	138.3
7/30/2017 22:00	149.3
7/30/2017 23:00	180.8
7/31/2017 0:00	154.9
7/31/2017 1:00	189.8
7/31/2017 2:00	156.7
7/31/2017 3:00	187.1
7/31/2017 4:00	175.8
7/31/2017 5:00	245.0
7/31/2017 6:00	178.7
7/31/2017 7:00	217.0
7/31/2017 8:00	226.2
7/31/2017 9:00	242.0
7/31/2017 10:00	194.0
7/31/2017 11:00	192.9
7/31/2017 12:00	185.0
7/31/2017 13:00	221.7
7/31/2017 14:00	172.2
7/31/2017 15:00	149.5
7/31/2017 16:00	162.1
7/31/2017 17:00	142.1
7/31/2017 18:00	157.0
7/31/2017 19:00	154.5
7/31/2017 20:00	148.9
7/31/2017 21:00	221.0
7/31/2017 22:00	166.6
7/31/2017 23:00	179.8
8/1/2017 0:00	192.7
8/1/2017 1:00	157.9
8/1/2017 2:00	151.2
8/1/2017 3:00	156.1
8/1/2017 4:00	150.8
8/1/2017 5:00	291.2
8/1/2017 6:00	220.7
8/1/2017 7:00	223.9
8/1/2017 8:00	197.6
8/1/2017 9:00	182.8
8/1/2017 10:00	178.0
8/1/2017 11:00	225.3

Date & Time	Production Rate (GPM)
8/1/2017 12:00	177.5
8/1/2017 13:00	181.6
8/1/2017 14:00	164.0
8/1/2017 15:00	241.0
8/1/2017 16:00	151.8
8/1/2017 17:00	157.6
8/1/2017 18:00	186.1
8/1/2017 19:00	160.0
8/1/2017 20:00	150.4
8/1/2017 21:00	183.9
8/1/2017 22:00	211.8
8/1/2017 23:00	154.3
8/2/2017 0:00	154.7
8/2/2017 1:00	194.0
8/2/2017 2:00	170.5
8/2/2017 3:00	170.4
8/2/2017 4:00	165.0
8/2/2017 5:00	228.1
8/2/2017 6:00	203.6
8/2/2017 7:00	292.5
8/2/2017 8:00	207.5
8/2/2017 9:00	188.7
8/2/2017 10:00	241.5
8/2/2017 11:00	189.5
8/2/2017 12:00	208.6
8/2/2017 13:00	163.8
8/2/2017 14:00	144.4
8/2/2017 15:00	138.7
8/2/2017 16:00	135.5
8/2/2017 17:00	151.1
8/2/2017 18:00	143.2
8/2/2017 19:00	153.6
8/2/2017 20:00	128.9
8/2/2017 21:00	204.9
8/2/2017 22:00	203.1
8/2/2017 23:00	180.1
8/3/2017 0:00	159.9
8/3/2017 1:00	159.8
8/3/2017 2:00	156.1
8/3/2017 3:00	145.6
8/3/2017 4:00	146.7
8/3/2017 5:00	287.7
8/3/2017 6:00	184.2
8/3/2017 7:00	193.6
8/3/2017 8:00	262.9
8/3/2017 9:00	176.1
8/3/2017 10:00	182.0
8/3/2017 11:00	248.2
8/3/2017 12:00	227.6
8/3/2017 13:00	163.4
8/3/2017 14:00	221.7
8/3/2017 15:00	211.0
8/3/2017 16:00	124.2
8/3/2017 17:00	131.7
8/3/2017 18:00	134.3
8/3/2017 19:00	145.4
8/3/2017 20:00	232.0
8/3/2017 21:00	303.8
8/3/2017 22:00	197.5
8/3/2017 23:00	163.9
8/4/2017 0:00	190.5
8/4/2017 1:00	161.1
8/4/2017 2:00	160.0

Date & Time	Production Rate (GPM)
8/4/2017 3:00	186.6
8/4/2017 4:00	206.7
8/4/2017 5:00	365.0
8/4/2017 6:00	222.5
8/4/2017 7:00	258.5
8/4/2017 8:00	216.8
8/4/2017 9:00	225.6
8/4/2017 10:00	212.1
8/4/2017 11:00	180.2
8/4/2017 12:00	190.1
8/4/2017 13:00	173.5
8/4/2017 14:00	137.4
8/4/2017 15:00	135.2
8/4/2017 16:00	154.7
8/4/2017 17:00	146.8
8/4/2017 18:00	148.2
8/4/2017 19:00	166.4
8/4/2017 20:00	223.6
8/4/2017 21:00	267.4
8/4/2017 22:00	233.6
8/4/2017 23:00	161.5
8/5/2017 0:00	222.6
8/5/2017 1:00	152.6
8/5/2017 2:00	151.4
8/5/2017 3:00	157.5
8/5/2017 4:00	198.8
8/5/2017 5:00	392.0
8/5/2017 6:00	336.6
8/5/2017 7:00	402.9
8/5/2017 8:00	259.5
8/5/2017 9:00	229.4
8/5/2017 10:00	211.8
8/5/2017 11:00	214.6
8/5/2017 12:00	201.2
8/5/2017 13:00	247.5
8/5/2017 14:00	183.5
8/5/2017 15:00	171.6
8/5/2017 16:00	171.9
8/5/2017 17:00	162.5
8/5/2017 18:00	164.7
8/5/2017 19:00	158.7
8/5/2017 20:00	187.2
8/5/2017 21:00	245.2
8/5/2017 22:00	176.7
8/5/2017 23:00	160.1
8/6/2017 0:00	178.7
8/6/2017 1:00	154.8
8/6/2017 2:00	202.9
8/6/2017 3:00	182.9
8/6/2017 4:00	245.6
8/6/2017 5:00	241.4
8/6/2017 6:00	313.6
8/6/2017 7:00	201.1
8/6/2017 8:00	201.1
8/6/2017 9:00	192.7
8/6/2017 10:00	209.1
8/6/2017 11:00	205.6
8/6/2017 12:00	192.0
8/6/2017 13:00	290.1
8/6/2017 14:00	178.0
8/6/2017 15:00	174.9
8/6/2017 16:00	157.0
8/6/2017 17:00	152.7

Date & Time	Production Rate (GPM)
8/6/2017 18:00	188.9
8/6/2017 19:00	198.2
8/6/2017 20:00	154.8
8/6/2017 21:00	193.2
8/6/2017 22:00	185.9
8/6/2017 23:00	165.8
8/7/2017 0:00	167.6
8/7/2017 1:00	162.1
8/7/2017 2:00	188.8
8/7/2017 3:00	177.3
8/7/2017 4:00	168.2
8/7/2017 5:00	196.9
8/7/2017 6:00	203.6
8/7/2017 7:00	210.6
8/7/2017 8:00	250.4
8/7/2017 9:00	222.2
8/7/2017 10:00	195.1
8/7/2017 11:00	198.2
8/7/2017 12:00	194.6
8/7/2017 13:00	185.1
8/7/2017 14:00	197.9
8/7/2017 15:00	161.2
8/7/2017 16:00	156.3
8/7/2017 17:00	166.9
8/7/2017 18:00	169.2
8/7/2017 19:00	147.5
8/7/2017 20:00	168.9
8/7/2017 21:00	234.7
8/7/2017 22:00	187.2
8/7/2017 23:00	172.8
8/8/2017 0:00	166.3
8/8/2017 1:00	141.9
8/8/2017 2:00	143.4
8/8/2017 3:00	152.8
8/8/2017 4:00	168.2
8/8/2017 5:00	261.1
8/8/2017 6:00	286.7
8/8/2017 7:00	250.4
8/8/2017 8:00	193.3
8/8/2017 9:00	239.3
8/8/2017 10:00	203.5
8/8/2017 11:00	183.7
8/8/2017 12:00	164.6
8/8/2017 13:00	159.1
8/8/2017 14:00	164.8
8/8/2017 15:00	133.8
8/8/2017 16:00	132.4
8/8/2017 17:00	140.1
8/8/2017 18:00	154.1
8/8/2017 19:00	141.5
8/8/2017 20:00	173.8
8/8/2017 21:00	203.6
8/8/2017 22:00	182.8
8/8/2017 23:00	190.7
8/9/2017 0:00	158.2
8/9/2017 1:00	151.8
8/9/2017 2:00	164.6
8/9/2017 3:00	163.4
8/9/2017 4:00	151.1
8/9/2017 5:00	409.1
8/9/2017 6:00	285.7
8/9/2017 7:00	209.5
8/9/2017 8:00	272.6

Date & Time	Production Rate (GPM)
8/9/2017 9:00	172.0
8/9/2017 10:00	230.1
8/9/2017 11:00	180.7
8/9/2017 12:00	186.6
8/9/2017 13:00	199.8
8/9/2017 14:00	160.4
8/9/2017 15:00	158.4
8/9/2017 16:00	153.6
8/9/2017 17:00	139.2
8/9/2017 18:00	149.9
8/9/2017 19:00	143.2
8/9/2017 20:00	152.9
8/9/2017 21:00	166.5
8/9/2017 22:00	153.6
8/9/2017 23:00	168.9
8/10/2017 0:00	148.7
8/10/2017 1:00	143.8
8/10/2017 2:00	157.6
8/10/2017 3:00	145.4
8/10/2017 4:00	168.6
8/10/2017 5:00	249.8
8/10/2017 6:00	273.0
8/10/2017 7:00	302.0
8/10/2017 8:00	299.4
8/10/2017 9:00	266.1
8/10/2017 10:00	261.7
8/10/2017 11:00	276.5
8/10/2017 12:00	239.1
8/10/2017 13:00	179.8
8/10/2017 14:00	127.7
8/10/2017 15:00	131.6
8/10/2017 16:00	139.6
8/10/2017 17:00	134.5
8/10/2017 18:00	200.8
8/10/2017 19:00	306.7
8/10/2017 20:00	219.7
8/10/2017 21:00	331.8
8/10/2017 22:00	268.6
8/10/2017 23:00	173.5
8/11/2017 0:00	135.3
8/11/2017 1:00	190.7
8/11/2017 2:00	150.2
8/11/2017 3:00	179.2
8/11/2017 4:00	209.8
8/11/2017 5:00	225.2
8/11/2017 6:00	175.9
8/11/2017 7:00	368.7
8/11/2017 8:00	230.0
8/11/2017 9:00	233.9
8/11/2017 10:00	193.8
8/11/2017 11:00	217.8
8/11/2017 12:00	211.8
8/11/2017 13:00	162.4
8/11/2017 14:00	164.6
8/11/2017 15:00	159.5
8/11/2017 16:00	132.8
8/11/2017 17:00	143.8
8/11/2017 18:00	132.8
8/11/2017 19:00	159.8
8/11/2017 20:00	153.6
8/11/2017 21:00	163.1
8/11/2017 22:00	158.0
8/11/2017 23:00	135.7

Date & Time	Production Rate (GPM)
8/12/2017 0:00	213.4
8/12/2017 1:00	156.7
8/12/2017 2:00	152.4
8/12/2017 3:00	157.9
8/12/2017 4:00	136.8
8/12/2017 5:00	148.4
8/12/2017 6:00	156.6
8/12/2017 7:00	177.8
8/12/2017 8:00	223.6
8/12/2017 9:00	228.4
8/12/2017 10:00	166.5
8/12/2017 11:00	177.4
8/12/2017 12:00	197.2
8/12/2017 13:00	166.4
8/12/2017 14:00	157.3
8/12/2017 15:00	159.9
8/12/2017 16:00	189.2
8/12/2017 17:00	153.1
8/12/2017 18:00	171.4
8/12/2017 19:00	168.9
8/12/2017 20:00	181.6
8/12/2017 21:00	156.0
8/12/2017 22:00	148.1
8/12/2017 23:00	173.1
8/13/2017 0:00	220.1
8/13/2017 1:00	152.7
8/13/2017 2:00	163.1
8/13/2017 3:00	139.2
8/13/2017 4:00	146.7
8/13/2017 5:00	204.8
8/13/2017 6:00	213.0
8/13/2017 7:00	409.4
8/13/2017 8:00	237.8
8/13/2017 9:00	191.5
8/13/2017 10:00	196.6
8/13/2017 11:00	178.9
8/13/2017 12:00	206.4
8/13/2017 13:00	197.5
8/13/2017 14:00	171.0
8/13/2017 15:00	179.8
8/13/2017 16:00	173.4
8/13/2017 17:00	213.0
8/13/2017 18:00	209.9
8/13/2017 19:00	204.3
8/13/2017 20:00	148.1
8/13/2017 21:00	181.2
8/13/2017 22:00	162.5
8/13/2017 23:00	157.7
8/14/2017 0:00	206.5
8/14/2017 1:00	186.6
8/14/2017 2:00	163.3
8/14/2017 3:00	198.1
8/14/2017 4:00	176.0
8/14/2017 5:00	227.5
8/14/2017 6:00	312.4
8/14/2017 7:00	359.2
8/14/2017 8:00	264.9
8/14/2017 9:00	210.1
8/14/2017 10:00	231.3
8/14/2017 11:00	230.3
8/14/2017 12:00	210.9
8/14/2017 13:00	378.5
8/14/2017 14:00	208.1

Date & Time	Production Rate (GPM)
8/14/2017 15:00	229.8
8/14/2017 16:00	229.9
8/14/2017 17:00	241.9
8/14/2017 18:00	223.4
8/14/2017 19:00	207.9
8/14/2017 20:00	196.9
8/14/2017 21:00	194.9
8/14/2017 22:00	198.3
8/14/2017 23:00	167.2
8/15/2017 0:00	334.2
8/15/2017 1:00	194.4
8/15/2017 2:00	162.8
8/15/2017 3:00	201.2
8/15/2017 4:00	181.4
8/15/2017 5:00	253.2
8/15/2017 6:00	243.1
8/15/2017 7:00	217.5
8/15/2017 8:00	948.7
8/15/2017 9:00	973.3
8/15/2017 10:00	866.2
8/15/2017 11:00	869.4
8/15/2017 12:00	874.9
8/15/2017 13:00	866.3
8/15/2017 14:00	864.0
8/15/2017 15:00	872.0
8/15/2017 16:00	867.4
8/15/2017 17:00	868.6
8/15/2017 18:00	172.7
8/15/2017 19:00	186.8
8/15/2017 20:00	174.9
8/15/2017 21:00	214.7
8/15/2017 22:00	189.8
8/15/2017 23:00	181.9
8/16/2017 0:00	159.2
8/16/2017 1:00	206.1
8/16/2017 2:00	318.0
8/16/2017 3:00	319.7
8/16/2017 4:00	246.6
8/16/2017 5:00	306.1
8/16/2017 6:00	397.1
8/16/2017 7:00	373.7
8/16/2017 8:00	444.8
8/16/2017 9:00	1260.6
8/16/2017 10:00	1146.7
8/16/2017 11:00	845.2
8/16/2017 12:00	1541.1
8/16/2017 13:00	1265.2
8/16/2017 14:00	1646.3
8/16/2017 15:00	972.4
8/16/2017 16:00	778.8
8/16/2017 17:00	421.0
8/16/2017 18:00	214.8
8/16/2017 19:00	226.8
8/16/2017 20:00	191.2
8/16/2017 21:00	174.3
8/16/2017 22:00	157.9
8/16/2017 23:00	117.1
8/17/2017 0:00	150.2
8/17/2017 1:00	179.8
8/17/2017 2:00	249.7
8/17/2017 3:00	138.6
8/17/2017 4:00	146.3
8/17/2017 5:00	342.7

Date & Time	Production Rate (GPM)
8/17/2017 6:00	315.7
8/17/2017 7:00	379.4
8/17/2017 8:00	278.0
8/17/2017 9:00	306.2
8/17/2017 10:00	297.3
8/17/2017 11:00	279.2
8/17/2017 12:00	287.9
8/17/2017 13:00	278.7
8/17/2017 14:00	281.5
8/17/2017 15:00	258.9
8/17/2017 16:00	229.1
8/17/2017 17:00	310.7
8/17/2017 18:00	258.5
8/17/2017 19:00	619.9
8/17/2017 20:00	118.7
8/17/2017 21:00	144.3
8/17/2017 22:00	190.2
8/17/2017 23:00	132.2
8/18/2017 0:00	127.3
8/18/2017 1:00	122.8
8/18/2017 2:00	266.8
8/18/2017 3:00	307.5
8/18/2017 4:00	316.6
8/18/2017 5:00	388.6
8/18/2017 6:00	281.7
8/18/2017 7:00	335.7
8/18/2017 8:00	155.1
8/18/2017 9:00	208.9
8/18/2017 10:00	160.4
8/18/2017 11:00	285.7
8/18/2017 12:00	240.7
8/18/2017 13:00	170.7
8/18/2017 14:00	220.5
8/18/2017 15:00	254.7
8/18/2017 16:00	189.6
8/18/2017 17:00	193.7
8/18/2017 18:00	164.9
8/18/2017 19:00	251.3
8/18/2017 20:00	130.8
8/18/2017 21:00	219.9
8/18/2017 22:00	165.6
8/18/2017 23:00	137.0
8/19/2017 0:00	186.8
8/19/2017 1:00	155.0
8/19/2017 2:00	140.2
8/19/2017 3:00	279.0
8/19/2017 4:00	315.8
8/19/2017 5:00	331.1
8/19/2017 6:00	319.6
8/19/2017 7:00	422.1
8/19/2017 8:00	192.7
8/19/2017 9:00	197.2
8/19/2017 10:00	194.8
8/19/2017 11:00	189.1
8/19/2017 12:00	182.3
8/19/2017 13:00	207.6
8/19/2017 14:00	161.1
8/19/2017 15:00	151.8
8/19/2017 16:00	156.3
8/19/2017 17:00	206.0
8/19/2017 18:00	146.2
8/19/2017 19:00	166.9
8/19/2017 20:00	167.7

Date & Time	Production Rate (GPM)
8/19/2017 21:00	178.1
8/19/2017 22:00	200.0
8/19/2017 23:00	181.4
8/20/2017 0:00	134.0
8/20/2017 1:00	273.2
8/20/2017 2:00	290.2
8/20/2017 3:00	300.9
8/20/2017 4:00	312.0
8/20/2017 5:00	402.0
8/20/2017 6:00	305.4
8/20/2017 7:00	198.8
8/20/2017 8:00	181.4
8/20/2017 9:00	216.2
8/20/2017 10:00	190.6
8/20/2017 11:00	192.0
8/20/2017 12:00	178.8
8/20/2017 13:00	158.4
8/20/2017 14:00	160.3
8/20/2017 15:00	178.7
8/20/2017 16:00	174.0
8/20/2017 17:00	147.7
8/20/2017 18:00	171.9
8/20/2017 19:00	144.5
8/20/2017 20:00	137.1
8/20/2017 21:00	187.8
8/20/2017 22:00	157.1
8/20/2017 23:00	138.7
8/21/2017 0:00	133.7
8/21/2017 1:00	151.2
8/21/2017 2:00	159.7
8/21/2017 3:00	204.3
8/21/2017 4:00	306.3
8/21/2017 5:00	366.0
8/21/2017 6:00	427.8
8/21/2017 7:00	393.9
8/21/2017 8:00	247.7
8/21/2017 9:00	178.6
8/21/2017 10:00	174.7
8/21/2017 11:00	214.3
8/21/2017 12:00	277.7
8/21/2017 13:00	178.7
8/21/2017 14:00	154.6
8/21/2017 15:00	149.9
8/21/2017 16:00	127.8
8/21/2017 17:00	145.4
8/21/2017 18:00	123.6
8/21/2017 19:00	147.4
8/21/2017 20:00	207.0
8/21/2017 21:00	220.8
8/21/2017 22:00	135.4
8/21/2017 23:00	204.5
8/22/2017 0:00	140.7
8/22/2017 1:00	135.1
8/22/2017 2:00	145.0
8/22/2017 3:00	347.8
8/22/2017 4:00	331.4
8/22/2017 5:00	372.2
8/22/2017 6:00	336.3
8/22/2017 7:00	228.1
8/22/2017 8:00	257.6
8/22/2017 9:00	184.0
8/22/2017 10:00	205.7
8/22/2017 11:00	175.3

Date & Time	Production Rate (GPM)
8/22/2017 12:00	229.1
8/22/2017 13:00	179.2
8/22/2017 14:00	136.7
8/22/2017 15:00	157.0
8/22/2017 16:00	111.1
8/22/2017 17:00	143.8
8/22/2017 18:00	158.2
8/22/2017 19:00	121.5
8/22/2017 20:00	152.1
8/22/2017 21:00	147.8
8/22/2017 22:00	249.4
8/22/2017 23:00	166.1
8/23/2017 0:00	200.6
8/23/2017 1:00	120.0
8/23/2017 2:00	116.9
8/23/2017 3:00	147.9
8/23/2017 4:00	158.5
8/23/2017 5:00	194.9
8/23/2017 6:00	422.9
8/23/2017 7:00	213.5
8/23/2017 8:00	190.8
8/23/2017 9:00	221.3
8/23/2017 10:00	264.8
8/23/2017 11:00	188.2
8/23/2017 12:00	153.9
8/23/2017 13:00	179.3
8/23/2017 14:00	151.2
8/23/2017 15:00	163.4
8/23/2017 16:00	131.6
8/23/2017 17:00	204.1
8/23/2017 18:00	168.7
8/23/2017 19:00	149.4
8/23/2017 20:00	158.2
8/23/2017 21:00	163.5
8/23/2017 22:00	175.6
8/23/2017 23:00	156.7
8/24/2017 0:00	150.8
8/24/2017 1:00	127.9
8/24/2017 2:00	133.1
8/24/2017 3:00	148.2
8/24/2017 4:00	332.7
8/24/2017 5:00	171.5
8/24/2017 6:00	219.6
8/24/2017 7:00	235.2
8/24/2017 8:00	241.0
8/24/2017 9:00	195.9
8/24/2017 10:00	203.0
8/24/2017 11:00	169.8
8/24/2017 12:00	168.2
8/24/2017 13:00	371.1
8/24/2017 14:00	215.6
8/24/2017 15:00	137.3
8/24/2017 16:00	255.8
8/24/2017 17:00	291.4
8/24/2017 18:00	209.8
8/24/2017 19:00	256.8
8/24/2017 20:00	229.9
8/24/2017 21:00	143.9
8/24/2017 22:00	187.7
8/24/2017 23:00	149.9
8/25/2017 0:00	180.8
8/25/2017 1:00	154.1
8/25/2017 2:00	170.8

Date & Time	Production Rate (GPM)
8/25/2017 3:00	376.9
8/25/2017 4:00	288.0
8/25/2017 5:00	325.3
8/25/2017 6:00	323.0
8/25/2017 7:00	364.2
8/25/2017 8:00	307.3
8/25/2017 9:00	306.2
8/25/2017 10:00	281.1
8/25/2017 11:00	264.8
8/25/2017 12:00	240.3
8/25/2017 13:00	280.0
8/25/2017 14:00	326.3
8/25/2017 15:00	261.0
8/25/2017 16:00	228.1
8/25/2017 17:00	265.3
8/25/2017 18:00	161.4
8/25/2017 19:00	215.2
8/25/2017 20:00	150.1
8/25/2017 21:00	138.9
8/25/2017 22:00	120.6
8/25/2017 23:00	162.4
8/26/2017 0:00	178.9
8/26/2017 1:00	170.4
8/26/2017 2:00	135.8
8/26/2017 3:00	151.1
8/26/2017 4:00	170.8
8/26/2017 5:00	190.3
8/26/2017 6:00	206.2
8/26/2017 7:00	204.5
8/26/2017 8:00	187.2
8/26/2017 9:00	184.6
8/26/2017 10:00	228.1
8/26/2017 11:00	204.5
8/26/2017 12:00	169.1
8/26/2017 13:00	254.3
8/26/2017 14:00	236.5
8/26/2017 15:00	190.8
8/26/2017 16:00	154.7
8/26/2017 17:00	176.7
8/26/2017 18:00	142.6
8/26/2017 19:00	150.2
8/26/2017 20:00	132.3
8/26/2017 21:00	179.8
8/26/2017 22:00	122.4
8/26/2017 23:00	168.6
8/27/2017 0:00	172.9
8/27/2017 1:00	171.6
8/27/2017 2:00	191.6
8/27/2017 3:00	165.8
8/27/2017 4:00	144.8
8/27/2017 5:00	154.8
8/27/2017 6:00	194.1
8/27/2017 7:00	241.0
8/27/2017 8:00	266.0
8/27/2017 9:00	209.7
8/27/2017 10:00	178.5
8/27/2017 11:00	155.9
8/27/2017 12:00	200.1
8/27/2017 13:00	160.6
8/27/2017 14:00	177.2
8/27/2017 15:00	123.1
8/27/2017 16:00	125.5
8/27/2017 17:00	145.4

Date & Time	Production Rate (GPM)
8/27/2017 18:00	156.6
8/27/2017 19:00	128.0
8/27/2017 20:00	146.5
8/27/2017 21:00	170.3
8/27/2017 22:00	125.4
8/27/2017 23:00	253.7
8/28/2017 0:00	195.5
8/28/2017 1:00	167.6
8/28/2017 2:00	160.8
8/28/2017 3:00	175.0
8/28/2017 4:00	174.3
8/28/2017 5:00	252.6
8/28/2017 6:00	429.8
8/28/2017 7:00	305.1
8/28/2017 8:00	319.2
8/28/2017 9:00	289.3
8/28/2017 10:00	293.7
8/28/2017 11:00	285.7
8/28/2017 12:00	251.3
8/28/2017 13:00	283.0
8/28/2017 14:00	316.0
8/28/2017 15:00	247.6
8/28/2017 16:00	247.9
8/28/2017 17:00	213.7
8/28/2017 18:00	325.2
8/28/2017 19:00	213.6
8/28/2017 20:00	171.2
8/28/2017 21:00	188.0
8/28/2017 22:00	246.3
8/28/2017 23:00	189.2
8/29/2017 0:00	182.7
8/29/2017 1:00	184.4
8/29/2017 2:00	153.9
8/29/2017 3:00	252.2
8/29/2017 4:00	246.1
8/29/2017 5:00	285.6
8/29/2017 6:00	285.9
8/29/2017 7:00	345.9
8/29/2017 8:00	337.4
8/29/2017 9:00	283.1
8/29/2017 10:00	232.7
8/29/2017 11:00	238.0
8/29/2017 12:00	228.6
8/29/2017 13:00	210.0
8/29/2017 14:00	118.7
8/29/2017 15:00	181.9
8/29/2017 16:00	143.2
8/29/2017 17:00	148.2
8/29/2017 18:00	130.2
8/29/2017 19:00	129.5
8/29/2017 20:00	138.3
8/29/2017 21:00	187.3
8/29/2017 22:00	179.2
8/29/2017 23:00	133.1
8/30/2017 0:00	139.9
8/30/2017 1:00	107.4
8/30/2017 2:00	122.4
8/30/2017 3:00	215.6
8/30/2017 4:00	143.4
8/30/2017 5:00	259.0
8/30/2017 6:00	171.5
8/30/2017 7:00	204.6
8/30/2017 8:00	200.4

Date & Time	Production Rate (GPM)
8/30/2017 9:00	178.8
8/30/2017 10:00	153.8
8/30/2017 11:00	197.6
8/30/2017 12:00	138.3
8/30/2017 13:00	171.5
8/30/2017 14:00	111.5
8/30/2017 15:00	112.3
8/30/2017 16:00	121.3
8/30/2017 17:00	275.6
8/30/2017 18:00	275.6
8/30/2017 19:00	123.1
8/30/2017 20:00	123.1
8/30/2017 21:00	145.0
8/30/2017 22:00	161.6
8/30/2017 23:00	137.8
8/31/2017 0:00	131.0
8/31/2017 1:00	113.8
8/31/2017 2:00	201.5
8/31/2017 3:00	126.5
8/31/2017 4:00	193.3
8/31/2017 5:00	175.8
8/31/2017 6:00	232.9
8/31/2017 7:00	354.0
8/31/2017 8:00	213.9
8/31/2017 9:00	170.3
8/31/2017 10:00	211.6
8/31/2017 11:00	160.1
8/31/2017 12:00	174.8
8/31/2017 13:00	181.0
8/31/2017 14:00	140.4
8/31/2017 15:00	125.4
8/31/2017 16:00	182.1
8/31/2017 17:00	147.5
8/31/2017 18:00	155.0
8/31/2017 19:00	152.3
8/31/2017 20:00	179.5
8/31/2017 21:00	208.4
8/31/2017 22:00	142.1
8/31/2017 23:00	137.1
9/1/2017 0:00	173.1
9/1/2017 1:00	348.8
9/1/2017 2:00	240.9
9/1/2017 3:00	296.1
9/1/2017 4:00	312.9
9/1/2017 5:00	266.2
9/1/2017 6:00	316.1
9/1/2017 7:00	318.4
9/1/2017 8:00	263.9
9/1/2017 9:00	350.8
9/1/2017 10:00	212.8
9/1/2017 11:00	187.5
9/1/2017 12:00	179.8
9/1/2017 13:00	185.2
9/1/2017 14:00	154.2
9/1/2017 15:00	198.5
9/1/2017 16:00	175.6
9/1/2017 17:00	210.1
9/1/2017 18:00	236.1
9/1/2017 19:00	230.1
9/1/2017 20:00	172.5
9/1/2017 21:00	254.3
9/1/2017 22:00	223.6
9/1/2017 23:00	145.2

Date & Time	Production Rate (GPM)
9/2/2017 0:00	146.7
9/2/2017 1:00	195.8
9/2/2017 2:00	200.5
9/2/2017 3:00	373.5
9/2/2017 4:00	190.3
9/2/2017 5:00	332.1
9/2/2017 6:00	207.2
9/2/2017 7:00	217.2
9/2/2017 8:00	197.3
9/2/2017 9:00	274.2
9/2/2017 10:00	168.2
9/2/2017 11:00	240.3
9/2/2017 12:00	176.1
9/2/2017 13:00	230.1
9/2/2017 14:00	155.1
9/2/2017 15:00	221.2
9/2/2017 16:00	191.1
9/2/2017 17:00	214.3
9/2/2017 18:00	202.2
9/2/2017 19:00	212.6
9/2/2017 20:00	219.0
9/2/2017 21:00	215.8
9/2/2017 22:00	208.5
9/2/2017 23:00	242.4
9/3/2017 0:00	278.2
9/3/2017 1:00	189.7
9/3/2017 2:00	216.3
9/3/2017 3:00	262.6
9/3/2017 4:00	319.4
9/3/2017 5:00	291.3
9/3/2017 6:00	348.5
9/3/2017 7:00	224.6
9/3/2017 8:00	235.5
9/3/2017 9:00	202.4
9/3/2017 10:00	213.5
9/3/2017 11:00	227.1
9/3/2017 12:00	208.5
9/3/2017 13:00	170.8
9/3/2017 14:00	278.2
9/3/2017 15:00	214.1
9/3/2017 16:00	252.1
9/3/2017 17:00	221.1
9/3/2017 18:00	218.4
9/3/2017 19:00	211.3
9/3/2017 20:00	176.6
9/3/2017 21:00	189.5
9/3/2017 22:00	175.0
9/3/2017 23:00	237.2
9/4/2017 0:00	201.4
9/4/2017 1:00	277.7
9/4/2017 2:00	222.6
9/4/2017 3:00	268.7
9/4/2017 4:00	172.5
9/4/2017 5:00	237.6
9/4/2017 6:00	258.8
9/4/2017 7:00	278.0
9/4/2017 8:00	169.2
9/4/2017 9:00	251.1
9/4/2017 10:00	155.4
9/4/2017 11:00	138.7
9/4/2017 12:00	155.8
9/4/2017 13:00	197.2
9/4/2017 14:00	190.6

Date & Time	Production Rate (GPM)
9/4/2017 15:00	151.2
9/4/2017 16:00	168.2
9/4/2017 17:00	155.6
9/4/2017 18:00	140.7
9/4/2017 19:00	189.2
9/4/2017 20:00	185.0
9/4/2017 21:00	258.8
9/4/2017 22:00	279.7
9/4/2017 23:00	213.5
9/5/2017 0:00	196.2
9/5/2017 1:00	271.9
9/5/2017 2:00	185.9
9/5/2017 3:00	188.8
9/5/2017 4:00	189.5
9/5/2017 5:00	209.7
9/5/2017 6:00	394.8
9/5/2017 7:00	298.3
9/5/2017 8:00	365.3
9/5/2017 9:00	209.1
9/5/2017 10:00	165.4
9/5/2017 11:00	167.6
9/5/2017 12:00	254.4
9/5/2017 13:00	143.8
9/5/2017 14:00	144.2
9/5/2017 15:00	150.5
9/5/2017 16:00	165.9
9/5/2017 17:00	182.0
9/5/2017 18:00	146.7
9/5/2017 19:00	125.0
9/5/2017 20:00	214.9
9/5/2017 21:00	161.8
9/5/2017 22:00	112.7
9/5/2017 23:00	136.1
9/6/2017 0:00	135.9
9/6/2017 1:00	130.5
9/6/2017 2:00	141.1
9/6/2017 3:00	306.4
9/6/2017 4:00	276.1
9/6/2017 5:00	372.7
9/6/2017 6:00	256.7
9/6/2017 7:00	253.8
9/6/2017 8:00	197.5
9/6/2017 9:00	325.0
9/6/2017 10:00	175.1
9/6/2017 11:00	188.8
9/6/2017 12:00	171.5
9/6/2017 13:00	239.4
9/6/2017 14:00	126.0
9/6/2017 15:00	117.7
9/6/2017 16:00	141.0
9/6/2017 17:00	153.3
9/6/2017 18:00	225.5
9/6/2017 19:00	124.4
9/6/2017 20:00	138.3
9/6/2017 21:00	149.1
9/6/2017 22:00	139.3
9/6/2017 23:00	125.1
9/7/2017 0:00	120.0
9/7/2017 1:00	280.3
9/7/2017 2:00	137.7
9/7/2017 3:00	282.5
9/7/2017 4:00	108.3
9/7/2017 5:00	290.9

Date & Time	Production Rate (GPM)
9/7/2017 6:00	225.7
9/7/2017 7:00	384.9
9/7/2017 8:00	241.0
9/7/2017 9:00	321.5
9/7/2017 10:00	154.9
9/7/2017 11:00	164.5
9/7/2017 12:00	170.5
9/7/2017 13:00	279.6
9/7/2017 14:00	240.3
9/7/2017 15:00	117.3
9/7/2017 16:00	126.7
9/7/2017 17:00	190.8
9/7/2017 18:00	189.4
9/7/2017 19:00	132.4
9/7/2017 20:00	138.7
9/7/2017 21:00	138.9
9/7/2017 22:00	127.3
9/7/2017 23:00	176.4
9/8/2017 0:00	89.9
9/8/2017 1:00	233.1
9/8/2017 2:00	115.7
9/8/2017 3:00	130.5
9/8/2017 4:00	149.9
9/8/2017 5:00	164.0
9/8/2017 6:00	197.8
9/8/2017 7:00	218.4
9/8/2017 8:00	263.3
9/8/2017 9:00	212.2
9/8/2017 10:00	189.1
9/8/2017 11:00	172.8
9/8/2017 12:00	207.1
9/8/2017 13:00	307.3
9/8/2017 14:00	268.9
9/8/2017 15:00	109.3
9/8/2017 16:00	116.0
9/8/2017 17:00	172.4
9/8/2017 18:00	173.1
9/8/2017 19:00	180.5
9/8/2017 20:00	181.3
9/8/2017 21:00	205.4
9/8/2017 22:00	154.4
9/8/2017 23:00	171.4
9/9/2017 0:00	123.8
9/9/2017 1:00	128.7
9/9/2017 2:00	131.8
9/9/2017 3:00	119.0
9/9/2017 4:00	128.6
9/9/2017 5:00	204.9
9/9/2017 6:00	205.5
9/9/2017 7:00	160.0
9/9/2017 8:00	278.1
9/9/2017 9:00	226.3
9/9/2017 10:00	189.2
9/9/2017 11:00	224.5
9/9/2017 12:00	154.8
9/9/2017 13:00	181.8
9/9/2017 14:00	192.7
9/9/2017 15:00	151.1
9/9/2017 16:00	177.2
9/9/2017 17:00	123.8
9/9/2017 18:00	123.6
9/9/2017 19:00	162.2
9/9/2017 20:00	217.7

Date & Time	Production Rate (GPM)
9/9/2017 21:00	124.2
9/9/2017 22:00	156.0
9/9/2017 23:00	123.3
9/10/2017 0:00	154.1
9/10/2017 1:00	255.9
9/10/2017 2:00	178.8
9/10/2017 3:00	247.8
9/10/2017 4:00	252.4
9/10/2017 5:00	235.4
9/10/2017 6:00	242.1
9/10/2017 7:00	231.6
9/10/2017 8:00	238.8
9/10/2017 9:00	200.0
9/10/2017 10:00	245.7
9/10/2017 11:00	176.6
9/10/2017 12:00	215.9
9/10/2017 13:00	151.0
9/10/2017 14:00	222.6
9/10/2017 15:00	141.6
9/10/2017 16:00	128.6
9/10/2017 17:00	139.6
9/10/2017 18:00	128.6
9/10/2017 19:00	126.5
9/10/2017 20:00	138.7
9/10/2017 21:00	139.0
9/10/2017 22:00	130.9
9/10/2017 23:00	183.9
9/11/2017 0:00	134.1
9/11/2017 1:00	323.4
9/11/2017 2:00	310.8
9/11/2017 3:00	283.2
9/11/2017 4:00	302.7
9/11/2017 5:00	259.1
9/11/2017 6:00	187.2
9/11/2017 7:00	243.1
9/11/2017 8:00	333.7
9/11/2017 9:00	180.7
9/11/2017 10:00	158.6
9/11/2017 11:00	189.4
9/11/2017 12:00	205.7
9/11/2017 13:00	132.6
9/11/2017 14:00	130.3
9/11/2017 15:00	172.5
9/11/2017 16:00	141.0
9/11/2017 17:00	140.4
9/11/2017 18:00	138.1
9/11/2017 19:00	129.9
9/11/2017 20:00	152.4
9/11/2017 21:00	160.9
9/11/2017 22:00	132.2
9/11/2017 23:00	171.6
9/12/2017 0:00	130.2
9/12/2017 1:00	155.3
9/12/2017 2:00	194.1
9/12/2017 3:00	325.6
9/12/2017 4:00	328.6
9/12/2017 5:00	304.9
9/12/2017 6:00	221.2
9/12/2017 7:00	270.3
9/12/2017 8:00	317.3
9/12/2017 9:00	179.9
9/12/2017 10:00	210.2
9/12/2017 11:00	192.6

Date & Time	Production Rate (GPM)
9/12/2017 12:00	208.0
9/12/2017 13:00	316.6
9/12/2017 14:00	117.9
9/12/2017 15:00	201.8
9/12/2017 16:00	159.0
9/12/2017 17:00	135.5
9/12/2017 18:00	160.5
9/12/2017 19:00	215.6
9/12/2017 20:00	167.1
9/12/2017 21:00	127.6
9/12/2017 22:00	125.7
9/12/2017 23:00	122.4
9/13/2017 0:00	132.9
9/13/2017 1:00	128.6
9/13/2017 2:00	188.1
9/13/2017 3:00	124.4
9/13/2017 4:00	192.6
9/13/2017 5:00	333.6
9/13/2017 6:00	196.6
9/13/2017 7:00	242.6
9/13/2017 8:00	254.9
9/13/2017 9:00	149.5
9/13/2017 10:00	130.6
9/13/2017 11:00	146.5
9/13/2017 12:00	102.7
9/13/2017 13:00	127.3
9/13/2017 14:00	121.3
9/13/2017 15:00	102.1
9/13/2017 16:00	108.4
9/13/2017 17:00	130.2
9/13/2017 18:00	88.7
9/13/2017 19:00	81.6
9/13/2017 20:00	113.2
9/13/2017 21:00	127.4
9/13/2017 22:00	117.5
9/13/2017 23:00	87.1
9/14/2017 0:00	86.4
9/14/2017 1:00	75.1
9/14/2017 2:00	90.8
9/14/2017 3:00	84.5
9/14/2017 4:00	88.2
9/14/2017 5:00	382.0
9/14/2017 6:00	199.5
9/14/2017 7:00	215.2
9/14/2017 8:00	180.5
9/14/2017 9:00	260.4
9/14/2017 10:00	193.3
9/14/2017 11:00	231.3
9/14/2017 12:00	163.2
9/14/2017 13:00	233.3
9/14/2017 14:00	158.0
9/14/2017 15:00	226.6
9/14/2017 16:00	195.6
9/14/2017 17:00	179.8
9/14/2017 18:00	182.4
9/14/2017 19:00	126.7
9/14/2017 20:00	269.0
9/14/2017 21:00	289.9
9/14/2017 22:00	274.1
9/14/2017 23:00	274.8
9/15/2017 0:00	264.4
9/15/2017 1:00	279.3
9/15/2017 2:00	254.8

Date & Time	Production Rate (GPM)
9/15/2017 3:00	124.8
9/15/2017 4:00	113.0
9/15/2017 5:00	147.0
9/15/2017 6:00	354.6
9/15/2017 7:00	390.7
9/15/2017 8:00	146.2
9/15/2017 9:00	193.6
9/15/2017 10:00	143.1
9/15/2017 11:00	158.1
9/15/2017 12:00	194.6
9/15/2017 13:00	203.5
9/15/2017 14:00	167.1
9/15/2017 15:00	136.5
9/15/2017 16:00	154.4
9/15/2017 17:00	154.1
9/15/2017 18:00	184.9
9/15/2017 19:00	142.1
9/15/2017 20:00	126.0
9/15/2017 21:00	186.3
9/15/2017 22:00	223.0
9/15/2017 23:00	147.3
9/16/2017 0:00	104.4
9/16/2017 1:00	115.6
9/16/2017 2:00	172.2
9/16/2017 3:00	115.3
9/16/2017 4:00	138.9
9/16/2017 5:00	135.3
9/16/2017 6:00	154.1
9/16/2017 7:00	121.8
9/16/2017 8:00	177.1
9/16/2017 9:00	164.8
9/16/2017 10:00	239.5
9/16/2017 11:00	389.7
9/16/2017 12:00	137.1
9/16/2017 13:00	233.0
9/16/2017 14:00	268.9
9/16/2017 15:00	279.3
9/16/2017 16:00	247.3
9/16/2017 17:00	155.7
9/16/2017 18:00	311.9
9/16/2017 19:00	262.5
9/16/2017 20:00	149.2
9/16/2017 21:00	212.6
9/16/2017 22:00	185.7
9/16/2017 23:00	151.9
9/17/2017 0:00	175.0
9/17/2017 1:00	123.3
9/17/2017 2:00	150.2
9/17/2017 3:00	154.6
9/17/2017 4:00	124.3
9/17/2017 5:00	100.2
9/17/2017 6:00	132.2
9/17/2017 7:00	177.9
9/17/2017 8:00	236.2
9/17/2017 9:00	201.3
9/17/2017 10:00	250.8
9/17/2017 11:00	195.7
9/17/2017 12:00	316.4
9/17/2017 13:00	181.1
9/17/2017 14:00	175.0
9/17/2017 15:00	183.4
9/17/2017 16:00	179.9
9/17/2017 17:00	141.5

Date & Time	Production Rate (GPM)
9/17/2017 18:00	147.1
9/17/2017 19:00	175.8
9/17/2017 20:00	160.4
9/17/2017 21:00	138.8
9/17/2017 22:00	130.8
9/17/2017 23:00	324.5
9/18/2017 0:00	275.7
9/18/2017 1:00	281.3
9/18/2017 2:00	248.2
9/18/2017 3:00	140.2
9/18/2017 4:00	139.7
9/18/2017 5:00	246.2
9/18/2017 6:00	270.1
9/18/2017 7:00	270.0
9/18/2017 8:00	241.2
9/18/2017 9:00	244.2
9/18/2017 10:00	192.4
9/18/2017 11:00	190.5
9/18/2017 12:00	242.7
9/18/2017 13:00	230.0
9/18/2017 14:00	159.2
9/18/2017 15:00	184.4
9/18/2017 16:00	190.2
9/18/2017 17:00	238.1
9/18/2017 18:00	237.7
9/18/2017 19:00	233.8
9/18/2017 20:00	211.6
9/18/2017 21:00	173.2
9/18/2017 22:00	202.1
9/18/2017 23:00	120.0
9/19/2017 0:00	152.9
9/19/2017 1:00	120.6
9/19/2017 2:00	139.3
9/19/2017 3:00	157.6
9/19/2017 4:00	142.1
9/19/2017 5:00	179.9
9/19/2017 6:00	274.6
9/19/2017 7:00	254.4
9/19/2017 8:00	387.9
9/19/2017 9:00	398.8
9/19/2017 10:00	348.2
9/19/2017 11:00	378.8
9/19/2017 12:00	418.0
9/19/2017 13:00	512.7
9/19/2017 14:00	468.2
9/19/2017 15:00	372.0
9/19/2017 16:00	355.7
9/19/2017 17:00	488.3
9/19/2017 18:00	374.3
9/19/2017 19:00	314.1
9/19/2017 20:00	192.4
9/19/2017 21:00	212.0
9/19/2017 22:00	188.5
9/19/2017 23:00	241.9
9/20/2017 0:00	112.3
9/20/2017 1:00	172.7
9/20/2017 2:00	176.8
9/20/2017 3:00	152.4
9/20/2017 4:00	218.8
9/20/2017 5:00	210.5
9/20/2017 6:00	393.9
9/20/2017 7:00	548.6
9/20/2017 8:00	548.2

Date & Time	Production Rate (GPM)
9/20/2017 9:00	557.9
9/20/2017 10:00	559.4
9/20/2017 11:00	474.9
9/20/2017 12:00	469.4
9/20/2017 13:00	375.2
9/20/2017 14:00	478.4
9/20/2017 15:00	382.9
9/20/2017 16:00	323.8
9/20/2017 17:00	341.4
9/20/2017 18:00	365.9
9/20/2017 19:00	400.6
9/20/2017 20:00	240.9
9/20/2017 21:00	265.4
9/20/2017 22:00	250.6
9/20/2017 23:00	153.5
9/21/2017 0:00	164.3
9/21/2017 1:00	149.9
9/21/2017 2:00	148.3
9/21/2017 3:00	218.0
9/21/2017 4:00	280.0
9/21/2017 5:00	217.4
9/21/2017 6:00	409.4
9/21/2017 7:00	577.6
9/21/2017 8:00	524.0
9/21/2017 9:00	492.1
9/21/2017 10:00	506.4
9/21/2017 11:00	360.5
9/21/2017 12:00	413.6
9/21/2017 13:00	314.6
9/21/2017 14:00	295.4
9/21/2017 15:00	466.2
9/21/2017 16:00	226.2
9/21/2017 17:00	372.5
9/21/2017 18:00	343.7
9/21/2017 19:00	313.8
9/21/2017 20:00	329.3
9/21/2017 21:00	297.0
9/21/2017 22:00	233.9
9/21/2017 23:00	288.7
9/22/2017 0:00	161.9
9/22/2017 1:00	273.2
9/22/2017 2:00	168.2
9/22/2017 3:00	239.1
9/22/2017 4:00	183.1
9/22/2017 5:00	394.8
9/22/2017 6:00	493.8
9/22/2017 7:00	627.3
9/22/2017 8:00	617.4
9/22/2017 9:00	589.7
9/22/2017 10:00	643.1
9/22/2017 11:00	648.1
9/22/2017 12:00	624.8
9/22/2017 13:00	412.1
9/22/2017 14:00	528.4
9/22/2017 15:00	414.2
9/22/2017 16:00	555.2
9/22/2017 17:00	437.5
9/22/2017 18:00	371.2
9/22/2017 19:00	248.5
9/22/2017 20:00	288.3
9/22/2017 21:00	298.1
9/22/2017 22:00	329.4
9/22/2017 23:00	358.7

Date & Time	Production Rate (GPM)
9/23/2017 0:00	326.7
9/23/2017 1:00	314.1
9/23/2017 2:00	310.9
9/23/2017 3:00	305.8
9/23/2017 4:00	340.0
9/23/2017 5:00	414.7
9/23/2017 6:00	359.6
9/23/2017 7:00	505.9
9/23/2017 8:00	492.9
9/23/2017 9:00	315.6
9/23/2017 10:00	394.7
9/23/2017 11:00	363.1
9/23/2017 12:00	394.0
9/23/2017 13:00	357.5
9/23/2017 14:00	279.9
9/23/2017 15:00	250.0
9/23/2017 16:00	333.1
9/23/2017 17:00	339.3
9/23/2017 18:00	260.3
9/23/2017 19:00	227.8
9/23/2017 20:00	430.9
9/23/2017 21:00	313.2
9/23/2017 22:00	250.1
9/23/2017 23:00	204.6
9/24/2017 0:00	269.9
9/24/2017 1:00	349.6
9/24/2017 2:00	379.4
9/24/2017 3:00	343.8
9/24/2017 4:00	316.5
9/24/2017 5:00	333.8
9/24/2017 6:00	382.1
9/24/2017 7:00	379.4
9/24/2017 8:00	457.5
9/24/2017 9:00	424.3
9/24/2017 10:00	311.6
9/24/2017 11:00	372.1
9/24/2017 12:00	276.7
9/24/2017 13:00	246.9
9/24/2017 14:00	324.4
9/24/2017 15:00	329.5
9/24/2017 16:00	251.9
9/24/2017 17:00	272.1
9/24/2017 18:00	212.3
9/24/2017 19:00	193.5
9/24/2017 20:00	327.9
9/24/2017 21:00	319.2
9/24/2017 22:00	277.4
9/24/2017 23:00	297.8

Date & Time	Production Rate (GPM)
9/25/2017 0:00	270.7
9/25/2017 1:00	422.9
9/25/2017 2:00	279.3
9/25/2017 3:00	364.9
9/25/2017 4:00	357.4
9/25/2017 5:00	426.9
9/25/2017 6:00	509.8
9/25/2017 7:00	824.4
9/25/2017 8:00	787.3
9/25/2017 9:00	560.0
9/25/2017 10:00	610.7
9/25/2017 11:00	499.1
9/25/2017 12:00	229.2
9/25/2017 13:00	328.9
9/25/2017 14:00	345.4
9/25/2017 15:00	380.2
9/25/2017 16:00	387.9
9/25/2017 17:00	448.0
9/25/2017 18:00	209.8
9/25/2017 19:00	315.7
9/25/2017 20:00	193.5
9/25/2017 21:00	313.3
9/25/2017 22:00	240.7
9/25/2017 23:00	210.3
9/26/2017 0:00	209.1
9/26/2017 1:00	286.7
9/26/2017 2:00	216.5
9/26/2017 3:00	268.7
9/26/2017 4:00	282.2
9/26/2017 5:00	253.8
9/26/2017 6:00	423.4
9/26/2017 7:00	678.2
9/26/2017 8:00	686.4
9/26/2017 9:00	417.0
9/26/2017 10:00	542.2
9/26/2017 11:00	385.2
9/26/2017 12:00	228.4
9/26/2017 13:00	354.5
9/26/2017 14:00	304.4
9/26/2017 15:00	184.6
9/26/2017 16:00	196.5
9/26/2017 17:00	272.0
9/26/2017 18:00	204.6
9/26/2017 19:00	223.3
9/26/2017 20:00	221.7
9/26/2017 21:00	178.1
9/26/2017 22:00	160.5
9/26/2017 23:00	338.5

Date & Time	Production Rate (GPM)
9/27/2017 0:00	198.3
9/27/2017 1:00	208.5
9/27/2017 2:00	198.8
9/27/2017 3:00	240.6
9/27/2017 4:00	217.2
9/27/2017 5:00	313.1
9/27/2017 6:00	652.5
9/27/2017 7:00	627.7
9/27/2017 8:00	602.5
9/27/2017 9:00	581.2
9/27/2017 10:00	427.9
9/27/2017 11:00	297.6
9/27/2017 12:00	200.9
9/27/2017 13:00	190.9
9/27/2017 14:00	192.8
9/27/2017 15:00	184.1
9/27/2017 16:00	163.0
9/27/2017 17:00	183.1
9/27/2017 18:00	228.5
9/27/2017 19:00	186.7
9/27/2017 20:00	280.6
9/27/2017 21:00	186.0
9/27/2017 22:00	184.6
9/27/2017 23:00	173.0
9/28/2017 0:00	329.4
9/28/2017 1:00	183.7
9/28/2017 2:00	199.1
9/28/2017 3:00	205.6
9/28/2017 4:00	197.6
9/28/2017 5:00	341.6
9/28/2017 6:00	503.9
9/28/2017 7:00	635.1
9/28/2017 8:00	542.1
9/28/2017 9:00	426.5
9/28/2017 10:00	490.0
9/28/2017 11:00	258.2
9/28/2017 12:00	409.0
9/28/2017 13:00	247.1
9/28/2017 14:00	161.2
9/28/2017 15:00	186.9
9/28/2017 16:00	201.1
9/28/2017 17:00	172.6
9/28/2017 18:00	199.6
9/28/2017 19:00	170.0
9/28/2017 20:00	202.7
9/28/2017 21:00	241.4
9/28/2017 22:00	201.1
9/28/2017 23:00	168.3

Date & Time	Production Rate (GPM)
9/29/2017 0:00	483.7
9/29/2017 1:00	174.6
9/29/2017 2:00	228.7
9/29/2017 3:00	223.0
9/29/2017 4:00	225.9
9/29/2017 5:00	326.1
9/29/2017 6:00	428.2
9/29/2017 7:00	512.7
9/29/2017 8:00	375.8
9/29/2017 9:00	409.9
9/29/2017 10:00	347.7
9/29/2017 11:00	234.6
9/29/2017 12:00	319.9
9/29/2017 13:00	229.2
9/29/2017 14:00	251.7
9/29/2017 15:00	231.8
9/29/2017 16:00	206.1
9/29/2017 17:00	228.5
9/29/2017 18:00	215.8
9/29/2017 19:00	230.4
9/29/2017 20:00	235.4
9/29/2017 21:00	287.1
9/29/2017 22:00	228.7
9/29/2017 23:00	193.3
9/30/2017 0:00	153.4
9/30/2017 1:00	218.9
9/30/2017 2:00	228.5
9/30/2017 3:00	191.4
9/30/2017 4:00	220.4
9/30/2017 5:00	177.4
9/30/2017 6:00	183.5
9/30/2017 7:00	267.5
9/30/2017 8:00	392.9
9/30/2017 9:00	289.3
9/30/2017 10:00	284.0
9/30/2017 11:00	272.0
9/30/2017 12:00	226.9
9/30/2017 13:00	245.2
9/30/2017 14:00	287.7
9/30/2017 15:00	227.1
9/30/2017 16:00	258.5
9/30/2017 17:00	258.7
9/30/2017 18:00	214.7
9/30/2017 19:00	242.0
9/30/2017 20:00	232.0
9/30/2017 21:00	246.3
9/30/2017 22:00	227.5
9/30/2017 23:00	236.1

Attachment G

Heating Degree Day Data

50-Year Heating Degree Day Data for Boise, Idaho													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Season
1966-1967	476	654	1039	885	742	707	627	279	79	0	0	49	5537
1967-1968	434	723	1146	1092	688	586	555	235	58	0	59	119	5695
1968-1969	382	684	918	945	797	689	432	147	75	3	13	91	5176
1969-1970	585	751	935	886	659	724	631	249	79	0	0	240	5739
1970-1971	537	650	969	958	765	763	465	176	78	10	6	210	5587
1971-1972	492	753	1069	1047	818	598	543	194	45	11	0	222	5792
1972-1973	406	727	1269	1056	708	673	470	182	91	4	13	103	5702
1973-1974	382	692	817	1099	728	687	452	304	42	10	11	53	5277
1974-1975	391	689	983	1132	782	721	607	275	76	6	21	74	5757
1975-1976	399	759	1035	1013	886	858	524	189	132	3	36	76	5910
1976-1977	434	720	1097	1418	868	772	342	358	7	8	32	145	6201
1977-1978	362	758	853	859	744	500	488	329	74	5	38	173	5183
1978-1979	370	841	1171	1503	855	668	481	241	72	5	2	26	6235
1979-1980	326	903	899	1070	725	736	367	257	133	0	41	104	5561
1980-1981	409	750	983	957	783	631	432	315	97	15	5	137	5514
1981-1982	497	624	915	1238	974	729	586	312	86	27	2	182	6172
1982-1983	432	863	1030	897	653	622	530	309	82	38	0	145	5601
1983-1984	338	682	1290	1352	1004	710	566	328	162	0	8	204	6644
1984-1985	557	771	1299	1412	1093	895	398	226	53	0	26	259	6989
1985-1986	509	1113	1619	1097	668	522	499	280	15	35	2	259	6618
1986-1987	376	733	1141	1149	761	639	287	140	41	23	18	86	5394
1987-1988	306	722	990	1198	780	686	359	261	59	4	5	157	5527
1988-1989	178	724	1169	1242	1165	656	356	276	30	0	29	97	5922
1989-1990	421	759	1064	951	858	633	303	286	82	6	10	26	5399
1990-1991	430	710	1445	1252	651	676	493	306	100	0	0	55	6118
1991-1992	409	822	1026	982	657	492	308	92	54	6	40	118	5006
1992-1993	340	907	1124	1239	1004	715	501	140	155	53	45	124	6347
1993-1994	367	960	975	993	839	579	378	148	64	9	1	34	5347
1994-1995	449	967	1066	887	652	657	499	255	111	5	23	86	5657
1995-1996	485	610	984	1000	859	636	447	292	55	1	6	162	5537
1996-1997	405	703	883	1013	783	601	473	128	41	18	0	61	5109
1997-1998	410	651	1040	803	684	635	452	270	85	0	0	51	5081
1998-1999	408	635	1058	914	778	652	520	311	95	8	13	101	5493
1999-2000	324	535	1017	949	673	663	315	179	41	4	0	128	4828
2000-2001	389	960	1044	1165	867	585	504	191	69	6	0	23	5803
2001-2002	355	626	1056	1034	863	747	429	234	65	0	2	95	5506
2002-2003	474	725	849	809	780	567	462	262	28	0	0	71	5027
2003-2004	257	814	856	1128	866	515	328	206	45	0	10	95	5120
2004-2005	351	796	909	990	779	591	430	183	102	0	3	104	5238
2005-2006	344	819	1092	878	840	695	390	189	9	0	10	104	5370
2006-2007	419	641	1024	1101	725	510	395	142	36	0	0	100	5093
2007-2008	400	716	1003	1106	833	741	546	177	98	0	7	49	5676
2008-2009	363	634	1032	1037	779	716	430	187	24	0	14	40	5256
2009-2010	505	701	1179	847	686	623	477	356	52	4	20	46	5496
2010-2011	269	776	922	1026	819	641	557	296	89	0	0	10	5405
2011-2012	338	741	1037	928	765	547	327	217	64	0	0	17	4981
2012-2013	358	605	895	1402	820	610	445	162	35	0	0	91	5423
2013-2014	452	751	1264	1063	719	588	431	150	36	0	4	52	5510
2014-2015	213	870	850	1024	582	467	407	117	2	0	0	60	4592
2015-2016	185	827	1023	966	688	535	254	143	37	8	0	89	4755
2016-2017	268	540	1284	1345	753	492	460	215	45	0	0	131	5533

source: <http://w2.weather.gov/climate/xmacis.php?wfo=boi>

2000 -2017 Adjusted Diversion Volumes Based on 50-year Maximum Heating Degree Day

2000 - 2017 Adjusted Diversion Volumes Based on 30-year Maximum Heating Degree Day																
Heating Degree Days*															Diversion Volume (Mgal)	Adjusted Diversion Volume (Mgal)
Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Season	Coldest year HDD (1985)		
1999-2000	324	535	1017	949	673	663	315	179	41	4	0	128	4828	6989	177.7	257.3
2000-2001	389	960	1044	1165	867	585	504	191	69	6	0	23	5803	6989	182.6	220.0
2001-2002	355	626	1056	1034	863	747	429	234	65	0	2	95	5506	6989	170.9	216.9
2002-2003	474	725	849	809	780	567	462	262	28	0	0	71	5027	6989	180.1	250.4
2003-2004	257	814	856	1128	866	515	328	206	45	0	10	95	5120	6989	187.0	255.3
2004-2005	351	796	909	990	779	591	430	183	102	0	3	104	5238	6989	195.1	260.3
2005-2006	344	819	1092	878	840	695	390	189	9	0	10	104	5370	6989	186.7	243.0
2006-2007	419	641	1024	1101	725	510	395	142	36	0	0	100	5093	6989	178.4	244.9
2007-2008	400	716	1003	1106	833	741	546	177	98	0	7	49	5676	6989	194.3	239.2
2008-2009	363	634	1032	1037	779	716	430	187	24	0	14	40	5256	6989	191.2	254.3
2009-2010	505	701	1179	847	686	623	477	356	52	4	20	46	5496	6989	201.7	256.5
2010-2011	269	776	922	1026	819	641	557	296	89	0	0	10	5405	6989	218.3	282.3
2011-2012	338	741	1037	928	765	547	327	217	64	0	0	17	4981	6989	235.8	330.8
2012-2013	358	605	895	1402	820	610	445	162	35	0	0	91	5423	6989	266.5	343.5
2013-2014	452	751	1264	1063	719	588	431	150	36	0	4	52	5510	6989	276.0	350.1
2014-2015	213	870	850	1024	582	467	407	117	2	0	0	60	4592	6989	245.7	374.0
2015-2016	185	827	1023	966	688	535	254	143	37	8	0	89	4755	6989	228.0	335.1
2016-2017	268	540	1284	1345	753	492	460	215	45	0	0	131	5533	6989	292.4	369.3

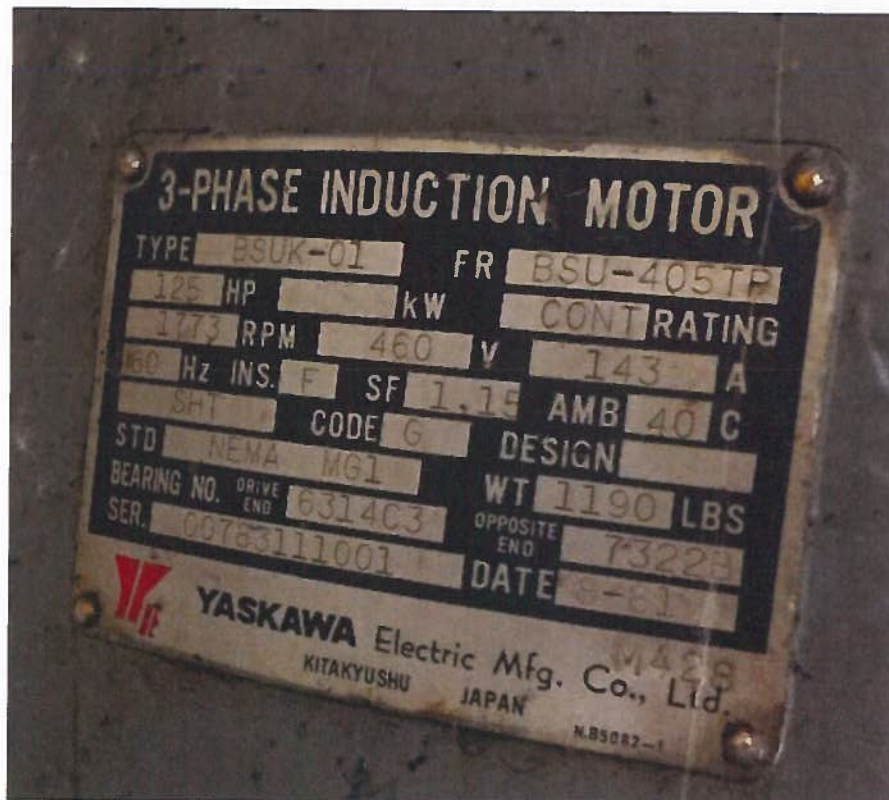
*Data collected from NOAA, National Weather Service for Boise, ID. (<http://w2.weather.gov/climate/index.php?wfo=boi>)

Attachment H

Exam Photos



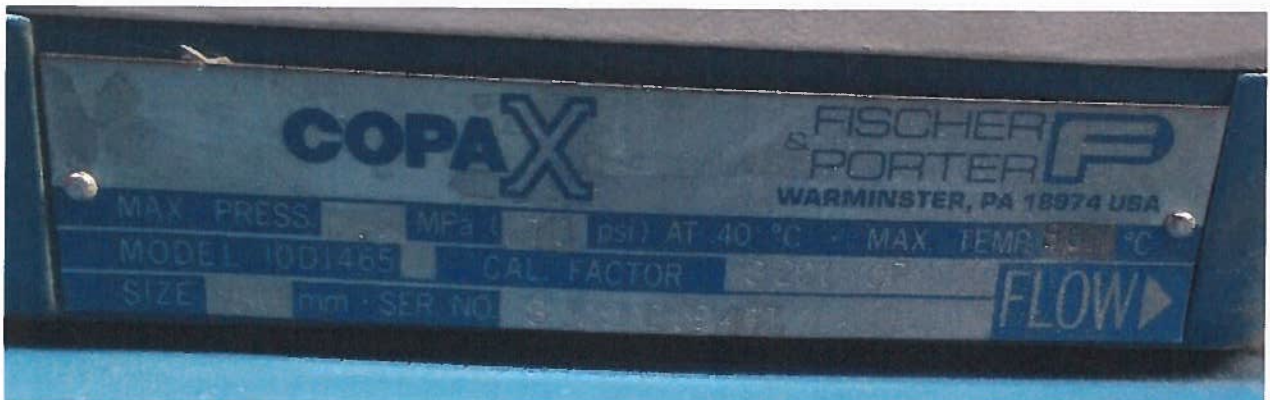
Production Well 2 with 125-hp vertical turbine pump



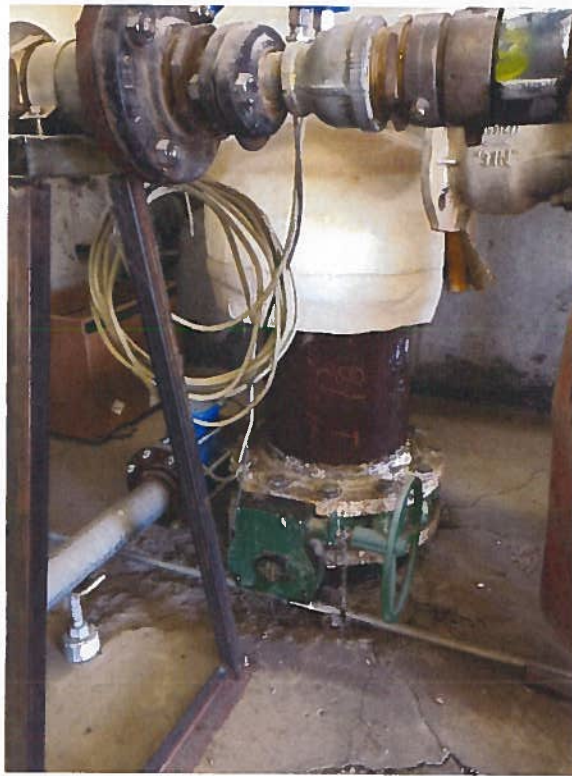
Well 2 motor name plate



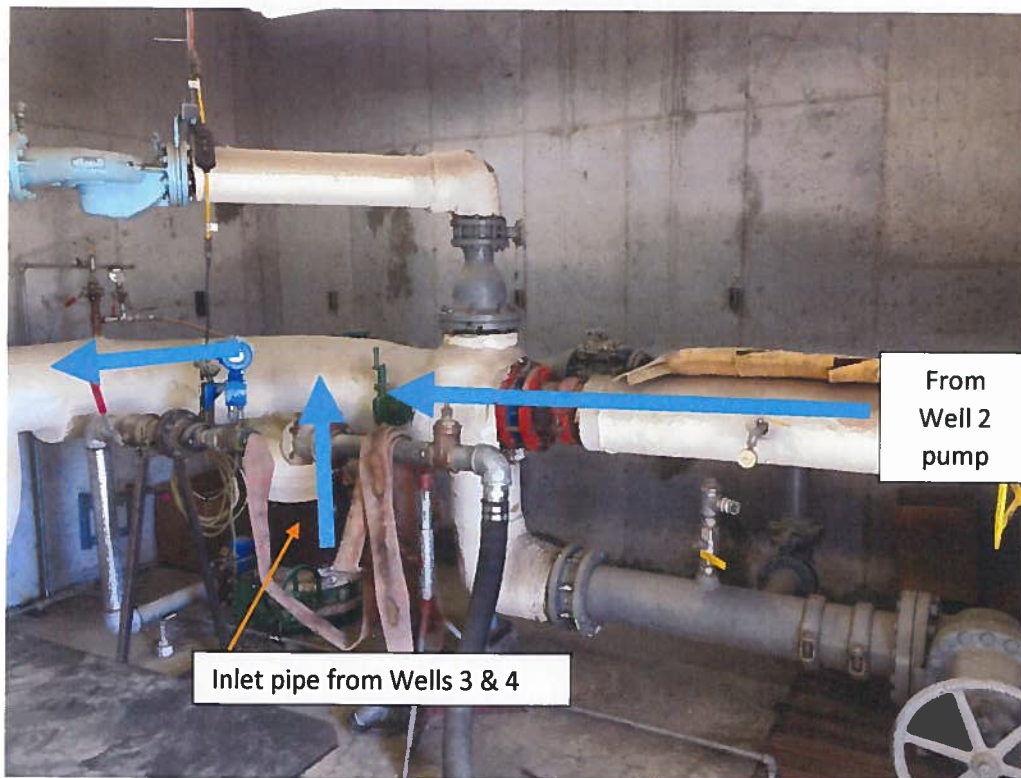
Fischer Porter flow meter. Flow meter in the Well 2 well house measures the combined flow from Wells 2, 3, and 4.



Flow meter name plate



Inlet pipe from Wells 3 & 4 in Well 2 well house



Well 2 well house mechanical piping; blue arrows show direction of flow.



Well 2 well house mechanical piping; blue arrows show direction of flow.



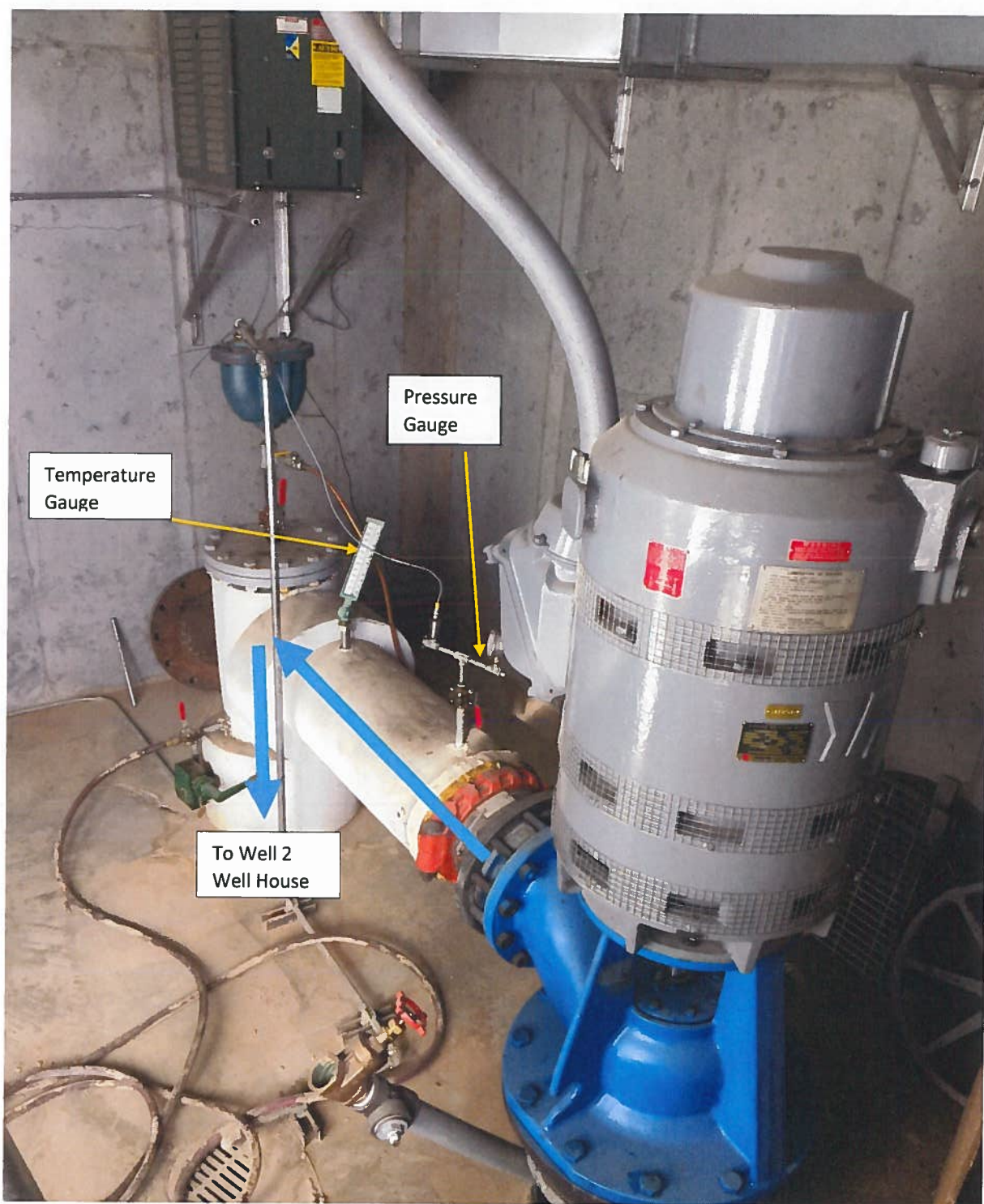
Well 2 well house mechanical piping; blue arrows show direction of flow.



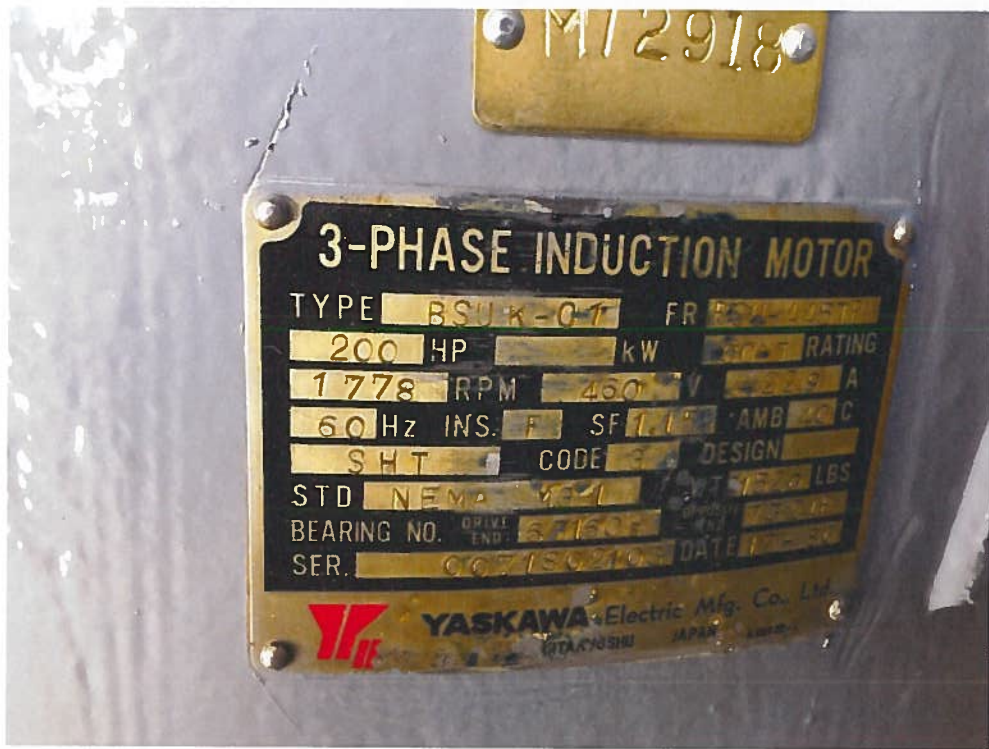
Well 2 pump VFD control panel



Well 2 well house



Production Well 3 and 200-hp vertical turbine pump



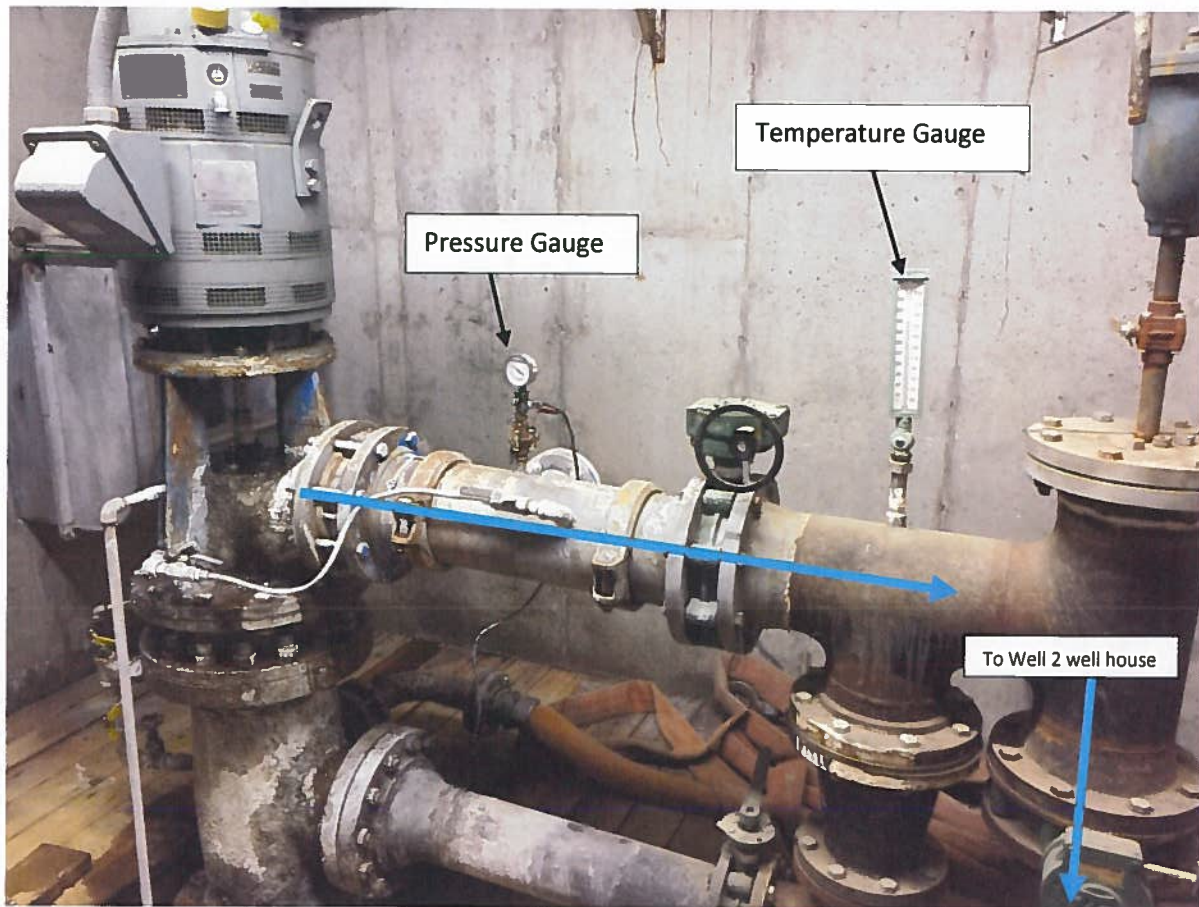
Well 3 pump motor name plate



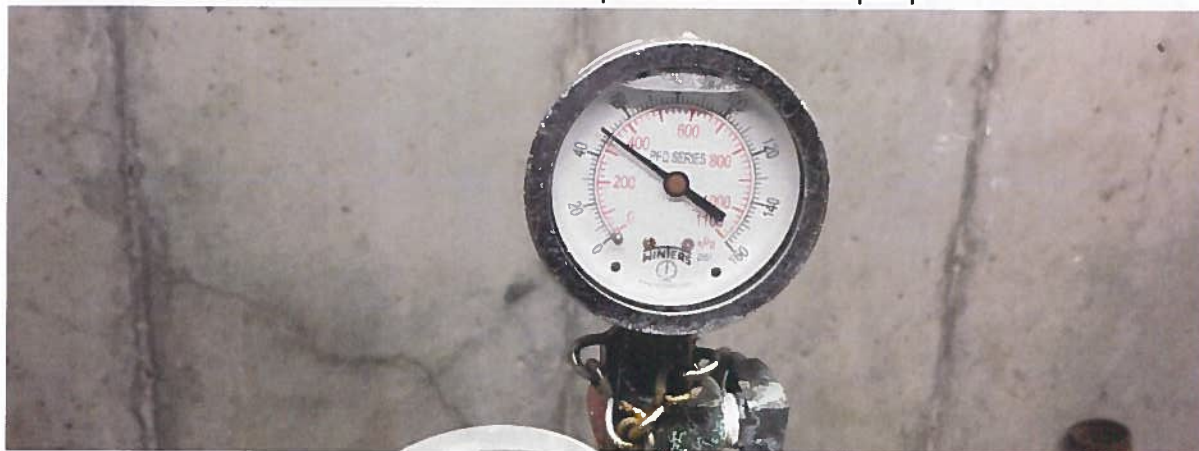
Well 3 VFD control panel



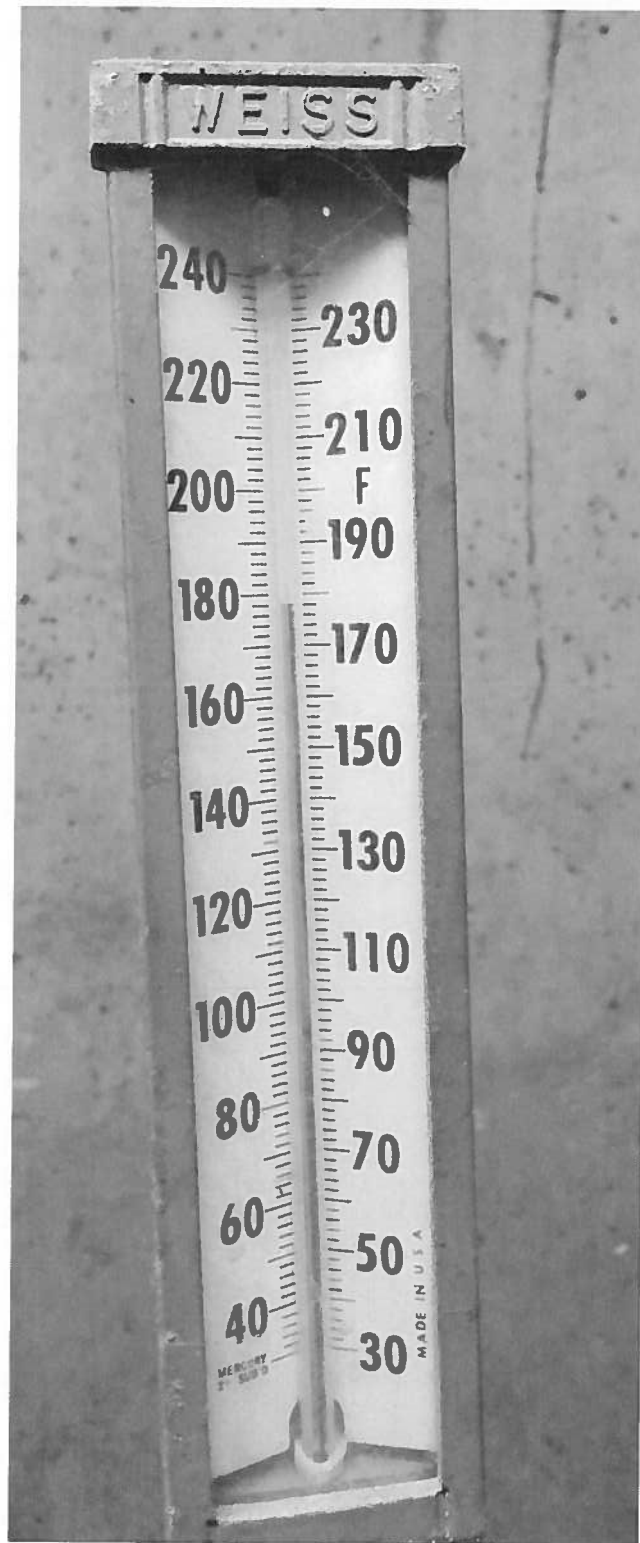
Well 3 well house



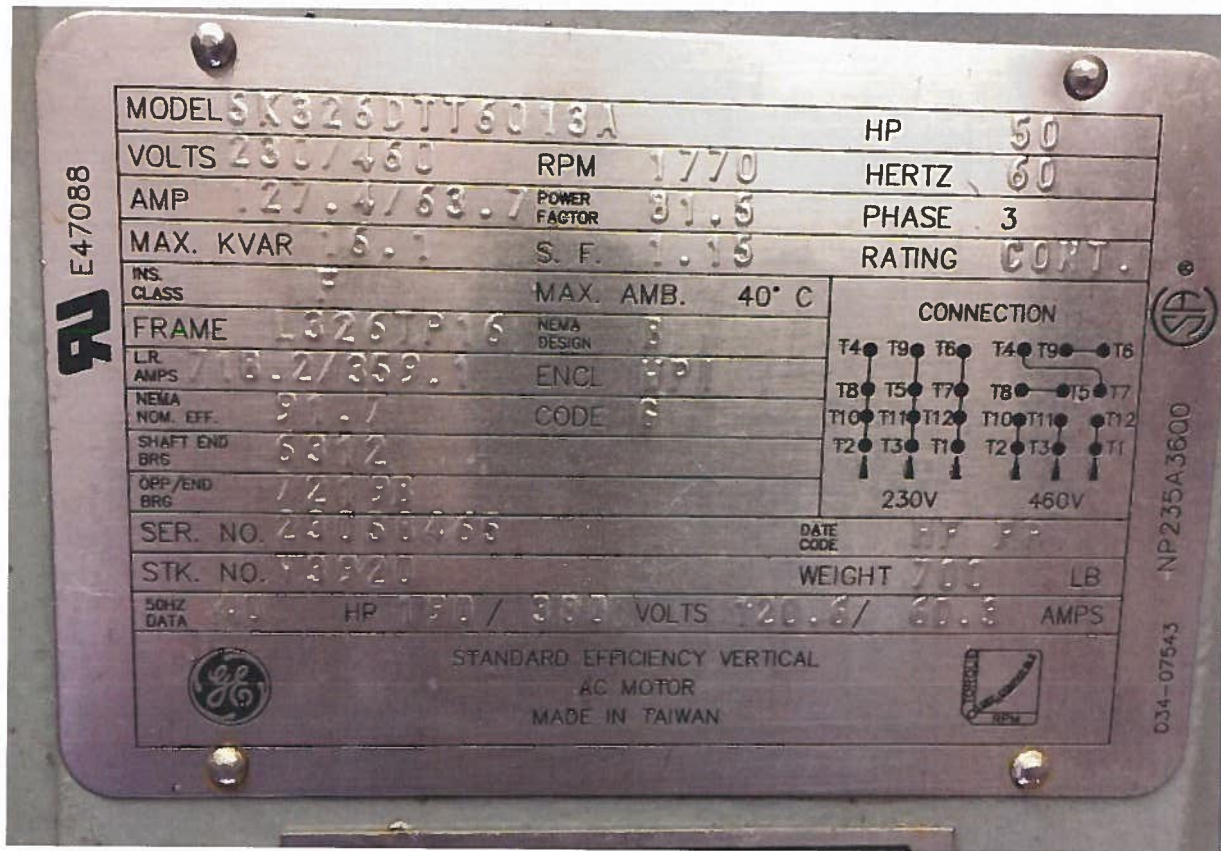
Production well 4 and 50-hp vertical turbine well pump



50 psi discharge pressure at Well 4



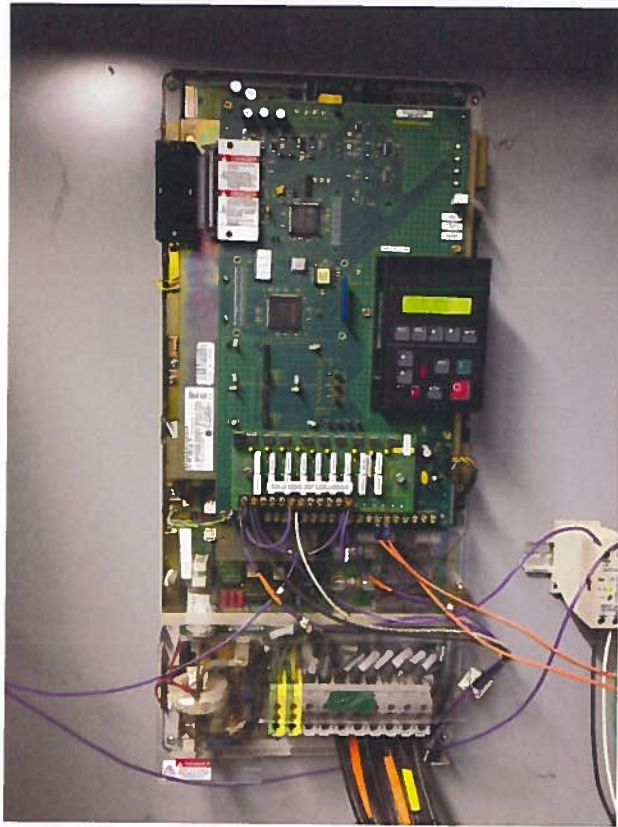
178°F discharge temperature at Well 4



Well 4 pump motor name plate



Well 4 VFD control panel



Well 4 VFD



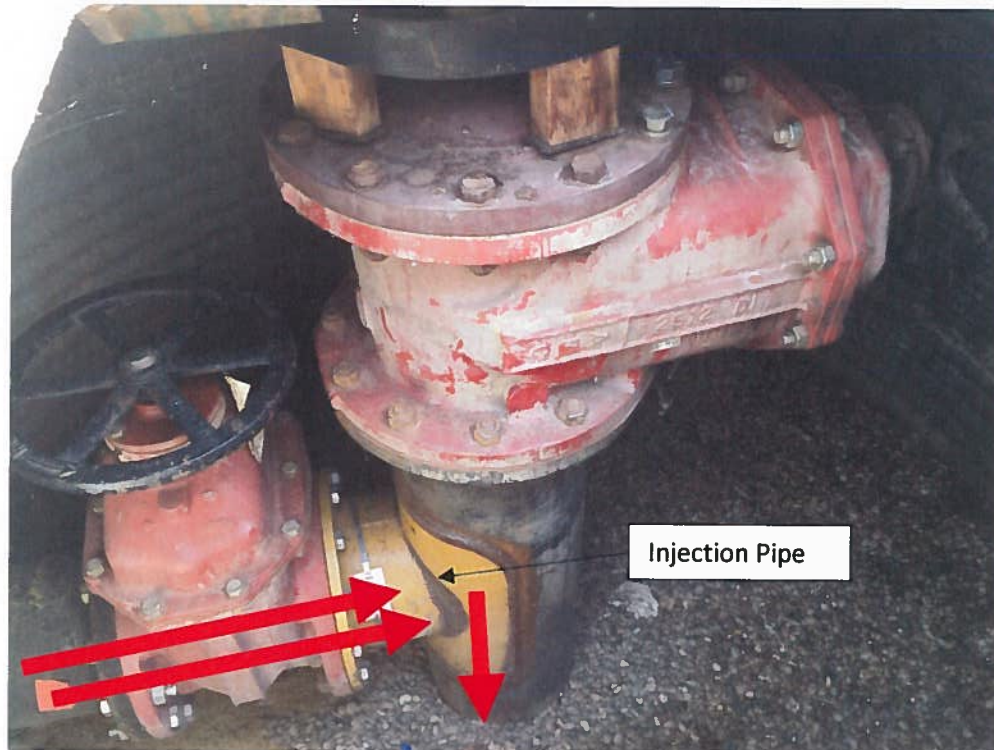
Production Well 4 well house



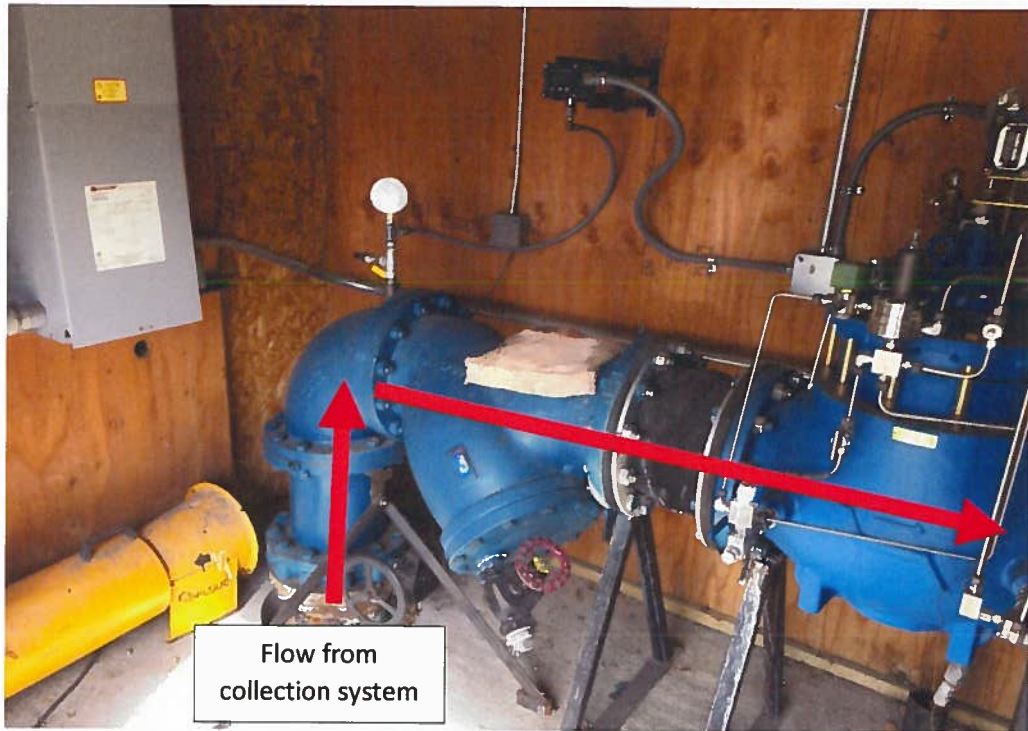
Infiltration discharge point and area



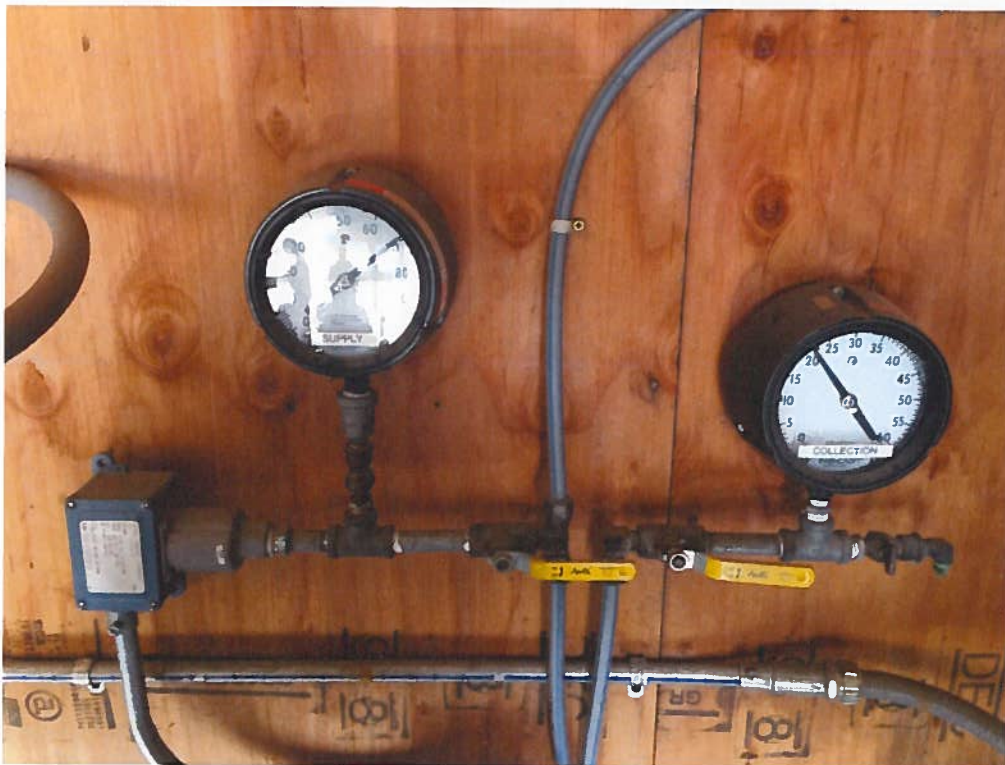
Injection well site



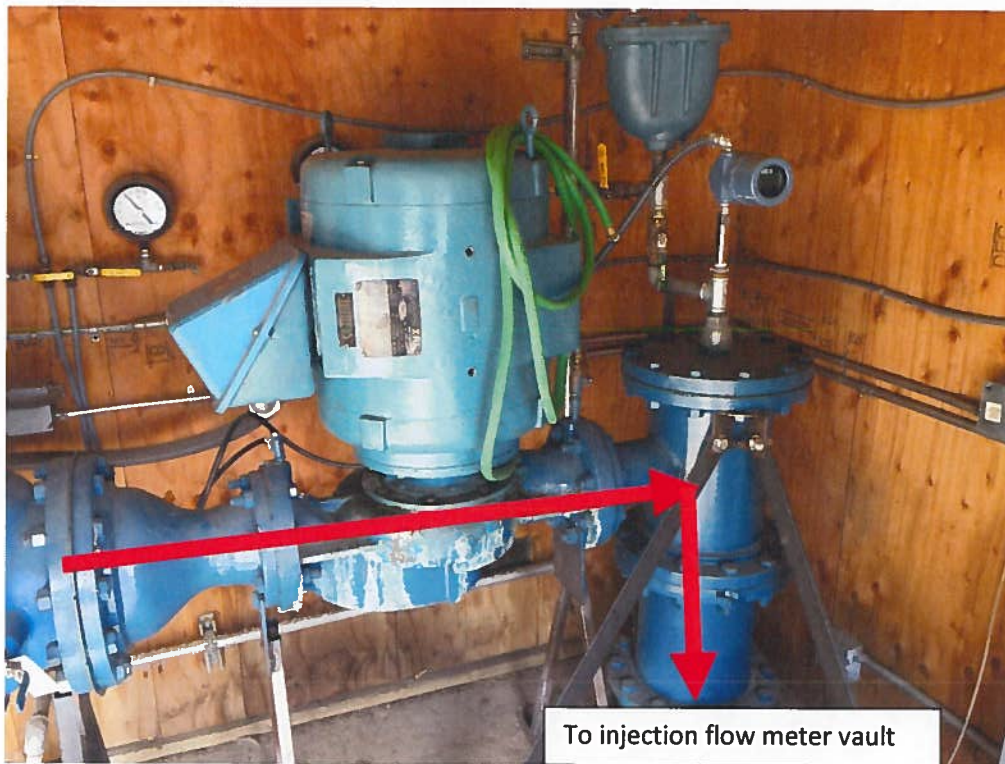
Injection well in vault



Flow strainer and pressure sustaining valve upstream of injection booster pump



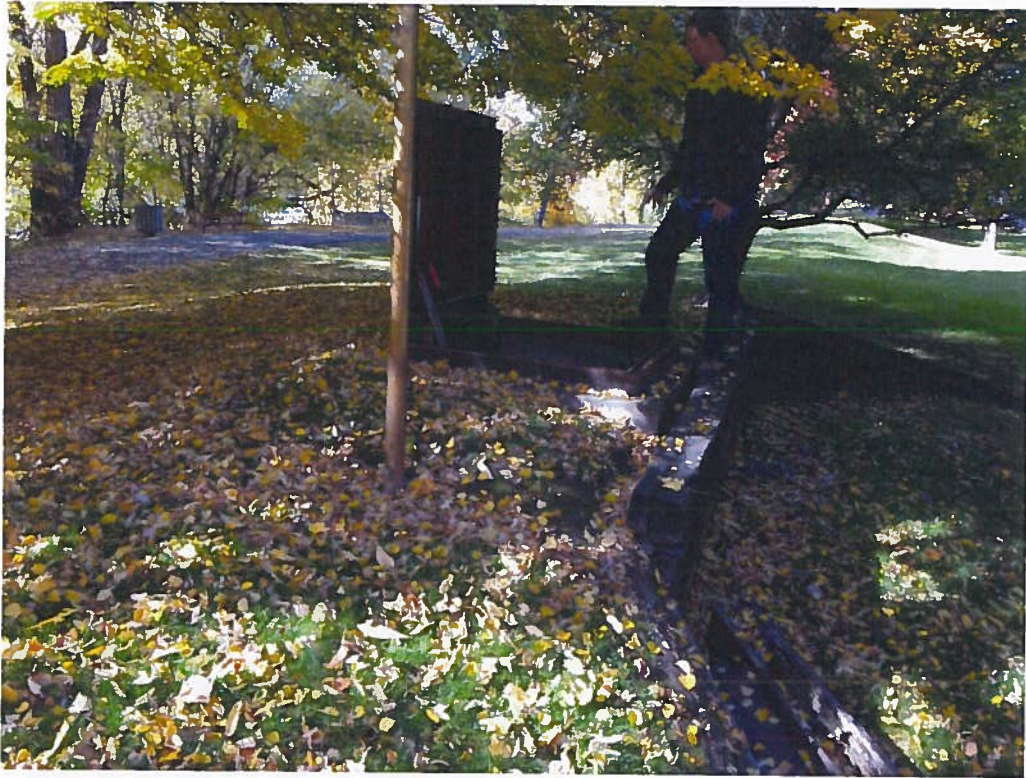
Pressure gauges for supply and collection pipelines at injection pump house



Injection booster pump



Injection booster pump name plate



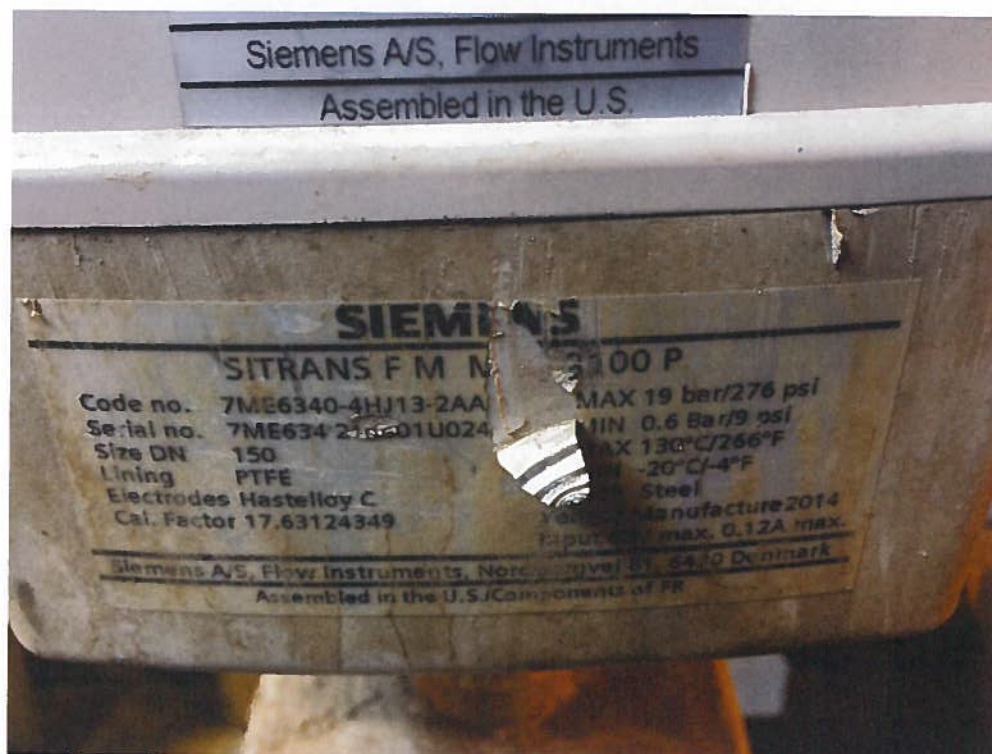
River discharge monitoring station vault



Discharge pipes and flow meters in River discharge monitoring station vault



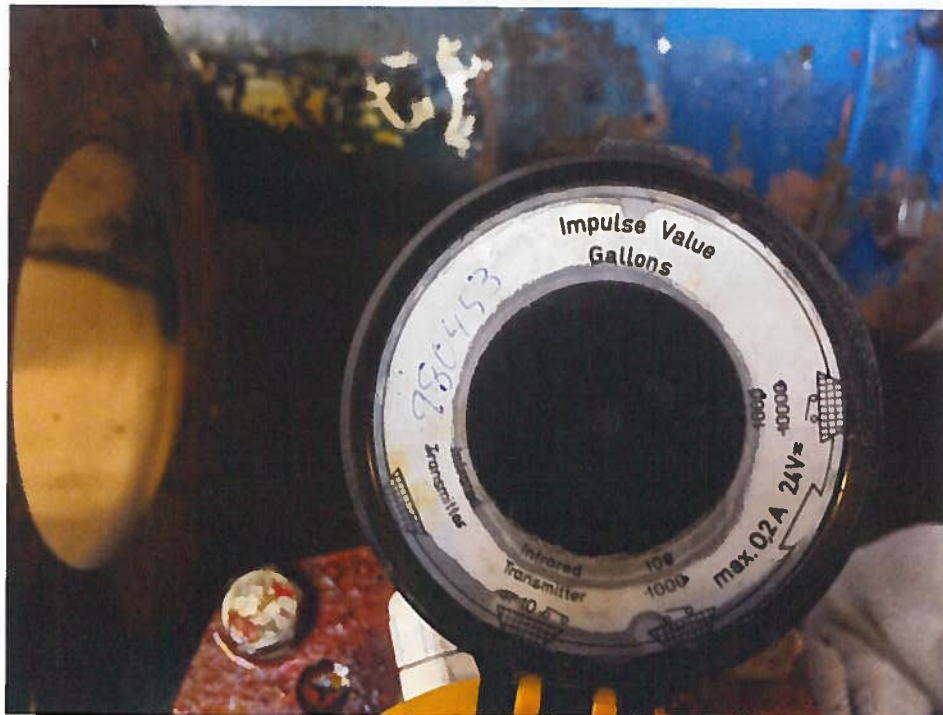
High flow Siemens mag meter for river discharge



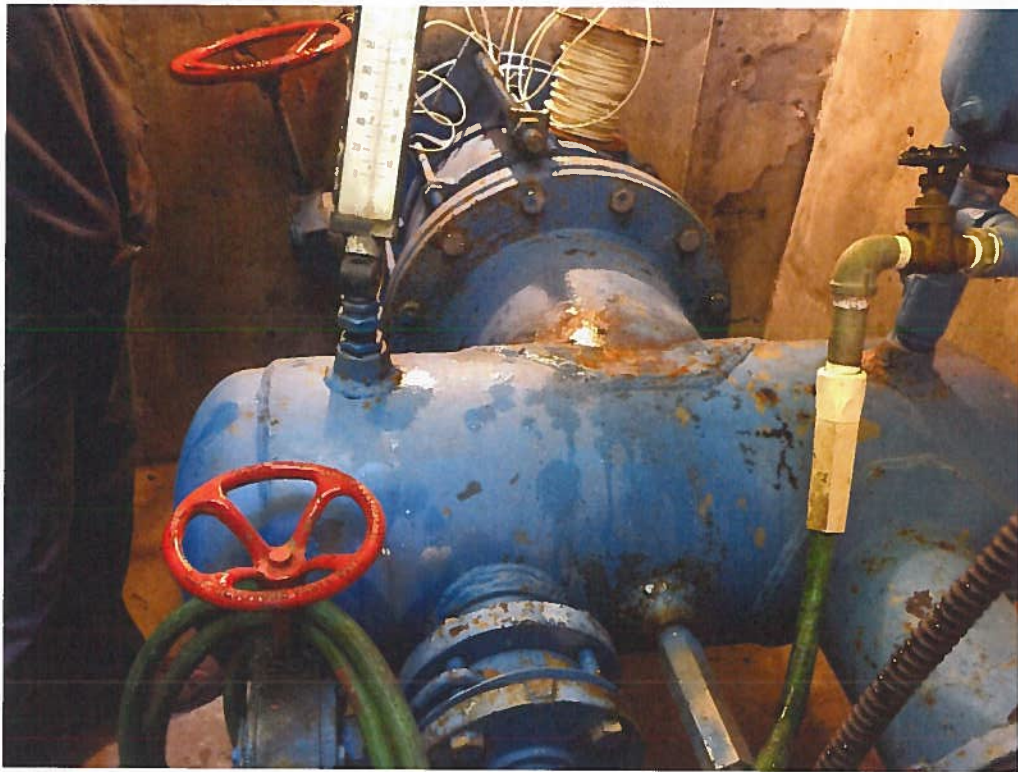
Flow meter name plate



Low flow mechanical meter for river discharge



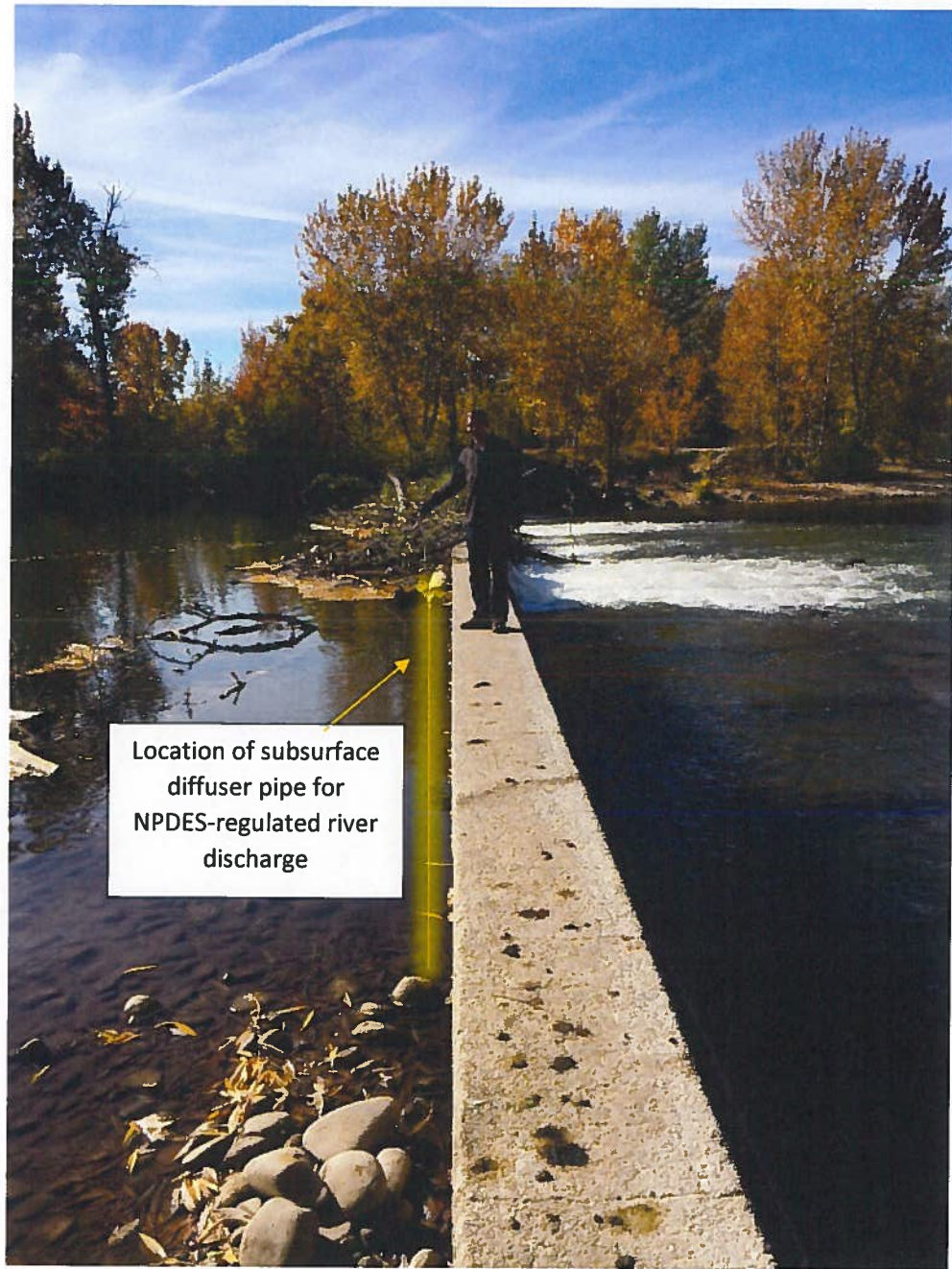
Meter lid



Temperature gauge in river discharge monitoring vault



Pressure gauge in river discharge monitoring vault



River discharge location on upstream side of Settlers Canal diversion dam